



THE SENSOR SPECIALIST™

OXYGEN SENSORS

Détecteurs d'Oxygène / Sensor de Oxígeno

CATALOG / CATALOGUE / CATÁLOGO





THE SENSOR SPECIALIST™

NTK's expansion from oxygen sensor to technical sensors is part of our ongoing commitment to streamline product types and increase coverage under one premium brand.

The only OE manufacturer with a full-line of technical sensors in the aftermarket, NTK technical sensors offers over 85 product types with over 6,500 skus. On average, shops perform nearly 30 technical sensor replacements every month.

TECHNICAL SENSORS

Position, Pressure, Speed, Temperature, Specialty, Fluid Levels and Emissions



ENGINE CRANKSHAFT



MANIFOLD ABSOLUTE PRESSURE (MAP)



IGNITION KNOCK



AIR CHARGE



ENGINE COOLANT LEVEL SENSOR



VEHICLE SPEED

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Introduction of OBD-II and SAE J2012 DTC Standards

With increasing demands from government and social agencies to reduce vehicle emissions, most vehicles produced for the North American market after 1996 were equipped with at least one or more oxygen sensor(s) both before and after the three-way catalyst (catalytic converter). Depending upon the model year, type of engine/exhaust configuration and fuel trim strategy, there could be numerous oxygen sensors used (as many as eight on certain vehicles) and varies by manufacturer.

In an effort to standardize the electronic diagnostic process, the Society of Automotive Engineers (SAE) developed a set of standards, practice and protocols known as **OBD-II**. While some “early adopting” OEM vehicle manufacturers began introducing OBD-II compliant systems in new vehicles as early as 1989, the majority of new passenger cars and light trucks sold in North America became fully OBD-II compliant between the years of 1994 through 1996.

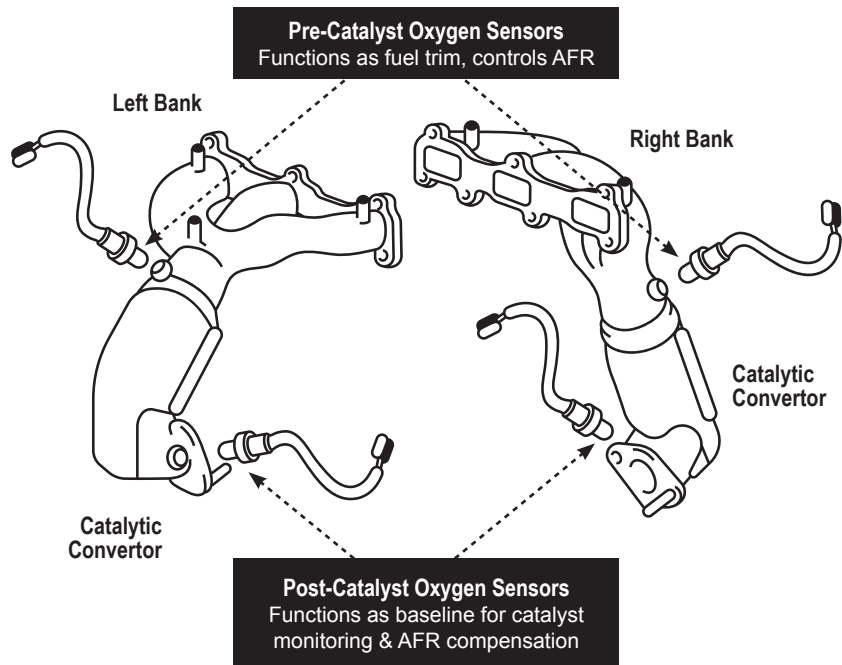
The 2nd generation system of **On Board Diagnostics** allowed technicians to hook up their electronic diagnostic tool/ scanner to an OBD-II port (typically located at the driver’s side under the dashboard) and retrieve data from the onboard computer. The SAE standard J2012 defines a number of Diagnostic Trouble Codes (DTCs), which when downloaded to a scan tool, allow the technician (or consumer) to analyze this information, aiding in the diagnosis of which component or system has failed.

Sensor Location, Scan Tool Terminology and Commonly Used Engine/ Sensor Configurations

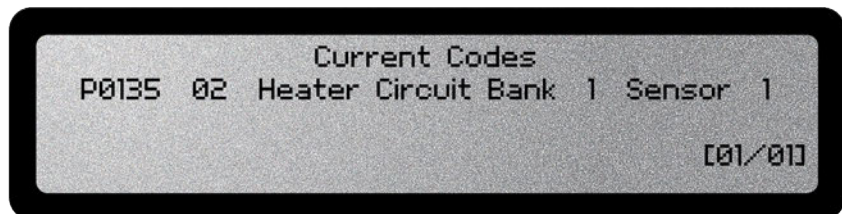
On most OBD-II equipped vehicles, oxygen sensors are typically located in either the exhaust manifold or exhaust pipe just before and after the catalytic converters.

In the event of an oxygen sensor failure, a DTC is registered in the vehicle’s ECU and the malfunction indicator lamp (MIL) is illuminated, indicating a problem in the vehicle’s emission system. When technicians connect their OBD-II scan tool (generic or manufacturer specific) to the vehicle’s ECU, they are presented with limited, but accurate standardized DTCs identifying the possible problematic sensor.

Each DTC refers to a particular problem within the system and there are hundreds of SAE/ISO standard codes, as well as manufacturer specific codes. Based on this information, it is left up to the technician to correctly identify and locate that particular sensor on the vehicle.



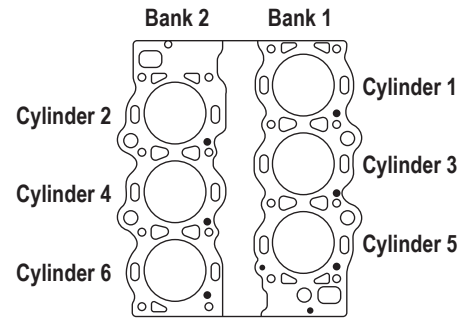
OBD-II Scan Tool DTC for O2 Sensor Heater Circuit



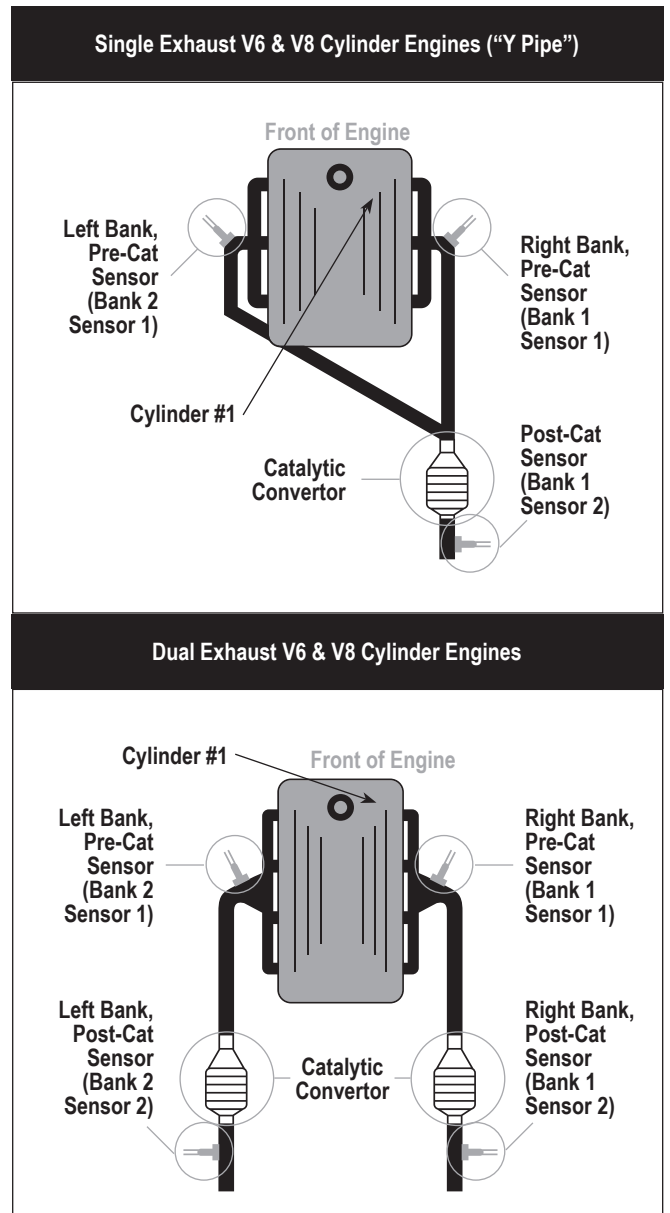
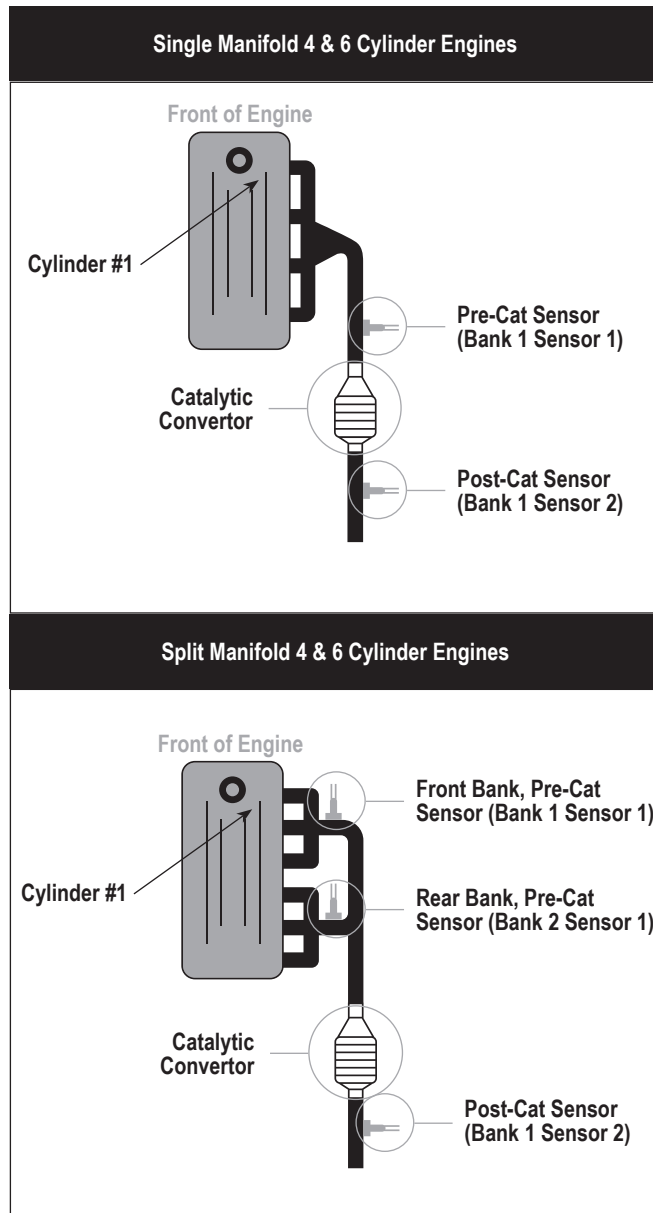
Oxygen Sensor Positioning, DTCs, How to Use This Catalog

DTC terminology used to describe and correctly identify component locations by engine bank is defined as follows (regardless of engine configuration):

- **Bank 1 (B1):** always refers to the bank (side of engine) that has the #1 cylinder.
- **Bank 2 (B2):** refers to the bank opposite engine bank 1.
- **Sensor 1 (S1):** refers to the sensor located before the catalytic converter(s).
- **Sensor 2 (S2):** refers to the sensor located after the catalytic converter(s).



The following diagrams help to illustrate how the scan tool DTC terminology above relates to the actual oxygen sensor positioning on various engine configurations.





How to Use This Catalog

The application section of the NTK Oxygen Sensor Catalog is logically laid out by make, model, year, engine type and details. Specific vehicle and detailed engine information (including oxygen sensor location) is required to ensure that the correct part is selected. Now that we have covered terminology and sensor positioning as defined by OBD-II scan tools, how can you bring all this together to select the right part from the catalog? First, you must determine which side is the left, right, front or rear engine bank.

Front of Engine - the side of the engine with the belts (rear of engine is opposite the belts)

Longitudinal Engines - Left or Right bank is determined as viewed from the rear of the engine

Transverse Engines - Left/Front or Right/Rear bank is determined as viewed from the rear of the engine

Assume in the application shown below (2008 Dodge Durango V6 3.7L) that you have a scan tool code of Bank 1, Sensor 2 (B1, S2). As this engine is longitudinal, the oxygen sensor identified would be the left bank (bank that includes cylinder #1), while the sensor 2 refers to the sensor after the catalytic converter.

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------|--------|---------------|---------------|--------|
| DODGE (Cont'd) | | | | |
| Durango (Cont'd) | | | | |
| 2008 | V6-3.7 | Upstream | LH | 23159 |
| | | | RH | 23159 |
| | | Downstream | LH | 23158 |
| | | | RH | 23158 |
| | V8-4.7 | Upstream | LH | 23159 |
| | | | RH | 23159 |
| | | Downstream | LH | 23158 |
| | | | RH | 23158 |
| | V8-5.7 | Upstream | LH | 23159 |
| | | | RH | 23159 |
| | | Downstream | LH | 23159 |
| | | | RH | 23159 |
| 2007 | V6-3.7 | Upstream | LH | 23159 |
| | | | RH | 23159 |
| | | Downstream | LH | 23158 |
| | | | RH | 23158 |
| | V8-4.7 | Upstream | LH | 23556 |
| | | | RH | 23556 |
| | | Downstream | LH | 23527 |
| | | | RH | 23527 |
| | V8-5.7 | Upstream | LH | 23159 |
| | | | RH | 23159 |
| | | Downstream | LH | 23159 |
| | | | RH | 23159 |

Make •
Model •
Year •

Engine Details Sensor Position (Engine Bank)

Introduction des standards OBD-II et codes d'erreur SAE J2012

En réponse aux demandes pressantes des gouvernements et environnementalistes de réduire les émissions nocives, la plupart des véhicules produits pour le marché Nord-Américains depuis 1996 ont été équipés d'au moins un détecteur d'oxygène placé à l'avant et à l'arrière du catalyseur (pot catalytique). Dépendamment de l'année du véhicule, le type de moteur, la configuration de l'échappement et la stratégie d'économie de carburant, il peut y avoir en grand nombre de détecteur d'oxygène (jusqu'à huit dans certains véhicules) et ils varient pour chaque constructeur.

Dans un effort pour standardiser le processus de diagnostic électronique, la Société des Ingénieurs de l'automobile (SAE) a développée une série de normes, pratiques et standards connus sous le nom d'OBD-II. À l'exception de quelques rares constructeurs qui en ont commencés l'installation dès 1989, les automobiles et camions légers d'Amérique du nord ont été équipés de systèmes conformes OBD-II entre 1994 et 1996.

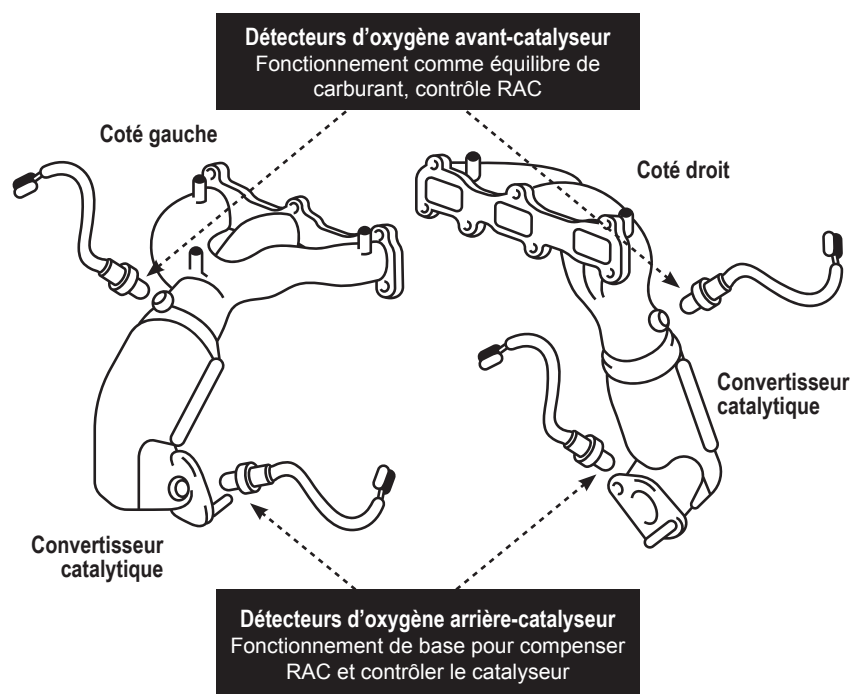
Cette 2ème génération de système de diagnostic embarqué permet aux techniciens de simplement brancher leurs outils de diagnostic électronique au point d'accès (normalement situé sous le tableau de bord, côté conducteur) pour extraire l'information de l'ordinateur de bord. Le standard SAE J2012 décrit une série de codes d'erreur (DTC) qui, lorsque téléchargée à un analyseur, facilite la recherche de la source du problème.

Position du détecteur, appareil d'analyse et configurations moteur-détecteurs les plus communes

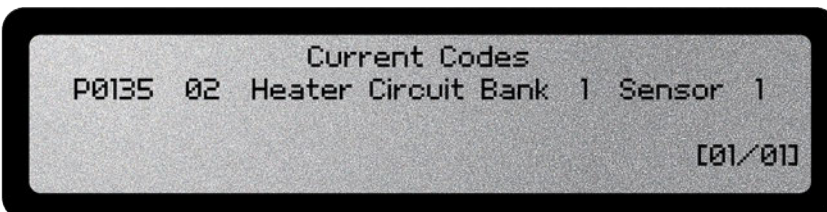
Dans la plus part des véhicules équipés d'OBD-II, les détecteurs d'oxygène sont placés soit dans la tubulure d'échappement ou le tuyau d'échappement. Juste à l'avant et à l'arrière du pot catalytique.

Lors d'une défaillance des détecteurs d'oxygène, un DTC est enregistré dans le bloc de gestion moteur et l'indicateur lumineux s'allume, indiquant un problème dans le système d'émission. Lorsque le technicien branche son outil de diagnostic, il obtient un nombre restreint mais précis de DTC standards, permettant de trouver le détecteur fautif.

Chaque DTC correspond à un problème différent. Il y a des centaines de codes standards ISOSAE ainsi que des codes du constructeur. À partir de là le technicien doit correctement identifier le détecteur fautif.

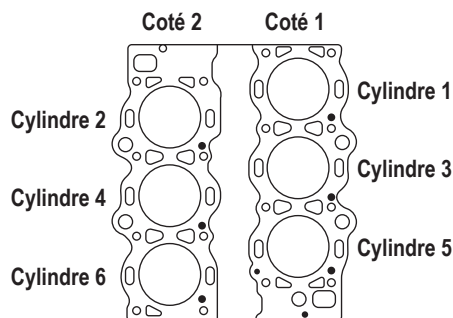


Outil de diagnostic pour OBD-II – circuit de chauffage



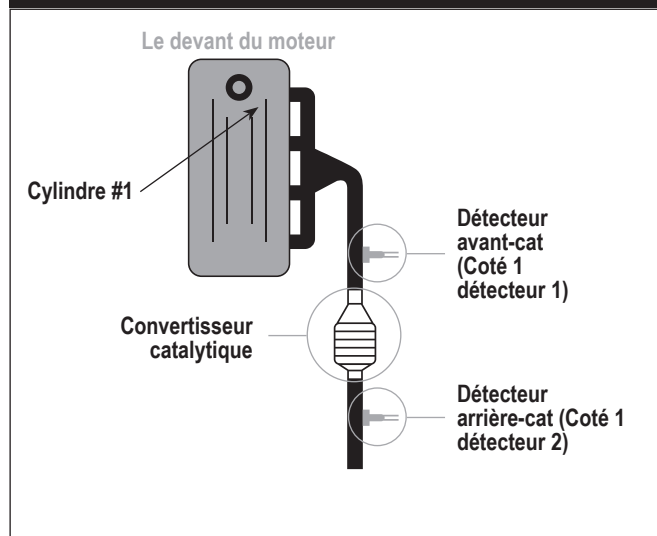
Les termes suivants sont employés pour identifier correctement l'emplacement des pièces dans les codes DTC (quelque soit la configuration du moteur):

- **Coté 1 (B1):** désigne toujours le coté (côté du moteur qui contient le cylindre no.1
- **Coté 2 (B2):** désigne le côté opposé du moteur
- **Détecteur 1 (S1):** désigne le détecteur avant-catalyseur
- **Détecteur 2 (S2):** désigne le détecteur arrière-catalyseur

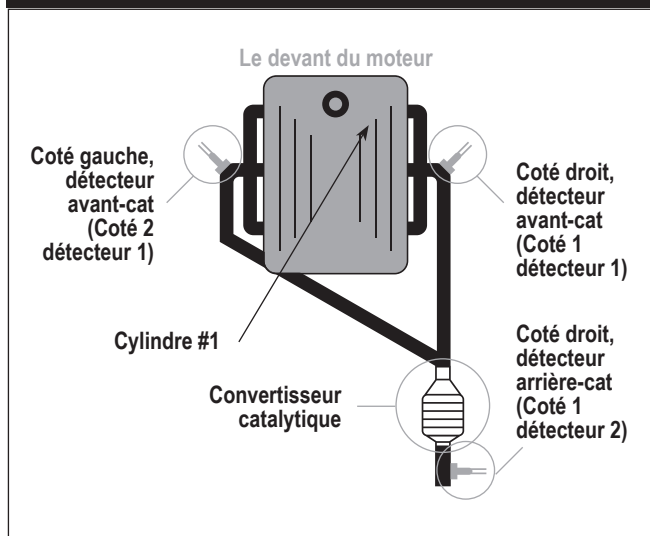


Les diagrammes suivants aident à illustrer comment la terminologie de l'outil de scan DTC au-dessus sont reliés au positionnement du détecteur d'oxygène actuel sur les différentes configurations de moteur.

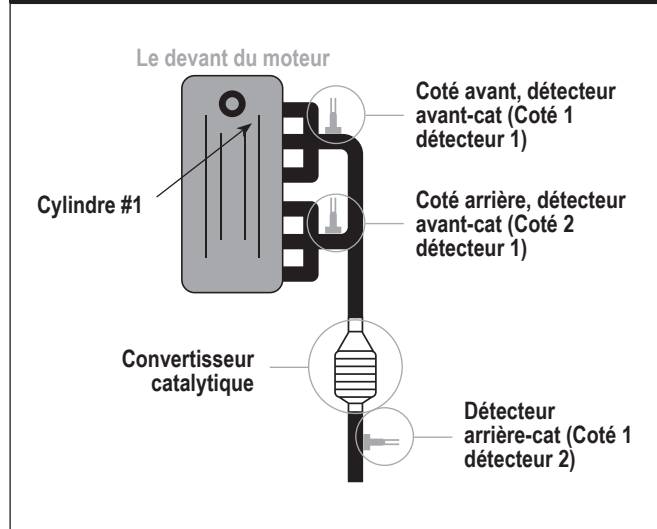
Moteurs 4 & 6 Cyl. Tubulure simple



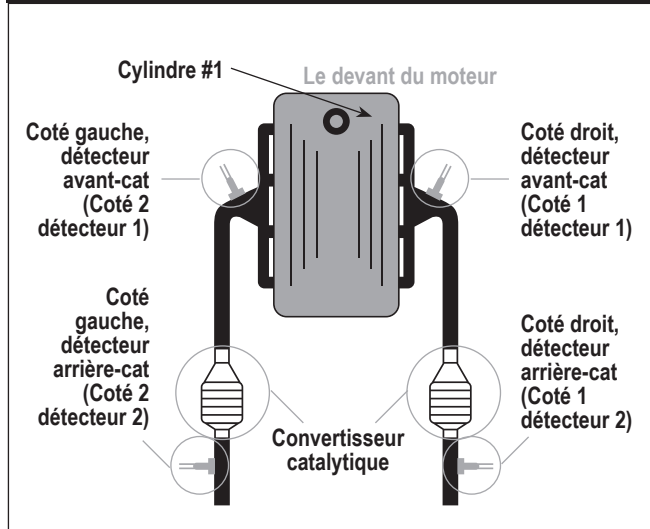
Échappement simple avec tube en "Y" (V6 & V8)



Moteurs de 4 et 6 Cyl. Tubulure divisée



V6 & V8 Cyl. Moteurs à tubulure double





Introducción de OBD-II y las normas SAE J2012 DTC

Ante la creciente demanda de agencias gubernamentales y sociales en búsqueda de la reducción de emisiones contaminantes, la mayoría de los vehículos producidos para el mercado norteamericano a partir de 1996 están equipados con al menos un o más Sensores de Oxígeno localizados antes y después del catalizador de tres vías (Convertidor Catalítico). Dependiendo del modelo, del año, configuración del Motor y el ajuste de combustible, podría utilizar numerosos Sensores de Oxígeno (hasta ocho en algunos vehículos) y varía según el fabricante.

En un esfuerzo por estandarizar el proceso de diagnóstico electrónico, la Sociedad e Ingenieros Automotrices (SAE) desarrollo un conjunto de normas, prácticas y protocolos conocidos como OBD-II. Mientras con algunos "principios de la adopción" los fabricantes de automóviles de OEM comenzaron a introducir los sistemas de OBD-II compatibles con los nuevos vehículos en el año 1989, la mayoría de los vehículos de pasajeros y camiones ligeros nuevos vendidos en Estados Unidos pasaron a ser plenamente compatibles con OBD-II entre los años 1994 a 19 6.

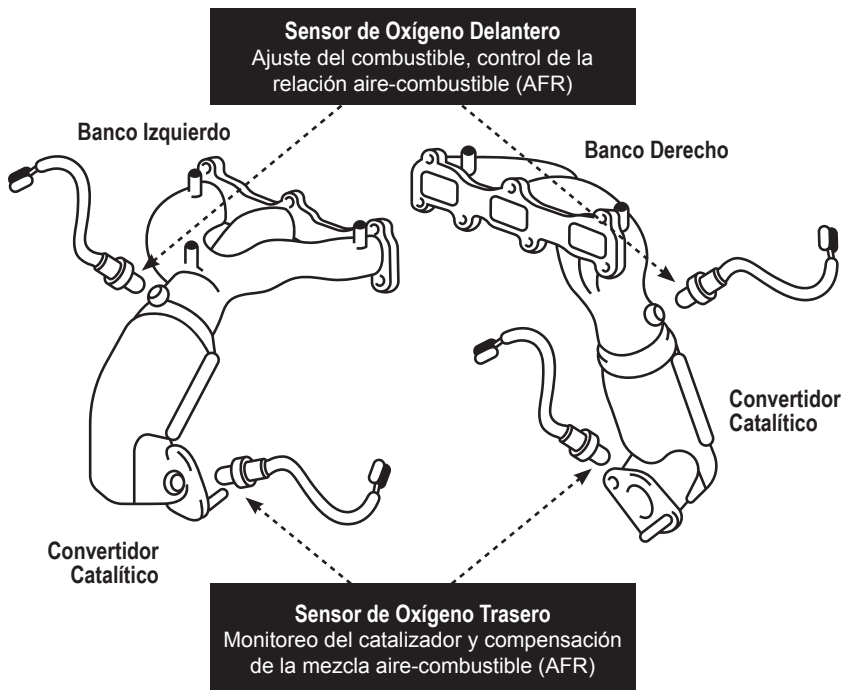
Este sistema de 2ª generación del diagnóstico a bordo (OBD) permite a los técnicos conectar su herramienta de diagnóstico electrónico/escáner a un puerto OBD-II (normalmente se encuentra del lado del conductor debajo del tablero) y recuperar los datos del ordenador a bordo. La norma SAE J2012 define una serie de códigos de diagnóstico de falla (DTCs), que cuando se descargan a una herramienta de análisis/escáner, permiten que el técnico (o el consumidor) analice esta información, ayudando en el diagnóstico para determinar qué componente o sistema ha fallado.

Ubicación del sensor, Herramienta de escaneo del Motor Terminología y uso común / Configuraciones del Sensor

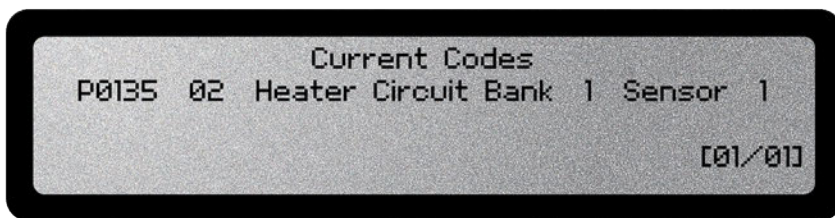
En la mayoría de los vehículos equipados con OBD II, los sensores de oxígeno normalmente se encuentran localizados ya sea en el múltiple de escape o en el tubo de escape justamente antes y después del convertidor catalítico.

En el caso de una falla en el sensor de oxígeno, un código de diagnostico de falla (DTC) se registra en la computadora del vehículo (ECU) y la luz indicadora de mal funcionamiento (MIL) se ilumina, lo que indica un problema en el sistema de emisiones del vehículo. Cuando los técnicos conectan su herramienta de análisis/escáner de OBD-II (genéricos o específicos del fabricante) a la ECU del vehículo, se les presenta limitado pero con un preciso DTC estandarizado para identificar el posible sensor que presenta problemas.

Cada DTC se refiere a un problema en particular dentro del sistema y hay cientos de códigos de estandarización SAE/ISO, así como códigos específicos del fabricante. Con base en esta información, el técnico puede identificar y localizar correctamente el sensor en particular en el vehículo.



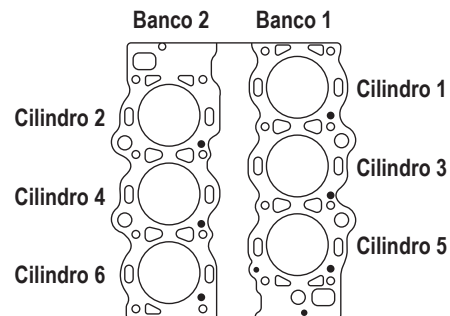
Escáner de OBD-II, código de diagnostico de falla de calefactor del Sensor de Oxígeno



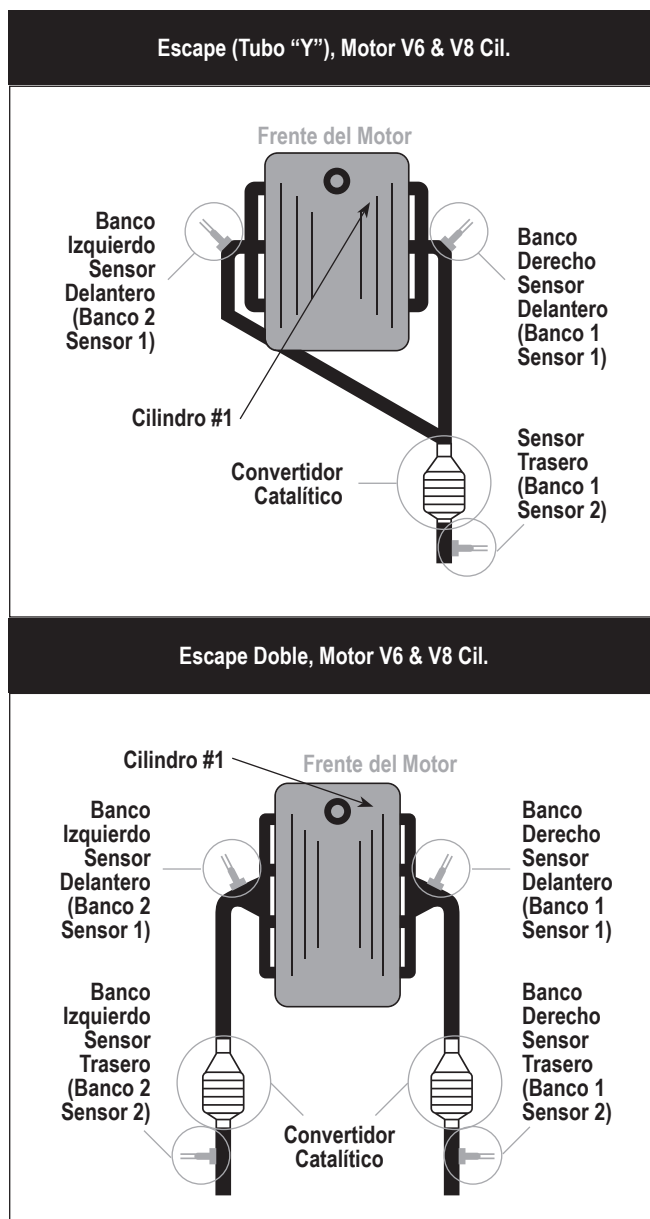
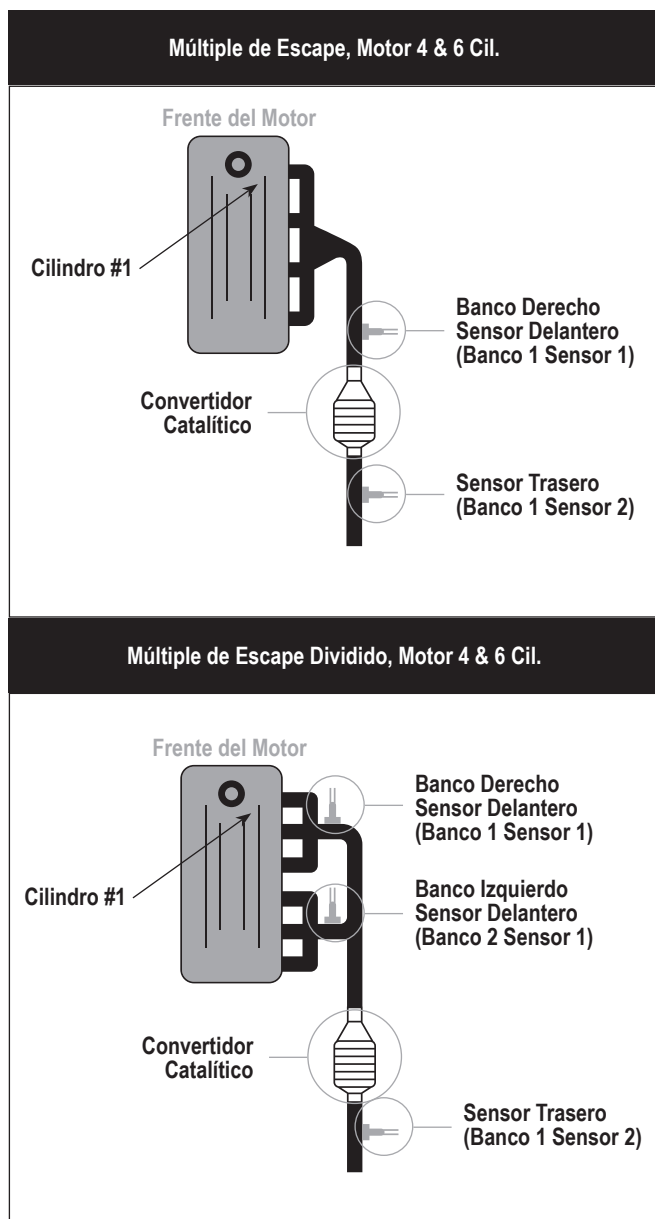
Localización del Sensor de Oxígeno, Códigos de Diagnostico de Falla (DTCs), Como usar este Catalogo

DTC es la terminología utilizada para describir e identificar de forma correcta la ubicación de los componentes por banco de motor y se define de la siguiente manera (independientemente de la configuración del motor):

- **Banco 1 (B1):** se refiere siempre al banco (lado del motor) que tiene el cilindro #1.
- **Banco 2 (B2):** se refiere al banco opuesto al banco 1 del motor.
- **Sensor 1 (S1):** se refiere al sensor ubicado antes del convertidor catalítico(s).
- **Sensor 2 (S2):** Se refiere al sensor ubicado después del convertidor catalítico(s).



Los siguientes diagramas nos ayudaran a ilustrar cómo el escaneo de la terminología de los códigos de diagnostico de falla (DTC) anterior se refiere a la colocación del sensor de oxígeno actual en diferentes configuraciones de motor.





Cómo usar este catálogo

La sección de aplicaciones del Catálogo de Sensores de Oxígeno NTK está establecida por marca, modelo, año, tipo de motor y detalles. La especificación del vehículo y el detalle del motor (incluyendo la ubicación del sensor de oxígeno) es necesario para asegurar que es correcta la parte seleccionada. Ahora que hemos cubierto la terminología y la localización del sensor tal como se define por el escáner para OBD-II, ¿cómo se puede utilizar todo esto para seleccionar la parte correcta en el catálogo? Primero, se debe determinar cuál lado es la izquierda, derecha, delantero y trasero en el banco del motor.

Parte frontal del motor - se define como el lado del motor con los cinturones. (La parte trasera del motor se encuentra frente a los cinturones)

Motor Longitudinal - el Banco Izquierdo o Derecho se determina desde la vista de la parte trasera del motor

Motor Transversal - el Banco Izquierdo/Derecho o Delantero/Trasero se determina desde la vista de la parte trasera del motor

Supongamos que en la aplicación se muestra a continuación (2008 Dodge Durango 3.7L V6) usted tiene un código de falla en el Banco 1, Sensor 2 (B1, S2). Como este motor es longitudinal, el sensor de oxígeno identificado será del Banco izquierdo (el banco que incluye el cilindro # 1), mientras que el sensor 2 se refiere al sensor después del convertidor catalítico (Sensor Trasero).

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|------------|---------------|---------------|--------|-------|
| DODGE (Cont'd) | | | | | |
| Durango (Cont'd) | | | | | |
| 2008 | V6-3.7 | Upstream | LH | 23159 | |
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| | | V8-4.7 | Upstream | LH | 23159 |
| | | | | RH | 23159 |
| | Downstream | | LH | 23158 | |
| | | | RH | 23158 | |
| | V8-5.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| 2007 | V6-3.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23158 | |
| | | | RH | 23158 | |
| | | V8-4.7 | Upstream | LH | 23556 |
| | | | | RH | 23556 |
| | Downstream | | LH | 23527 | |
| | | | RH | 23527 | |
| | V8-5.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |

Marca •
 Modelo •
 Año •

Motor
 Posición del Sensor (Banco)

Glossary of Terms/Glosario de Términos

| | |
|----------------------------------|--|
| 2WD | 2 Wheel Drive / 2 roues motrice |
| 4WD | 4 Wheel Drive / 4 roues motrice |
| A/F | Air Fuel Ratio / Mélange air-carburant |
| A/T | Automatic Transmission / Boîte de vitesse automatique |
| ADS-TWC | Adsorbing Three Way Catalyst / Catalyseur à trois étapes |
| AELS | Advanced Evaporative Loss System / Système avancé perte par évaporation |
| AFR | Air Fuel Ratio / Mélange air-carburant |
| AWD | All Wheel Drive / Traction intégrale |
| CAN | Canada Market / Marché canadien |
| Calif. | California Emissions Standard (Vehicle) / Émission Californie |
| Carb. | Carburetion / Carburant |
| Cat. | Catalyst / Catalytique |
| CC | Cubic Centimetres / Centimètre cube |
| CID | Cubic Inch Displacement / Cylindrée en pouce cube |
| CNG | Compressed Natural Gas / Gaz naturel comprimé |
| Cntr. | Center / Centre |
| Cont'd | Continued / Continuer |
| CVT | Continuously Variable Transmission / Transmission variable sans interruption |
| Cyls. | Cylinders / Cylindres |
| Desg. | Designation / Désignation |
| DOHC | Dual Overhead Cam / Double arbres à cames en tête |
| DPF | Diesel Particulate Filter / Filtreur particulaire diesel |
| ECM | Engine Control Module / Module Électronique |
| ECU | Engine Control Unit / Ordinateur de controle du moteur |
| EFI | Electronic Fuel Injection / Injection d'essence électronique |
| EGO | Exhaust Gas Oxygen Sensor / Détecteur d'oxygène de gaz d'échappement |
| Elec. | Electric / Électrique |
| Eng. | Engine / Moteur |
| EPA | Environmental Protection Agency / Agence de protection environnementale |
| Evap. | Evaporative / Évaporer |
| Exc. | Except / Excepté |
| Exh. | Exhaust / Échappement |
| Ext'd | Extended / Extension |
| Federal | Federal Emissions Standard Vehicle / Véhicule standard d'émission fédéral |
| FI | Fuel Injection / Injection d'essence |
| FLO (Oxygen Sensor) | Fast Light Off / Lumière d'avertissement rapide |
| Frnt. | Front / Devant |
| FWD | Front Wheel Drive / Traction avant |
| Grd. | Ground / Terre |
| GVW | Gross Vehicle Weight / Poids brut du véhicule |
| H.O. | High Output / Haute rendement |
| HC | Hydro Carbons / Hydrate de carbone |
| HD / HDuty | Heavy Duty / Usage lourd |
| HEGO | Heated Exhaust Gas Oxygen Sensor / Détecteur d'oxygène à élément chauffant |
| Hi-Perf. | High Performance / Haute performance |
| Htr | Heater / Chauffrette |
| Incl. | Including / Inclus |
| ISO-HEGO | Isolated Ground Heated Exhaust Gas Oxygen Sensor / Détecteur a oxygène à mise à terre isolée |
| JPN | Japan / Japon |
| Lb | Pound / Livre |
| LEV | Low Emissions Vehicle / Véhicule à émission réduite |
| Lgth | Length / Longueur |
| LH | Left Hand/Gauche |
| LHD | Left Hand Drive / Commande bras gauche |
| Loc. | Located / Situer |
| M/T | Manual Transmission / Boîte de vitesse manuelle |
| MDS | Multi-Displacement System / Système de multi-déplacement |
| MEX | Mexico Market / Marché mexicain |
| MFI / MPFI | Multi-Port Fuel Injection / Injection de carburant port multiple |
| Mnflid | Manifold / Collecteur |
| mm | Millimetres / Millimètres |
| MPFI | Multi-Port Fuel Injection / Injection à point multiple |
| mV | MilliVolts / Mili Volts |
| Next Gen. Eng. Controller | Next Generation Engine Controller / Contrôleur de moteur prochaine génération |
| N.A. | North American / Amérique du nord |
| No. | Number / Numéro |
| O2 (O2S) | Oxygen Sensor / Détecteur d'oxygène |
| OBD | On Board Diagnostics / Diagnostique à board |



Glossary of Terms/ Abréviations

THE SENSOR SPECIALIST™

| | |
|-----------------------------------|---|
| OE | Original Equipment / Équipement d'origine |
| OEM | Original Equipment Manufacturer / Fabricant des équipements d'origine |
| OHC | Overhead Camshaft / Abre à came en tête |
| OHV | Overhead Valve / Soupapes en tête |
| PCM | Powertrain Control Module / Module de commande du groupe motopropulseur |
| Pkg | Package / paquet |
| Post-Cat. | Post-Catalyst / Après-catalytique |
| Pre-Cat. | Pre-Catalyst / Avant-catalytique |
| Prod. | Production / Production |
| Pwr | Power / Puissance |
| PZEV | Partial Zero Emissions Vehicle / Véhicules à émissions quasi-nulles |
| Qty. | Quantity / quantité |
| Reg. | Regular / Régulier |
| Req'd | Required / Requis |
| RH | Right Hand / Bras Droit |
| RHD | Right Hand Drive / Commande bras droit |
| RPO | Regular Production Option / Option de production régulier |
| RWD | Rear Wheel Drive / Propulsion arrière |
| S/C | Supercharged / Suralimenté |
| Scndary | Secondary / secondaire |
| SCR | Selective Catalytic Reduction / Réduction catalytique sélective |
| SOHC | Single Overhead Cam / Simple arbre à came en tête |
| Spec. | Specification / Spécification |
| Std. | Standard / Standard |
| SULEV | Super Ultra Low Emissions Vehicle / Véhicules à émission polluantes extrêmement basses |
| TBA | To Be Announced / À déterminer |
| TiO2 | Titania Oxygen Sensor / Détecteur d'oxygène de titane |
| TLEV | Transitional Low Emissions Vehicle / Véhicule à émission réduite transitionnelle |
| Trans. | Transmission / Transmission |
| UEGO | Universal Heated Exhaust Gas Oxygen Sensor / Détecteur à oxygène universel chauffant |
| UFLO Sensor | Ultra Fast Light Off Sensor / Détecteur |
| ULEV | Ultra Low Emissions Vehicle / Véhicule à très faible taux d'émissions polluantes |
| Univ. | Universal / Universel |
| V (8V, 10V, 16V, 20V, 24V) | Valve / Soupape |
| VIN | Vehicle Identification Number / Numéro d'identification du véhicule |
| VTEC | Variable Valve Timing and Lift Electronic Control / Contrôle électronique de levée de cames |
| w/ | With / Avec |
| w/o | Without / Sans |
| WB O2 | Wideband Oxygen Sensor / Détecteur d'oxygène à bande large |
| Yr. | Year / Année |
| ZEV | Zero Emissions Vehicle / Véhicules sans émission |
| ZrO2 | Zirconia Oxygen Sensor / Détecteur d'oxygène de zircone |



THE SENSOR SPECIALIST™

**OE APPLICATIONS
APPLICATIONS OE
APLICACIONES PARA OE**





| Make / Model | Cyl | Ltr | Year |
|----------------|-----|-----|-----------|
| Acura | | | |
| CSX | L4 | 2.0 | 2011-2006 |
| EL | L4 | 1.7 | 2005-2001 |
| ILX | L4 | 1.5 | 2015-2013 |
| | L4 | 2.0 | 2015-2013 |
| | L4 | 2.4 | 2018-2013 |
| Integra | L4 | 1.8 | 1990 |
| MDX | V6 | 3.0 | 2018-2017 |
| | V6 | 3.5 | 2018-2014 |
| | V6 | 3.5 | 2006-2001 |
| | V6 | 3.7 | 2013-2007 |
| NSX | V6 | 3.5 | 2018-2017 |
| RDX | L4 | 2.3 | 2012-2007 |
| | V6 | 3.5 | 2018-2013 |
| RL, RLX | V6 | 3.5 | 2018-2014 |
| | V6 | 3.5 | 2008-2004 |
| | V6 | 3.7 | 2012-2009 |
| RSX | L4 | 2.0 | 2006-2002 |
| TL, TLX | L4 | 2.4 | 2018-2015 |
| | V6 | 3.2 | 2008-2004 |
| | V6 | 3.5 | 2018-2007 |
| | V6 | 3.7 | 2014-2009 |
| TSX | L4 | 2.4 | 2014-2004 |
| | V6 | 3.5 | 2014-2010 |
| Vigor | L5 | 2.5 | 1994-1992 |
| ZDX | V6 | 3.7 | 2013-2010 |
| Audi | | | |
| A3, A3 Quattro | L4 | 1.4 | 2017-2016 |
| A4, A4 Quattro | V6 | 3.2 | 2009-2005 |
| A5, A5 Quattro | V6 | 3.2 | 2010-2008 |
| A6, A6 Quattro | V6 | 3.0 | 2017-2009 |
| | V6 | 3.2 | 2011-2005 |
| A7, A7 Quattro | V6 | 3.0 | 2017-2012 |
| A8, A8 Quattro | V6 | 3.0 | 2017-2013 |
| Q5, SQ5 | V6 | 3.0 | 2017-2013 |
| | V6 | 3.2 | 2012-2009 |
| Q7 | V6 | 3.0 | 2017-2011 |
| S4 | V6 | 3.0 | 2016-2010 |
| S5 | V6 | 3.0 | 2017-2010 |
| BMW | | | |
| 3 Series, M3 | L6 | 2.0 | 1995-1992 |
| | L6 | 2.5 | 1999-1998 |
| | L6 | 2.8 | 1999-1996 |
| | L6 | 3.2 | 1999-1996 |
| 528i | L6 | 2.8 | 1998-1997 |
| Z3 | L6 | 2.8 | 1998-1997 |
| | L6 | 3.2 | 2000-1998 |
| Buick | | | |
| Allure | L4 | 2.4 | 2010 |
| | V8 | 5.3 | 2009-2008 |
| Cascada | L4 | 1.6 | 2018-2016 |
| Enclave | V6 | 3.6 | 2019-2018 |
| | V6 | 3.6 | 2008 |
| Envision | L4 | 2.0 | 2018-2016 |
| | L4 | 2.5 | 2018-2017 |
| LaCrosse | L4 | 2.4 | 2016-2010 |
| | L4 | 2.5 | 2018 |
| | V6 | 3.6 | 2018-2017 |
| | V8 | 5.3 | 2009-2008 |

| Make / Model | Cyl | Ltr | Year |
|------------------------|-----|-----|-----------|
| Buick (Cont'd) | | | |
| Rainier | L6 | 4.2 | 2007-2004 |
| | V8 | 5.3 | 2004 |
| Regal | L4 | 2.0 | 2017-2011 |
| | L4 | 2.4 | 2017-2011 |
| Verano | L4 | 2.0 | 2016-2013 |
| | L4 | 2.4 | 2017-2012 |
| Cadillac | | | |
| ATS | L4 | 2.0 | 2018-2013 |
| | L4 | 2.5 | 2017-2013 |
| | V6 | 3.6 | 2019-2016 |
| CT6 | L4 | 2.0 | 2018-2016 |
| | V6 | 3.0 | 2018-2016 |
| | V6 | 3.6 | 2018-2016 |
| CTS, CTS-V | L4 | 2.0 | 2018-2014 |
| | V6 | 3.6 | 2018-2016 |
| | V8 | 6.2 | 2018-2009 |
| Escalade | V8 | 6.0 | 2013-2009 |
| | V8 | 6.2 | 2018-2008 |
| XT5 | V6 | 3.6 | 2018-2017 |
| Chevrolet | | | |
| Avalanche | V8 | 5.3 | 2013-2008 |
| | V8 | 6.0 | 2009-2008 |
| Aveo, Aveo5 | L4 | 1.6 | 2013-2006 |
| Blazer, Trailblazer | L6 | 4.2 | 2009-2002 |
| | V8 | 5.3 | 2008 |
| | V8 | 5.3 | 2004-2003 |
| | V8 | 6.0 | 2009-2008 |
| Camaro | L4 | 2.0 | 2018-2016 |
| | V6 | 3.6 | 2018-2016 |
| | V8 | 6.2 | 2018-2010 |
| | V8 | 7.0 | 2015-2014 |
| Caprice | V8 | 6.0 | 2017-2011 |
| Captive, Captiva Sport | L4 | 2.4 | 2015-2008 |
| | V6 | 3.6 | 2010-2008 |
| Cavalier | L4 | 2.2 | 2005-1999 |
| | L4 | 2.4 | 2002-1999 |
| City Express | L4 | 2.0 | 2018-2015 |
| Cobalt | L4 | 2.0 | 2007-2005 |
| | L4 | 2.2 | 2010-2005 |
| | L4 | 2.4 | 2008-2006 |
| Colorado | L4 | 2.5 | 2018-2015 |
| | L4 | 2.8 | 2006-2004 |
| | L4 | 2.9 | 2012-2007 |
| | L5 | 3.5 | 2006-2004 |
| | L5 | 3.7 | 2012-2007 |
| | V6 | 3.6 | 2018-2017 |
| | V8 | 5.3 | 2012-2009 |
| Corvette | V8 | 6.2 | 2018-2008 |
| | V8 | 7.0 | 2013-2008 |
| Epica | L6 | 2.5 | 2006-2004 |
| Equinox | L4 | 2.0 | 2018 |
| | L4 | 2.4 | 2017-2010 |
| G Series, Express Van | V6 | 4.3 | 2014-2008 |
| | V8 | 4.8 | 2017-2008 |
| | V8 | 5.3 | 2014-2008 |
| | V8 | 6.0 | 2017-2008 |
| HHR | L4 | 2.2 | 2011-2006 |
| | L4 | 2.4 | 2011-2006 |

| Make / Model | Cyl | Ltr | Year |
|------------------------------|-----|-----|-----------|
| Chevrolet (Cont'd) | | | |
| Impala | L4 | 2.4 | 2014 |
| | L4 | 2.5 | 2018-2014 |
| | V8 | 5.3 | 2009-2008 |
| Malibu, Malibu Classic, Maxx | L4 | 1.8 | 2018-2016 |
| | L4 | 2.0 | 2018-2013 |
| | L4 | 2.2 | 2008-2004 |
| | L4 | 2.4 | 2014-2008 |
| | L4 | 2.4 | 1999 |
| | L4 | 2.5 | 2016-2013 |
| Optra, Optra 5, Optra Wagon | L4 | 2.0 | 2007-2004 |
| Orlando | L4 | 2.4 | 2014-2012 |
| S10 | L4 | 2.2 | 2003-1999 |
| Silverado | V6 | 4.3 | 2018-2008 |
| | V8 | 4.8 | 2013-2008 |
| | V8 | 5.3 | 2018-2008 |
| | V8 | 6.0 | 2018-2008 |
| | V8 | 6.2 | 2018-2009 |
| SS | V8 | 6.2 | 2017-2014 |
| SSR | V8 | 5.3 | 2004-2003 |
| Suburban | V8 | 5.3 | 2018-2008 |
| | V8 | 6.0 | 2018-2016 |
| | V8 | 6.0 | 2013-2008 |
| Tahoe | V8 | 4.8 | 2009-2008 |
| | V8 | 5.3 | 2018-2008 |
| | V8 | 6.0 | 2013-2008 |
| | V8 | 6.2 | 2018 |
| | V8 | 6.2 | 2009-2008 |
| Tracker | V6 | 2.5 | 2004-2001 |
| Traverse | L4 | 2.0 | 2018 |
| | V6 | 3.6 | 2019-2018 |
| Volt | L4 | 1.5 | 2018 |
| Chrysler | | | |
| 200 Series | L4 | 2.4 | 2017-2011 |
| | V6 | 3.6 | 2017-2011 |
| 300 Series (300, 300M) | V6 | 2.7 | 2010-2005 |
| | V6 | 3.5 | 2010-1999 |
| | V6 | 3.6 | 2018-2011 |
| | V8 | 5.7 | 2018-2005 |
| | V8 | 6.1 | 2010-2005 |
| | V8 | 6.4 | 2014-2012 |
| Aspen | V8 | 4.7 | 2009-2008 |
| | V8 | 5.7 | 2009-2007 |
| Cirrus | L4 | 2.0 | 2000 |
| | L4 | 2.4 | 2000-1995 |
| | V6 | 2.5 | 2000-1995 |
| Concorde | V6 | 2.7 | 2004-1998 |
| | V6 | 3.2 | 2001-1998 |
| | V6 | 3.3 | 1996-1993 |
| | V6 | 3.5 | 2004-2002 |
| | V6 | 3.5 | 1997-1993 |
| Cordoba | L6 | 3.7 | 1983-1980 |
| | V8 | 5.2 | 1983-1980 |
| | V8 | 5.9 | 1980 |
| Daytona | L4 | 2.2 | 1993-1984 |
| | L4 | 2.5 | 1993-1987 |
| | V6 | 3.0 | 1993-1990 |
| Dynasty | L4 | 2.5 | 1993-1988 |
| | V6 | 3.0 | 1990-1988 |

| Make / Model | Cyl | Ltr | Year |
|---------------------------|-----|-----|-----------|
| Chrysler (Cont'd) | | | |
| Dynasty | V6 | 3.3 | 1993-1990 |
| E Class, Exec. Limo/Sedan | L4 | 2.2 | 1986 |
| | L4 | 2.2 | 1984-1983 |
| | L4 | 2.5 | 1986 |
| | L4 | 2.6 | 1983 |
| Fifth Avenue | L6 | 3.7 | 1983 |
| | V8 | 5.2 | 1989-1983 |
| | | | |
| Imperial | V6 | 3.3 | 1991-1990 |
| | V6 | 3.8 | 1993-1991 |
| | V8 | 5.2 | 1983-1981 |
| Intrepid | V6 | 2.7 | 2004-1998 |
| | V6 | 3.2 | 2001-1998 |
| | V6 | 3.3 | 1997-1993 |
| | V6 | 3.5 | 2004-2000 |
| | V6 | 3.5 | 1997-1993 |
| Laser | L4 | 2.2 | 1986-1984 |
| | L4 | 2.5 | 1986 |
| LeBaron | L4 | 2.2 | 1990-1982 |
| | L4 | 2.5 | 1994-1986 |
| | L4 | 2.6 | 1983-1982 |
| | L6 | 3.7 | 1981-1979 |
| | V6 | 3.0 | 1995-1990 |
| | V8 | 5.2 | 1981-1980 |
| LHS | V6 | 3.5 | 2001-1994 |
| Neon, SX 2.0 | L4 | 2.0 | 2002-2000 |
| New Yorker | L4 | 2.2 | 1988-1983 |
| | L4 | 2.5 | 1987-1986 |
| | L4 | 2.6 | 1983 |
| | L6 | 3.7 | 1982 |
| | V6 | 3.0 | 1989-1988 |
| | V6 | 3.3 | 1993-1990 |
| | V6 | 3.5 | 1996-1994 |
| | V6 | 3.8 | 1993-1991 |
| | V8 | 5.2 | 1982-1980 |
| | V8 | 5.9 | 1980 |
| Newport | L6 | 3.7 | 1981-1979 |
| | V8 | 5.2 | 1981-1980 |
| | V8 | 5.9 | 1980 |
| Pacifica | V6 | 3.6 | 2018-2017 |
| | V6 | 3.8 | 2008-2005 |
| | V6 | 4.0 | 2008-2007 |
| Prowler | V6 | 3.5 | 2002-2001 |
| PT Cruiser | L4 | 2.4 | 2010-2001 |
| Sebring | L4 | 2.0 | 1999-1995 |
| | L4 | 2.4 | 2006-2001 |
| | L4 | 2.4 | 1998-1996 |
| | V6 | 2.5 | 2000-1995 |
| | V6 | 2.7 | 2010-2001 |
| | V6 | 3.5 | 2010-2007 |
| TC Maserati | L4 | 2.2 | 1990-1989 |
| | V6 | 3.0 | 1991-1990 |
| Town & Country | L4 | 2.2 | 1988-1982 |
| | L4 | 2.5 | 1988-1986 |
| | L6 | 3.7 | 1981-1979 |
| | V6 | 3.3 | 2010-1990 |
| | V6 | 3.6 | 2016-2011 |
| | V6 | 3.8 | 2010-1994 |
| | V6 | 4.0 | 2010-2008 |



| Make / Model | Cyl | Ltr | Year |
|-----------------------------|-----|-----|-----------|
| Chrysler (Cont'd) | | | |
| Town & Country | V8 | 5.2 | 1981-1980 |
| Voyager, Grand Voyager | L4 | 2.4 | 2003-2000 |
| | V6 | 3.0 | 2000 |
| | V6 | 3.3 | 2003-2000 |
| Dodge, Ram, SRT | | | |
| Aries (Incl. 400, 600) | L4 | 2.2 | 1989-1981 |
| | L4 | 2.5 | 1989-1986 |
| | L4 | 2.6 | 1983-1981 |
| Aspen | L6 | 3.7 | 1980-1979 |
| | V8 | 5.2 | 1980 |
| | V8 | 5.9 | 1980 |
| Avenger | L4 | 2.0 | 1999-1995 |
| | L4 | 2.4 | 2014-2011 |
| | V6 | 2.5 | 2000-1995 |
| | V6 | 2.7 | 2010-2008 |
| | V6 | 3.5 | 2010-2008 |
| | V6 | 3.6 | 2014-2011 |
| Caliber | L4 | 2.0 | 2012-2011 |
| | L4 | 2.4 | 2011 |
| Caravan, Grand Caravan, C/V | L4 | 2.2 | 1987-1984 |
| | L4 | 2.4 | 2007-1996 |
| | L4 | 2.5 | 1995-1987 |
| | V6 | 3.0 | 2000-1987 |
| | V6 | 3.3 | 2010-1990 |
| | V6 | 3.6 | 2018-2011 |
| | V6 | 3.8 | 2010-1994 |
| | V6 | 4.0 | 2010-2008 |
| CB Series Truck | L6 | 3.7 | 1979 |
| | V8 | 5.2 | 1980 |
| | V8 | 5.9 | 1980 |
| Challenger | L4 | 2.6 | 1983-1980 |
| | V6 | 3.5 | 2010-2009 |
| | V6 | 3.6 | 2018-2011 |
| | V8 | 5.7 | 2018-2009 |
| | V8 | 6.1 | 2010-2008 |
| | V8 | 6.2 | 2018-2015 |
| Charger | V8 | 6.4 | 2018-2011 |
| | L4 | 1.6 | 1986-1983 |
| | L4 | 1.7 | 1983 |
| | L4 | 2.2 | 1987-1983 |
| | V6 | 2.7 | 2010-2006 |
| | V6 | 3.5 | 2010-2006 |
| | V6 | 3.6 | 2018-2011 |
| | V8 | 5.7 | 2018-2006 |
| | V8 | 6.1 | 2010-2006 |
| | V8 | 6.2 | 2018-2015 |
| Colt | V8 | 6.4 | 2018-2012 |
| | L4 | 1.4 | 1983-1980 |
| | L4 | 1.5 | 1995-1993 |
| | L4 | 1.6 | 1983-1980 |
| D, W Series Pickup | L4 | 2.6 | 1980 |
| | L6 | 3.7 | 1987-1979 |
| | V6 | 3.9 | 1993-1988 |
| | V8 | 5.2 | 1993-1980 |
| D50, Ram 50, Power Ram 50 | V8 | 5.9 | 1993-1980 |
| | L4 | 2.0 | 1983-1980 |
| | L4 | 2.6 | 1983-1980 |
| | V6 | 3.0 | 1991-1990 |

| Make / Model | Cyl | Ltr | Year |
|---------------------------------|-----|-----|-----------|
| Dodge, Ram, SRT (Cont'd) | | | |
| Dakota | L4 | 2.2 | 1988-1987 |
| | L4 | 2.5 | 2002-1989 |
| | V6 | 3.7 | 2011-2004 |
| | V6 | 3.9 | 2003-1987 |
| | V8 | 4.7 | 2011-2008 |
| | V8 | 5.2 | 1999-1989 |
| | V8 | 5.9 | 2003-1998 |
| Dart | L4 | 1.4 | 2016-2013 |
| | L4 | 2.0 | 2016-2013 |
| | L4 | 2.4 | 2016-2013 |
| Daytona | L4 | 2.2 | 1993-1984 |
| | L4 | 2.5 | 1993-1986 |
| | V6 | 3.0 | 1993-1990 |
| Diplomat | L6 | 3.7 | 1983-1979 |
| | V8 | 5.2 | 1989-1980 |
| Durango | V6 | 3.6 | 2018-2011 |
| | V6 | 3.7 | 2009-2004 |
| | V6 | 3.9 | 1999-1998 |
| | V8 | 4.7 | 2009-2008 |
| | V8 | 5.2 | 2000-1998 |
| | V8 | 5.7 | 2018-2004 |
| | V8 | 5.9 | 2003-1998 |
| Dynasty | V8 | 6.4 | 2018 |
| | L4 | 2.5 | 1993-1988 |
| | V6 | 3.0 | 1993-1988 |
| | V6 | 3.3 | 1993-1990 |
| Intrepid | V6 | 2.7 | 2004-1998 |
| | V6 | 3.2 | 2001-1998 |
| | V6 | 3.3 | 1997-1993 |
| | V6 | 3.5 | 2004-2000 |
| | V6 | 3.5 | 1997-1993 |
| Journey | L4 | 2.4 | 2018-2011 |
| | V6 | 3.5 | 2010-2009 |
| | V6 | 3.6 | 2018-2011 |
| Lancer | L4 | 2.2 | 1989-1985 |
| | L4 | 2.5 | 1989-1986 |
| Magnum | V6 | 2.7 | 2008-2005 |
| | V6 | 3.5 | 2008-2005 |
| | V8 | 5.7 | 2008-2005 |
| | V8 | 6.1 | 2008-2006 |
| Mini Ram | L4 | 2.2 | 1988-1984 |
| | L4 | 2.5 | 1988-1987 |
| | V6 | 3.0 | 1988-1987 |
| Mirada | L6 | 3.7 | 1983-1980 |
| | V8 | 5.2 | 1983-1980 |
| | V8 | 5.9 | 1980 |
| Monaco, Royal Monaco | V6 | 3.0 | 1992-1991 |
| Neon, SX 2.0 | L4 | 2.0 | 2005-1995 |
| | L4 | 2.4 | 2005-2003 |
| Nitro | V6 | 3.7 | 2011-2007 |
| | V6 | 4.0 | 2011-2007 |
| Omni | L4 | 1.6 | 1986-1983 |
| | L4 | 1.7 | 1983-1980 |
| | L4 | 2.2 | 1990-1981 |
| ProMaster 1500,2500,3500 Van | V6 | 3.6 | 2018-2014 |
| ProMaster City Van | L4 | 2.4 | 2018-2015 |
| Ram (A, B Series Van/Truck) | L6 | 3.7 | 1987-1979 |
| | V6 | 3.9 | 2003-1988 |

| Make / Model | Cyl | Ltr | Year |
|---------------------------------|-----|-----------|-----------|
| Dodge, Ram, SRT (Cont'd) | | | |
| Ram (A, B Series Van/Truck) | V8 | 5.2 | 2003-1980 |
| | V8 | 5.9 | 2003-1980 |
| Ram Pickup | V6 | 3.6 | 2018-2013 |
| | V6 | 3.7 | 2012-2002 |
| | V6 | 3.9 | 2001-1994 |
| | V8 | 4.7 | 2013-2008 |
| | V8 | 5.2 | 2001-1994 |
| | V8 | 5.7 | 2018-2003 |
| | V8 | 5.9 | 2003-1994 |
| | V8 | 6.4 | 2014 |
| | V10 | 8.0 | 2003-1994 |
| V10 | 8.3 | 2006-2004 | |
| Ramcharger | L6 | 3.7 | 1980-1979 |
| | V8 | 5.2 | 1993-1980 |
| | V8 | 5.9 | 1993-1984 |
| | V8 | 5.9 | 1981-1980 |
| Rampage | L4 | 2.2 | 1984-1982 |
| RD Series Pickup | V8 | 5.2 | 1980 |
| | V8 | 5.9 | 1980 |
| Shadow | L4 | 2.2 | 1994-1987 |
| | L4 | 2.5 | 1994-1988 |
| | V6 | 3.0 | 1994-1992 |
| Spirit | L4 | 2.2 | 1992-1991 |
| | L4 | 2.5 | 1995-1989 |
| | V6 | 3.0 | 1995-1989 |
| St. Regis | L6 | 3.7 | 1981-1979 |
| | V8 | 5.2 | 1981-1980 |
| | V8 | 5.9 | 1980 |
| Stealth | V6 | 3.0 | 1992-1991 |
| Stratus | L4 | 2.0 | 2000-1995 |
| | L4 | 2.4 | 2006-1995 |
| | V6 | 2.5 | 2000-1995 |
| | V6 | 2.7 | 2006-2001 |
| Viper | V10 | 8.0 | 2002-1992 |
| | V10 | 8.3 | 2006-2003 |
| | V10 | 8.4 | 2017-2013 |
| | V10 | 8.4 | 2010-2008 |
| Eagle | | | |
| Premier | V6 | 3.0 | 1992-1991 |
| Summit | L4 | 1.5 | 1996-1993 |
| Talon | L4 | 2.0 | 1998-1991 |
| Vision | V6 | 3.3 | 1997-1993 |
| | V6 | 3.5 | 1997-1993 |
| Fiat | | | |
| 124, 124 Spider | L4 | 1.4 | 2018-2017 |
| 500, 500c, 500L, 500X | L4 | 1.4 | 2017-2012 |
| | L4 | 2.4 | 2018-2016 |
| Ford | | | |
| Aerostar | L4 | 2.3 | 1987-1986 |
| | V6 | 3.0 | 1991-1986 |
| | V6 | 4.0 | 1995 |
| | V6 | 4.0 | 1993 |
| | V6 | 4.0 | 1991-1990 |
| | V6 | 4.0 | 1991-1990 |
| Aspire | L4 | 1.3 | 1997-1994 |
| Bronco, Bronco II | L6 | 4.9 | 1990-1987 |
| | V6 | 2.9 | 1990 |
| | V6 | 2.9 | 1988-1986 |
| | V8 | 5.0 | 1990 |

| Make / Model | Cyl | Ltr | Year |
|-------------------------------|-----|-----------|-----------|
| Ford (Cont'd) | | | |
| Bronco, Bronco II | V8 | 5.8 | 1995 |
| | V8 | 5.8 | 1992-1990 |
| C-Max | L4 | 2.0 | 2017-2013 |
| Contour | L4 | 2.0 | 2000-1995 |
| | V6 | 2.5 | 2000-1995 |
| Crown Vic/LTD, Country Squire | V8 | 4.6 | 2011-1992 |
| | V8 | 5.0 | 1991-1986 |
| | V8 | 5.8 | 1991-1987 |
| E Series (Econoline Van) | L6 | 4.9 | 1990-1987 |
| | V6 | 4.2 | 2001-1999 |
| | V8 | 4.6 | 2008-2000 |
| | V8 | 5.0 | 1990-1986 |
| | V8 | 5.4 | 2008-1997 |
| | V8 | 5.8 | 1995 |
| | V8 | 5.8 | 1990-1986 |
| | V8 | 6.2 | 2018-2017 |
| Edge | V6 | 2.7 | 2018-2015 |
| | V6 | 3.5 | 2018-2007 |
| | V6 | 3.7 | 2014-2011 |
| | V6 | 3.7 | 2014-2011 |
| Escape | L4 | 2.0 | 2004-2001 |
| | L4 | 2.3 | 2008-2005 |
| | L4 | 2.5 | 2018-2009 |
| | V6 | 3.0 | 2012-2001 |
| Escort (Incl. ZX2, EXP) | L4 | 1.9 | 1996-1985 |
| | L4 | 2.0 | 2003-1997 |
| Excursion | V8 | 5.4 | 2005-2000 |
| | V10 | 6.8 | 2005-2000 |
| Expedition | V6 | 3.5 | 2017-2015 |
| | V8 | 4.6 | 2004-1999 |
| | V8 | 5.4 | 2004-2003 |
| | V8 | 5.4 | 2000-1999 |
| Explorer | V6 | 3.5 | 2017-2011 |
| | V6 | 3.7 | 2018-2013 |
| | V6 | 4.0 | 2003-2002 |
| | V6 | 4.0 | 1991 |
| | V6 | 4.0 | 2003-2002 |
| | V8 | 4.6 | 2003-2002 |
| F Series Pickup | L6 | 4.9 | 1990-1987 |
| | V6 | 2.7 | 2016-2015 |
| | V6 | 3.3 | 2018 |
| | V6 | 3.5 | 2016-2011 |
| | V6 | 3.7 | 2014-2011 |
| | V6 | 4.2 | 2004 |
| | V6 | 4.2 | 2001-1999 |
| | V8 | 4.6 | 2004-1999 |
| | V8 | 5.0 | 2016-2015 |
| | V8 | 5.0 | 1990 |
| | V8 | 5.4 | 2010-1997 |
| V8 | 5.8 | 1995 | |
| V8 | 5.8 | 1992-1990 | |
| V8 | 5.8 | 1992-1990 | |
| V8 | 7.5 | 1992-1990 | |
| V10 | 6.8 | 2010-1999 | |
| Festiva | L4 | 1.3 | 1993-1988 |
| Fiesta | L4 | 1.6 | 2017-2011 |
| Five Hundred | V6 | 3.0 | 2007-2005 |
| Flex | V6 | 3.5 | 2017-2009 |



| Make / Model | Cyl | Ltr | Year |
|-----------------------------|-----|-----------|-----------|
| Ford (Cont'd) | | | |
| Focus | L4 | 2.0 | 2011-2000 |
| | L4 | 2.3 | 2007-2003 |
| Freestar | V6 | 3.9 | 2007-2004 |
| | V6 | 4.2 | 2007-2004 |
| Freestyle | V6 | 3.0 | 2007-2005 |
| Fusion | L4 | 2.0 | 2017-2013 |
| | L4 | 2.3 | 2009-2006 |
| | L4 | 2.5 | 2018-2010 |
| | V6 | 2.7 | 2018-2017 |
| | V6 | 3.0 | 2012-2006 |
| V6 | 3.5 | 2012-2010 | |
| GT, GT40 | V8 | 5.4 | 2006-2005 |
| Mustang | L4 | 2.3 | 1993-1987 |
| | V6 | 3.7 | 2017-2011 |
| | V6 | 3.8 | 2004-1994 |
| | V6 | 3.9 | 2004 |
| | V6 | 4.0 | 2010-2005 |
| | V8 | 4.6 | 2010-1996 |
| | V8 | 5.0 | 2017-2011 |
| | V8 | 5.0 | 1995-1986 |
| | V8 | 5.2 | 2018-2015 |
| | V8 | 5.4 | 2012-2007 |
| | V8 | 5.4 | 2000 |
| V8 | 5.8 | 2014-2013 | |
| V8 | 5.8 | 1995 | |
| Probe | L4 | 2.0 | 1997-1993 |
| | L4 | 2.2 | 1992-1989 |
| | V6 | 2.5 | 1997-1993 |
| | V6 | 3.0 | 1992-1990 |
| Ranger | L4 | 2.3 | 1997-1986 |
| | V6 | 2.9 | 1992-1986 |
| | V6 | 3.0 | 1996 |
| | V6 | 3.0 | 1991 |
| | V6 | 4.0 | 1996 |
| V6 | 4.0 | 1991-1990 | |
| Taurus, Taurus X | L4 | 2.5 | 1991 |
| | V6 | 3.0 | 2007-1987 |
| | V6 | 3.2 | 1995-1993 |
| | V6 | 3.5 | 2017-2008 |
| | V6 | 3.7 | 2018-2013 |
| | V6 | 3.8 | 1995-1988 |
| V8 | 3.4 | 1999-1996 | |
| Tempo | L4 | 2.3 | 1994-1992 |
| | V6 | 3.0 | 1994-1992 |
| Thunderbird | L4 | 2.3 | 1988-1987 |
| | V6 | 3.8 | 1997-1988 |
| | V8 | 3.9 | 2005-2002 |
| | V8 | 4.6 | 1997-1994 |
| | V8 | 5.0 | 1993-1991 |
| V8 | 5.0 | 1988-1986 | |
| Transit (150, 250, 350) Van | V6 | 3.7 | 2018-2015 |
| Transit Connect | L4 | 2.0 | 2013-2010 |
| | L4 | 2.5 | 2017-2014 |
| Genesis | | | |
| G90 | V6 | 3.3 | 2017 |
| Geo | | | |
| Prizm | L4 | 1.6 | 1992-1990 |

| Make / Model | Cyl | Ltr | Year |
|--------------------------|-----|-----------|-----------|
| GMC | | | |
| Acadia | L4 | 2.5 | 2018-2017 |
| | V6 | 3.6 | 2019-2017 |
| | V6 | 3.6 | 2008-2007 |
| Canyon | L4 | 2.5 | 2018-2015 |
| | L4 | 2.8 | 2006-2004 |
| | L4 | 2.9 | 2012-2007 |
| | L5 | 3.5 | 2006-2004 |
| | L5 | 3.7 | 2012-2007 |
| | V6 | 3.6 | 2018-2017 |
| V8 | 5.3 | 2012-2009 | |
| Envoy | L6 | 4.2 | 2009-2002 |
| | V8 | 5.3 | 2009-2008 |
| | V8 | 5.3 | 2004-2003 |
| G Series, Savana Van | V6 | 4.3 | 2014-2008 |
| | V8 | 4.8 | 2017-2008 |
| | V8 | 5.3 | 2014-2008 |
| | V8 | 6.0 | 2017-2008 |
| Sierra | V6 | 4.3 | 2018-2008 |
| | V8 | 4.8 | 2013-2008 |
| | V8 | 5.3 | 2018-2008 |
| | V8 | 6.0 | 2018-2008 |
| | V8 | 6.2 | 2018-2008 |
| Sonoma | L4 | 2.2 | 2003-1999 |
| Terrain | L4 | 2.0 | 2018 |
| | L4 | 2.4 | 2017-2010 |
| Yukon | V8 | 4.8 | 2009-2008 |
| | V8 | 5.3 | 2018-2008 |
| | V8 | 6.0 | 2013-2008 |
| | V8 | 6.2 | 2018-2008 |
| Honda | | | |
| Accord, Accord Crosstour | L4 | 1.5 | 2018 |
| | L4 | 1.8 | 1985 |
| | L4 | 2.0 | 2018-2014 |
| | L4 | 2.0 | 1989-1986 |
| | L4 | 2.2 | 1993-1990 |
| | L4 | 2.3 | 2002-2000 |
| | L4 | 2.4 | 2017-2003 |
| | V6 | 3.0 | 2007-2003 |
| | V6 | 3.5 | 2017-2008 |
| Civic, Civic Wagovan | L4 | 1.3 | 2011-2003 |
| | L4 | 1.5 | 2018-2012 |
| | L4 | 1.5 | 1995-1992 |
| | L4 | 1.5 | 1987-1984 |
| | L4 | 1.6 | 2000-1996 |
| | L4 | 1.7 | 2005-2001 |
| | L4 | 1.8 | 2015-2006 |
| | L4 | 2.0 | 2018-2016 |
| | L4 | 2.0 | 2011-2002 |
| L4 | 2.4 | 2015-2012 | |
| Clarity | L4 | 1.5 | 2018 |
| CR-V | L4 | 1.5 | 2018-2017 |
| | L4 | 2.4 | 2018-2002 |
| CR-Z | L4 | 1.5 | 2016-2011 |
| Fit | L4 | 1.5 | 2018-2007 |
| HR-V | L4 | 1.8 | 2018-2016 |
| Insight | L3 | 1.0 | 2006-2000 |
| | L4 | 1.3 | 2014-2010 |
| Odyssey | V6 | 3.5 | 2019-1999 |

| Make / Model | Cyl | Ltr | Year |
|------------------------------|-----|-----------|-----------|
| Honda (Cont'd) | | | |
| Pilot | V6 | 3.5 | 2018-2003 |
| Prelude | L4 | 1.8 | 1987-1984 |
| | L4 | 2.0 | 1990-1985 |
| | L4 | 2.1 | 1991-1990 |
| | L4 | 2.2 | 2001-1997 |
| | L4 | 2.2 | 1993-1992 |
| Ridgeline | V6 | 3.5 | 2019-2006 |
| S2000 | L4 | 2.0 | 2003-2000 |
| | L4 | 2.2 | 2009-2004 |
| Hummer | | | |
| H2 | V8 | 6.2 | 2009-2008 |
| H3, H3T | L5 | 3.5 | 2006 |
| | L5 | 3.7 | 2010-2007 |
| | V8 | 5.3 | 2010-2008 |
| Hyundai | | | |
| Azera | V6 | 3.3 | 2017-2012 |
| Elantra | L4 | 1.4 | 2017 |
| | L4 | 1.6 | 2017 |
| | L4 | 1.6 | 1995-1993 |
| | L4 | 1.8 | 1995-1993 |
| | L4 | 2.0 | 2010-2003 |
| Excel | L4 | 1.5 | 1994-1990 |
| Genesis Coupe, Genesis Sedan | L4 | 2.0 | 2014-2010 |
| | V6 | 3.8 | 2016-2012 |
| Ioniq | L4 | 1.6 | 2018-2017 |
| Santa Fe | L4 | 2.0 | 2016-2013 |
| | L4 | 2.4 | 2016-2010 |
| | L4 | 2.4 | 2006-2001 |
| | V6 | 2.7 | 2009-2001 |
| | V6 | 3.3 | 2016-2013 |
| | V6 | 3.5 | 2012-2010 |
| | V6 | 3.5 | 2006-2003 |
| Scoupe | L4 | 1.5 | 1995-1991 |
| Sonata | L4 | 2.0 | 2016-2011 |
| | L4 | 2.0 | 1998-1993 |
| | L4 | 2.4 | 2016-1999 |
| | L4 | 2.4 | 1990-1989 |
| | V6 | 2.5 | 2001-1999 |
| | V6 | 2.7 | 2005-2002 |
| V6 | 3.0 | 1998-1990 | |
| Tiburon | V6 | 2.7 | 2008-2003 |
| Tucson | L4 | 2.0 | 2013-2011 |
| | L4 | 2.4 | 2015-2010 |
| | V6 | 2.7 | 2009-2005 |
| XG300, XG350 | V6 | 3.0 | 2001 |
| | V6 | 3.5 | 2005-2002 |
| Infiniti | | | |
| EX35, EX37 | V6 | 3.5 | 2012-2008 |
| | V6 | 3.7 | 2013 |
| FX35, FX37, FX45, FX50 | V6 | 3.5 | 2012-2003 |
| | V6 | 3.7 | 2013 |
| | V8 | 4.5 | 2008-2003 |
| | V8 | 5.0 | 2013-2009 |
| G20, G25, G35, G37 | L4 | 2.0 | 1996-1994 |
| | V6 | 2.5 | 2012-2011 |
| | V6 | 3.5 | 2008-2003 |
| | V6 | 3.7 | 2013-2008 |
| I30, I35 | V6 | 3.0 | 1996 |

| Make / Model | Cyl | Ltr | Year |
|-----------------------------|-----|-----------|-----------|
| Infiniti (Cont'd) | | | |
| JX35 | V6 | 3.5 | 2013 |
| M30, M35/35h, M37, M45, M56 | V6 | 3.0 | 1992-1990 |
| | V6 | 3.5 | 2013-2006 |
| | V6 | 3.7 | 2013-2011 |
| | V8 | 4.5 | 2010-2003 |
| | V8 | 5.6 | 2013-2011 |
| Q40, Q50, Q60 | V6 | 3.0 | 2018-2016 |
| | V6 | 3.5 | 2018-2014 |
| | V6 | 3.7 | 2015-2014 |
| Q45 | V8 | 4.5 | 2006-2002 |
| Q70, Q70L | V6 | 3.5 | 2018-2014 |
| | V6 | 3.7 | 2018-2014 |
| | V8 | 5.6 | 2018-2014 |
| QX50 | L4 | 2.0 | 2019 |
| | V6 | 3.7 | 2017-2014 |
| QX56 | V8 | 5.6 | 2013-2011 |
| QX60 | L4 | 2.5 | 2017-2014 |
| | V6 | 3.5 | 2014 |
| QX70 | V6 | 3.7 | 2017-2014 |
| | V8 | 5.0 | 2014 |
| QX80 | V8 | 5.6 | 2018-2014 |
| Isuzu | | | |
| Ascender | L6 | 4.2 | 2008-2003 |
| | V8 | 5.3 | 2004-2003 |
| Hombre | L4 | 2.2 | 2000-1999 |
| i-Series | L4 | 2.8 | 2006 |
| | L4 | 2.9 | 2008-2007 |
| | L5 | 3.5 | 2006 |
| | L5 | 3.7 | 2008-2007 |
| Jaguar | | | |
| S-Type | V6 | 3.0 | 2002-2000 |
| | V8 | 4.0 | 2002-2000 |
| XJ Series, Vanden Plas | L6 | 4.0 | 1997-1995 |
| Jeep | | | |
| Cherokee | L4 | 2.4 | 2018-2014 |
| | L4 | 2.5 | 2000-1991 |
| | L6 | 4.0 | 2001-1991 |
| | V6 | 3.2 | 2018-2014 |
| Comanche | L4 | 2.5 | 1992-1991 |
| | L6 | 4.0 | 1992-1991 |
| Commander | V6 | 3.7 | 2010-2006 |
| | V8 | 4.7 | 2009-2008 |
| | V8 | 5.7 | 2010-2006 |
| Compass | L4 | 2.0 | 2017-2011 |
| | L4 | 2.4 | 2018-2011 |
| Grand Cherokee | L6 | 4.0 | 2004-1993 |
| | V6 | 3.6 | 2018-2011 |
| | V6 | 3.7 | 2010-2005 |
| | V8 | 4.7 | 2009-2008 |
| | V8 | 4.7 | 2000-1999 |
| | V8 | 5.2 | 1998-1993 |
| | V8 | 5.7 | 2018-2005 |
| | V8 | 5.9 | 1998 |
| | V8 | 6.1 | 2010-2006 |
| V8 | 6.2 | 2018 | |
| V8 | 6.4 | 2018-2012 | |
| Liberty | L4 | 2.4 | 2005-2002 |
| | V6 | 3.7 | 2012-2002 |



| Make / Model | Cyl | Ltr | Year |
|----------------------------|-----|-----|-----------|
| Jeep (Cont'd) | | | |
| Patriot | L4 | 2.0 | 2017-2011 |
| | L4 | 2.4 | 2017-2011 |
| Renegade | L4 | 1.4 | 2017-2015 |
| | L4 | 2.4 | 2018-2015 |
| Wagoneer, Grand Wagoneer | V8 | 5.2 | 1993 |
| Wrangler (Incl. TJ & YJ) | L4 | 2.4 | 2006-2003 |
| | L4 | 2.5 | 2002-1991 |
| | L6 | 4.0 | 2006-1991 |
| | V6 | 3.6 | 2018-2012 |
| | V6 | 3.8 | 2011-2007 |
| Kia | | | |
| Amanti | V6 | 3.5 | 2006-2004 |
| Cadenza | V6 | 3.3 | 2017-2014 |
| Forte, Forte5, Forte Koup | L4 | 2.0 | 2013-2010 |
| | L4 | 2.4 | 2013-2010 |
| K900 | V6 | 3.8 | 2016-2015 |
| Magentis | L4 | 2.4 | 2010-2001 |
| | V6 | 2.5 | 2001 |
| | V6 | 2.7 | 2010-2002 |
| Niro | L4 | 1.6 | 2018-2017 |
| Optima | L4 | 2.0 | 2016-2011 |
| | L4 | 2.4 | 2016-2001 |
| | V6 | 2.5 | 2001 |
| | V6 | 2.7 | 2010-2002 |
| Rio, Rio 5 | L4 | 1.5 | 2002-2001 |
| | L4 | 1.6 | 2005-2003 |
| Rondo | L4 | 2.4 | 2012-2007 |
| | V6 | 2.7 | 2012-2007 |
| Sedona | V6 | 3.3 | 2016-2015 |
| | V6 | 3.5 | 2014-2011 |
| | V6 | 3.5 | 2005-2002 |
| Sephia | L4 | 1.6 | 1997-1995 |
| Sorento | L4 | 2.0 | 2016 |
| | L4 | 2.4 | 2016-2011 |
| | V6 | 3.3 | 2016-2014 |
| | V6 | 3.5 | 2013-2011 |
| | V6 | 3.5 | 2006-2003 |
| Spectra, Spectra 5 | L4 | 2.0 | 2009-2004 |
| Sportage | L4 | 2.0 | 2017-2011 |
| | L4 | 2.4 | 2017-2011 |
| | V6 | 2.7 | 2010-2005 |
| Land Rover | | | |
| Defender Series | V8 | 3.9 | 1995-1993 |
| | V8 | 4.0 | 1997 |
| Discovery | V8 | 3.9 | 1995-1994 |
| | V8 | 4.0 | 1999-1996 |
| Range Rover | V8 | 3.5 | 1988-1987 |
| | V8 | 3.9 | 1995-1989 |
| | V8 | 4.0 | 1998-1995 |
| | V8 | 4.2 | 1995-1993 |
| | V8 | 4.6 | 1998-1996 |
| Lexus | | | |
| ES300h | L4 | 2.5 | 2017-2013 |
| GS Series (GS200t/Turbo) | L4 | 2.0 | 2017-2016 |
| IS Series (IS200t/Turbo) | L4 | 2.0 | 2017-2016 |
| NX Series (NX200t, NX300h) | L4 | 2.0 | 2017-2015 |
| | L4 | 2.5 | 2017-2015 |
| RC Series (RC200t/Turbo) | L4 | 2.0 | 2017-2016 |

| Make / Model | Cyl | Ltr | Year |
|-------------------------|-----|-----|-----------|
| Lincoln | | | |
| Aviator | V8 | 4.6 | 2005-2003 |
| Blackwood | V8 | 5.4 | 2002 |
| Continental | V6 | 2.7 | 2018-2017 |
| | V6 | 3.0 | 2018-2017 |
| | V6 | 3.7 | 2018-2017 |
| | V6 | 3.8 | 1994-1988 |
| | V8 | 4.6 | 2002-1995 |
| | V8 | 5.0 | 1987-1986 |
| LS | V6 | 3.0 | 2005-2000 |
| | V8 | 3.9 | 2006-2000 |
| Mark Series (II - VIII) | V8 | 4.6 | 1998-1993 |
| | V8 | 5.0 | 1992-1986 |
| MKS | V6 | 3.5 | 2016-2010 |
| | V6 | 3.7 | 2016-2009 |
| MKT | V6 | 3.5 | 2017-2010 |
| | V6 | 3.7 | 2018-2010 |
| MKX | V6 | 2.7 | 2018-2016 |
| | V6 | 3.5 | 2010-2007 |
| | V6 | 3.7 | 2018-2011 |
| MKZ | L4 | 2.0 | 2017-2013 |
| | L4 | 2.5 | 2012-2011 |
| | V6 | 3.0 | 2018-2017 |
| | V6 | 3.5 | 2012-2007 |
| | V6 | 3.7 | 2016-2013 |
| Navigator | V6 | 3.5 | 2017-2015 |
| | V8 | 5.4 | 2004-2003 |
| | V8 | 5.4 | 2000-1999 |
| Town Car | V8 | 4.6 | 2011-1991 |
| | V8 | 5.0 | 1990-1986 |
| Zephyr | V6 | 3.0 | 2006 |
| Mazda | | | |
| 3 | L4 | 2.0 | 2016-2004 |
| | L4 | 2.3 | 2013-2004 |
| | L4 | 2.5 | 2016-2010 |
| 5 | L4 | 2.3 | 2010-2006 |
| | L4 | 2.5 | 2017-2012 |
| 6 | L4 | 2.3 | 2008-2003 |
| | L4 | 2.5 | 2017-2009 |
| | V6 | 3.0 | 2008-2003 |
| | V6 | 3.7 | 2013-2009 |
| 626 | L4 | 2.0 | 2002-1993 |
| | L4 | 2.0 | 1987-1983 |
| | L4 | 2.2 | 1992-1988 |
| | V6 | 2.5 | 2002-1993 |
| 929 | V6 | 3.0 | 1995-1988 |
| B Series Pickup | L4 | 2.0 | 1987-1986 |
| | L4 | 2.2 | 1993-1987 |
| | L4 | 2.3 | 1997-1994 |
| | L4 | 2.6 | 1993-1989 |
| | V6 | 3.0 | 1996 |
| | V6 | 4.0 | 1996 |
| CX-3 | L4 | 2.0 | 2017-2016 |
| CX-5 | L4 | 2.0 | 2016-2013 |
| | L4 | 2.5 | 2017-2014 |
| CX-7 | L4 | 2.3 | 2012-2007 |
| | L4 | 2.5 | 2012-2010 |
| CX-9 | L4 | 2.5 | 2017-2016 |
| | V6 | 3.5 | 2007 |

| Make / Model | Cyl | Ltr | Year |
|-----------------------|-----|-----|-----------|
| Mazda (Cont'd) | | | |
| CX-9 | V6 | 3.7 | 2015-2008 |
| GLC | L4 | 1.5 | 1985-1983 |
| Miata, MX-5 Miata | L4 | 2.0 | 2017-2016 |
| Millenia | V6 | 2.3 | 2002-1995 |
| | V6 | 2.5 | 2002-1995 |
| MPV | L4 | 2.6 | 1994-1989 |
| | V6 | 3.0 | 1995-1989 |
| MX-3, MX-3 Precedia | L4 | 1.6 | 1996-1994 |
| MX-6, MX-6 Mystère | L4 | 2.0 | 1997-1993 |
| | L4 | 2.2 | 1992-1988 |
| | V6 | 2.5 | 1997-1993 |
| Navajo | V6 | 4.0 | 1991 |
| Protege, Protege5 | L4 | 1.5 | 1998-1995 |
| RX-7 | R2 | 1.1 | 1985-1984 |
| | R2 | 1.3 | 1995-1984 |
| Tribute | L4 | 2.0 | 2004-2001 |
| | L4 | 2.3 | 2008-2005 |
| | L4 | 2.5 | 2011-2009 |
| | V6 | 3.0 | 2011-2001 |
| Mercedes-Benz | | | |
| AMG GT S | V8 | 4.0 | 2017-2016 |
| C-Class | L4 | 1.8 | 2015-2012 |
| | V6 | 3.0 | 2017-2015 |
| | V6 | 3.5 | 2016-2012 |
| | V8 | 4.0 | 2017-2015 |
| CL-Class | V8 | 4.6 | 2014-2011 |
| | V8 | 5.5 | 2014-2011 |
| CLS-Class | V8 | 4.6 | 2017-2012 |
| | V8 | 5.5 | 2017-2012 |
| E-Class | V6 | 3.5 | 2014-2012 |
| | V8 | 4.6 | 2017-2012 |
| | V8 | 5.5 | 2016-2012 |
| G-Class (SUV) | V8 | 4.0 | 2018-2016 |
| | V8 | 5.5 | 2017-2013 |
| GL-Class (SUV) | V6 | 3.0 | 2016-2015 |
| | V8 | 4.6 | 2016-2013 |
| | V8 | 5.5 | 2016-2013 |
| GLE-Class | V6 | 3.0 | 2017-2016 |
| | V6 | 3.5 | 2017-2016 |
| | V8 | 4.6 | 2017-2016 |
| | V8 | 5.5 | 2017-2016 |
| GLK-Class (SUV) | V6 | 3.5 | 2015-2013 |
| GLS-Class | V8 | 4.6 | 2017 |
| | V8 | 5.5 | 2017 |
| M-Class (SUV) | V6 | 3.0 | 2015 |
| | V6 | 3.5 | 2014-2012 |
| | V8 | 4.6 | 2015-2012 |
| | V8 | 5.5 | 2015-2012 |
| R-Class | V6 | 3.5 | 2013-2012 |
| S-Class | V8 | 4.6 | 2017-2012 |
| | V8 | 5.5 | 2017-2011 |
| SL-Class | V8 | 4.6 | 2017-2013 |
| | V8 | 5.5 | 2017-2013 |
| SLK-Class | L4 | 1.8 | 2015-2012 |
| | V6 | 3.5 | 2014-2012 |
| | V8 | 5.5 | 2016-2012 |
| | V8 | 5.5 | 2016-2012 |
| Mercury | | | |
| Capri | V8 | 5.0 | 1986 |

| Make / Model | Cyl | Ltr | Year |
|--------------------------------|-----|-----|-----------|
| Mercury (Cont'd) | | | |
| Cougar | L4 | 2.0 | 2002-1999 |
| | V6 | 2.5 | 2002-1999 |
| | V6 | 3.8 | 1997-1988 |
| | V8 | 4.6 | 1997-1994 |
| | V8 | 5.0 | 1993-1991 |
| | V8 | 5.0 | 1988-1986 |
| Grand Marquis, Colony Park | V8 | 4.6 | 2011-1992 |
| | V8 | 5.0 | 1991-1986 |
| | V8 | 5.8 | 1989-1987 |
| Lynx, LN7 | L4 | 1.9 | 1987-1985 |
| Marauder | V8 | 4.6 | 2004-2003 |
| Mariner | L4 | 2.3 | 2008-2005 |
| | L4 | 2.5 | 2011-2009 |
| | V6 | 3.0 | 2011-2005 |
| Milan | L4 | 2.3 | 2009-2006 |
| | L4 | 2.5 | 2011-2010 |
| | V6 | 3.0 | 2011-2006 |
| Montego | V6 | 3.0 | 2007-2005 |
| Monterey | V6 | 4.2 | 2007-2004 |
| Mountaineer | V6 | 4.0 | 2003-2002 |
| | V8 | 4.6 | 2003-2002 |
| Mystique | L4 | 2.0 | 2000-1995 |
| | V6 | 2.5 | 2000-1995 |
| Sable | V6 | 3.0 | 2005-1987 |
| | V6 | 3.5 | 2009-2008 |
| | V6 | 3.8 | 1995-1988 |
| Topaz | L4 | 2.3 | 1994-1992 |
| | V6 | 3.0 | 1994-1992 |
| Tracer | L4 | 1.9 | 1996-1991 |
| | L4 | 2.0 | 1999-1997 |
| Villager | V6 | 3.0 | 1994-1993 |
| Mini | | | |
| Cooper, Countryman, Paceman | L4 | 1.6 | 2016-2002 |
| Mitsubishi | | | |
| 3000GT | V6 | 3.0 | 1992-1991 |
| Eclipse | L4 | 2.0 | 1999-1991 |
| Galant, Sigma | L4 | 2.0 | 1992-1991 |
| | V6 | 3.0 | 1990-1988 |
| Lancer | L4 | 2.0 | 2012-2011 |
| | L4 | 2.4 | 2017-2011 |
| Mighty Max | L4 | 2.0 | 1983 |
| | L4 | 2.6 | 1983 |
| | V6 | 3.0 | 1994-1990 |
| Mirage | L3 | 1.2 | 2018-2014 |
| | L4 | 1.5 | 2002-1993 |
| Montero, Montero Sport | V6 | 3.0 | 1991-1990 |
| Outlander, Outlander Sport/RVR | L4 | 2.0 | 2018-2011 |
| | L4 | 2.4 | 2018-2010 |
| | V6 | 3.0 | 2018-2014 |
| Precis | L4 | 1.5 | 1994-1990 |
| Raider | V6 | 3.7 | 2009-2006 |
| Nissan | | | |
| 200SX, 240SX | L4 | 1.6 | 1996-1995 |
| | L4 | 2.0 | 1997-1995 |
| | L4 | 2.4 | 1996-1995 |
| | V6 | 3.0 | 1988-1987 |
| | V6 | 3.0 | 1989-1986 |
| 300ZX | V6 | 3.0 | 1989-1986 |
| 350Z, 370Z | V6 | 3.5 | 2009-2003 |



| Make / Model | Cyl | Ltr | Year |
|------------------------|-----|-----------|-----------|
| Nissan (Cont'd) | | | |
| 350Z, 370Z | V6 | 3.7 | 2018-2009 |
| Altima | L4 | 2.4 | 1996-1993 |
| | L4 | 2.5 | 2017-2002 |
| | V6 | 3.5 | 2014-2004 |
| | V6 | 3.5 | 2014-2004 |
| Armada | V8 | 5.6 | 2018-2017 |
| Cube | L4 | 1.8 | 2014-2009 |
| Frontier | L4 | 2.5 | 2018-2005 |
| | V6 | 4.0 | 2018-2005 |
| GT-R | V6 | 3.8 | 2018-2009 |
| Juke | L4 | 1.6 | 2015-2011 |
| Kicks | L4 | 1.6 | 2018 |
| Maxima | V6 | 3.0 | 1996-1989 |
| | V6 | 3.0 | 1986 |
| | V6 | 3.5 | 2014-2004 |
| Micra | L4 | 1.6 | 2018-2015 |
| Multi | L4 | 2.0 | 1988-1986 |
| Murano | L4 | 2.5 | 2016 |
| | V6 | 3.5 | 2014-2003 |
| NV Series Van | L4 | 2.0 | 2018-2013 |
| | V6 | 4.0 | 2018-2012 |
| | V8 | 5.6 | 2018-2012 |
| NX, Pulsar, Pulsar NX | L4 | 1.6 | 1987 |
| Pathfinder | L4 | 2.5 | 2015-2014 |
| | V6 | 3.0 | 1993-1987 |
| | V6 | 3.5 | 2014-2013 |
| | V6 | 3.5 | 2004-2003 |
| | V6 | 4.0 | 2012-2005 |
| Pickup (D21) | V6 | 3.0 | 1993-1986 |
| Qashqai | L4 | 2.0 | 2018-2017 |
| Quest | V6 | 3.0 | 1994-1993 |
| | V6 | 3.5 | 2014-2004 |
| Rogue Sport | L4 | 2.0 | 2018-2017 |
| Rogue, Rogue Select | L4 | 2.5 | 2018-2008 |
| Sentra | L4 | 1.6 | 1996-1995 |
| | L4 | 1.6 | 1988-1987 |
| | L4 | 1.8 | 2018-2013 |
| | L4 | 1.8 | 2002 |
| | L4 | 2.0 | 2012-2007 |
| L4 | 2.5 | 2012-2002 | |
| Stanza | L4 | 2.0 | 1986 |
| Titan | V8 | 5.6 | 2018-2016 |
| Versa, Versa Note | L4 | 1.6 | 2018-2009 |
| | L4 | 1.8 | 2012-2007 |
| Xterra | V6 | 4.0 | 2015-2005 |
| X-Trail | L4 | 2.5 | 2006-2005 |
| Oldsmobile | | | |
| Alero | L4 | 2.2 | 2004-2002 |
| | L4 | 2.4 | 2001-1999 |
| Bravada | L6 | 4.2 | 2004-2002 |
| Plymouth | | | |
| Acclaim | L4 | 2.5 | 1995-1989 |
| | V6 | 3.0 | 1995-1989 |
| Arrow, Arrow Pickup | L4 | 1.6 | 1980 |
| | L4 | 2.0 | 1982-1980 |
| | L4 | 2.6 | 1982-1980 |
| Breeze | L4 | 2.0 | 2000-1996 |
| | L4 | 2.4 | 2000-1996 |
| Caravelle | L4 | 2.2 | 1988-1983 |

| Make / Model | Cyl | Ltr | Year |
|--------------------------|-----|-----|-----------|
| Plymouth (Cont'd) | | | |
| Caravelle | L4 | 2.5 | 1988-1986 |
| | L4 | 2.6 | 1983 |
| | L6 | 3.7 | 1983-1979 |
| | V8 | 5.2 | 1989-1980 |
| Colt, Champ, Cricket | L4 | 1.4 | 1983-1980 |
| | L4 | 1.5 | 1995-1993 |
| | L4 | 1.6 | 1983-1980 |
| | L4 | 2.6 | 1980 |
| Expo | L4 | 2.2 | 1989-1987 |
| Gran Fury | L6 | 3.7 | 1983-1980 |
| | V8 | 5.2 | 1989-1980 |
| | V8 | 5.9 | 1980 |
| Horizon, Turismo | L4 | 1.6 | 1986-1983 |
| | L4 | 1.7 | 1983-1980 |
| | L4 | 2.2 | 1990-1981 |
| Laser | L4 | 2.0 | 1994-1991 |
| Neon, SX 2.0 | L4 | 2.0 | 2001-1995 |
| PB Series Van | L6 | 3.7 | 1983-1979 |
| | V8 | 5.2 | 1983-1980 |
| | V8 | 5.9 | 1983-1980 |
| Prowler | V6 | 3.5 | 2001-1997 |
| Reliant | L4 | 2.2 | 1989-1981 |
| | L4 | 2.5 | 1989-1986 |
| | L4 | 2.6 | 1983-1981 |
| Sapporo | L4 | 2.6 | 1983-1980 |
| Scamp | L4 | 2.2 | 1983 |
| Sundance | L4 | 2.2 | 1994-1987 |
| | L4 | 2.5 | 1994-1988 |
| | V6 | 3.0 | 1994-1992 |
| Trailduster | L6 | 3.7 | 1980-1979 |
| | V8 | 5.2 | 1981-1980 |
| | V8 | 5.9 | 1981-1980 |
| Volare | L6 | 3.7 | 1980-1979 |
| | V8 | 5.2 | 1980 |
| | V8 | 5.9 | 1980 |
| Voyager, Grand Voyager | L4 | 2.2 | 1987-1984 |
| | L4 | 2.4 | 2000-1996 |
| | L4 | 2.5 | 1995-1987 |
| | V6 | 3.0 | 2000-1987 |
| | V6 | 3.3 | 2000-1990 |
| | V6 | 3.8 | 1999-1994 |
| Pontiac | | | |
| G3, G3 Wave, Wave5 | L4 | 1.6 | 2008-2006 |
| G5, G5 Pursuit | L4 | 2.2 | 2010-2005 |
| | L4 | 2.4 | 2008-2006 |
| G6 | L4 | 2.4 | 2010-2006 |
| G8 | V8 | 6.0 | 2009-2008 |
| | V8 | 6.2 | 2009 |
| Grand Am | L4 | 2.2 | 2005-2002 |
| | L4 | 2.4 | 2001-1999 |
| Grand Prix | V8 | 5.3 | 2008 |
| Solstice | L4 | 2.4 | 2009-2006 |
| Sunfire | L4 | 2.2 | 2005-1999 |
| | L4 | 2.4 | 2002-1999 |
| Vibe | L4 | 2.4 | 2010-2009 |
| Saab | | | |
| 9-3, 9-3X | L4 | 2.0 | 2003 |
| 9-5 | L4 | 2.0 | 2011 |

| Make / Model | Cyl | Ltr | Year |
|-------------------------|-----|-----|-----------|
| Saab (Cont'd) | | | |
| 9-7X | L6 | 4.2 | 2009-2005 |
| | V8 | 5.3 | 2009-2008 |
| | V8 | 6.0 | 2009-2008 |
| Saturn | | | |
| Astra | L4 | 1.8 | 2009-2008 |
| Aura | L4 | 2.4 | 2010-2007 |
| Ion | L4 | 2.0 | 2007-2004 |
| | L4 | 2.2 | 2007-2003 |
| | L4 | 2.4 | 2007-2006 |
| L, LS, LW Series | L4 | 2.2 | 2004-2000 |
| Outlook | V6 | 3.6 | 2008-2007 |
| Sky | L4 | 2.4 | 2010-2007 |
| Vue | L4 | 2.2 | 2007-2002 |
| | L4 | 2.4 | 2010-2007 |
| | V6 | 3.5 | 2007-2004 |
| | V6 | 3.6 | 2010-2008 |
| Scion | | | |
| iA | L4 | 1.5 | 2016 |
| iQ | L4 | 1.3 | 2015-2012 |
| tC | L4 | 2.4 | 2010-2005 |
| | L4 | 2.5 | 2016-2011 |
| xA | L4 | 1.5 | 2006-2004 |
| xB | L4 | 1.5 | 2006-2004 |
| | L4 | 2.4 | 2015-2008 |
| Smart | | | |
| Fortwo | L3 | 0.9 | 2017-2016 |
| Subaru | | | |
| Ascent | H4 | 2.4 | 2019 |
| Forester | H4 | 2.0 | 2017-2014 |
| GL, RX Series | H4 | 1.8 | 1989-1988 |
| Loyale | H4 | 1.8 | 1990 |
| WRX | H4 | 2.0 | 2017-2015 |
| Suzuki | | | |
| Aerio | L4 | 2.0 | 2003-2002 |
| | L4 | 2.3 | 2007-2004 |
| Equator | L4 | 2.5 | 2012-2009 |
| | V6 | 4.0 | 2012-2009 |
| Esteem | L4 | 1.8 | 2000 |
| Forenza, Reno | L4 | 2.0 | 2008-2004 |
| Sidekick, X-90 | L4 | 1.8 | 1998-1996 |
| Swift, Swift + | L4 | 1.6 | 2008-2006 |
| Verona | L6 | 2.5 | 2006-2004 |
| Vitara, Grand Vitara | V6 | 2.5 | 2005-1999 |
| Toyota | | | |
| Avalon | L4 | 2.5 | 2017-2013 |
| Camry | L4 | 2.4 | 2009-2002 |
| | L4 | 2.5 | 2017-2010 |
| Corolla | L4 | 1.6 | 1991-1989 |
| | L4 | 2.4 | 2012-2009 |
| Echo | L4 | 1.5 | 2005-2003 |
| Highlander | L4 | 2.4 | 2007-2004 |
| | L4 | 2.7 | 2017-2009 |
| Land Cruiser | L6 | 4.5 | 1995-1993 |
| Matrix | L4 | 2.4 | 2013-2009 |
| Pickup | V6 | 3.0 | 1993-1990 |
| Prius, Prius C, Prius V | L4 | 1.5 | 2016-2012 |
| RAV4 | L4 | 2.4 | 2008-2004 |
| | L4 | 2.5 | 2016-2009 |

| Make / Model | Cyl | Ltr | Year |
|------------------------|-----|-----|-----------|
| Toyota (Cont'd) | | | |
| Sienna | L4 | 2.7 | 2013-2011 |
| Solara | L4 | 2.4 | 2008-2002 |
| Venza | L4 | 2.7 | 2016-2009 |
| Yaris | L4 | 1.5 | 2018-2012 |
| Volkswagen | | | |
| Atlas | V6 | 3.6 | 2018 |
| Jetta | L4 | 1.4 | 2016 |
| Routan | V6 | 3.6 | 2014-2011 |
| | V6 | 3.8 | 2010-2009 |
| | V6 | 4.0 | 2010-2009 |
| Volvo | | | |
| 740 Series | L4 | 2.3 | 1992-1989 |
| 850 Series | L5 | 2.4 | 1997-1993 |
| 940 Series | L4 | 2.3 | 1995-1992 |



THE SENSOR SPECIALIST™

**AUTOMOTIVE APPLICATIONS
APPLICATIONS AUTOMOBILES
APLICACIONES PARA AUTOMOVILES**





| Year | Eng | Position/Bank | Fitment Notes | Part # |
|----------------|----------|---------------|---------------|--------|
| ACURA | | | | |
| CL | | | | |
| 2003-01 | V6-3.2 | Upstream | | 24585 |
| | | Downstream | | 24584 |
| 1999-98 | L4-2.3 | Upstream | | 24625 |
| | | Downstream | | 24603 |
| | V6-3.0 | Upstream | | 24542 |
| | | Downstream | | 24603 |
| 1997 | L4-2.2 | Upstream | | 24169 |
| | | Downstream | | 24603 |
| | V6-3.0 | Upstream | | 24542 |
| | | Downstream | | 24603 |
| CSX | | | | |
| 2011-06 | L4-2.0 | Upstream | | 25699 |
| | | Downstream | | 24026 |
| EL | | | | |
| 2005-04 | L4-1.7 | Upstream | | 24664 |
| | | Downstream | | 24242 |
| 2003-01 | L4-1.7 | Upstream | | 24291 |
| | | Downstream | | 24283 |
| 2000-99 | L4-1.6 | Upstream | | 24631 |
| | | Downstream | | 24546 |
| 1998-97 | L4-1.6 | Upstream | | 24542 |
| | | Downstream | | 24546 |
| ILX | | | | |
| 2018-16 | L4-2.4 | Upstream | | 25680 |
| | | Downstream | | 24481 |
| 2015 | L4-1.5 | Upstream | | 25680 |
| | | Downstream | | 24461 |
| | L4-2.0 | Upstream | | 24835 |
| | | Downstream | | 24134 |
| | L4-2.4 | Upstream | | 25680 |
| | | Downstream | | 24462 |
| 2014-13 | L4-1.5 | Upstream | | 25680 |
| | | Downstream | | 24461 |
| | L4-2.0 | Upstream | | 24835 |
| | | Downstream | | 24048 |
| | L4-2.4 | Upstream | | 25680 |
| | | Downstream | | 24462 |
| Integra | | | | |
| 2001-96 | L4-1.8 | Upstream | | 24169 |
| | | Downstream | | 24546 |
| 1995-94 | L4-1.8 | Upstream | B18B1 Eng | 24169 |
| 1993-92 | All Engs | Upstream | | 24542 |
| 1991-86 | All Engs | Upstream | | 24033 |
| Legend | | | | |
| 1995-91 | V6-3.2 | Upstream | LH | 24172 |
| | | | RH | 24172 |
| 1990-86 | All Engs | Upstream | LH | 24033 |
| | | | RH | 24033 |
| MDX | | | | |
| 2018-17 | V6-3.0 | Upstream | F | 24372 |
| | | | R | 24372 |
| | | Downstream | F | 24482 |
| | | | R | 24110 |
| | V6-3.5 | Upstream | F | 24372 |
| | | | R | 24372 |
| | | Downstream | F | 24483 |
| | | | R | 24475 |
| 2016 | V6-3.5 | Upstream | F | 24372 |
| | | | R | 24372 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-----------------------|---------|---------------|---------------|--------|-------|
| ACURA (Cont'd) | | | | | |
| MDX (Cont'd) | | | | | |
| 2016 | V6-3.5 | Downstream | F | 24483 | |
| | | | R | 24475 | |
| 2015-14 | V6-3.5 | Upstream | F | 24372 | |
| | | | R | 24372 | |
| | | Downstream | F | 24094 | |
| | | | R | 24475 | |
| 2013-10 | V6-3.7 | Upstream | F | 24385 | |
| | | | R | 24385 | |
| | | Downstream | F | 24114 | |
| | | | R | 24435 | |
| 2009-07 | V6-3.7 | Upstream | F | 24346 | |
| | | | R | 24346 | |
| | | Downstream | F | 24267 | |
| | | | R | 24269 | |
| 2006-03 | V6-3.5 | Upstream | F | 24302 | |
| | | | R | 24302 | |
| | | Downstream | F | 24413 | |
| | | | R | 24416 | |
| 2002-01 | V6-3.5 | Upstream | | 24585 | |
| | | Downstream | | 24284 | |
| NSX | | | | | |
| 2018-17 | V6-3.5 | Upstream | LH | 27042 | |
| | | | RH | 27035 | |
| | | Downstream | LH | 24158 | |
| | | | RH | 24171 | |
| 2005-00 | V6-3.0 | Upstream | F | 24675 | |
| | | | R | 24675 | |
| | | Downstream | F | 24633 | |
| | R | | 24584 | | |
| | V6-3.2 | Upstream | F | 24679 | |
| | | | R | 24679 | |
| Downstream | | F | 24633 | | |
| 1999-97 | V6-3.0 | Upstream | F | 24172 | |
| | | | R | 24172 | |
| | | Downstream | F | 24542 | |
| | R | | 24061 | | |
| | V6-3.2 | Upstream | F | 24586 | |
| | | | R | 24587 | |
| Downstream | | F | 24542 | | |
| 1996-95 | V6-3.0 | Upstream | F | 24172 | |
| | | | R | 24172 | |
| | | Downstream | F | 24542 | |
| | R | | 24061 | | |
| | 1994-91 | V6-3.0 | Upstream | F | 24172 |
| | | | | R | 24172 |
| | | | | 24172 | |
| RDX | | | | | |
| 2018-16 | V6-3.5 | Upstream | F | 24372 | |
| | | | R | 24372 | |
| | | Downstream | F | 24482 | |
| | | | R | 24475 | |
| 2015-13 | V6-3.5 | Upstream | F | 24372 | |
| | | | R | 24372 | |
| | | Downstream | F | 24461 | |
| | | | R | 24435 | |
| 2012-07 | L4-2.3 | Upstream | | 25680 | |
| | | Downstream | | 24433 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-----------------------|---------|---------------|---------------|--------|
| ACURA (Cont'd) | | | | |
| RL, RLX | | | | |
| 2018 | V6-3.5 | Upstream | F Hybrid | 24373 |
| | | | Gas | 24372 |
| | | | R Hybrid | 27044 |
| | | | Gas | 27041 |
| | | Downstream | F Hybrid | 24474 |
| | | | Gas | 24153 |
| | | | R Hybrid | 24475 |
| | | | Gas | 24174 |
| 2017-16 | V6-3.5 | Upstream | F Hybrid | 24373 |
| | | | Gas | 24372 |
| | | | R Hybrid | 27044 |
| | | | Gas | 27041 |
| | | Downstream | F | 24474 |
| | | | R | 24475 |
| 2015-14 | V6-3.5 | Upstream | F | 24372 |
| | | | R | 24372 |
| | | Downstream | F | 24474 |
| | | | R | 24475 |
| 2012-11 | V6-3.7 | Upstream | F | 24385 |
| | | | R | 24385 |
| | | Downstream | F | 24114 |
| | | | R | 24440 |
| 2010-09 | V6-3.7 | Upstream | F | 24359 |
| | | | R | 24359 |
| | | Downstream | F | 24436 |
| | | | R | 24440 |
| 2008-05 | V6-3.5 | Upstream | F | 24302 |
| | | | R | 24302 |
| | | Downstream | F | 24259 |
| | | | R | 24255 |
| 2004 | V6-3.5 | Upstream | LH | 24239 |
| | | | RH | 24239 |
| | | Downstream | | 24541 |
| | | | | |
| 2003-96 | V6-3.5 | Upstream | LH | 24172 |
| | | | RH | 24172 |
| | | Downstream | | 24541 |
| | | | | |
| RSX | | | | |
| 2006-05 | L4-2.0 | Upstream | Type-S | 24838 |
| | | | Base; A/T | 24694 |
| | | | Base; M/T | 24838 |
| | | Downstream | | 24254 |
| | | | | |
| | | | | |
| 2004-02 | L4-2.0 | Upstream | Type-S | 24665 |
| | | | Base; A/T | 24666 |
| | | | Base; M/T | 24665 |
| | | Downstream | | 24409 |
| SLX | | | | |
| 1999-96 | All Eng | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | | Downstream | LH | 21006 |
| | | | RH | 21006 |
| TL, TLX | | | | |
| 2018-16 | L4-2.4 | Upstream | | 25680 |
| | | Downstream | | 24473 |
| | V6-3.5 | Upstream | F | 24372 |
| | | | R | 24372 |
| | | Downstream | F AWD | 24483 |
| | | | FWD | 24482 |
| | | | R | 24475 |
| | | | | |
| 2015 | L4-2.4 | Upstream | | 25680 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|--------|---------------|---------------|-------------------|----------------|
| ACURA (Cont'd) | | | | | |
| TL, TLX (Cont'd) | | | | | |
| 2015 | L4-2.4 | Downstream | | 24473 | |
| | | | | | |
| | V6-3.5 | Upstream | F | 24372 | |
| | | | R | 24372 | |
| | | Downstream | F AWD | 24094 | |
| | | | FWD | 24474 | |
| | | | R | 24475 | |
| | | | | | |
| 2014-12 | V6-3.5 | Upstream | F | 24385 | |
| | | | R | 24385 | |
| | | Downstream | F | 24114 | |
| | | | R | 24435 | |
| | V6-3.7 | Upstream | F | 24385 | |
| | | | R | 24385 | |
| Downstream | | F A/T | 24114 | | |
| | | M/T | 24459 | | |
| 2011-10 | V6-3.5 | Upstream | F | 24385 | |
| | | | R | 24385 | |
| | | Downstream | F | 24436 | |
| | | | R | 24435 | |
| | V6-3.7 | Upstream | F | 24385 | |
| | | | R | 24385 | |
| | | Downstream | F A/T | 24436 | |
| | | | M/T | 24459 | |
| 2009 | V6-3.5 | Upstream | F | 24385 | |
| | | | R | 24385 | |
| | | Downstream | F | 24436 | |
| | | | R | 24435 | |
| | V6-3.7 | Upstream | F | 24385 | |
| | | | R | 24385 | |
| | | Downstream | F | 24436 | |
| | | | R | 24435 | |
| 2008-07 | V6-3.2 | Upstream | F | 24302 | |
| | | | R | 24302 | |
| | | Downstream | F | 24267 | |
| | | | R | 24269 | |
| | V6-3.5 | Upstream | F | 24302 | |
| | | | R | 24302 | |
| | | Downstream | F A/T | 24267 | |
| | | | M/T | 24269 | |
| 2006 | V6-3.2 | Upstream | F | 24302 | |
| | | | R | 24302 | |
| | | Downstream | F A/T | 24259 | |
| | | | M/T | 24414 | |
| | V6-3.5 | Upstream | F | 24302 | |
| | | | R | 24302 | |
| | | Downstream | F A/T | 24413 | |
| | | | M/T | 24414 | |
| 2003-00 | V6-3.2 | Upstream | | 24585 | |
| | | Downstream | | 24584 | |
| | 1999 | V6-3.2 | Upstream | | 24633 |
| | | | Downstream | Calif. Federal | 24584 24603 |
| 1998-96 | L5-2.5 | Upstream | | 24675 | |
| | | Downstream | | 24541 | |
| | V6-3.2 | Upstream | LH | 24172 | |
| | | | RH | 24172 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------------|------------|---------------|---------------|--------|
| ACURA (Cont'd) | | | | |
| TL, TLX (Cont'd) | | | | |
| 1998-96 | V6-3.2 | Downstream | | 24540 |
| 1995 | L5-2.5 | Upstream | | 24675 |
| | | Downstream | | 24541 |
| TSX | | | | |
| 2014-10 | L4-2.4 | Upstream | | 25680 |
| | | Downstream | | 24434 |
| | V6-3.5 | Upstream | F | 24385 |
| | | | R | 24385 |
| | Downstream | F | 24436 | |
| | | R | 24435 | |
| 2009 | L4-2.4 | Upstream | | 25680 |
| | | Downstream | | 24434 |
| 2008-04 | L4-2.4 | Upstream | | 24668 |
| | | Downstream | | 24258 |
| Vigor | | | | |
| 1994-92 | L5-2.5 | Upstream | | 24169 |
| ZDX | | | | |
| 2013 | V6-3.7 | Upstream | F | 24385 |
| | | | R | 24385 |
| | | Downstream | F | 24469 |
| | | | R | 24435 |
| 2012-10 | V6-3.7 | Upstream | F | 24385 |
| | | | R | 24385 |
| | | Downstream | F | 24114 |
| | | | R | 24435 |
| ALFA ROMEO | | | | |
| 164 | | | | |
| 1995 | V6-3.0 | Upstream | | 25548 |
| 1994 | V6-3.0 | Upstream | To 6/94 | 25059 |
| | | | From 6/94 | 25548 |
| 1993-91 | V6-3.0 | Upstream | | 25040 |
| GTV-6 | | | | |
| 1986-83 | V6-2.5 | Upstream | | 25499 |
| 1982-81 | V6-2.5 | Upstream | | 25031 |
| Milano | | | | |
| 1989 | V6-2.5 | Upstream | | 25040 |
| | V6-3.0 | Upstream | | 25040 |
| 1988 | V6-2.5 | Upstream | | 25034 |
| | V6-3.0 | Upstream | | 25034 |
| 1987 | V6-2.5 | Upstream | | 25499 |
| | V6-3.0 | Upstream | | 25034 |
| Spider, Spider Veloce | | | | |
| 1994-90 | L4-2.0 | Upstream | | 25040 |
| 1989-86 | L4-2.0 | Upstream | | 25499 |
| 1985-82 | L4-2.0 | Upstream | | 25031 |
| AMERICAN MOTORS | | | | |
| AMX | | | | |
| 1980 | L6-4.2 | Upstream | | 23021 |
| Concord | | | | |
| 1983 | L6-4.2 | Upstream | | 23552 |
| 1982 | L4-2.5 | Upstream | Calif. | 21553 |
| | | | Federal | 23552 |
| | | | | 23552 |
| 1981 | L4-2.5 | Upstream | | 21553 |
| | | | | 23552 |
| 1980 | L4-2.5 | Upstream | | 21553 |
| | | | | 23021 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---------------------------------|----------|---------------|--|--------|
| AMERICAN MOTORS (Cont'd) | | | | |
| Eagle | | | | |
| 1988 | L6-4.2 | Upstream | | 21002 |
| 1987-85 | L6-4.2 | Upstream | | 22534 |
| 1984 | L4-2.5 | Upstream | | 22534 |
| | | | 22534 | |
| 1983 | L4-2.5 | Upstream | | 22534 |
| | | | 23552 | |
| 1982 | L4-2.5 | Upstream | Calif. | 21553 |
| | | | Federal | 23552 |
| | | | | 23552 |
| 1981 | L4-2.5 | Upstream | | 21553 |
| | | | | 23552 |
| 1980 | L6-4.2 | Upstream | | 23021 |
| Pacer | | | | |
| 1980 | L6-4.2 | Upstream | | 23021 |
| Spirit | | | | |
| 1983 | L6-4.2 | Upstream | | 23552 |
| 1982 | L4-2.5 | Upstream | Calif. | 21553 |
| | | | Federal | 23552 |
| | | | | 23552 |
| 1981 | L4-2.5 | Upstream | | 21553 |
| | | | | 23552 |
| 1980 | L4-2.5 | Upstream | | 21553 |
| | | | | 23021 |
| AM GENERAL | | | | |
| Hummer | | | | |
| 1996-95 | V8-5.7 | Upstream | | 21002 |
| ASUNA | | | | |
| GT, SE | | | | |
| 1993 | L4-1.6 | Upstream | | 21002 |
| Sunfire | | | | |
| 1993 | L4-1.8 | Upstream | | 24601 |
| Sunrunner | | | | |
| 1993 | L4-1.6 | Upstream | Calif. | 21508 |
| | | | Federal | 21541 |
| 1992 | L4-1.6 | Upstream | | 21541 |
| AUDI | | | | |
| 80, 80 Quattro | | | | |
| 1992-88 | All Engs | Upstream | | 25040 |
| 90, 90 Quattro, Super 90 | | | | |
| 1995-94 | V6-2.8 | Upstream | LH | 25034 |
| | | | RH | 25034 |
| 1993 | V6-2.8 | Upstream | Quattro; To Chassis #8C-P-190 000 | 25036 |
| | | | Exc. Quattro | 25034 |
| | | | LH Quattro; From Chassis #8C-P-190 001 | 25034 |
| | | | RH Quattro; From Chassis #8C-P-190 001 | 25034 |
| 1992-88 | All Engs | Upstream | | 25040 |
| 100, 100 Quattro | | | | |
| 1994 | V6-2.8 | Upstream | LH To Chassis #4A-R-062 000 | 25034 |
| | | | From Chassis #4A-R-062 001 | 25642 |
| | | | RH To Chassis #4A-R-062 000 | 25034 |
| | | | From Chassis #4A-R-062 001 | 25642 |
| 1993 | V6-2.8 | Upstream | LH Exc. Quattro | 25034 |
| | | | Quattro; To Chassis #4A-P-022 306 | 25036 |
| | | | Quattro; From Chassis #4A-P-022 307 | 25034 |
| | | | RH Exc. Quattro | 25034 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------------------|--------------------------------|--------------------------------|---|-----------------------------|-------|
| AUDI (Cont'd) | | | | | |
| 100, 100 Quattro (Cont'd) | | | | | |
| 1993 | V6-2.8 | Upstream | LH Quattro; To Chassis #4A-P-022 306 | 25036 | |
| | | | RH Quattro; From Chassis #4A-P-022 307 | 25034 | |
| 1992 | V6-2.8 | Upstream | LH | 25036 | |
| | | | RH | 25036 | |
| 1991-89 | All Engs | Upstream | | 25040 | |
| 200, 200 Quattro | | | | | |
| 1991-89 | L5-2.2 | Upstream | | 25040 | |
| 4000, 4000 Quattro | | | | | |
| 1987-85 | L4-1.8 | Upstream | | 25040 | |
| | L5-2.2 | Upstream | | 23044 | |
| 1984-80 | All Engs | Upstream | | 23044 | |
| 5000, 5000 Quattro | | | | | |
| 1988 | L5-2.2 | Upstream | | 25040 | |
| | L5-2.3 | Upstream | | 25040 | |
| 1987 | L5-2.2 | Upstream | Turbo | 25040 | |
| | | | Non-Turbo | 23044 | |
| 1986 | L5-2.2 | Upstream | Turbo | 25040 | |
| | | | Non-Turbo | 23044 | |
| 1985-79 | L5-2.2 | Upstream | | 23044 | |
| A3, A3 Quattro, S3, RS3 | | | | | |
| 2017 | L4-1.4 | Upstream | | 27039 | |
| | | Downstream | | 25233 | |
| | L4-2.0 | Upstream | CNTC Eng | 27055 | |
| 2016 | L4-1.4 | Downstream | CYFB Eng | 25766 | |
| | | Upstream | | 27039 | |
| | L4-1.8 | Downstream | | 25233 | |
| | | Upstream | | 27056 | |
| | L4-2.0 | Downstream | | 25766 | |
| Upstream | | Diesel (w/ 1 Upstream O2 Only) | 24326 | | |
| 2015 | L4-1.8 | Downstream | Gas; CYFB Eng | 27055 | |
| | | Upstream | Gas; CNTC Eng | 25766 | |
| | L4-2.0 | Downstream | Diesel (w/ 1 Upstream O2 Only) | 24326 | |
| | | Upstream | Gas; CNTC Eng | 25766 | |
| 2013-12 | L4-2.0 | Upstream | Diesel; CBEA Eng | 24328 | |
| | | | Gas; CCTA Eng | 24326 | |
| | | | Gas; CBFA Eng; Loc. Before Starter Cat. | 24326 | |
| | Intermediate | Gas; CBFA Eng; Loc. in Cat. | 25687 | | |
| | | Downstream | Diesel; CBEA Eng | 24342 | |
| | Downstream | Gas; CCTA Eng | 25657 | | |
| | | Gas; CBFA Eng; Loc. After Cat. | 25657 | | |
| 2011 | L4-2.0 | Upstream | Diesel; CBEA Eng | 24328 | |
| | | | Gas; CCTA Eng | 24326 | |
| | | | Gas; CBFA Eng; Loc. Before Starter Cat. | 24326 | |
| | Intermediate | Gas; CBFA Eng; Loc. in Cat. | 25656 | | |
| | | Downstream | Diesel; CBEA Eng | 24342 | |
| | Downstream | Gas; CCTA Eng; AWD | 25675 | | |
| | | Gas; CCTA Eng; FWD | 25657 | | |
| Downstream | Gas; CBFA Eng; Loc. After Cat. | 25657 | | | |
| | Intermediate | Gas; CBFA Eng; Loc. in Cat. | 25656 | | |
| 2010 | L4-2.0 | Upstream | Diesel; CBEA Eng | 24328 | |
| | | | Gas; CCTA Eng | 24326 | |
| | | | Gas; CBFA Eng; Loc. Before Starter Cat. | 24326 | |
| | | | Gas; CBFA Eng; Loc. After Cat. | 24326 | |
| 2010 | L4-2.0 | Upstream | Diesel; CBEA Eng | 24328 | |
| | | | Gas; CCTA Eng | 24326 | |
| | | | Gas; CBFA Eng; Loc. Before Starter Cat. | 24326 | |
| | | | Gas; CBFA Eng; Loc. After Cat. | 24326 | |
| 2010 | L4-2.0 | Intermediate | Gas; CBFA Eng; Loc. in Cat. | 25656 | |
| | | | Downstream | Gas; CBFA Eng; Loc. in Cat. | 25656 |
| | | | Downstream | Gas; CBFA Eng; Loc. in Cat. | 25656 |
| | | | Downstream | Gas; CBFA Eng; Loc. in Cat. | 25656 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|--------------|---------------------------|------------------------------------|--------------------------|-------|
| AUDI (Cont'd) | | | | | |
| A3, A3 Quattro, S3, RS3 (Cont'd) | | | | | |
| 2010 | L4-2.0 | Downstream | Diesel; CBEA Eng | 24342 | |
| | | | Gas; CCTA Eng | 25675 | |
| | | | Gas; CBFA Eng; Loc. After Cat. | 25675 | |
| 2009 | L4-2.0 | Upstream | CCTA Eng | 24326 | |
| | | | CBFA Eng; Loc. Before Starter Cat. | 24326 | |
| | | | Intermediate | CBFA Eng; Loc. in Cat. | 25656 |
| | Downstream | CCTA Eng | 25675 | | |
| | | CBFA Eng; Loc. After Cat. | 25675 | | |
| | V6-3.2 | Upstream | LH | 24323 | |
| | | | RH | 24326 | |
| Downstream | | LH | 25725 | | |
| | | RH | 25675 | | |
| 2008 | L4-2.0 | Upstream | BPY Eng | 24326 | |
| | | | CCTA Eng | 24326 | |
| | | | CBFA Eng; Loc. Before Starter Cat. | 24326 | |
| | Intermediate | CBFA Eng; Loc. in Cat. | 25656 | | |
| | | Downstream | BPY Eng | 25675 | |
| | Downstream | CCTA Eng | 25675 | | |
| | | CBFA Eng; Loc. After Cat. | 25675 | | |
| V6-3.2 | Upstream | LH | 24323 | | |
| | | RH | 24326 | | |
| | Downstream | LH | 25725 | | |
| | | RH | 25675 | | |
| 2007-06 | L4-2.0 | Upstream | | 24326 | |
| | | | Downstream | | 25675 |
| | V6-3.2 | Upstream | LH | 24323 | |
| | | | RH | 24326 | |
| Downstream | LH | 25725 | | | |
| | RH | 25675 | | | |
| A4, A4 Quattro, S4, RS4 | | | | | |
| 2017 | L4-2.0 | Upstream | CYMC Eng | 27050 | |
| | | | Downstream | CYMC Eng | 25764 |
| 2016-11 | L4-2.0 | Upstream | | 24328 | |
| | | | Downstream | | 25657 |
| | V6-3.0 | Upstream | LH | 27002 | |
| | | | RH | 27002 | |
| Downstream | LH | 25197 | | | |
| | RH | 25197 | | | |
| 2010 | L4-2.0 | Upstream | | 24328 | |
| | | | Downstream | | 25729 |
| | V6-3.0 | Upstream | LH | 27002 | |
| | | | RH | 27002 | |
| | Downstream | LH | 25197 | | |
| | | RH | 25197 | | |
| 2009 | L4-2.0 | Upstream | BWT Eng | 24339 | |
| | | | CAEB Eng | 24328 | |
| | | | Downstream | BWT Eng | 25656 |
| | V6-3.2 | Upstream | LH | CAEB Eng | 25729 |
| | | | RH | BKH Eng | 24308 |
| | | Downstream | LH | CALA Eng; LEV Emissions | 24308 |
| | | | RH | CALA Eng; ULEV Emissions | 27002 |
| 2010 | L4-2.0 | Upstream | BKH Eng | 24308 | |
| | | | Downstream | CALA Eng; LEV Emissions | 24308 |
| | V6-3.2 | Upstream | LH | CALA Eng; ULEV Emissions | 27002 |
| | | | RH | BKH Eng | 24308 |
| Downstream | LH | CALA Eng; LEV Emissions | 24308 | | |
| | RH | CALA Eng; ULEV Emissions | 27002 | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|------------|---------------|--|----------------|
| AUDI (Cont'd) | | | | |
| A4, A4 Quattro, S4, RS4 (Cont'd) | | | | |
| 2009 | V8-4.2 | Upstream | LH | 24316 |
| | | | RH | 24316 |
| | | Downstream | LH | 25621 |
| | | | RH | 25621 |
| 2008-07 | L4-2.0 | Upstream | | 24339 |
| | | Downstream | | 25656 |
| | V6-3.2 | Upstream | LH | 24308 |
| | | | RH | 24308 |
| | Downstream | LH | 25079 | |
| | | RH | 25083 | |
| 2006 | L4-1.8 | Upstream | | 24317 |
| | | Downstream | | 25605 |
| | L4-2.0 | Upstream | | 24339 |
| | | Downstream | | 25656 |
| | V6-3.0 | Upstream | LH | 24321 |
| | | | RH | 24321 |
| | | Downstream | LH | 25604 |
| | | | RH | 25604 |
| V6-3.2 | Upstream | LH | 24308 | |
| | | RH | 24308 | |
| | Downstream | LH | To Chassis #8E-6-035 000 From Chassis #8E-6-035 001 | 25173 25079 |
| | | RH | To Chassis #8E-6-035 000 From Chassis #8E-6-035 001 | 25174 25083 |
| V8-4.2 | Upstream | LH | 24316 | |
| | | RH | 24316 | |
| | Downstream | LH | 25621 | |
| | | RH | 25621 | |
| 2005 | L4-1.8 | Upstream | | 24317 |
| | | Downstream | | 25605 |
| | L4-2.0 | Upstream | | 24339 |
| | | Downstream | | 25656 |
| | V6-3.0 | Upstream | LH | 24321 |
| | | | RH | 24321 |
| | | Downstream | LH | 25604 |
| | | | RH | 25604 |
| | V6-3.2 | Upstream | LH | 24308 |
| | | | RH | 24308 |
| | | Downstream | LH | 25173 |
| | | | RH | 25174 |
| V8-4.2 | Upstream | LH | 24316 | |
| | | RH | 24316 | |
| | Downstream | LH | 25621 | |
| | | RH | 25621 | |
| 2004 | L4-1.8 | Upstream | | 24317 |
| | | Downstream | | 25605 |
| | V6-3.0 | Upstream | LH | 24321 |
| | | | RH | 24321 |
| | | Downstream | LH | 25605 |
| | | | RH | 25605 |
| V8-4.2 | Upstream | LH | 24316 | |
| | | RH | 24316 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|----------------------------|---------|-------|
| AUDI (Cont'd) | | | | | |
| A4, A4 Quattro, S4, RS4 (Cont'd) | | | | | |
| 2004 | V8-4.2 | Downstream | LH | 25621 | |
| | | | RH | 25621 | |
| 2003 | L4-1.8 | Upstream | | 24317 | |
| | | Downstream | | 25605 | |
| | V6-3.0 | Upstream | LH | 24321 | |
| | | | RH | 24321 | |
| | | Downstream | LH | 25605 | |
| | | | RH | 25605 | |
| 2002 | L4-1.8 | Upstream | | 24317 | |
| | | Downstream | | 25605 | |
| | V6-2.7 | Upstream | LH | 25589 | |
| | | | RH | 25589 | |
| | | Downstream | LH | 25597 | |
| | | | RH | 25597 | |
| | V6-3.0 | Upstream | LH | 24321 | |
| | | | RH | 24321 | |
| Downstream | | LH | 25605 | | |
| | | RH | 25605 | | |
| 2001 | L4-1.8 | Upstream | | 24317 | |
| | | Downstream | | 25605 | |
| | V6-2.7 | Upstream | LH | 25589 | |
| | | | RH | 25589 | |
| | | Downstream | LH | 25597 | |
| | | | RH | 25597 | |
| | V6-2.8 | Upstream | LH | 25589 | |
| | | | RH | 25589 | |
| | | Downstream | LH | 25597 | |
| | | | RH | 25597 | |
| 2000 | L4-1.8 | Upstream | AEB Eng | 25644 | |
| | | | ATW Eng | 25705 | |
| | Downstream | | AEB Eng | 25550 | |
| | | | ATW Eng | 25605 | |
| V6-2.7 | Upstream | LH | 25589 | | |
| | | RH | 25589 | | |
| | Downstream | LH | 25597 | | |
| | | RH | 25597 | | |
| V6-2.8 | Upstream | LH | 25589 | | |
| | | RH | 25589 | | |
| | Downstream | LH | 25597 | | |
| | | RH | 25597 | | |
| 1999 | L4-1.8 | Upstream | | 25644 | |
| | | Downstream | | 25550 | |
| | V6-2.8 | Upstream | LH | 25550 | |
| | | | RH | 25550 | |
| | | Downstream | LH | 25552 | |
| | | | RH | 25552 | |
| 1998 | L4-1.8 | Upstream | To Chassis #8D-W-007 799 | 25549 | |
| | | | From Chassis #8D-W-007 800 | 25644 | |
| | Downstream | | | 25550 | |
| | | | | | |
| V6-2.8 | Upstream | LH | 25550 | | |
| | | RH | 25550 | | |
| | Downstream | LH | 25552 | | |
| | | RH | 25552 | | |
| 1997 | L4-1.8 | Upstream | | 25549 | |
| | | Downstream | | 25550 | |
| | V6-2.8 | Upstream | LH | AFC Eng | 25525 |
| | | | | AHA Eng | 25550 |
| | | Downstream | LH | AFC Eng | 25525 |
| | | | | AHA Eng | 25550 |
| | Downstream | LH | | 25552 | |
| | | | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|---------------|--------|-------|
| AUDI (Cont'd) | | | | | |
| A4, A4 Quattro, S4, RS4 (Cont'd) | | | | | |
| 1997 | V6-2.8 | Downstream | RH | 25552 | |
| 1996 | V6-2.8 | Upstream | LH | 25525 | |
| | | | RH | 25525 | |
| | | Downstream | LH | 25552 | |
| | | | RH | 25552 | |
| 1994-92 | L5-2.2 | Upstream | | 25524 | |
| A5, A5 Quattro, S5, RS5 | | | | | |
| 2017-16 | L4-2.0 | Upstream | | 24328 | |
| | | Downstream | | 25657 | |
| | V6-3.0 | Upstream | LH | 27002 | |
| | | | RH | 27002 | |
| | Downstream | LH | 25197 | | |
| | | RH | 25197 | | |
| 2015-13 | L4-2.0 | Upstream | | 24328 | |
| | | Downstream | | 25657 | |
| | V6-3.0 | Upstream | LH | 27002 | |
| | | | RH | 27002 | |
| | | Downstream | LH | 25197 | |
| | | | RH | 25197 | |
| | V8-4.2 | Upstream | LH | 27050 | |
| | | | RH | 27050 | |
| | | Downstream | LH | 25657 | |
| | | | RH | 25657 | |
| | 2012 | L4-2.0 | Upstream | | 24328 |
| | | | Downstream | | 25657 |
| V6-3.0 | | Upstream | LH | 27002 | |
| | | | RH | 27002 | |
| | | Downstream | LH | 25197 | |
| | | | RH | 25197 | |
| V8-4.2 | | Upstream | LH | 24327 | |
| | | | RH | 24327 | |
| | | Downstream | LH | 25657 | |
| | | | RH | 25657 | |
| 2011 | | L4-2.0 | Upstream | | 24328 |
| | | | Downstream | | 25729 |
| | V6-3.0 | Upstream | LH | 27002 | |
| | | | RH | 27002 | |
| | | Downstream | LH | 25197 | |
| | | | RH | 25197 | |
| | V8-4.2 | Upstream | LH | 24327 | |
| | | | RH | 24327 | |
| | | Downstream | LH | 25657 | |
| | | | RH | 25657 | |
| | 2010 | L4-2.0 | Upstream | | 24328 |
| | | | Downstream | | 25729 |
| V6-3.0 | | Upstream | LH | 27002 | |
| | | | RH | 27002 | |
| | | Downstream | LH | 25197 | |
| | | | RH | 25197 | |
| V6-3.2 | | Upstream | LH | LEV | 24308 |
| | | | | ULEV | 27002 |
| | | | RH | LEV | 24308 |
| | | | | ULEV | 27002 |
| | | Downstream | LH | | 25197 |
| | | | RH | | 25197 |
| V8-4.2 | | Upstream | LH | | 24327 |
| | | | RH | | 24327 |
| | | Downstream | LH | | 25657 |
| | | | RH | | 25657 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--|------------|---------------|---------------|--------------------------------|-----------|-------|
| AUDI (Cont'd) | | | | | | |
| A5, A5 Quattro, S5, RS5 (Cont'd) | | | | | | |
| 2009-08 | V6-3.2 | Upstream | LH | LEV | 24308 | |
| | | | | ULEV | 27002 | |
| | | | RH | LEV | 24308 | |
| | | | ULEV | 27002 | | |
| | | Downstream | LH | | 25197 | |
| | | | RH | | 25197 | |
| | V8-4.2 | Upstream | LH | | 24327 | |
| | | | RH | | 24327 | |
| | | Downstream | LH | | 25657 | |
| | | | RH | | 25657 | |
| A6, A6 Quattro, A6 Allroad Quattro, S6, RS6 | | | | | | |
| 2017 | L4-2.0 | Upstream | | CYNB Eng | 27052 | |
| | | Downstream | | CYNB Eng | 25764 | |
| | V6-3.0 | Upstream | LH | Gas | 27043 | |
| | | | RH | Gas | 27043 | |
| | | Downstream | LH | Gas | 25244 | |
| | | | RH | Gas | 25244 | |
| | V8-4.0 | Upstream | | Cyls. 1-4 | 27055 | |
| | | | | Cyls. 5-8 | 27050 | |
| | | Downstream | | Cyls. 1-4 | 25729 | |
| | | | | Cyls. 5-8 | 25725 | |
| | 2016 | L4-2.0 | Upstream | | CPMB Eng | 24328 |
| | | | | | CYNB Eng | 27052 |
| | | | Downstream | | CPMB Eng | 25657 |
| | | | | | CYNB Eng | 25764 |
| V6-3.0 | | Upstream | | Diesel (w/ 1 Upstream O2 Only) | 24328 | |
| | | | LH | Gas | 27043 | |
| | | Downstream | RH | Gas | 27043 | |
| | | | LH | Gas | 25244 | |
| RH | | Gas | 25244 | | | |
| | | V8-4.0 | Upstream | | Cyls. 1-4 | 27055 |
| | | | | Cyls. 5-8 | 27050 | |
| Downstream | | | | Cyls. 1-4 | 25729 | |
| | | | Cyls. 5-8 | 25725 | | |
| 2015-14 | L4-2.0 | Upstream | | 24328 | | |
| | | Downstream | | 25657 | | |
| | V6-3.0 | Upstream | | Diesel (w/ 1 Upstream O2 Only) | 24328 | |
| | | | LH | Gas | 27002 | |
| | | Downstream | RH | Gas | 27002 | |
| | | | LH | Gas | 25197 | |
| | RH | Gas | 25197 | | | |
| | | V8-4.0 | Upstream | | Cyls. 1-4 | 27055 |
| | | | | Cyls. 5-8 | 27050 | |
| | Downstream | | | Cyls. 1-4 | 25729 | |
| | | | Cyls. 5-8 | 25725 | | |
| 2013 | L4-2.0 | Upstream | | 24328 | | |
| | | Downstream | | 25657 | | |
| | V6-3.0 | Upstream | LH | | 27002 | |
| | | | RH | | 27002 | |
| | | Downstream | LH | | 25197 | |
| | | | RH | | 25197 | |
| | V8-4.0 | Upstream | | Cyls. 1-4 | 27055 | |
| | | | | Cyls. 5-8 | 27050 | |
| | | Downstream | | Cyls. 1-4 | 25729 | |
| | | | | Cyls. 5-8 | 25725 | |
| 2012 | L4-2.0 | Upstream | | 24328 | | |
| | | Downstream | | 25657 | | |
| | V6-3.0 | Upstream | LH | | 27002 | |
| | | | RH | | 27002 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|------------|---------------|---------------|-------------------|
| AUDI (Cont'd) | | | | |
| A6, A6 Quattro, A6 Allroad Quattro, S6, RS6 (Cont'd) | | | | |
| 2012 | V6-3.0 | Downstream | LH | 25197 |
| | | | RH | 25197 |
| 2011-10 | V6-3.0 | Upstream | LH | 27002 |
| | | | RH | 27002 |
| | | Downstream | LH | 25079 |
| | | | RH | 25083 |
| | V6-3.2 | Upstream | Cyls. 1-3 | 27002 |
| | | | Cyls. 4-6 | 27002 |
| | | Downstream | Cyls. 1-3 | 25174 |
| | | | Cyls. 4-6 | 25173 |
| | V8-4.2 | Upstream | LH | 24309 |
| | | | RH | 24309 |
| | | Downstream | LH | 25729 |
| | | | RH | 25725 |
| | V10-5.2 | Upstream | Cyls. 1-3 | 24328 |
| | | | Cyls. 4, 5 | 24323 |
| Cyls. 6-8 | | | 24328 | |
| Cyls. 9, 10 | | | 24328 | |
| Downstream | | Cyls. 1-3 | 25657 | |
| | | Cyls. 4, 5 | 25675 | |
| | | Cyls. 6-8 | 25729 | |
| | | Cyls. 9, 10 | 25682 | |
| 2009 | V6-3.0 | Upstream | LH | 27002 |
| | | | RH | 27002 |
| | | Downstream | LH | CAJA Eng 25173 |
| | | | | CCAA Eng 25079 |
| | | | RH | CAJA Eng 25174 |
| | | | | CCAA Eng 25083 |
| | V6-3.2 | Upstream | Cyls. 1-3 | 24308 |
| | | | Cyls. 4-6 | 24308 |
| | | Downstream | Cyls. 1-3 | 25083 |
| | | | Cyls. 4-6 | 25079 |
| | V8-4.2 | Upstream | LH | 24309 |
| | | | RH | 24309 |
| | | Downstream | LH | 25729 |
| | | | RH | 25725 |
| V10-5.2 | Upstream | Cyls. 1-3 | 24334 | |
| | | Cyls. 4, 5 | 24323 | |
| | | Cyls. 6-8 | 24328 | |
| | | Cyls. 9, 10 | 24328 | |
| | Downstream | Cyls. 1-3 | 25657 | |
| | | Cyls. 4, 5 | 25675 | |
| | | Cyls. 6-8 | 25729 | |
| | | Cyls. 9, 10 | 25682 | |
| 2008 | V6-3.2 | Upstream | Cyls. 1-3 | 24308 |
| | | | Cyls. 4-6 | 24308 |
| | | Downstream | Cyls. 1-3 | 25083 |
| | | | Cyls. 4-6 | 25079 |
| | V8-4.2 | Upstream | LH | 24309 |
| | | | RH | 24309 |
| | | Downstream | LH | 25729 |
| | | | RH | 25725 |
| | V10-5.2 | Upstream | Cyls. 1-3 | 24334 |
| | | | Cyls. 4, 5 | 24323 |
| | | | Cyls. 6-8 | 24328 |
| | | | Cyls. 9, 10 | 24328 |
| | | Downstream | Cyls. 1-3 | 25657 |
| | | | Cyls. 4, 5 | 25675 |
| Cyls. 6-8 | | | 25729 | |
| Cyls. 9, 10 | | | 25682 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|--------------------------|--------------------------|-------|
| AUDI (Cont'd) | | | | | |
| A6, A6 Quattro, A6 Allroad Quattro, S6, RS6 (Cont'd) | | | | | |
| 2007 | V6-3.2 | Upstream | Cyls. 1-3 | 24308 | |
| | | | Cyls. 4-6 | 24308 | |
| | | Downstream | Cyls. 1-3 | 25083 | |
| | | | Cyls. 4-6 | 25079 | |
| | | V8-4.2 | Upstream | LH | 24309 |
| | | | | RH | 24309 |
| | Downstream | | LH | 25729 | |
| | | | RH | 25725 | |
| | V10-5.2 | Upstream | Cyls. 1-3 | 24327 | |
| | | | Cyls. 4, 5 | 24319 | |
| | | | Cyls. 6-8 | 24336 | |
| | | | Cyls. 9, 10 | 24335 | |
| | | Downstream | Cyls. 1-3 | 25657 | |
| | | | Cyls. 4, 5 | 25675 | |
| | | | Cyls. 6-8 | 25729 | |
| | | | Cyls. 9, 10 | 25682 | |
| | 2006 | V6-3.2 | Upstream | Cyls. 1-3 | 24308 |
| | | | | Cyls. 4-6 | 24308 |
| | | | Downstream | Cyls. 1-3 | 25083 |
| | | Cyls. 4-6 | | 25079 | |
| | | V8-4.2 | Upstream | LH | 24309 |
| | | | | RH | 24309 |
| | Downstream | | LH | 25657 | |
| | | RH | 25656 | | |
| 2005 | V6-2.7 | Upstream | LH | 25605 | |
| | | | RH | 25605 | |
| | | Downstream | LH | 25621 | |
| | | | RH | 25621 | |
| | V6-3.2 | Upstream | Cyls. 1-3 | 24308 | |
| | | | Cyls. 4-6 | 24308 | |
| | | Downstream | Cyls. 1-3 | 25083 | |
| | | | Cyls. 4-6 | 25079 | |
| | V8-4.2 | Upstream | LH | A6 Quattro 24309 | |
| | | | | Allroad Quattro 24316 | |
| RH | | | A6 Quattro 24309 | | |
| Downstream | | LH | A6 Quattro 25657 | | |
| | | | Allroad Quattro 25621 | | |
| | | RH | A6 Quattro 25656 | | |
| 2004 | V6-2.7 | Upstream | LH | 25605 | |
| | | | RH | 25605 | |
| | | Downstream | LH | 25621 | |
| | | | RH | 25621 | |
| | V6-3.0 | Upstream | LH | 24321 | |
| | | | RH | 24321 | |
| | | Downstream | LH | 25605 | |
| | | | RH | 25605 | |
| | V8-4.2 | Upstream | LH | A6 Quattro 25589 | |
| | | | | Allroad Quattro 24316 | |
| | | | | RS6 Models 25641 | |
| | | | RH | A6 Quattro 25589 | |
| Downstream | | LH | Allroad Quattro 24316 | | |
| | | | RS6 Models 25641 | | |
| | | LH | A6 Quattro 25597 | | |
| | | | Allroad Quattro 25621 | | |
| | RH | | RS6 Models 25597 | | |
| | | | A6 Quattro 25597 | | |
| | | | Allroad Quattro 25621 | | |
| | | | RS6 Models 25597 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|-----------------|---------------|-----------------|------------------------------|-------|
| AUDI (Cont'd) | | | | | |
| A6, A6 Quattro, A6 Allroad Quattro, S6, RS6 (Cont'd) | | | | | |
| 2003 | V6-2.7 | Upstream | LH | 25605 | |
| | | | RH | 25605 | |
| | | Downstream | LH | 25621 | |
| | | | RH | 25621 | |
| | V6-3.0 | Upstream | LH | 24321 | |
| | | | RH | 24321 | |
| | | Downstream | LH | 25605 | |
| | | | RH | 25605 | |
| | V8-4.2 | Upstream | LH | A6 Quattro | 25589 |
| | | | | Allroad Quattro | 24316 |
| | | | | RS6 Models | 25641 |
| | | | | S6 Models | 25589 |
| | | RH | A6 Quattro | 25589 | |
| | | | Allroad Quattro | 24316 | |
| | | | RS6 Models | 25641 | |
| | | | S6 Models | 25589 | |
| | | Downstream | LH | A6 Quattro | 25597 |
| | | | | Allroad Quattro | 25621 |
| | | | | RS6 Models | 25597 |
| | | | | S6 Models | 25597 |
| RH | A6 Quattro | | 25597 | | |
| | Allroad Quattro | | 25621 | | |
| | RS6 Models | | 25597 | | |
| | S6 Models | | 25597 | | |
| 2002 | V6-2.7 | Upstream | LH | 25605 | |
| | | | RH | 25605 | |
| | | Downstream | LH | 25621 | |
| | | | RH | 25621 | |
| | V6-3.0 | Upstream | LH | 24321 | |
| | | | RH | 24321 | |
| | | Downstream | LH | 25605 | |
| | | | RH | 25605 | |
| | V8-4.2 | Upstream | LH | 25589 | |
| | | | RH | 25589 | |
| | | Downstream | LH | 25597 | |
| | | | RH | 25597 | |
| 2001-00 | V6-2.7 | Upstream | LH | 25589 | |
| | | | RH | 25589 | |
| | | Downstream | LH | 25597 | |
| | | | RH | 25597 | |
| | V6-2.8 | Upstream | LH | 25589 | |
| | | | RH | 25589 | |
| | | Downstream | LH | 25597 | |
| | | | RH | 25597 | |
| | V8-4.2 | Upstream | LH | 25589 | |
| | | | RH | 25589 | |
| | | Downstream | LH | 25597 | |
| | | | RH | 25597 | |
| 1999 | V6-2.8 | Upstream | LH | 25550 | |
| | | | RH | 25550 | |
| | | Downstream | LH | 25552 | |
| | | | RH | 25552 | |
| 1998 | V6-2.8 | Upstream | LH | To Serial #4A-W-005 000 | 25034 |
| | | | | From Serial #4B-W-000 001 | 25550 |
| | | | RH | To Serial #4A-W-005 000 | 25034 |
| | | | | From Serial #4B-W-000 001 | 25550 |
| | | Downstream | LH | To Serial #4A-W-005 000; AWD | 25643 |
| | | | | To Serial #4A-W-005 000; FWD | 25642 |
| | | | | From Serial #4B-W-000 001 | 25552 |
| | | | RH | To Serial #4A-W-005 000; AWD | 25643 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---|------------|---------------|---------------|--------------------------------|--------------------------------|-------|
| AUDI (Cont'd) | | | | | | |
| A6, A6 Quattro, A6 Allroad Quattro, S6, RS6 (Cont'd) | | | | | | |
| 1998 | V6-2.8 | Downstream | LH | To Serial #4A-W-005 000; FWD | 25642 | |
| | | | | From Serial #4B-W-000 001 | 25552 | |
| 1997-96 | L5-2.2 | Upstream | | | 25524 | |
| | | V6-2.8 | Upstream | LH | | 25034 |
| | RH | | | | 25034 | |
| | Downstream | | LH | AWD | 25643 | |
| | | | | FWD | 25642 | |
| | RH | AWD | 25643 | | | |
| | | FWD | 25642 | | | |
| | 1995 | L5-2.2 | Upstream | | | 25524 |
| V6-2.8 | | Upstream | LH | | 25034 | |
| | RH | | | 25034 | | |
| A7, A7 Quattro, S7, RS7 | | | | | | |
| 2017 | V6-3.0 | Upstream | LH | Gas | 27043 | |
| | | | RH | Gas | 27043 | |
| | | Downstream | LH | Gas | 25244 | |
| | | | RH | Gas | 25244 | |
| | V8-4.0 | Upstream | | Cyls. 1-4 | 27055 | |
| | | | | Cyls. 5-8 | 27050 | |
| | | Downstream | | Cyls. 1-4 | 25729 | |
| | | | | Cyls. 5-8 | 25725 | |
| | 2016 | V6-3.0 | Upstream | | Diesel (w/ 1 Upstream O2 Only) | 24328 |
| | | | | LH | Gas | 27043 |
| | | | RH | Gas | 27043 | |
| | | | Downstream | LH | Gas | 25244 |
| RH | | Gas | | 25244 | | |
| V8-4.0 | | Upstream | | Cyls. 1-4 | 27055 | |
| | | | | Cyls. 5-8 | 27050 | |
| | | Downstream | | Cyls. 1-4 | 25729 | |
| | | | Cyls. 5-8 | 25725 | | |
| 2015-14 | V6-3.0 | Upstream | | Diesel (w/ 1 Upstream O2 Only) | 24328 | |
| | | | LH | Gas | 27002 | |
| | | RH | Gas | 27002 | | |
| | | Downstream | LH | Gas | 25197 | |
| | RH | | Gas | 25197 | | |
| | V8-4.0 | Upstream | | Cyls. 1-4 | 27055 | |
| | | | | Cyls. 5-8 | 27050 | |
| | | Downstream | | Cyls. 1-4 | 25729 | |
| | | | | Cyls. 5-8 | 25725 | |
| | 2013 | V6-3.0 | Upstream | LH | | 27002 |
| | | | | RH | | 27002 |
| | | | Downstream | LH | | 25197 |
| RH | | | | | 25197 | |
| V8-4.0 | | Upstream | | Cyls. 1-4 | 27055 | |
| | | | | Cyls. 5-8 | 27050 | |
| | | Downstream | | Cyls. 1-4 | 25729 | |
| | | | | Cyls. 5-8 | 25725 | |
| 2012 | V6-3.0 | Upstream | LH | | 27002 | |
| | | | RH | | 27002 | |
| | | Downstream | LH | | 25197 | |
| | | | RH | | 25197 | |
| A8, A8 Quattro, S8, V8 Quattro | | | | | | |
| 2017 | V6-3.0 | Upstream | LH | Gas | 27043 | |
| | | | RH | Gas | 27043 | |
| | | Downstream | LH | Gas | 25238 | |
| | | | RH | Gas | 25244 | |
| | V8-4.0 | Upstream | | Cyls. 1-4 | 27055 | |
| | | | | Cyls. 5-8 | 27050 | |
| | | Downstream | | Cyls. 1-4 | 25729 | |
| | | | | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--|-------------|---------------|--------------------------------|-----------|----------|--------------------------------|
| AUDI (Cont'd) | | | | | | |
| A8, A8 Quattro, S8, V8 Quattro (Cont'd) | | | | | | |
| 2017 | V8-4.0 | Downstream | Cyls. 5-8 | 25725 | | |
| 2016-15 | V6-3.0 | Upstream | Diesel (w/ 1 Upstream O2 Only) | 24328 | | |
| | | | LH Gas | 27043 | | |
| | | RH Gas | 27043 | | | |
| | | Downstream | LH Gas | 25238 | | |
| | | | RH Gas | 25244 | | |
| | | V8-4.0 | Upstream | Cyls. 1-4 | 27055 | |
| | Cyls. 5-8 | | | 27050 | | |
| | Downstream | | Cyls. 1-4 | 25729 | | |
| | W12-6.3 | Upstream | Cyls. 5-8 | 25725 | | |
| | | | Cyls. 1-3 | 24324 | | |
| | | | Cyls. 4-6 | 24328 | | |
| | | | Cyls. 7-9 | 24328 | | |
| | | | Cyls. 10-12 | 24350 | | |
| | | | Downstream | Cyls. 1-3 | 25766 | |
| | | Cyls. 4-6 | | 25765 | | |
| | | Cyls. 7-9 | | 25765 | | |
| | | Cyls. 10-12 | | 25765 | | |
| | | 2014 | | V6-3.0 | Upstream | Diesel (w/ 1 Upstream O2 Only) |
| LH Gas | | | | | | 27010 |
| RH Gas | | | 27010 | | | |
| Downstream | LH Gas | | 25197 | | | |
| | RH Gas | | 25197 | | | |
| V8-4.0 | Upstream | | Cyls. 1-4 | | 27055 | |
| | | Cyls. 5-8 | 27050 | | | |
| | Downstream | Cyls. 1-4 | 25729 | | | |
| W12-6.3 | Upstream | Cyls. 5-8 | 25725 | | | |
| | | Cyls. 1-3 | 27054 | | | |
| | | Cyls. 4-6 | 27049 | | | |
| | | Cyls. 7-9 | 27059 | | | |
| | | Cyls. 10-12 | 27049 | | | |
| | | Downstream | Cyls. 1-3 | 25729 | | |
| | Cyls. 4-6 | | 25656 | | | |
| | Cyls. 7-9 | | 25725 | | | |
| | Cyls. 10-12 | | 25656 | | | |
| | 2013 | | V6-3.0 | Upstream | LH | 27010 |
| | | | | | RH | 27010 |
| | | Downstream | | LH | 25197 | |
| RH | | | | 25197 | | |
| V8-4.0 | | Upstream | | Cyls. 1-4 | 27055 | |
| | | | | Cyls. 5-8 | 27050 | |
| | | Downstream | Cyls. 1-4 | 25729 | | |
| W12-6.3 | | Upstream | Cyls. 5-8 | 25725 | | |
| | | | Cyls. 1-3 | 27054 | | |
| | | | Cyls. 4-6 | 27049 | | |
| | | Downstream | Cyls. 7-9 | 27059 | | |
| | | | Cyls. 10-12 | 27049 | | |
| | Cyls. 1-3 | | 25729 | | | |
| 2012 | V8-4.2 | Upstream | Cyls. 4-6 | 25656 | | |
| | | | Cyls. 7-9 | 25725 | | |
| | | Downstream | Cyls. 10-12 | 25656 | | |
| | | | Cyls. 1-3 | 25729 | | |
| | | W12-6.3 | Upstream | Cyls. 4-6 | 27049 | |
| | | | | Cyls. 7-9 | 27059 | |
| | Cyls. 10-12 | | | 27049 | | |
| | Downstream | | Cyls. 1-3 | 25729 | | |
| | | | Cyls. 4-6 | 25656 | | |
| | | | Cyls. 7-9 | 25725 | | |
| | 2012 | V8-4.2 | Upstream | Cyls. 1-4 | 27050 | |
| | | | | Cyls. 5-8 | 27055 | |
| Downstream | | | Cyls. 1-4 | 25675 | | |
| | | | Cyls. 5-8 | 25657 | | |
| W12-6.3 | | | Upstream | Cyls. 1-3 | 27054 | |
| | | | | Cyls. 4-6 | 27049 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|---|---------------------------------------|---------------------------------------|-------|
| AUDI (Cont'd) | | | | | |
| A8, A8 Quattro, S8, V8 Quattro (Cont'd) | | | | | |
| 2012 | W12-6.3 | Upstream | Cyls. 7-9 | 27059 | |
| | | | Cyls. 10-12 | 27049 | |
| | | Downstream | Cyls. 1-3 | 25729 | |
| | | | Cyls. 4-6 | 25656 | |
| | | | Cyls. 7-9 | 25725 | |
| | | | Cyls. 10-12 | 25656 | |
| 2011 | V8-4.2 | Upstream | Cyls. 1-4 | 27050 | |
| | | | Cyls. 5-8 | 27055 | |
| | | Downstream | Cyls. 1-4 | 25675 | |
| | | | Cyls. 5-8 | 25725 | |
| 2010 | V8-4.2 | Upstream | Cyls. 1-4 | 24338 | |
| | | | Cyls. 5-8 | 24338 | |
| | | Downstream | Cyls. 1-4 | 25729 | |
| | | | Cyls. 5-8 | 25656 | |
| 2009-08 | V8-4.2 | Upstream | Cyls. 1-4 | 24338 | |
| | | | Cyls. 5-8 | 24335 | |
| | | Downstream | Cyls. 1-4 | 25729 | |
| | | | Cyls. 5-8 | 25656 | |
| | | V10-5.2 | Upstream | Cyls. 1-3 | 24334 |
| | | | | Cyls. 4, 5 | 24342 |
| | Cyls. 6-8 | | | 24334 | |
| | Downstream | | Cyls. 9, 10 | 24342 | |
| | | | Cyls. 1-3 | 25675 | |
| | | | Cyls. 4, 5 | 25675 | |
| | 2007 | V8-4.2 | Upstream | Cyls. 6-8 | 25657 |
| | | | | Cyls. 9, 10 | 25657 |
| Downstream | | | Cyls. 1-3 | 25675 | |
| | | | Cyls. 4, 5 | 25675 | |
| V10-5.2 | | | Upstream | Cyls. 6-8 | 25657 |
| | | | | Cyls. 9, 10 | 25657 |
| | | Cyls. 1-3 | | 25675 | |
| | | Downstream | Cyls. 4, 5 | 25675 | |
| | | | Cyls. 6-8 | 25657 | |
| | | | Cyls. 9, 10 | 25657 | |
| W12-6.0 | | Upstream | Cyls. 1-3 | 24348 | |
| | | | Cyls. 4-6 | 24350 | |
| | Cyls. 7-9 | | 24347 | | |
| | Downstream | Cyls. 10-12 | 24349 | | |
| | | Cyls. 1-3 | 25621 | | |
| | | Cyls. 4-6 | 25724 | | |
| 2007 | V8-4.2 | Upstream | Cyls. 7-9 | 25661 | |
| | | | Cyls. 10-12 | 25661 | |
| | | Downstream | Cyls. 1-4 | 24338 | |
| | | | Cyls. 5-8 | 24335 | |
| | | V10-5.2 | Upstream | Cyls. 1-4 | 24335 |
| | | | | Cyls. 5-8 | 25729 |
| | Cyls. 1-4 | | | 25656 | |
| | Downstream | | Cyls. 5-8 | 25656 | |
| | | | Cyls. 1-3 | 24309 | |
| | | | Cyls. 4, 5 | 24340 | |
| | W12-6.0 | Upstream | Cyls. 6-8 | 24336 | |
| | | | Cyls. 9, 10 | 24344 | |
| Cyls. 1-3 | | | 25675 | | |
| Downstream | | Cyls. 4, 5 | 25675 | | |
| | | Cyls. 6-8 | 25657 | | |
| | | Cyls. 9, 10 | 25657 | | |
| 2007 | V8-4.2 | Upstream | Cyls. 1-3; To Chassis #4E-7-017 624 | 24316 | |
| | | | Cyls. 4-6; From Chassis #4E-7-017 625 | 24309 | |
| | | Downstream | Cyls. 4-6; To Chassis #4E-7-017 624 | 24314 | |
| | | | Cyls. 4-6; From Chassis #4E-7-017 625 | 24335 | |
| | | W12-6.0 | Upstream | Cyls. 7-9; To Chassis #4E-7-017 624 | 24311 |
| | | | | Cyls. 7-9; From Chassis #4E-7-017 625 | 24338 |
| W12-6.0 | Upstream | Cyls. 10-12; To Chassis #4E-7-017 624 | 24310 | | |
| | | Cyls. 10-12; From Chassis #4E-7-017 625 | 24338 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|---------|---------------|---|--------------|-------|
| AUDI (Cont'd) | | | | | |
| A8, A8 Quattro, S8, V8 Quattro (Cont'd) | | | | | |
| 2007 | W12-6.0 | Upstream | Cyls. 10-12; From Chassis #4E-7-017 625 | 24338 | |
| | | | Downstream | Cyls. 1-3 | 25621 |
| | | Cyls. 4-6 | | 25724 | |
| | | Cyls. 7-9 | | 25661 | |
| 2006-05 | V8-4.2 | Upstream | LH | 24318 | |
| | | | RH | 24317 | |
| | | Downstream | LH | 25605 | |
| | | | RH | 25622 | |
| | W12-6.0 | Upstream | Cyls. 1-3 | | 24316 |
| | | | Cyls. 4-6 | | 24314 |
| | | | Cyls. 7-9 | | 24311 |
| | | | Cyls. 10-12 | | 24310 |
| | | Downstream | Cyls. 1-3 | | 25621 |
| | | | Cyls. 4-6 | | 25724 |
| 2004 | V8-4.2 | Upstream | LH | 24318 | |
| | | | RH | 24317 | |
| | | Downstream | LH | 25605 | |
| | | | RH | 25622 | |
| 2003-01 | V8-4.2 | Upstream | LH | 25588 | |
| | | | RH | 25588 | |
| | | Downstream | LH | AKB, AYS Eng | 25641 |
| | | | RH | AUX Eng | 25645 |
| 2000 | V8-4.2 | Upstream | LH | 25588 | |
| | | | RH | 25588 | |
| | | Downstream | LH | 25641 | |
| | | | RH | 25641 | |
| 1999-97 | V8-3.7 | Upstream | LH | 25550 | |
| | | | RH | 25550 | |
| | | Downstream | LH | 25643 | |
| | | | RH | 25643 | |
| | V8-4.2 | Upstream | LH | 25550 | |
| | | | RH | 25550 | |
| | | Downstream | LH | 25643 | |
| | | | RH | 25643 | |
| 1994-92 | V8-4.2 | Upstream | | 25040 | |
| 1991-90 | V8-3.6 | Upstream | A/T | 25524 | |
| | | | M/T | 25040 | |
| Cabriolet | | | | | |
| 1998-94 | V6-2.8 | Upstream | LH | 25034 | |
| | | | RH | 25034 | |
| | | Downstream | LH | 25644 | |
| | | | RH | 25644 | |
| Coupe, Coupe Quattro | | | | | |
| 1991-90 | L5-2.3 | Upstream | | 25040 | |
| 1987 | L5-2.2 | Upstream | | 23044 | |
| | L5-2.3 | Upstream | | 25040 | |
| 1986-81 | L5-2.2 | Upstream | | 23044 | |
| Fox | | | | | |
| 1979 | L4-1.6 | Upstream | | 23044 | |
| Q3, SQ3 | | | | | |
| 2017-15 | L4-2.0 | Upstream | | 24348 | |
| | | Downstream | | 25729 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------|------------|---------------|--------------------------------|--------------|-------|
| AUDI (Cont'd) | | | | | |
| Q5, SQ5 | | | | | |
| 2017 | L4-2.0 | Upstream | Flex Fuel | 24328 | |
| | | Downstream | Flex Fuel | 25657 | |
| | V6-3.0 | Upstream | LH | Gas | 27002 |
| | | | RH | Gas | 27002 |
| | | Downstream | LH | Gas | 25197 |
| | | | RH | Gas | 25197 |
| 2016-14 | L4-2.0 | Upstream | Hybrid | 27050 | |
| | | Downstream | Flex Fuel | 24328 | |
| | V6-3.0 | Upstream | Diesel (w/ 1 Upstream O2 Only) | 24328 | |
| | | Downstream | LH Gas | 27002 | |
| 2013 | L4-2.0 | Upstream | Hybrid | 27050 | |
| | | Downstream | Flex Fuel | 24328 | |
| | V6-3.0 | Upstream | LH | 27002 | |
| | | | RH | 27002 | |
| | | Downstream | LH | 25197 | |
| | | | RH | 25197 | |
| 2012-11 | L4-2.0 | Upstream | | 24328 | |
| | | Downstream | | 25657 | |
| | V6-3.2 | Upstream | LH | 27002 | |
| | | Downstream | LH | 25197 | |
| 2010 | V6-3.2 | Upstream | LH | 27002 | |
| | | Downstream | LH | 25197 | |
| | V6-3.2 | Upstream | LH | 27002 | |
| | | Downstream | LH | 25197 | |
| 2009 | V6-3.2 | Upstream | LH | To 2/16/09 | 24308 |
| | | | RH | From 2/16/09 | 27002 |
| | Downstream | LH | To 2/16/09 | 24308 | |
| | | RH | From 2/16/09 | 27002 | |
| Q7 | | | | | |
| 2017 | V6-3.0 | Upstream | LH | 27043 | |
| | | | RH | 27043 | |
| | | Downstream | LH | 25244 | |
| | | | RH | 25244 | |
| 2015 | V6-3.0 | Upstream | Diesel (w/ 1 Upstream O2 Only) | | 24348 |
| | | | LH | Gas | 27012 |
| | | Downstream | RH | Gas | 27007 |
| | | | LH | Gas | 25215 |
| | V6-3.0 | Upstream | LH | Gas | 25216 |
| | | | RH | Gas | 25216 |
| 2014-11 | V6-3.0 | Upstream | Diesel (w/ 1 Upstream O2 Only) | | 24328 |
| | | | LH | Gas | 27012 |
| | Downstream | RH | Gas | 27007 | |
| | | LH | Gas | 25215 | |
| 2010 | V6-3.0 | Upstream | Diesel (w/ 1 Upstream O2 Only) | | 24328 |
| | | | LH | Gas | 24328 |
| | V6-3.6 | Upstream | RH | Gas | 24328 |
| | | | LH | Gas | 25656 |
| | V8-4.2 | Upstream | LH | Gas | 25675 |
| | | | RH | Gas | 25675 |
| | | Downstream | LH | 25656 | |
| | | | RH | 25675 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|----------------------|------------|---------------|--------------------------------------|----------|
| AUDI (Cont'd) | | | | |
| Q7 (Cont'd) | | | | |
| 2010 | V8-4.2 | Downstream | LH | 25688 |
| | | | RH | 25687 |
| 2009 | V6-3.0 | Upstream | Diesel (w/ 1 Upstream O2 Only) 24328 | |
| | | | V6-3.6 | Upstream |
| | RH | 24328 | | |
| | V8-4.2 | Upstream | LH | 24318 |
| | | | RH | 24321 |
| | | Downstream | LH | 25688 |
| | | | RH | 25687 |
| | 2008-07 | V6-3.6 | Upstream | LH |
| RH | | | | 24328 |
| Downstream | | | LH | 25656 |
| | | RH | 25675 | |
| V8-4.2 | | Upstream | LH | 24318 |
| | | | RH | 24321 |
| | Downstream | LH | 25688 | |
| Quattro | | | | |
| 1986-83 | L5-2.2 | Upstream | | 23044 |
| R8 | | | | |
| 2018-17 | V10-5.2 | Upstream | Cyls. 1-4 | 24348 |
| | | | Cyls. 5-8 | 24325 |
| | | Downstream | Cyls. 1-4 | 25766 |
| | | | Cyls. 5-8 | 25766 |
| 2015-14 | V8-4.2 | Upstream | Cyls. 1-4 | 24319 |
| | | | Cyls. 5-8 | 24338 |
| | | Downstream | Cyls. 1-4 | 25687 |
| | | | Cyls. 5-8 | 25687 |
| | V10-5.2 | Upstream | Cyls. 1-5 | 24328 |
| | | | Cyls. 6-10 | 24328 |
| | | Downstream | Cyls. 1-5 | 25687 |
| | | | Cyls. 6-10 | 25687 |
| 2012 | V8-4.2 | Upstream | Cyls. 1-4 | 24319 |
| | | | Cyls. 5-8 | 24338 |
| | | Downstream | Cyls. 1-4; Coupe | 25681 |
| | | | Cyls. 1-4; Convertible | 25687 |
| | V10-5.2 | Upstream | Cyls. 5-8; Coupe | 25656 |
| | | | Cyls. 5-8; Convertible | 25687 |
| | | Downstream | Cyls. 1-5 | 24328 |
| | | | Cyls. 6-10 | 24328 |
| 2011 | V8-4.2 | Upstream | Cyls. 1-4 | 24319 |
| | | | Cyls. 5-8 | 24338 |
| | | Downstream | Cyls. 1-4 | 25681 |
| | V10-5.2 | Upstream | Cyls. 5-8 | 25656 |
| | | | Cyls. 1-5 | 24328 |
| | | Downstream | Cyls. 6-10 | 24328 |
| 2010 | V8-4.2 | Upstream | Cyls. 1-4 | 24319 |
| | | | Cyls. 5-8 | 24338 |
| | | Downstream | Cyls. 1-4 | 25681 |
| | V10-5.2 | Upstream | Cyls. 5-8 | 25656 |
| | | | Cyls. 1-5 | 24328 |
| | | Downstream | Cyls. 6-10 | 24328 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-----------------------------------|------------|---------------|-----------------------|--------|
| AUDI (Cont'd) | | | | |
| R8 (Cont'd) | | | | |
| 2010 | V10-5.2 | Downstream | Cyls. 6-10 | 25656 |
| 2009 | V8-4.2 | Upstream | Cyls. 1-4 | 24319 |
| | | | Cyls. 5-8 | 24335 |
| | | Downstream | Cyls. 1-4 | 25681 |
| | | | Cyls. 5-8 | 25656 |
| | V10-5.2 | Upstream | Cyls. 1-5 | 24328 |
| | | | Cyls. 6-10 | 24328 |
| | | Downstream | Cyls. 1-5 | 25681 |
| | | | Cyls. 6-10 | 25656 |
| 2008 | V8-4.2 | Upstream | Cyls. 1-4 | 24319 |
| | | | Cyls. 5-8 | 24335 |
| | Downstream | Cyls. 1-4 | 25681 | |
| | | Cyls. 5-8 | 25656 | |
| TT, TT Quattro, TTS, TT RS | | | | |
| 2017-16 | L4-2.0 | Upstream | | 27055 |
| | | Downstream | | 25766 |
| 2015-14 | L4-2.0 | Upstream | | 24326 |
| | | Downstream | | 25687 |
| 2013-12 | L4-2.0 | Upstream | | 24326 |
| | | Downstream | | 25687 |
| | L5-2.5 | Upstream | | 24323 |
| | | Downstream | | 25657 |
| 2011-10 | L4-2.0 | Upstream | | 24326 |
| | | Downstream | | 25681 |
| 2009-08 | L4-2.0 | Upstream | | 24326 |
| | | Downstream | | 25681 |
| | V6-3.2 | Upstream | LH | 24323 |
| | | | RH | 24326 |
| | | Downstream | LH | 25695 |
| | | | RH | 25681 |
| 2006 | L4-1.8 | Upstream | AWD | 24316 |
| | | | FWD | 24321 |
| | | Downstream | AWD | 25605 |
| | | | AWD | 25605 |
| | V6-3.2 | Upstream | LH | 24318 |
| | | | RH | 24317 |
| | | Downstream | LH | 25605 |
| | | | RH | 25604 |
| 2005-04 | L4-1.8 | Upstream | AWD | 24316 |
| | | | FWD | 24321 |
| | | Downstream | AWD | 25605 |
| | V6-3.2 | Upstream | AWD | 25689 |
| | | | FWD | 25689 |
| | | Downstream | LH | 24318 |
| 2003 | L4-1.8 | Upstream | LH | 24318 |
| | | | RH | 24317 |
| | | Downstream | LH | 25605 |
| | V6-3.2 | Upstream | RH | 25604 |
| | | | Downstream | LH |
| | | Downstream | RH | 25604 |
| 2002 | L4-1.8 | Upstream | AWD | 24316 |
| | | | FWD | 24321 |
| | Downstream | AWD | 25605 | |
| | | FWD | 25689 | |
| 2001 | L4-1.8 | Upstream | AWD; AMU Eng | 25723 |
| | | | AWD; AWP Eng | 24321 |
| | Downstream | FWD | 24321 | |
| | | AWD | 25605 | |
| 2001 | L4-1.8 | Upstream | FWD | 25689 |
| | | | ATC Eng; Quattro | 25728 |
| | | | ATC Eng; Exc. Quattro | 25689 |
| | | | AWP Eng | 24321 |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------------------|---------|-----------------------------------|-----------------------------------|------------------|
| AUDI (Cont'd) | | | | |
| TT, TT Quattro, TTS, TT RS (Cont'd) | | | | |
| 2001 | L4-1.8 | Upstream | AMU Eng | 25723 |
| | | | Downstream | ATC Eng; Quattro |
| | | ATC Eng; Exc. Quattro | | 25604 |
| | | AWP Eng; Quattro | | 25605 |
| | | AWP Eng; Exc. Quattro | | 25689 |
| | | AMU Eng; To Chassis #8N-1-034-000 | 25728 | |
| AMU Eng; From Chassis #8N-1-034-001 | 25605 | | | |
| 2000 | L4-1.8 | Upstream | ATC Eng; Quattro | 25728 |
| | | | ATC Eng; Exc. Quattro | 25689 |
| | | | AMU Eng | 25723 |
| | | Downstream | ATC Eng; Quattro | 25728 |
| | | | ATC Eng; Exc. Quattro | 25604 |
| | | | AMU Eng; To Chassis #8N-1-034-000 | 25728 |
| AMU Eng; From Chassis #8N-1-034-001 | 25605 | | | |
| BENTLEY | | | | |
| Arnage | | | | |
| 2004-03 | V8-6.8 | Upstream | LH | 25649 |
| | | | RH | 25649 |
| | | Downstream | LH | 25649 |
| | | | RH | 25649 |
| Continental | | | | |
| 2015 | V8-4.0 | Downstream | Cyls. 1-4 | 25729 |
| | | | Cyls. 5-8 | 25725 |
| 2003 | W12-6.0 | Upstream | LH | 24318 |
| | | | RH | 24321 |
| | | Downstream | LH | 25621 |
| | | | RH | 25621 |
| Turbo R | | | | |
| 1994 | V8-6.8 | Upstream | | 25537 |
| 1993 | V8-6.8 | Upstream | 4/93 On | 25537 |
| BMW | | | | |
| 1 Series (Incl. M Models) | | | | |
| 2013-12 | L6-3.0 | Upstream | 128i; Cyls. 1-3 | 24322 |
| | | | 128i; Cyls. 4-6 | 24333 |
| | | | 135i, 135is | 27053 |
| | | Downstream | 128i; Cyls. 1-3 | 25676 |
| | | | 128i; Cyls. 4-6 | 25613 |
| | | | 135i, 135is | 25730 |
| 2011 | L6-3.0 | Upstream | 1 Series M; Cyls. 1-3 | 24322 |
| | | | 1 Series M; Cyls. 4-6 | 24345 |
| | | | 128i; Cyls. 1-3 | 24322 |
| | | | 128i; Cyls. 4-6 | 24333 |
| | | 135i | 27053 | |
| | | Downstream | 1 Series M; Cyls. 1-3 | 25676 |
| | | | 1 Series M; Cyls. 4-6 | 25613 |
| | | | 128i; Cyls. 1-3 | 25676 |
| 128i; Cyls. 4-6 | 25613 | | | |
| 135i | 25730 | | | |
| 2010-08 | L6-3.0 | Upstream | Cyls. 1-3; Turbo | 24322 |
| | | | Cyls. 1-3; Exc. Turbo | 24322 |
| | | | Cyls. 4-6; Turbo | 24345 |
| | | Cyls. 4-6; Exc. Turbo | 24333 | |
| | | Downstream | Cyls. 1-3 | 25676 |
| | | | Cyls. 4-6 | 25613 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|--------|-----------------------------------|---|--------|
| BMW (Cont'd) | | | | |
| 2 Series (Incl. M Models) | | | | |
| 2018-17 | L4-2.0 | Upstream | | 27083 |
| | | Downstream | | 25541 |
| | L6-3.0 | Upstream | N55B30A Eng | 24364 |
| | | Downstream | B58M3000 Eng | 27082 |
| 2016-14 | L4-2.0 | Upstream | N55B30A Eng | 25711 |
| | | Downstream | B58M3000 Eng | 25768 |
| | L6-3.0 | Upstream | | 24364 |
| | | Downstream | | 25711 |
| 3 Series (Incl. M, Hybrid Models) | | | | |
| 2018-17 | L4-2.0 | Upstream | Diesel; Frt O2; Before DPF | 24329 |
| | | | Gas; 320i Models | 24364 |
| | | | Gas; 330i Models (incl. GT) | 27083 |
| | | | Hybrid; 330e Models | 27083 |
| | | Downstream | Diesel; Intermediate (Cntr) O2; After DPF | 24330 |
| | | | Diesel; Rear O2; Loc. Before SCR | 24333 |
| | L6-3.0 | Upstream | Gas; 320i Models | 25740 |
| | | | Gas; 330i Models (incl. GT) | 25541 |
| | | | Hybrid; 330e Models | 25541 |
| | | Downstream | M3; Cyls. 1-3 | 27082 |
| | | | M3; Cyls. 4-6 | 27051 |
| | | | M3; Cyls. 4-6 | 24364 |
| 2016 | L4-2.0 | Upstream | 340i Models | 25768 |
| | | | M3; Cyls. 1-3 | 25743 |
| | | | M3; Cyls. 4-6 | 25711 |
| | | | Diesel; Frt O2; Before DPF | 24329 |
| | | Gas; 320i, 328i Models (incl. GT) | 24364 | |
| | | Hybrid; 330e Models | 27083 | |
| | L6-3.0 | Upstream | Diesel; Intermediate (Cntr) O2; After DPF | 24330 |
| | | | Diesel; Rear O2; Loc. Before SCR | 24333 |
| | | | Gas; 320i, 328i Models (incl. GT) | 25740 |
| | | Downstream | Hybrid; 330e Models | 25541 |
| | | | 335i GT Models | 24364 |
| | | | 340i Models | 27082 |
| 2015 | L4-2.0 | Upstream | M3; Cyls. 1-3 | 27051 |
| | | | M3; Cyls. 4-6 | 24364 |
| | | Downstream | 335i GT Models | 25711 |
| | L6-3.0 | Upstream | 340i Models | 25768 |
| | | | M3; Cyls. 1-3 | 25743 |
| | | Downstream | M3; Cyls. 4-6 | 25711 |
| 2014 | L4-2.0 | Upstream | Diesel; Frt O2; Before DPF | 24329 |
| | | | Gas; 320i, 328i Models (incl. GT) | 24364 |
| | | | Diesel; Intermediate (Cntr) O2; After DPF | 24330 |
| | | Downstream | Diesel; Rear O2; Loc. Before SCR | 24333 |
| | | | Gas; 320i, 328i Models (incl. GT) | 25740 |
| | | | Hybrid; 330e Models | 25541 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---|------------|---------------|---|------------|-------|-------|
| BMW (Cont'd) | | | | | | |
| 3 Series (Incl. M, Hybrid Models) (Cont'd) | | | | | | |
| 2014 | L4-2.0 | Upstream | Gas; 320i, 328i Models (incl. GT) | 24364 | | |
| | | Downstream | Diesel; Intermediate (Cntr) O2; After DPF | 24330 | | |
| | | | Diesel; Rear O2; Loc. Before SCR | 24333 | | |
| | | | Gas; 320i, 328i Models (incl. GT) | 25740 | | |
| | L6-3.0 | Upstream | 335i GT Hatchback Models | 27053 | | |
| | | | 335i Sedan Models | 24364 | | |
| | | | Hybrid Models | 24364 | | |
| | | Downstream | 335i GT Hatchback Models | 25730 | | |
| | | | 335i Sedan Models | 25711 | | |
| | | | Hybrid Models | 25711 | | |
| | 2013 | L4-2.0 | Upstream | | 24364 | |
| | | | Downstream | | 25740 | |
| L6-3.0 | | Upstream | 328i; Cyls. 1-3 | 24322 | | |
| | | | 328i; Cyls. 4-6 | 24333 | | |
| | | | 335i, iX, Hybrid; N55B30A Eng | 27053 | | |
| | | | 335is; Cyls. 1-3; N54B30A Eng | 24322 | | |
| | | | 335is; Cyls. 4-6; N54B30A Eng | 24345 | | |
| | | Downstream | 328i; Cyls. 1-3 | 25676 | | |
| | | | 328i; Cyls. 4-6 | 25613 | | |
| | | | 335i, iX, Hybrid; N55B30A Eng; AWD; Coupe | 25736 | | |
| | | | 335i, iX, Hybrid; N55B30A Eng; AWD; Sedan | 25730 | | |
| | | | 335i, iX, Hybrid; N55B30A Eng; RWD | 25730 | | |
| V8-4.0 | | Upstream | LH | 24329 | | |
| | | | RH | 24329 | | |
| | | Downstream | LH | 25612 | | |
| | | | RH | 25612 | | |
| | | 2012 | L4-2.0 | Upstream | | 24364 |
| | | | | Downstream | | 25740 |
| L6-3.0 | Upstream | | 328i; Cyls. 1-3 | 24322 | | |
| | | | 328i; Cyls. 4-6 | 24333 | | |
| | | | 335i, iX, Hybrid; N55B30A Eng | 27053 | | |
| | | | 335is; Cyls. 1-3; N54B30A Eng | 24322 | | |
| | | | 335is; Cyls. 4-6; N54B30A Eng | 24345 | | |
| | Downstream | | 328i; Cyls. 1-3 | 25676 | | |
| | | | 328i; Cyls. 4-6 | 25613 | | |
| | | | 335i, iX, Hybrid; N55B30A Eng; AWD | 25736 | | |
| | | | 335i, iX, Hybrid; N55B30A Eng; RWD | 25730 | | |
| | | | 335is; Cyls. 1-3; N54B30A Eng | 25676 | | |
| V8-4.0 | Upstream | LH | 24329 | | | |
| | | RH | 24329 | | | |
| | Downstream | LH | 25612 | | | |
| | | RH | 25612 | | | |
| | 2011 | L6-2.5 | Upstream | Cyls. 1-3 | 24322 | |
| | | | | Cyls. 4-6 | 24333 | |
| Downstream | | | Cyls. 1-3 | 25676 | | |
| | | | Cyls. 4-6 | 25613 | | |
| L6-3.0 | | Upstream | 335d; Diesel (w/ 1 Upstream O2 Only) | 24326 | | |
| | | | 328i; Cyls. 1-3 | 24322 | | |
| | | | 328i; Cyls. 4-6 | 24333 | | |
| | | | 335i, iX; N55B30A Eng | 27053 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|--------------------------------|--------|-------|
| BMW (Cont'd) | | | | | |
| 3 Series (Incl. M, Hybrid Models) (Cont'd) | | | | | |
| 2011 | L6-3.0 | Upstream | 335is; Cyls. 1-3; N54B30A Eng | 24322 | |
| | | | 335is; Cyls. 4-6; N54B30A Eng | 24345 | |
| | | Downstream | 328i; Cyls. 1-3 | 25676 | |
| | | | 328i; Cyls. 4-6 | 25613 | |
| | | | 335i, iX; N55B30A Eng; AWD | 25736 | |
| | | | 335i, iX; N55B30A Eng; RWD | 25730 | |
| | | | 335is; Cyls. 1-3; N54B30A Eng | 25676 | |
| | | | 335is; Cyls. 4-6; N54B30A Eng | 25613 | |
| | | V8-4.0 | Upstream | LH | 24329 |
| | | | | RH | 24329 |
| | Downstream | LH | 25612 | | |
| | | RH | 25612 | | |
| 2010 | L6-2.5 | Upstream | Cyls. 1-3 | 24322 | |
| | | | Cyls. 4-6 | 24333 | |
| | | Downstream | Cyls. 1-3 | 25676 | |
| | | | Cyls. 4-6 | 25613 | |
| | L6-3.0 | Upstream | Diesel (w/ 1 Upstream O2 Only) | 24326 | |
| | | | Gas; Cyls. 1-3 | 24322 | |
| | | | Gas; Cyls. 4-6; Turbo | 24345 | |
| | | | Gas; Cyls. 4-6; Exc .Turbo | 24333 | |
| | | Downstream | Gas; Cyls. 1-3 | 25676 | |
| | | | Gas; Cyls. 4-6 | 25613 | |
| | V8-4.0 | Upstream | LH | 24329 | |
| | | | RH | 24329 | |
| Downstream | | LH | 25612 | | |
| | | RH | 25612 | | |
| 2009 | L6-2.5 | Upstream | Cyls. 1-3 | 24322 | |
| | | | Cyls. 4-6 | 24333 | |
| | | Downstream | Cyls. 1-3 | 25612 | |
| | | | Cyls. 4-6 | 25613 | |
| | L6-3.0 | Upstream | Diesel (w/ 1 Upstream O2 Only) | 24326 | |
| | | | Gas; Cyls. 1-3; Turbo | 24322 | |
| | | | Gas; Cyls. 1-3; Exc .Turbo | 24322 | |
| | | | Gas; Cyls. 4-6; Turbo | 24345 | |
| | | Downstream | Gas; Cyls. 4-6; Exc .Turbo | 24333 | |
| | | | Gas; Cyls. 1-3 | 25676 | |
| | | | Gas; Cyls. 4-6 | 25613 | |
| | | | | | |
| V8-4.0 | Upstream | LH | 24329 | | |
| | | RH | 24329 | | |
| | Downstream | LH | 25612 | | |
| | | RH | 25612 | | |
| 2008 | L6-2.5 | Upstream | Cyls. 1-3 | 24322 | |
| | | | Cyls. 4-6 | 24333 | |
| | | Downstream | Cyls. 1-3 | 25612 | |
| | | | Cyls. 4-6 | 25613 | |
| | L6-3.0 | Upstream | Cyls. 1-3; Turbo | 24322 | |
| | | | Cyls. 1-3; Exc .Turbo | 24322 | |
| | | | Cyls. 4-6; Turbo | 24345 | |
| | | | Cyls. 4-6; Exc .Turbo | 24333 | |
| | | Downstream | Cyls. 1-3 | 25676 | |
| | | | Cyls. 4-6 | 25613 | |
| | | | | | |
| | | | | | |
| V8-4.0 | Upstream | LH | 24329 | | |
| | | RH | 24329 | | |
| | Downstream | LH | 25612 | | |
| | | RH | 25612 | | |
| 2007 | L6-2.5 | Upstream | Cyls. 1-3 | 24322 | |
| | | | Cyls. 4-6 | 24333 | |
| | | Downstream | Cyls. 1-3 | 25612 | |
| | | | Cyls. 4-6 | 25613 | |
| | L6-3.0 | Upstream | Cyls. 1-3 | 24322 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|--------------------------|-----------------------|--------------------------------|----------------------------|-------|
| BMW (Cont'd) | | | | | |
| 3 Series (Incl. M, Hybrid Models) (Cont'd) | | | | | |
| 2007 | L6-3.0 | Upstream | Cyls. 4-6; Turbo | 24345 | |
| | | | Cyls. 4-6; Exc. Turbo | 24333 | |
| Downstream | | Cyls. 1-3 | 25676 | | |
| | | Cyls. 4-6 | 25613 | | |
| 2006 | L6-2.5 | Upstream | Cyls. 1-3; M54 Eng | 24315 | |
| | | | Cyls. 1-3; M56 Eng | 24317 | |
| | | | Cyls. 1-3; N52 Eng; To 11/05 | 24329 | |
| | | | Cyls. 1-3; N52 Eng; From 11/05 | 24322 | |
| | | | Cyls. 4-6; M54 Eng | 24315 | |
| | | | Cyls. 4-6; M56 Eng | 24317 | |
| | | | Cyls. 4-6; N52 Eng; To 11/05 | 24329 | |
| | | | Cyls. 4-6; N52 Eng; From 11/05 | 24333 | |
| | | | Downstream | Cyls. 1-3; M54 & M56 Eng | 25658 |
| | | | | Cyls. 1-3; N52 Eng | 25612 |
| | Cyls. 4-6; M54 & M56 Eng | 25658 | | | |
| | Cyls. 4-6; N52 Eng | 25613 | | | |
| | L6-3.0 | Upstream | Cyls. 1-3; M54 Eng | 24315 | |
| | | | Cyls. 1-3; N52 Eng; To 11/05 | 24329 | |
| | | | Cyls. 1-3; N52 Eng; From 11/05 | 24322 | |
| | | | Cyls. 4-6; M54 Eng | 24315 | |
| | | | Cyls. 4-6; N52 Eng; To 11/05 | 24329 | |
| | | | Cyls. 4-6; N52 Eng; From 11/05 | 24333 | |
| Downstream | | Cyls. 1-3; M54 Eng | 25658 | | |
| | | Cyls. 1-3; N52 Eng | 25676 | | |
| | | Cyls. 4-6; M54 Eng | 25658 | | |
| | | Cyls. 4-6; N52 Eng | 25613 | | |
| L6-3.2 | Upstream | Cyls. 1-3 | 25609 | | |
| | | Cyls. 4-6 | 25546 | | |
| | Downstream | Cyls. 1-3 | 25618 | | |
| | | Cyls. 4-6 | 25608 | | |
| 2005-04 | L6-2.2 | Upstream | Cyls. 1-3 | 25569 | |
| | | | Cyls. 4-6 | 25569 | |
| | | Downstream | Cyls. 1-3 | 25587 | |
| | | | Cyls. 4-6 | 25587 | |
| | L6-2.5 | Upstream | 325 Ci & i; Cyls. 1-3; M54 Eng | 24315 | |
| | | | 325 Ci & i; Cyls. 1-3; M56 Eng | 24317 | |
| | | | 325 Xi; Cyls. 1-3; M54 Eng | 25569 | |
| | | | 325 Ci & i; Cyls. 4-6; M54 Eng | 24315 | |
| | | | 325 Ci & i; Cyls. 4-6; M56 Eng | 24317 | |
| | | | 325 Xi; Cyls. 4-6; M54 Eng | 25569 | |
| | | | Downstream | 325 Ci & i; Cyls. 1-3 | 25658 |
| | | | | 325 Xi; Cyls. 1-3; M54 Eng | 25587 |
| 325 Ci & i; Cyls. 4-6 | 25658 | | | | |
| 325 Xi; Cyls. 4-6; M54 Eng | 25587 | | | | |
| L6-3.0 | Upstream | 330 Ci & i; Cyls. 1-3 | 24315 | | |
| | | 330 Xi; Cyls. 1-3 | 25569 | | |
| | | 330 Ci & i; Cyls. 4-6 | 24315 | | |
| | | 330 Xi; Cyls. 4-6 | 25569 | | |
| | | Downstream | 330 Ci & i; Cyls. 1-3 | 25658 | |
| | | | 330 Xi; Cyls. 1-3 | 25587 | |
| | 330 Ci & i; Cyls. 4-6 | | 25658 | | |
| | 330 Xi; Cyls. 4-6 | | 25587 | | |
| | L6-3.2 | Upstream | Cyls. 1-3 | 25609 | |
| | | | Cyls. 4-6 | 25546 | |
| Downstream | | Cyls. 1-3 | 25618 | | |
| | | Cyls. 4-6 | 25608 | | |
| 2003 | L6-2.2 | Upstream | Cyls. 1-3 | 25569 | |
| | | | Cyls. 4-6 | 25569 | |
| | | Downstream | Cyls. 1-3 | 25587 | |
| | | | Cyls. 4-6 | 25587 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---|------------|---------------|---|---|---|-------|
| BMW (Cont'd) | | | | | | |
| 3 Series (Incl. M, Hybrid Models) (Cont'd) | | | | | | |
| 2003 | L6-2.5 | Upstream | 325 Ci & i; Cyls. 1-3; M54 Eng; To 3/03 | 25569 | | |
| | | | 325 Ci & i; Cyls. 1-3; M54 Eng; From 3/03 | 24315 | | |
| | | | 325 Ci & i; Cyls. 1-3; M56 Eng | 24317 | | |
| | | | 325 Xi; Cyls. 1-3 | 25569 | | |
| | | | 325 Ci & i; Cyls. 4-6; M54 Eng; To 3/03 | 25569 | | |
| | | | 325 Ci & i; Cyls. 4-6; M54 Eng; From 3/03 | 24315 | | |
| | | | 325 Ci & i; Cyls. 4-6; M56 Eng | 24317 | | |
| | | | 325 Xi; Cyls. 4-6 | 25569 | | |
| | | | Downstream | 325 Ci & i; Cyls. 1-3; M54 Eng; To 3/03 | 25587 | |
| | | | | 325 Ci & i; Cyls. 1-3; M54 Eng; From 3/03 | 25658 | |
| | | | | 325 Ci & i; Cyls. 1-3; M56 Eng | 25658 | |
| | | | | 325 Xi; Cyls. 1-3 | 25587 | |
| | | | L6-3.0 | Upstream | 325 Ci & i; Cyls. 4-6; M54 Eng; To 3/03 | 25587 |
| | | | | | 325 Ci & i; Cyls. 4-6; M54 Eng; From 3/03 | 25658 |
| | | | | | 325 Ci & i; Cyls. 4-6; M56 Eng | 25658 |
| | | | | | 325 Xi; Cyls. 4-6 | 25587 |
| | | | | | 330 Ci & i; Cyls. 1-3; To 3/03 | 25569 |
| | | | | | 330 Ci & i; Cyls. 1-3; From 3/03 | 24315 |
| | | | | | 330 Xi; Cyls. 1-3 | 25569 |
| | | | | | 330 Ci & i; Cyls. 4-6; To 3/03 | 25569 |
| | L6-3.0 | Downstream | 330 Ci & i; Cyls. 4-6; From 3/03 | 24315 | | |
| | | | 330 Xi; Cyls. 4-6 | 25569 | | |
| | | | 330 Ci & i; Cyls. 1-3; To 3/03 | 25587 | | |
| | | | 330 Ci & i; Cyls. 1-3; From 3/03 | 25658 | | |
| | | | 330 Xi; Cyls. 1-3 | 25587 | | |
| | | | 330 Ci & i; Cyls. 4-6; To 3/03 | 25587 | | |
| | | | 330 Ci & i; Cyls. 4-6; From 3/03 | 25658 | | |
| | | | 330 Xi; Cyls. 4-6 | 25587 | | |
| | L6-3.2 | Upstream | Cyls. 1-3 | 25609 | | |
| | | | Cyls. 4-6 | 25546 | | |
| | | Downstream | Cyls. 1-3 | 25618 | | |
| | | | Cyls. 4-6 | 25608 | | |
| 2002-01 | L6-2.2 | Upstream | Cyls. 1-3 | 25569 | | |
| | | | Cyls. 4-6 | 25569 | | |
| | | Downstream | Cyls. 1-3 | 25587 | | |
| | | | Cyls. 4-6 | 25587 | | |
| | L6-2.5 | Upstream | Cyls. 1-3 | 25569 | | |
| | | | Cyls. 4-6 | 25569 | | |
| L6-3.0 | Upstream | Cyls. 1-3 | 25569 | | | |
| | | Cyls. 4-6 | 25569 | | | |
| | Downstream | Cyls. 1-3 | 25587 | | | |
| | | Cyls. 4-6 | 25587 | | | |
| L6-3.2 | Upstream | Cyls. 1-3 | 25609 | | | |
| | | Cyls. 4-6 | 25546 | | | |
| | Downstream | Cyls. 1-3 | 25618 | | | |
| | | Cyls. 4-6 | 25608 | | | |
| 2000 | L6-2.5 | Upstream | Cyls. 1-3 | 25569 | | |
| | | | Cyls. 4-6 | 25569 | | |
| | | | Cyls. 4-6 | 25587 | | |
| | | Downstream | Cyls. 1-3 | 25587 | | |
| | | | Cyls. 4-6 | 25587 | | |
| | | | Cyls. 4-6 | 25569 | | |
| L6-2.8 | Upstream | Cyls. 1-3 | 25569 | | | |
| | | Cyls. 4-6 | 25569 | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|--------------------------------|--|--------------------------------|--------------------------------|-------|
| BMW (Cont'd) | | | | | |
| 3 Series (Incl. M, Hybrid Models) (Cont'd) | | | | | |
| 2000 | L6-2.8 | Downstream | Cyls. 1-3 | 25587 | |
| | | | Cyls. 4-6 | 25587 | |
| 1999 | L4-1.9 | Upstream | | 25569 | |
| | | Downstream | | 25586 | |
| | L6-2.5 | Upstream | Cyls. 1-3; Coupe & Convertible | 25013 | |
| | | | Cyls. 1-3; Sedan | 25569 | |
| | | | Cyls. 1-3; Coupe & Convertible | 25013 | |
| | | | Cyls. 4-6; Sedan | 25569 | |
| | Downstream | Cyls. 1-3; Coupe & Convertible (O2 w/410mm Lead) | 25045 | | |
| | | Cyls. 1-3; Coupe & Convertible (O2 w/990mm Lead) | 25013 | | |
| | | Cyls. 1-3; Sedan | 25587 | | |
| | | Cyls. 4-6; Coupe & Convertible (O2 w/410mm Lead) | 25045 | | |
| | | Cyls. 4-6; Coupe & Convertible (O2 w/990mm Lead) | 25013 | | |
| | | Cyls. 4-6; Sedan | 25587 | | |
| | | L6-2.8 | Upstream | Cyls. 1-3; Coupe & Convertible | 25013 |
| | | | | Cyls. 1-3; Sedan | 25569 |
| | Cyls. 4-6; Coupe & Convertible | | | 25013 | |
| | Cyls. 4-6; Sedan | | | 25569 | |
| | Downstream | Cyls. 1-3; Coupe & Convertible | 25013 | | |
| | | Cyls. 1-3; Sedan | 25587 | | |
| | | Cyls. 4-6; Coupe & Convertible | 25013 | | |
| | | Cyls. 4-6; Sedan | 25587 | | |
| L6-3.2 | Upstream | Cyls. 1-3 | 25013 | | |
| | | Cyls. 4-6 | 25013 | | |
| | Downstream | Cyls. 1-3 | 25013 | | |
| | | Cyls. 4-6 | 25013 | | |
| 1998 | L4-1.9 | Upstream | | 25569 | |
| | | Downstream | | 25586 | |
| | L6-2.5 | Upstream | Cyls. 1-3 | 25013 | |
| | | | Cyls. 4-6 | 25013 | |
| | | Downstream | Cyls. 1-3; O2 w/410mm Lead | 25045 | |
| | | | Cyls. 1-3; O2 w/990mm Lead | 25013 | |
| | Cyls. 4-6; O2 w/410mm Lead | | 25045 | | |
| | | Cyls. 4-6; O2 w/990mm Lead | 25013 | | |
| | | L6-2.8 | Upstream | Cyls. 1-3 | 25013 |
| | | | | Cyls. 4-6 | 25013 |
| | Downstream | Cyls. 1-3 | 25013 | | |
| | | Cyls. 4-6 | 25013 | | |
| | L6-3.2 | Upstream | Cyls. 1-3 | 25013 | |
| | | | Cyls. 4-6 | 25013 | |
| | | Downstream | Cyls. 1-3 | 25013 | |
| | | | Cyls. 4-6 | 25013 | |
| 1997-96 | L4-1.9 | Upstream | | 25569 | |
| | | Downstream | | 25586 | |
| | L6-2.8 | Upstream | Cyls. 1-3 | 25013 | |
| | | | Cyls. 4-6 | 25013 | |
| Downstream | | Cyls. 1-3 | 25013 | | |
| | | Cyls. 4-6 | 25013 | | |
| L6-3.2 | Upstream | Cyls. 1-3 | 25013 | | |
| | | Cyls. 4-6 | 25013 | | |
| | Downstream | Cyls. 1-3 | 25013 | | |
| | | Cyls. 4-6 | 25013 | | |
| 1995-94 | L4-1.8 | Upstream | | 25041 | |
| | | Downstream | | 25041 | |
| | L6-2.0 | Upstream | A/T | 25010 | |
| | | M/T | 25078 | | |
| L6-2.5 | Upstream | A/T | 25565 | | |
| | | M/T | 25041 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|---------------|---------------|------------------------------|--------|
| BMW (Cont'd) | | | | |
| 3 Series (Incl. M, Hybrid Models) (Cont'd) | | | | |
| 1995-94 | L6-3.0 | Upstream | Cyls. 1-3; A/T | 25565 |
| | | | Cyls. 1-3; M/T | 25041 |
| | | | Cyls. 4-6; A/T | 25565 |
| | | | Cyls. 4-6; M/T | 25041 |
| 1993 | L4-1.8 | Upstream | | 25041 |
| | | | | 25041 |
| | L6-2.0 | Upstream | A/T | 25010 |
| | | | M/T | 25078 |
| | L6-2.5 | Upstream | M20 Eng; SOHC | 25529 |
| | | | M50TU Eng; DOHC; A/T | 25565 |
| M50TU Eng; DOHC; M/T | | | 25041 | |
| | | | | |
| 1992 | L4-1.8 | Upstream | Coupe; To 9/92 | 25529 |
| | | | Coupe; From 9/92 | 25041 |
| | | | Convertible; O2 w/800mm Lgth | 25530 |
| | | | Convertible; O2 w/940mm Lgth | 25571 |
| | | | Sedan | 25041 |
| | | | | |
| | L6-2.0 | Upstream | A/T | 25010 |
| | | | M/T | 25078 |
| | L6-2.5 | Upstream | M20 Eng; SOHC | 25529 |
| | | | M50 Eng; DOHC; A/T | 25565 |
| M50 Eng; DOHC; M/T | | | 25041 | |
| | | | | |
| 1991 | L4-1.8 | Upstream | w/800mm Lgth | 25530 |
| | | | w/940mm Lgth | 25571 |
| | | | | |
| L4-2.3 | Upstream | | 25510 | |
| | | | | |
| L6-2.5 | Upstream | | 25529 | |
| | | | | |
| 1990-89 | L4-2.3 | Upstream | | 25510 |
| | | | | |
| L6-2.5 | Upstream | | 25529 | |
| | | | | |
| 1988 | L4-2.3 | Upstream | | 25510 |
| | | | | |
| | | | | |
| L6-2.5 | Upstream | To 9/87 | 25540 | |
| | | From 9/87 | 25529 | |
| L6-2.7 | Upstream | | 25505 | |
| | | | | |
| 1987 | L6-2.5 | Upstream | | 25540 |
| | | | | |
| L6-2.7 | Upstream | | 25505 | |
| | | | | |
| 1986 | L6-2.7 | Upstream | | 25505 |
| | | | | |
| 1985 | L4-1.8 | Upstream | To 12/84 | 25031 |
| | | | From 12/84 | 25510 |
| | L6-2.7 | Upstream | | 25505 |
| | | | | |
| 1984 | L4-1.8 | Upstream | | 25031 |
| | | | | |
| L6-2.7 | Upstream | | 25505 | |
| | | | | |
| 1983-80 | L4-1.8 | Upstream | | 25031 |
| | | | | |
| 1979 | L4-2.0 | Upstream | | 25031 |
| 4 Series (Incl. M Models) | | | | |
| 2018-17 | L4-2.0 | Upstream | | 27083 |
| | | | Downstream | 25541 |
| | L6-3.0 | Upstream | 440i Models | 27082 |
| | | | M4; Cyls. 1-3 | 27051 |
| | | | M4; Cyls. 4-6 | 24364 |
| | | Downstream | 440i Models | 25768 |
| | | | M4; Cyls. 1-3 | 25743 |
| | | | M4; Cyls. 4-6 | 25711 |
| 2016-15 | L4-2.0 | Upstream | | 24364 |
| | | | Downstream | 25740 |
| | L6-3.0 | Upstream | 435i Models | 24364 |
| | | | M4; Cyls. 1-3 | 27051 |
| | | Downstream | M4; Cyls. 4-6 | 24364 |
| | | | 435i Models | 25711 |
| M4; Cyls. 1-3 | | 25743 | | |
| | M4; Cyls. 4-6 | 25711 | | |
| 2014 | L4-2.0 | Upstream | | 24364 |
| | | Downstream | | 25740 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|---------------|---------------------|-------------|
| BMW (Cont'd) | | | | | |
| 4 Series (Incl. M Models) (Cont'd) | | | | | |
| 2014 | L6-3.0 | Upstream | | 24364 | |
| | | Downstream | | 25711 | |
| 5 Series (Incl. M, Hybrid Models) | | | | | |
| 2018 | L4-2.0 | Upstream | | 27083 | |
| | | Downstream | | 25541 | |
| | L6-3.0 | Upstream | | 27082 | |
| | | Downstream | | 25768 | |
| | V8-4.4 | Upstream | LH | | 27000 |
| | | | RH | | 27000 |
| | | Downstream | LH | | 25541 |
| | | | RH | | 25541 |
| | 2017 | L4-2.0 | Upstream | | 27083 |
| | | | Downstream | | 25541 |
| L6-3.0 | | Upstream | | 535i Models | 24364 |
| | | | | 540i Models | 27082 |
| | | | | 535i Models | 25711 |
| V8-4.4 | | Upstream | LH | | 24365 |
| | | | RH | | 24365 |
| | | Downstream | LH | | 25676 |
| | | | RH | | 25676 |
| 2016-14 | | L4-2.0 | Upstream | | 24364 |
| | Downstream | | | 25740 | |
| | L6-3.0 | Upstream | | Diesel; Before DPF | 24326 |
| | | | | Gas & Hybrid Models | 24364 |
| | | | | Diesel; After DPF | 24330 |
| | V8-4.4 | Upstream | LH | 550i Models | 24365 |
| | | | | M5 | 24365 |
| | | | RH | 550i Models | 24365 |
| | | | | M5 | 24365 |
| | | Downstream | LH | 550i Models | 25676 |
| | | | | M5 | 25613 |
| | | | RH | 550i Models | 25676 |
| | | | | M5 | 25613 |
| | 2013 | L4-2.0 | Upstream | | 24364 |
| Downstream | | | | 25740 | |
| L6-3.0 | | Upstream | | | 24364 |
| | | | | | 25730 |
| V8-4.4 | | Upstream | LH | 550i Models | 24365 |
| | | | | M5 | 24365 |
| | | | RH | 550i Models | 24365 |
| | | | | M5 | 24365 |
| | | Downstream | LH | 550i Models | 25676 |
| | | | | M5 | 25613 |
| | | | RH | 550i Models | 25676 |
| | | | | M5 | 25613 |
| 2012 | | L4-2.0 | Upstream | | 24364 |
| | | | Downstream | | 25740 |
| | L6-3.0 | Upstream | | Hatchback | 24364 |
| | | | | Sedan; AWD | 27053 |
| | | | | Sedan; RWD | 24364 |
| | V8-4.4 | Upstream | LH | 550i Models | 24365 |
| | | | | M5 | 24365 |
| | | | RH | 550i Models | 24365 |
| | | M5 | | 24365 | |
| | | Downstream | | LH | 550i Models |
| | | | M5 | | 25613 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | | | |
|---|------------|---------------|---------------|-------------------------------|-------------------------------|-------|-------|-------|
| BMW (Cont'd) | | | | | | | | |
| 5 Series (Incl. M, Hybrid Models) (Cont'd) | | | | | | | | |
| 2012 | V8-4.4 | Downstream | RH | 550i Models | 25676 | | | |
| | | | | M5 | 25613 | | | |
| 2011 | L6-3.0 | Upstream | | 528i; Cyls. 1-3 | 24333 | | | |
| | | | | 528i; Cyls. 4-6 | 24332 | | | |
| | | | | 535i GT Hatchback | 24364 | | | |
| | | | | 535i Sedan Models; AWD | 27053 | | | |
| | | | | 535i Sedan Models; RWD | 24364 | | | |
| | | | | | | | | |
| | V8-4.4 | Downstream | | 528i; Cyls. 1-3 | 25740 | | | |
| | | | | 528i; Cyls. 4-6 | 25735 | | | |
| | | Upstream | LH | | 24365 | | | |
| | | | RH | | 24365 | | | |
| Downstream | LH | | 25676 | | | | | |
| | RH | | 25676 | | | | | |
| 2010 | L6-3.0 | Upstream | | 528i; Cyls. 1-3 | 24322 | | | |
| | | | | 528i; Cyls. 4-6 | 24333 | | | |
| | | | | 535i GT Hatchback | 24364 | | | |
| | | | | 535i Sedan & Wagon; Cyls. 1-3 | 24337 | | | |
| | | | | 535i Sedan & Wagon; Cyls. 4-6 | 24345 | | | |
| | | | | | | | | |
| | | | Downstream | | 528i; Cyls. 1-3 | 25676 | | |
| | | | | | 528i; Cyls. 4-6 | 25613 | | |
| | | | | | 535i GT Hatchback | 25730 | | |
| | | | | | 535i Sedan & Wagon; Cyls. 1-3 | 25676 | | |
| | V8-4.4 | Upstream | LH | | 535i Sedan & Wagon; Cyls. 4-6 | 25614 | | |
| | | | | | | | | |
| | | | RH | | | 24365 | | |
| | | | | | | 24365 | | |
| | | | | | | 24365 | | |
| | | Downstream | LH | | | 25676 | | |
| | | | | | | 25676 | | |
| | | | RH | | | 25676 | | |
| | | | | | | 25676 | | |
| | | | | | | 25676 | | |
| V8-4.8 | Upstream | LH | A/T | 24331 | | | | |
| | | | M/T | 24333 | | | | |
| | | RH | A/T | 24331 | | | | |
| | M/T | | 24330 | | | | | |
| | Downstream | LH | | 25612 | | | | |
| | | | | 25676 | | | | |
| RH | | | 25676 | | | | | |
| V10-5.0 | Upstream | LH | | 24331 | | | | |
| | | RH | | 24331 | | | | |
| | Downstream | LH | | 25627 | | | | |
| | | RH | | 25627 | | | | |
| 2009-08 | L6-3.0 | Upstream | | Cyls. 1-3; Turbo | 24337 | | | |
| | | | | Cyls. 1-3; Exc. Turbo | 24322 | | | |
| | | | | Cyls. 4-6; Turbo | 24345 | | | |
| | | | | Cyls. 4-6; Exc. Turbo | 24333 | | | |
| | | | Downstream | | Cyls. 1-3; Turbo | 25676 | | |
| | | | | | Cyls. 1-3; Exc. Turbo | 25676 | | |
| | | | | | Cyls. 4-6; Turbo | 25614 | | |
| | | | | | Cyls. 4-6; Exc. Turbo | 25613 | | |
| | | | | V8-4.8 | Upstream | LH | A/T | 24331 |
| | | | | | | M/T | 24333 | |
| | RH | A/T | 24331 | | | | | |
| | | M/T | 24330 | | | | | |
| | V10-5.0 | Downstream | LH | | 25612 | | | |
| | | | RH | | 25676 | | | |
| Upstream | | LH | | 24331 | | | | |
| | | RH | | 24331 | | | | |
| 2007 | L6-3.0 | Upstream | | Cyls. 1-3 | 24322 | | | |
| | | | | Cyls. 4-6 | 24333 | | | |
| | Downstream | | Cyls. 1-3 | 25612 | | | | |
| | | | Cyls. 4-6 | 25613 | | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---|------------|---------------|---------------|-----------------------|-----------|-------|
| BMW (Cont'd) | | | | | | |
| 5 Series (Incl. M, Hybrid Models) (Cont'd) | | | | | | |
| 2007 | V8-4.8 | Upstream | LH A/T | 24331 | | |
| | | | M/T | 24333 | | |
| | | RH | A/T | 24331 | | |
| | | | M/T | 24330 | | |
| | | Downstream | LH | 25612 | | |
| | | | RH | 25676 | | |
| | V10-5.0 | Upstream | LH | 24331 | | |
| | | | RH | 24331 | | |
| | | Downstream | LH | 25627 | | |
| | 2006 | L6-3.0 | Upstream | Cyls. 1-3; To 11/05 | 24329 | |
| | | | | Cyls. 1-3; From 11/05 | 24322 | |
| | | | | Cyls. 4-6; To 11/05 | 24329 | |
| Cyls. 4-6; From 11/05 | | | | 24333 | | |
| Downstream | | | Cyls. 1-3 | 25612 | | |
| | | | Cyls. 4-6 | 25613 | | |
| V8-4.8 | | Upstream | LH A/T | 24331 | | |
| | | | M/T | 24333 | | |
| | | RH | A/T | 24331 | | |
| | | | M/T | 24330 | | |
| | | Downstream | LH | 25612 | | |
| | | | RH | 25676 | | |
| V10-5.0 | | Upstream | LH | 24331 | | |
| | | | RH | 24331 | | |
| | | Downstream | LH | 25627 | | |
| | | | RH | 25627 | | |
| | | 2005-04 | L6-2.5 | Upstream | Cyls. 1-3 | 24315 |
| | | | | | Cyls. 4-6 | 24315 |
| Downstream | | | | Cyls. 1-3 | 25658 | |
| | | | | Cyls. 4-6 | 25658 | |
| L6-3.0 | | | | Upstream | Cyls. 1-3 | 24315 |
| | | | | | Cyls. 4-6 | 24315 |
| Downstream | | | Cyls. 1-3 | 25658 | | |
| | | | Cyls. 4-6 | 25658 | | |
| V8-4.4 | Upstream | | LH A/T | 24321 | | |
| | | | M/T | 24316 | | |
| | | | RH A/T | 24321 | | |
| | Downstream | | M/T | 24317 | | |
| | | | LH | 25627 | | |
| | | | RH | 25627 | | |
| 2003-01 | L6-2.5 | | Upstream | Cyls. 1-3 | 25569 | |
| | | | | Cyls. 4-6 | 25569 | |
| | | | Downstream | Cyls. 1-3 | 25587 | |
| | | | | Cyls. 4-6 | 25587 | |
| | | L6-3.0 | Upstream | Cyls. 1-3 | 25569 | |
| | | | | Cyls. 4-6 | 25569 | |
| | Downstream | Cyls. 1-3 | 25587 | | | |
| | | Cyls. 4-6 | 25587 | | | |
| | V8-4.4 | Upstream | LH | 25569 | | |
| | | | RH | 25569 | | |
| | | Downstream | LH | 25542 | | |
| | | | RH | 25542 | | |
| | | V8-5.0 | Upstream | LH | 25569 | |
| | | | | RH | 25569 | |
| | Downstream | | LH | 25542 | | |
| | RH | | 25542 | | | |
| | | 2000 | L6-2.8 | Upstream | Cyls. 1-3 | 25569 |
| | Cyls. 4-6 | | | 25569 | | |
| Downstream | Cyls. 1-3 | | 25587 | | | |
| | Cyls. 4-6 | | 25587 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|--------------|---------------|-----------------|----------------|-------|
| BMW (Cont'd) | | | | | |
| 5 Series (Incl. M, Hybrid Models) (Cont'd) | | | | | |
| 2000 | V8-4.4 | Upstream | LH | 25569 | |
| | | | RH | 25569 | |
| | | Downstream | LH | 25542 | |
| | | | RH | 25542 | |
| | | V8-5.0 | Upstream | LH | 25569 |
| | | | | RH | 25569 |
| | Downstream | LH | 25542 | | |
| | | RH | 25542 | | |
| | 1999 | L6-2.8 | Upstream | Cyls. 1-3 | 25569 |
| | | | | Cyls. 4-6 | 25569 |
| | | | Downstream | Cyls. 1-3 | 25587 |
| | | V8-4.4 | Upstream | LH | 25569 |
| RH | | | | 25569 | |
| Downstream | | | LH | 25542 | |
| RH | 25542 | | | | |
| 1998-97 | L6-2.8 | Upstream | Cyls. 1-3 | 25013 | |
| | | | Cyls. 4-6 | 25013 | |
| | | Downstream | Cyls. 1-3 | 25013 | |
| | V8-4.4 | Upstream | LH | 25569 | |
| | | | RH | 25569 | |
| | | Downstream | LH | 25542 | |
| RH | 25542 | | | | |
| 1995 | L6-2.5 | Upstream | | 25527 | |
| | | | | 25527 | |
| | V8-3.0 | Upstream | LH A/T | 25561 | |
| | | | M/T | 25560 | |
| | | RH | A/T | 25561 | |
| | | | M/T | 25560 | |
| V8-4.0 | Upstream | LH | 25561 | | |
| | | RH | 25561 | | |
| 1994 | L6-2.5 | Upstream | | 25527 | |
| | | | | 25527 | |
| | V8-3.0 | Upstream | LH A/T; To 6/94 | 25565 | |
| | | | A/T; From 6/94 | 25561 | |
| | | | M/T; To 6/94 | 25041 | |
| | | RH | M/T; From 6/94 | 25560 | |
| | | | A/T; To 6/94 | 25565 | |
| | | | A/T; From 6/94 | 25561 | |
| | V8-4.0 | Upstream | M/T; To 6/94 | 25041 | |
| | | | M/T; From 6/94 | 25560 | |
| | | | | 25560 | |
| | | RH | To 3/94; A/T | 25565 | |
| To 3/94; M/T | | | | 25041 | |
| From 3/94 | | | 25561 | | |
| To 3/94; A/T | 25565 | | | | |
| | To 3/94; M/T | 25041 | | | |
| From 3/94 | 25561 | | | | |
| 1993-91 | L6-2.5 | Upstream | | 25527 | |
| | L6-3.5 | Upstream | | 25562 | |
| | L6-3.6 | Upstream | | 25562 | |
| 1990-89 | L6-2.5 | Upstream | | 25046 | |
| | L6-3.5 | Upstream | | 25562 | |
| 1988 | L6-2.7 | Upstream | | 25559 | |
| | L6-3.5 | Upstream | 535i, iS M5 | 25562 25512 | |
| 1987 | L6-2.7 | Upstream | | 25031 | |
| | L6-3.5 | Upstream | | 25512 | |
| 1986-85 | L6-2.7 | Upstream | | 25031 | |
| | L6-3.5 | Upstream | | 25505 | |
| 1984 | L6-2.7 | Upstream | | 25031 | |
| | L6-3.2 | Upstream | | 25031 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---|----------|---------------|-------------------|---------------------------------|-------|-------|
| BMW (Cont'd) | | | | | | |
| 5 Series (Incl. M, Hybrid Models) (Cont'd) | | | | | | |
| 1983-79 | All Engs | Upstream | | 25031 | | |
| 6 Series (Incl. Alpina B6, M Variants) | | | | | | |
| 2018 | L6-3.0 | Upstream | N55B30A Eng | 24364 | | |
| | | | B58B30M0 Eng | 27082 | | |
| | | Downstream | N55B30A Eng | 25711 | | |
| | | | B58B30M0 Eng | 25768 | | |
| | V8-4.4 | Upstream | LH | 24365 | | |
| | | | RH | 24365 | | |
| | | Downstream | LH | 25613 | | |
| | | | RH | 25613 | | |
| | 2017-14 | L6-3.0 | Upstream | | 24364 | |
| | | | Downstream | | 25711 | |
| V8-4.4 | | Upstream | LH | | 24365 | |
| | | | RH | | 24365 | |
| | | Downstream | LH | N63 Eng; 650i, Alpina B6 Models | 25676 | |
| | | | | S63 Eng; M6 Models | 25613 | |
| | | | RH | N63 Eng; 650i, Alpina B6 Models | 25676 | |
| | | | | S63 Eng; M6 Models | 25613 | |
| 2013-12 | | L6-3.0 | Upstream | | 24364 | |
| | | | Downstream | | 25730 | |
| | V8-4.4 | Upstream | LH | | 24365 | |
| | | | RH | | 24365 | |
| | | Downstream | LH | N63 Eng; 650i, Alpina B6 Models | 25676 | |
| | | | | S63 Eng; M6 Models | 25613 | |
| | | | RH | N63 Eng; 650i, Alpina B6 Models | 25676 | |
| | | | | S63 Eng; M6 Models | 25613 | |
| | 2010-06 | V8-4.8 | Upstream | LH | A/T | 24331 |
| | | | | | M/T | 24330 |
| RH | | | | A/T | 24331 | |
| | | | | M/T | 24333 | |
| Downstream | | | LH | | 25676 | |
| | | | RH | | 25612 | |
| V10-5.0 | | Upstream | LH | | 24331 | |
| | | | RH | | 24331 | |
| | | Downstream | LH | | 25627 | |
| | | | RH | | 25627 | |
| 2005-04 | V8-4.4 | Upstream | LH | A/T | 24321 | |
| | | | | M/T | 24316 | |
| | | | RH | A/T | 24321 | |
| | | | | M/T | 24317 | |
| | | Downstream | LH | | 25627 | |
| | | | RH | | 25627 | |
| 1989 | L6-3.5 | Upstream | | 25562 | | |
| 1988 | L6-3.5 | Upstream | 635CSi; Cyls. 1-3 | 25512 | | |
| | | | 635CSi; Cyls. 4-6 | 25512 | | |
| | | | M6 | 25562 | | |
| 1987 | L6-3.5 | Upstream | 635CSi; Cyls. 1-3 | 25512 | | |
| | | | 635CSi; Cyls. 4-6 | 25512 | | |
| | | | M6 | 25512 | | |
| 1986-85 | L6-3.5 | Upstream | | 25505 | | |
| 1984-80 | L6-3.2 | Upstream | | 25031 | | |
| 7 Series (Incl. Alpina B7, Hybrid Models) | | | | | | |
| 2018-17 | L4-2.0 | Upstream | | 27083 | | |
| | | Downstream | | 25541 | | |
| | L6-3.0 | Upstream | | 27082 | | |
| | | Downstream | | 25768 | | |
| V8-4.4 | Upstream | LH | 27000 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|--------------------|--------|-------|
| BMW (Cont'd) | | | | | |
| 7 Series (Incl. Alpina B7, Hybrid Models) (Cont'd) | | | | | |
| 2018-17 | V8-4.4 | Upstream | RH | 27000 | |
| | | Downstream | LH | 25541 | |
| | | | RH | 25541 | |
| | V12-6.6 | Downstream | LH | 25541 | |
| | | | RH | 25541 | |
| | | | | 27082 | |
| 2016 | L6-3.0 | Upstream | | 27082 | |
| | | Downstream | | 25768 | |
| | V8-4.4 | Upstream | LH | | 27000 |
| | | | RH | | 27000 |
| | | Downstream | LH | | 25541 |
| | | | RH | | 25541 |
| 2015 | L6-3.0 | Upstream | Diesel; Before DPF | 24330 | |
| | | | Gas | 24364 | |
| | | Downstream | Diesel; After DPF | 24330 | |
| | | | Gas | 25730 | |
| | V8-4.4 | Upstream | LH | 24365 | |
| | | | RH | 24365 | |
| | | Downstream | LH | 25676 | |
| | | | RH | 25676 | |
| | V12-6.0 | Upstream | LH | 24365 | |
| | | | RH | 24365 | |
| Downstream | | LH | 25676 | | |
| | | RH | 25676 | | |
| 2014-13 | L6-3.0 | Upstream | | 24364 | |
| | | Downstream | | 25730 | |
| | V8-4.4 | Upstream | LH | | 24365 |
| | | | RH | | 24365 |
| | | Downstream | LH | | 25676 |
| | | | RH | | 25676 |
| | V12-6.0 | Upstream | LH | | 24365 |
| | | | RH | | 24365 |
| | | Downstream | LH | | 25676 |
| | | | RH | | 25676 |
| 2012-11 | L6-3.0 | Upstream | Cyls. 1-3 | 24337 | |
| | | | Cyls. 4-6 | 24333 | |
| | | Downstream | Cyls. 1-3 | 25676 | |
| | | | Cyls. 4-6 | 25614 | |
| | V8-4.4 | Upstream | LH | 24365 | |
| | | | RH | 24365 | |
| | | Downstream | LH | 25676 | |
| | | | | 25676 | |
| | | | RH | 24365 | |
| | | | | 24365 | |
| V12-6.0 | Upstream | LH | 24365 | | |
| | | RH | 24365 | | |
| | Downstream | LH | 25676 | | |
| | | | 25676 | | |
| | | RH | 25676 | | |
| | | | 25676 | | |
| 2010 | V8-4.4 | Upstream | LH | 24365 | |
| | | | RH | 24365 | |
| | | Downstream | LH | 25676 | |
| | | | | 25676 | |
| | | | RH | 25676 | |
| | | | | 25676 | |
| | V12-6.0 | Upstream | LH | 24365 | |
| | | | RH | 24365 | |
| | | Downstream | LH | 25676 | |
| | | | RH | 25676 | |
| 2009 | V8-4.4 | Upstream | LH | 24365 | |
| | | | RH | 24365 | |
| | | Downstream | LH | 25676 | |
| | | | | 25676 | |
| | | | RH | 25676 | |
| | | | | 25676 | |
| 2008-07 | V8-4.4 | Upstream | LH | 24321 | |
| | | | RH | 24321 | |
| | | Downstream | LH | 25627 | |
| | | | RH | 25627 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|---------------|--------|-------|
| BMW (Cont'd) | | | | | |
| 7 Series (Incl. Alpina B7, Hybrid Models) (Cont'd) | | | | | |
| 2008-07 | V8-4.4 | Downstream | RH | 25627 | |
| | | | LH | 24331 | |
| | V8-4.8 | Upstream | LH | 24331 | |
| | | | RH | 24331 | |
| | | Downstream | LH | 25612 | |
| | | | RH | 25676 | |
| | V12-6.0 | Upstream | LH | 24331 | |
| | | | RH | 24331 | |
| | | Downstream | LH | 25612 | |
| | | | RH | 25612 | |
| | 2006 | V8-4.8 | Upstream | LH | 24331 |
| | | | | RH | 24331 |
| Downstream | | | LH | 25612 | |
| | | | RH | 25676 | |
| V12-6.0 | | Upstream | LH | 24321 | |
| | | | RH | 24321 | |
| | | Downstream | LH | 25627 | |
| | | | RH | 25627 | |
| 2005-03 | | V8-4.4 | Upstream | LH | 24321 |
| | | | | RH | 24321 |
| | | | Downstream | LH | 25627 |
| | | | | RH | 25627 |
| | V12-6.0 | Upstream | LH | 24321 | |
| | | | RH | 24321 | |
| | | Downstream | LH | 25627 | |
| | | | RH | 25627 | |
| 2002 | V8-4.4 | Upstream | LH To 5/02 | 24316 | |
| | | | RH From 5/02 | 24321 | |
| | | | RH | 24321 | |
| | Downstream | LH | 25627 | | |
| | | RH | 25627 | | |
| | | RH | 25627 | | |
| 2001-99 | V8-4.4 | Upstream | LH | 25569 | |
| | | | RH | 25569 | |
| | | Downstream | LH | 25542 | |
| | | | RH | 25542 | |
| | V12-5.4 | Upstream | LH | 25569 | |
| | | | RH | 25569 | |
| | | Downstream | LH | 25586 | |
| | | | RH | 25586 | |
| | 1998 | V8-4.4 | Upstream | LH | 25569 |
| | | | | RH | 25569 |
| | | | Downstream | LH | 25542 |
| | | | | RH | 25542 |
| V12-5.4 | | Upstream | LH | 25569 | |
| | | | RH | 25569 | |
| | | Downstream | LH M73 Eng | 25542 | |
| | | | RH M73N Eng | 25586 | |
| 1997-96 | | V8-4.4 | Upstream | LH | 25569 |
| | | | | RH | 25569 |
| | | | Downstream | LH | 25542 |
| | | | | RH | 25542 |
| 1995 | V8-4.0 | Upstream | LH | 25560 | |
| | | | RH | 25560 | |
| | | V12-5.4 | Upstream | LH | 25569 |
| | RH | | | 25569 | |
| | Downstream | | LH | 25542 | |
| | | RH | 25542 | | |
| 1995 | | V8-4.0 | Upstream | LH | 25560 |
| | RH | | | 25560 | |
| | V12-5.4 | Upstream | LH | 25569 | |
| RH | | | 25569 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|----------|---------------|---------------|----------|-------|
| BMW (Cont'd) | | | | | |
| 7 Series (Incl. Alpina B7, Hybrid Models) (Cont'd) | | | | | |
| 1995 | V12-5.4 | Downstream | LH | 25542 | |
| | | | RH | 25542 | |
| 1994-93 | V8-4.0 | Upstream | LH | 25565 | |
| | | | RH | 25565 | |
| | V12-5.0 | Upstream | LH | 25533 | |
| | | | RH | 25533 | |
| 1992-88 | L6-3.5 | Upstream | | 25562 | |
| | | | V12-5.0 | Upstream | LH |
| | | | RH | 25533 | |
| 1987-86 | L6-3.5 | Upstream | | 25528 | |
| 1985 | L6-3.5 | Upstream | | 25505 | |
| 1984-79 | L6-3.2 | Upstream | | 25031 | |
| 8 Series | | | | | |
| 1997-96 | V8-4.4 | Upstream | LH | 25569 | |
| | | | RH | 25569 | |
| | | Downstream | LH | 25542 | |
| | | | RH | 25542 | |
| | V12-5.4 | Upstream | LH | 25569 | |
| | | | RH | 25569 | |
| | | Downstream | LH | 25542 | |
| | | | RH | 25542 | |
| | 1995 | V8-4.0 | Upstream | LH | 25560 |
| | | | | RH | 25560 |
| | | V12-5.4 | Upstream | LH | 25569 |
| | | | | RH | 25569 |
| Downstream | LH | 25542 | | | |
| | RH | 25542 | | | |
| 1994 | V8-4.0 | Upstream | LH To 5/94 | 25041 | |
| | | | RH From 5/94 | 25560 | |
| | | V12-5.0 | Upstream | LH | 25533 |
| | | | | RH | 25533 |
| V12-5.6 | Upstream | LH | 25529 | | |
| | | RH | 25529 | | |
| 1993-91 | V12-5.0 | Upstream | LH | 25533 | |
| | | | RH | 25533 | |
| | | Downstream | LH | 25533 | |
| | | | RH | 25533 | |
| i Series (i3, i8) | | | | | |
| 2018 | L2-0.6 | Upstream | Hybrid | 24364 | |
| | | | Downstream | Hybrid | 25711 |
| 2017-14 | L2-0.6 | Upstream | Hybrid | 24364 | |
| | | | Downstream | Hybrid | 25711 |
| | L3-1.5 | Upstream | | 24364 | |
| | | | Downstream | | 25744 |
| L6, L7 | | | | | |
| 1987 | L6-3.5 | Upstream | 3-Wire | 25512 | |
| | | | 4-Wire | 25528 | |
| 1986 | L6-3.5 | Upstream | | 25528 | |
| X1 | | | | | |
| 2018-16 | L4-2.0 | Upstream | | 27053 | |
| | | | Downstream | 25744 | |
| 2015-13 | L4-2.0 | Upstream | | 24364 | |
| | | | Downstream | 25740 | |
| | L6-3.0 | Upstream | | 27053 | |
| | | | Downstream | 25736 | |
| 2012 | L4-2.0 | Upstream | | 24364 | |
| | | | Downstream | 25740 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---------------------|----------------|---------------------------------|---------------------------------|--------|
| BMW (Cont'd) | | | | |
| X1 (Cont'd) | | | | |
| 2011 | L6-3.0 | Upstream | Cyls. 1-3; MEX | 24322 |
| | | | Cyls. 4-6; MEX | 24333 |
| | | Downstream | Cyls. 1-3; MEX | 25676 |
| | | | Cyls. 4-6; MEX | 25613 |
| 2010 | L6-2.5 | Upstream | Cyls. 1-3; MEX | 24322 |
| | | | Cyls. 4-6; MEX | 24333 |
| | | Downstream | Cyls. 1-3; MEX | 25676 |
| | | | Cyls. 4-6; MEX | 25613 |
| | L6-3.0 | Upstream | Cyls. 1-3; MEX | 24322 |
| | | | Cyls. 4-6; MEX | 24333 |
| Downstream | Cyls. 1-3; MEX | 25676 | | |
| | Cyls. 4-6; MEX | 25613 | | |
| X2 | | | | |
| 2018 | L4-2.0 | Upstream | | 27053 |
| | | Downstream | | 25744 |
| X3 | | | | |
| 2018 | L4-2.0 | Upstream | | 27083 |
| | | Downstream | | 25541 |
| | L6-3.0 | Upstream | | 27082 |
| | | Downstream | | 25768 |
| 2017-15 | L4-2.0 | Upstream | Diesel; Before DPF | 24329 |
| | | | Gas | 24364 |
| | | Downstream | Diesel; After DPF | 24333 |
| | | | Gas | 25740 |
| | L6-3.0 | Upstream | | 27053 |
| | | Downstream | | 25730 |
| 2014-13 | L4-2.0 | Upstream | | 24364 |
| | | Downstream | | 25740 |
| | L6-3.0 | Upstream | | 27053 |
| | | Downstream | | 25730 |
| 2012-11 | L6-3.0 | Upstream | Turbo; xDrive35i | 27053 |
| | | | Non-Turbo; xDrive28i; Cyls. 1-3 | 24333 |
| | | | Non-Turbo; xDrive28i; Cyls. 4-6 | 24332 |
| | | | Downstream | |
| | Downstream | Turbo; xDrive35i | 25730 | |
| | | Non-Turbo; xDrive28i; Cyls. 1-3 | 25740 | |
| | | Non-Turbo; xDrive28i; Cyls. 4-6 | 25735 | |
| | | Downstream | | |
| 2010 | L6-3.0 | Upstream | Cyls. 1-3; xDrive28i | 24333 |
| | | | Cyls. 1-3; xDrive30i | 24322 |
| | | | Cyls. 4-6; xDrive28i | 24332 |
| | | | Cyls. 4-6; xDrive30i | 24333 |
| | | Downstream | Cyls. 1-3; xDrive28i | 25740 |
| | | | Cyls. 1-3; xDrive30i | 25676 |
| | | | Cyls. 4-6; xDrive28i | 25735 |
| | | | Cyls. 4-6; xDrive30i | 25613 |
| 2009-07 | L6-3.0 | Upstream | Cyls. 1-3 | 24322 |
| | | | Cyls. 4-6 | 24333 |
| | | Downstream | Cyls. 1-3 | 25676 |
| | | | Cyls. 4-6 | 25613 |
| 2006-04 | L6-2.5 | Upstream | Cyls. 1-3 | 25569 |
| | | | Cyls. 4-6 | 25569 |
| | | Downstream | Cyls. 1-3 | 25587 |
| | | | Cyls. 4-6 | 25587 |
| | L6-3.0 | Upstream | Cyls. 1-3; A/T | 24315 |
| | | | Cyls. 1-3; M/T | 25569 |
| | | | Cyls. 4-6; A/T | 24315 |
| | | | Cyls. 4-6; M/T | 25569 |
| | | Downstream | Cyls. 1-3; A/T | 25658 |
| | | | Cyls. 1-3; M/T | 25587 |
| | | Cyls. 4-6; A/T | 25658 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------|------------|------------------------|--------------------------------|--------------------|-------|
| BMW (Cont'd) | | | | | |
| X3 (Cont'd) | | | | | |
| 2006-04 | L6-3.0 | Downstream | Cyls. 4-6; M/T | 25587 | |
| X4 | | | | | |
| 2018-17 | L4-2.0 | Upstream | | 24364 | |
| | | Downstream | | 25740 | |
| | L6-3.0 | Upstream | M40i | 24364 | |
| | | Downstream | M40i | 25711 | |
| 2016 | L4-2.0 | Upstream | | 24364 | |
| | | Downstream | | 25740 | |
| | L6-3.0 | Upstream | xDrive35i | 27053 | |
| | | Downstream | M40i | 24364 | |
| | | Downstream | xDrive35i | 25730 | |
| | | | M40i | 25711 | |
| 2015 | L4-2.0 | Upstream | | 24364 | |
| | | Downstream | | 25740 | |
| | L6-3.0 | Upstream | xDrive35i | 27053 | |
| | | Downstream | xDrive35i | 25730 | |
| X5 | | | | | |
| 2018-16 | L4-2.0 | Upstream | | 24364 | |
| | | Downstream | | 25740 | |
| | | L6-3.0 | Upstream | Diesel; Before DPF | 24326 |
| | | | Gas | 24364 | |
| | Downstream | Diesel; After DPF | 24329 | | |
| | | Gas | 25711 | | |
| | V8-4.4 | Upstream | LH | 24365 | |
| | | | RH | 24365 | |
| | | Downstream | LH | 25676 | |
| | | | RH | 25676 | |
| | 2015-14 | L6-3.0 | Upstream | Diesel; Before DPF | 24326 |
| | | | | Gas | 24364 |
| Downstream | | | Diesel; After DPF | 24329 | |
| | | | Gas | 25711 | |
| V8-4.4 | | Upstream | LH | 24365 | |
| | | | RH | 24365 | |
| | | Downstream | LH | 25676 | |
| | | | RH | 25676 | |
| 2013 | L6-3.0 | Upstream | Diesel (w/ 1 Upstream O2 Only) | 24326 | |
| | | | Gas | 24364 | |
| | | Downstream | Gas | 25730 | |
| | | | | | |
| | V8-4.4 | Upstream | LH | 24365 | |
| | | | RH | 24365 | |
| | | Downstream | LH | M; S63B44A Eng | |
| | | | RH | M; S63B44A Eng | |
| | | xDrive50i; N63B44B Eng | 25676 | | |
| | | xDrive50i; N63B44B Eng | 25676 | | |
| 2012-11 | L6-3.0 | Upstream | Diesel (w/ 1 Upstream O2 Only) | 24326 | |
| | | | Gas | 24364 | |
| | | Downstream | Gas | 25730 | |
| | | | | | |
| | V8-4.4 | Upstream | LH | 24365 | |
| | | | RH | 24365 | |
| | | Downstream | LH | M; S63B44A Eng | |
| | | | RH | M; S63B44A Eng | |
| | | xDrive50i; N63B44B Eng | 25676 | | |
| | | xDrive50i; N63B44B Eng | 25676 | | |
| 2010 | L6-3.0 | Upstream | Diesel (w/ 1 Upstream O2 Only) | 24326 | |
| | | | Gas; Cyls. 1-3 | 24322 | |
| | | Downstream | Gas; Cyls. 4-6 | 24333 | |
| | | | Gas; Cyls. 1-3 | 25676 | |
| | V8-4.4 | Upstream | Gas; Cyls. 4-6 | 25613 | |
| | | | | | |
| | | Downstream | LH | 24365 | |
| | | | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|---------------------|------------|---------------|--------------------------------|-----------|---------|---------|--|
| BMW (Cont'd) | | | | | | | |
| X5 (Cont'd) | | | | | | | |
| 2010 | V8-4.4 | Upstream | RH | 24365 | | | |
| | | | LH | 25612 | | | |
| | | Downstream | RH | 25612 | | | |
| | V8-4.8 | Upstream | LH | 24333 | | | |
| | | | RH | 24331 | | | |
| | | Downstream | LH | 25612 | | | |
| 2009 | L6-3.0 | Upstream | Diesel (w/ 1 Upstream O2 Only) | | | | |
| | | | Gas; Cyls. 1-3 | | | | |
| | | | Gas; Cyls. 4-6 | | | | |
| | | Downstream | Gas; Cyls. 1-3 | | | | |
| | | | Gas; Cyls. 4-6 | | | | |
| | | | | | | | |
| | V8-4.8 | Upstream | LH | 24333 | | | |
| | | | RH | 24331 | | | |
| | | Downstream | LH | 25612 | | | |
| | | | RH | 25612 | | | |
| | | | | | | | |
| | | | | | | | |
| 2008-07 | L6-3.0 | Upstream | Cyls. 1-3 | | | | |
| | | | Cyls. 4-6 | | | | |
| | | Downstream | Cyls. 1-3 | | | | |
| | | | Cyls. 4-6 | | | | |
| | | V8-4.8 | Upstream | LH | 24333 | | |
| | | | | RH | 24331 | | |
| | Downstream | | LH | 25612 | | | |
| | | | RH | 25612 | | | |
| | | | | | | | |
| | | | | | | | |
| | 2006-05 | L6-3.0 | Upstream | Cyls. 1-3 | | | |
| | | | | Cyls. 4-6 | | | |
| Downstream | | | Cyls. 1-3 | | | | |
| | | | Cyls. 4-6 | | | | |
| V8-4.4 | | | Upstream | LH | 24321 | | |
| | | | | RH | 24316 | | |
| | | Downstream | LH | 25655 | | | |
| | | | RH | 25627 | | | |
| | | | | | | | |
| | | | | | | | |
| V8-4.8 | | Upstream | LH | 24321 | | | |
| | | | RH | 24316 | | | |
| | | Downstream | LH | 25655 | | | |
| | | | RH | 25627 | | | |
| | | | | | | | |
| | | | | | | | |
| 2004 | | L6-3.0 | Upstream | Cyls. 1-3 | | | |
| | | | | Cyls. 4-6 | | | |
| | | | Downstream | Cyls. 1-3 | | | |
| | | | | Cyls. 4-6 | | | |
| | | | V8-4.4 | Upstream | LH | M62 Eng | |
| | | | | | | N62 Eng | |
| | | RH | | | M62 Eng | | |
| | | | | | N62 Eng | | |
| | Downstream | LH | | | M62 Eng | | |
| | | | | | N62 Eng | | |
| | | RH | | M62 Eng | | | |
| | | | | N62 Eng | | | |
| | | V8-4.8 | | Upstream | LH | 24321 | |
| | | | | | RH | 24316 | |
| | Downstream | | | LH | 25655 | | |
| | | | | RH | 25627 | | |
| | | | | | | | |
| | | | | | | | |
| | 2003-02 | L6-3.0 | Upstream | Cyls. 1-3 | | | |
| | | | | Cyls. 4-6 | | | |
| | | | Downstream | Cyls. 1-3 | | | |
| | | | | Cyls. 4-6 | | | |
| | | | V8-4.4 | Upstream | LH | 25569 | |
| | | | | | RH | 25569 | |
| Downstream | | LH | | 25586 | | | |
| | | RH | | 25586 | | | |
| | | | | | | | |
| | | | | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---|-----------|---------------|---------------------------------|----------------|-----------|--|
| BMW (Cont'd) | | | | | | |
| X5 (Cont'd) | | | | | | |
| 2003-02 | V8-4.6 | Upstream | LH | 25569 | | |
| | | | RH | 25569 | | |
| | | Downstream | LH | 25586 | | |
| | | | RH | 25586 | | |
| | | 2001 | L6-3.0 | Upstream | Cyls. 1-3 | |
| | | | | | Cyls. 4-6 | |
| Downstream | Cyls. 1-3 | | | | | |
| | Cyls. 4-6 | | | | | |
| | | | | | | |
| 2000 | V8-4.4 | | Upstream | LH | 25569 | |
| | | RH | | 25569 | | |
| | | Downstream | LH | 25586 | | |
| | | | RH | 25586 | | |
| | | | | | | |
| | | | | | | |
| X6 | | | | | | |
| 2018-15 | L6-3.0 | Upstream | | 24364 | | |
| | | Downstream | | 25711 | | |
| | V8-4.4 | Upstream | LH | 24365 | | |
| | | | RH | 24365 | | |
| | | Downstream | LH | 25676 | | |
| | | | RH | 25676 | | |
| 2014-11 | L6-3.0 | Upstream | | 24364 | | |
| | | Downstream | | 25730 | | |
| | V8-4.4 | Upstream | LH | 24365 | | |
| | | | RH | 24365 | | |
| | | Downstream | LH | M; S63B44A Eng | | |
| | | | xDrive50i & Hybrid; N63B44A Eng | | | |
| | | | RH | M; S63B44A Eng | | |
| | | | xDrive50i & Hybrid; N63B44A Eng | | | |
| | 2010 | L6-3.0 | Upstream | Cyls. 1-3 | | |
| | | | | Cyls. 4-6 | | |
| | | | Downstream | Cyls. 1-3 | | |
| | | | | Cyls. 4-6 | | |
| | | | | | | |
| | | | | | | |
| V8-4.4 | | Upstream | LH | 24365 | | |
| | | | RH | 24365 | | |
| | | Downstream | LH | M; S63B44A Eng | | |
| | | | xDrive50i & Hybrid; N63B44A Eng | | | |
| | | | RH | M; S63B44A Eng | | |
| | | | xDrive50i & Hybrid; N63B44A Eng | | | |
| 2009-08 | L6-3.0 | Upstream | Cyls. 1-3 | | | |
| | | | Cyls. 4-6 | | | |
| | | Downstream | Cyls. 1-3 | | | |
| | | | Cyls. 4-6 | | | |
| | | | | | | |
| | | | | | | |
| | V8-4.4 | Upstream | LH | 24365 | | |
| | | | RH | 24365 | | |
| | | Downstream | LH | 25676 | | |
| | | | RH | 25676 | | |
| | | | | | | |
| | | | | | | |
| Z Series (Incl. Z3, Z4, Z8, Alpina V8, M Models) | | | | | | |
| 2016-12 | L4-2.0 | Upstream | | 24364 | | |
| | | Downstream | | 25740 | | |
| | L6-3.0 | Upstream | Cyls. 1-3 | | | |
| | | | Cyls. 4-6 | | | |
| | | Downstream | Cyls. 1-3 | | | |
| | | | Cyls. 4-6 | | | |
| 2011-09 | L6-3.0 | Upstream | Cyls. 1-3; Turbo | | | |
| | | | 24322 | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|---------------|----------------------|-----------|-------|
| BMW (Cont'd) | | | | | |
| Z Series (Incl. Z3, Z4, Z8, Alpina V8, M Models) (Cont'd) | | | | | |
| 2011-09 | L6-3.0 | Upstream | Cyls. 1-3; Non-Turbo | 24322 | |
| | | | Cyls. 4-6; Turbo | 24345 | |
| | | | Cyls. 4-6; Non-Turbo | 24333 | |
| | | Downstream | Cyls. 1-3; Turbo | 25676 | |
| | | | Cyls. 1-3; Non-Turbo | 25676 | |
| | | | Cyls. 4-6; Turbo | 25613 | |
| 2008-06 | L6-3.0 | Upstream | Cyls. 1-3 | 24322 | |
| | | | Cyls. 4-6 | 24333 | |
| | | Downstream | Cyls. 1-3 | 25676 | |
| | | | Cyls. 4-6 | 25613 | |
| | | L6-3.2 | Upstream | Cyls. 1-3 | 24333 |
| | | | | Cyls. 4-6 | 24333 |
| Downstream | Cyls. 1-3 | | 25618 | | |
| | Cyls. 4-6 | | 25608 | | |
| 2005-04 | L6-2.5 | Upstream | Cyls. 1-3 | 25569 | |
| | | | Cyls. 4-6 | 25569 | |
| | | Downstream | Cyls. 1-3 | 25587 | |
| | | | Cyls. 4-6 | 25587 | |
| | L6-3.0 | Upstream | Cyls. 1-3 | 25569 | |
| | | | Cyls. 4-6 | 25569 | |
| Downstream | Cyls. 1-3 | 25587 | | | |
| | Cyls. 4-6 | 25587 | | | |
| 2003 | L6-2.5 | Upstream | Cyls. 1-3 | 25569 | |
| | | | Cyls. 4-6 | 25569 | |
| | | Downstream | Cyls. 1-3 | 25587 | |
| | | | Cyls. 4-6 | 25587 | |
| | L6-3.0 | Upstream | Cyls. 1-3 | 25569 | |
| | | | Cyls. 4-6 | 25569 | |
| | | Downstream | Cyls. 1-3 | 25587 | |
| | | | Cyls. 4-6 | 25587 | |
| | V8-4.8 | Upstream | LH | 25569 | |
| | | | RH | 25569 | |
| | | Downstream | LH | 25542 | |
| | | | RH | 25542 | |
| V8-5.0 | Upstream | LH | 25569 | | |
| | | RH | 25569 | | |
| | Downstream | LH | 25542 | | |
| | | RH | 25542 | | |
| 2002-01 | L6-2.5 | Upstream | Cyls. 1-3 | 25569 | |
| | | | Cyls. 4-6 | 25569 | |
| | | Downstream | Cyls. 1-3 | 25587 | |
| | | | Cyls. 4-6 | 25587 | |
| | L6-3.0 | Upstream | Cyls. 1-3 | 25569 | |
| | | | Cyls. 4-6 | 25569 | |
| | | Downstream | Cyls. 1-3 | 25587 | |
| | | | Cyls. 4-6 | 25587 | |
| | L6-3.2 | Upstream | Cyls. 1-3 | 25609 | |
| | | | Cyls. 4-6 | 25546 | |
| | | Downstream | Cyls. 1-3 | 25618 | |
| | | | Cyls. 4-6 | 25608 | |
| V8-5.0 | Upstream | LH | 25569 | | |
| | | RH | 25569 | | |
| | Downstream | LH | 25542 | | |
| | | RH | 25542 | | |
| 2000 | L6-2.5 | Upstream | Cyls. 1-3 | 25569 | |
| | | | Cyls. 4-6 | 25569 | |
| | | Downstream | Cyls. 1-3 | 25587 | |
| | | | Cyls. 4-6 | 25587 | |
| | | L6-2.8 | Upstream | Cyls. 1-3 | 25569 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--|------------|----------------------|----------------------|-----------|------------|-------|
| BMW (Cont'd) | | | | | | |
| Z Series (Incl. Z3, Z4, Z8, Alpina V8, M Models) (Cont'd) | | | | | | |
| 2000 | L6-2.8 | Upstream | Cyls. 4-6 | 25569 | | |
| | | | Downstream | Cyls. 1-3 | 25587 | |
| | | L6-3.2 | Upstream | Cyls. 1-3 | 25587 | |
| | | | | Cyls. 4-6 | 25587 | |
| | | | Downstream | Cyls. 1-3 | 25013 | |
| | | | | Cyls. 4-6 | 25013 | |
| | V8-5.0 | Upstream | LH | 25569 | | |
| | | | RH | 25569 | | |
| | | Downstream | LH | 25542 | | |
| | | | RH | 25542 | | |
| | | 1999 | L6-2.5 | Upstream | Cyls. 1-3 | 25569 |
| | | | | | Cyls. 4-6 | 25569 |
| Downstream | Cyls. 1-3 | | | 25587 | | |
| L6-2.8 | Upstream | | Cyls. 1-3 | 25587 | | |
| | | | Cyls. 4-6 | 25587 | | |
| | Downstream | | Cyls. 1-3 | 25587 | | |
| L6-3.2 | Upstream | Cyls. 1-3 | 25013 | | | |
| | | Cyls. 4-6 | 25013 | | | |
| | Downstream | Cyls. 1-3 | 25163 | | | |
| | | Cyls. 4-6 | 25163 | | | |
| | | 1998 | L4-1.9 | Upstream | | 25569 |
| | | | | | Downstream | |
| L6-2.8 | Upstream | | To 9/98 | 25045 | | |
| | | | From 9/98; Cyls. 1-3 | 25569 | | |
| | Downstream | | From 9/98; Cyls. 4-6 | 25569 | | |
| | | | To 9/98 | 25013 | | |
| L6-3.2 | Upstream | From 9/98; Cyls. 1-3 | 25587 | | | |
| | | From 9/98; Cyls. 4-6 | 25587 | | | |
| | Downstream | Cyls. 1-3 | 25013 | | | |
| | | Cyls. 4-6 | 25013 | | | |
| 1997 | L4-1.9 | Upstream | | 25569 | | |
| | | | Downstream | | 25542 | |
| | L6-2.8 | Upstream | | 25045 | | |
| | | | Downstream | | 25013 | |
| 1996 | L4-1.9 | Upstream | | 25569 | | |
| | | | Downstream | | 25542 | |
| BUICK | | | | | | |
| Allure | | | | | | |
| 2010 | L4-2.4 | Upstream | | 21555 | | |
| | | | Downstream | | 21064 | |
| | V6-3.0 | Upstream | LH | 21556 | | |
| | | | RH | 21556 | | |
| | | Downstream | LH | 21556 | | |
| | | | RH | 21556 | | |
| | V6-3.6 | Upstream | LH | 21556 | | |
| | | | RH | 21556 | | |
| | | Downstream | LH | 21556 | | |
| | | | RH | 21556 | | |
| | 2009 | V6-3.8 | Upstream | Calif. | 21546 | |
| | | | | Federal | 21517 | |
| Downstream | | | 21513 | | | |
| | | V8-5.3 | Upstream | 21559 | | |
| 2008 | V6-3.6 | Upstream | | 21023 | | |
| | | | | 24316 | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------------|----------|---------------|---------------|--------|
| BUICK (Cont'd) | | | | |
| Allure (Cont'd) | | | | |
| 2008 | V6-3.6 | Downstream | | 21556 |
| | | Upstream | Calif. | 21546 |
| | | | Federal | 21517 |
| | V8-5.3 | Downstream | | 21513 |
| | | Upstream | | 21559 |
| 2007-05 | V6-3.6 | Downstream | | 21023 |
| | | Upstream | | 24316 |
| | V6-3.8 | Downstream | | 21556 |
| | | Upstream | Calif. | 21546 |
| | | | Federal | 21517 |
| Downstream | | 21048 | | |
| Cascada | | | | |
| 2018-16 | L4-1.6 | Upstream | | 21579 |
| | | Downstream | | 21080 |
| Century | | | | |
| 2005 | V6-3.1 | Upstream | | 21516 |
| | | Downstream | | 21048 |
| 2004-01 | V6-3.1 | Upstream | | 21516 |
| | | Downstream | | 21528 |
| 2000-97 | V6-3.1 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| 1996 | L4-2.2 | Upstream | | 21002 |
| | | Downstream | | 21528 |
| | V6-3.1 | Upstream | | 21006 |
| | | Downstream | | 21528 |
| 1995-94 | L4-2.2 | Upstream | | 21002 |
| | V6-3.1 | Upstream | | 21006 |
| 1993-82 | All Engs | Upstream | | 21002 |
| 1981-79 | All Engs | Upstream | | 21553 |
| Electra, Estate Wagon | | | | |
| 1990-82 | All Engs | Upstream | | 21002 |
| 1981-80 | All Engs | Upstream | | 21553 |
| Enclave | | | | |
| 2018 | V6-3.6 | Upstream | LH | 21084 |
| | | | RH | 21084 |
| | | Downstream | LH | 21084 |
| | | | RH | 21084 |
| | | | | |
| 2017-12 | V6-3.6 | Upstream | LH | 21571 |
| | | | RH | 21571 |
| | | Downstream | LH | 21571 |
| | | | RH | 21571 |
| | | | | |
| 2011-09 | V6-3.6 | Upstream | LH | 21556 |
| | | | RH | 21556 |
| | | Downstream | LH | 21556 |
| | | | RH | 21556 |
| | | | | |
| 2008 | V6-3.6 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21064 |
| | | | RH | 21064 |
| | | | | |
| Encore | | | | |
| 2018-16 | L4-1.4 | Upstream | LUV Eng | 21577 |
| | | | LE2 Eng | 21580 |
| | | Downstream | LE2 Eng | 21580 |
| | | | LUV Eng | 25727 |
| 2015-13 | L4-1.4 | Upstream | | 21577 |
| | | Downstream | | 25727 |
| Envision | | | | |
| 2018-17 | L4-2.0 | Upstream | | 27016 |
| | | Downstream | | 21071 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--------------------------|----------|---------------|---------------|--------|
| BUICK (Cont'd) | | | | |
| Envision (Cont'd) | | | | |
| 2018-17 | L4-2.5 | Upstream | | 21579 |
| | | Downstream | | 21071 |
| 2016 | L4-2.0 | Upstream | | 27016 |
| | | Downstream | | 21071 |
| LaCrosse | | | | |
| 2018 | L4-2.5 | Upstream | | 21579 |
| | | Downstream | | 21086 |
| | V6-3.6 | Upstream | LH | 21082 |
| | | | RH | 21082 |
| | | Downstream | LH | 21082 |
| | | RH | 21082 | |
| 2017 | V6-3.6 | Upstream | LH | 21082 |
| | | | RH | 21082 |
| | | Downstream | LH | 21082 |
| | | | RH | 21082 |
| 2016-11 | L4-2.4 | Upstream | | 21555 |
| | | Downstream | | 21069 |
| | V6-3.6 | Upstream | LH | 21556 |
| | | | RH | 21556 |
| | | Downstream | LH | 21556 |
| | | RH | 21556 | |
| 2010 | L4-2.4 | Upstream | | 21555 |
| | | Downstream | | 21064 |
| | V6-3.0 | Upstream | LH | 21556 |
| | | | RH | 21556 |
| | | Downstream | LH | 21556 |
| | | | RH | 21556 |
| | V6-3.6 | Upstream | LH | 21556 |
| RH | | | 21556 | |
| Downstream | | LH | 21556 | |
| | | RH | 21556 | |
| 2009 | V6-3.8 | Upstream | Calif. | 21546 |
| | | | Federal | 21517 |
| | V8-5.3 | Downstream | | 21513 |
| | | | Upstream | |
| | | Downstream | | 21023 |
| 2008 | V6-3.6 | Upstream | | 24316 |
| | | Downstream | | 21556 |
| | V6-3.8 | Upstream | Calif. | 21546 |
| | | | Federal | 21517 |
| | | Downstream | | 21513 |
| V8-5.3 | Upstream | | 21559 | |
| | | Downstream | | 21023 |
| | 2007-05 | V6-3.6 | Upstream | |
| Downstream | | | | 21556 |
| V6-3.8 | | Upstream | Calif. | 21546 |
| | | | Federal | 21517 |
| Downstream | | 21048 | | |
| LeSabre | | | | |
| 2005-04 | V6-3.8 | Upstream | | 21517 |
| | | Downstream | | 21048 |
| 2003-97 | V6-3.8 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| 1996 | V6-3.8 | Upstream | | 21006 |
| | | Downstream | | 21528 |
| 1995-94 | V6-3.8 | Upstream | | 21006 |
| 1993 | V6-3.8 | Upstream | | 21004 |
| 1992-82 | All Engs | Upstream | | 21002 |
| 1981-79 | All Engs | Upstream | | 21553 |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-----------------------|--------|---------------|-------------------|--|
| BUICK (Cont'd) | | | | |
| Lucerne | | | | |
| 2011-09 | V6-3.9 | Upstream | | 21546 |
| | | Downstream | | 21560 |
| | V8-4.6 | Upstream | F | 21558 |
| | | | R | 21558 |
| | | Downstream | | 21559 |
| 2008-07 | V6-3.8 | Upstream | Calif. | 21546 |
| | | | Federal | 21517 |
| | V8-4.6 | Upstream | F | 21558 |
| | | | R | 21558 |
| | | Downstream | | 21559 |
| 2006 | V6-3.8 | Upstream | | 21517 |
| | | Downstream | | 21048 |
| | V8-4.6 | Upstream | F | 21558 |
| | | | R | 21558 |
| | | Downstream | | 21559 |
| Park Avenue | | | | |
| 2005-04 | V6-3.8 | Upstream | | 21517 |
| | | Downstream | | 21048 |
| 2003-97 | V6-3.8 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| 1996 | V6-3.8 | Upstream | | 21006 |
| | | Downstream | | 21528 |
| 1995-94 | V6-3.8 | Upstream | | 21006 |
| 1993 | V6-3.8 | Upstream | Supercharged | 21002 |
| | | | Exc. Supercharged | 21004 |
| 1992-91 | V6-3.8 | Upstream | | 21002 |
| Rainier | | | | |
| 2007 | L6-4.2 | Upstream | | 21561 |
| | | Downstream | | 21058 |
| | V8-5.3 | Upstream | LH | 21558 |
| | | | RH | 21558 |
| | | Downstream | LH | 21576 |
| 2006 | L6-4.2 | Upstream | | 21561 |
| | | Downstream | | 21023 |
| | V8-5.3 | Upstream | LH | 21558 |
| | | | RH | 21558 |
| | | Downstream | LH | 1st Design; Square Plug 2nd Design; Triangular Plug |
| 2005 | L6-4.2 | Upstream | | 21054 |
| | | Downstream | | 21044 |
| | V8-5.3 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21048 |
| 2004 | L6-4.2 | Upstream | | 21054 |
| | | Downstream | | 21044 |
| | V8-5.3 | Upstream | LH | 21047 |
| | | | RH | 21047 |
| | | Downstream | LH | 21048 |
| Reatta | | | | |
| 1991-88 | V6-3.8 | Upstream | | 21002 |
| Regal | | | | |
| 2017-14 | L4-2.0 | Upstream | | 21579 |
| | | Downstream | | 21071 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-----------------------|----------|---------------|-----------------------------|----------------|
| BUICK (Cont'd) | | | | |
| Regal (Cont'd) | | | | |
| 2017-14 | L4-2.4 | Upstream | | 21555 |
| | | Downstream | | 21069 |
| 2013-12 | L4-2.0 | Upstream | | 21555 |
| | | Downstream | | 21067 |
| | L4-2.4 | Upstream | | 21555 |
| 2011 | L4-2.0 | Upstream | | 21555 |
| | | Downstream | | 21067 |
| | L4-2.4 | Upstream | | 21555 |
| | | Downstream | 1st Design; Square Plug | 21064 |
| | | Downstream | 2nd Design; Triangular Plug | 21069 |
| 2004 | V6-3.8 | Upstream | | 21517 |
| | | Downstream | | 21048 |
| 2003-97 | V6-3.8 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| 1996 | V6-3.1 | Upstream | | 21006 |
| | | Downstream | | 21528 |
| | V6-3.8 | Upstream | | 21006 |
| 1995 | V6-3.1 | Upstream | | 21006 |
| | | Downstream | | 21006 |
| | V6-3.8 | Upstream | | 21006 |
| 1994 | V6-3.1 | Upstream | | 21006 |
| | | Downstream | | 21551 |
| | V6-3.8 | Upstream | | 21006 |
| 1993 | V6-3.1 | Upstream | Calif. | 21003 |
| | | | Federal | 21002 |
| | V6-3.8 | Upstream | 3-Wire 4-Wire | 21004 21006 |
| 1992-82 | All Engs | Upstream | | 21002 |
| 1981-79 | All Engs | Upstream | | 21553 |
| Rendezvous | | | | |
| 2007 | V6-3.5 | Upstream | | 21546 |
| | | Downstream | | 21048 |
| 2006 | V6-3.5 | Upstream | | 21546 |
| | | Downstream | | 21048 |
| | V6-3.6 | Upstream | | 24316 |
| 2005 | V6-3.4 | Upstream | | 21516 |
| | | Downstream | | 21048 |
| | V6-3.6 | Upstream | | 24316 |
| | | Downstream | | 21556 |
| 2004 | V6-3.4 | Upstream | | 21516 |
| | | Downstream | | 21528 |
| | V6-3.6 | Upstream | | 24316 |
| 2003-02 | V6-3.4 | Upstream | | 21516 |
| | | Downstream | | 21528 |
| Riviera | | | | |
| 1999-97 | V6-3.8 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| 1996 | V6-3.8 | Upstream | | 21006 |
| | | Downstream | | 21528 |
| 1995 | V6-3.8 | Upstream | | 21006 |
| 1993-82 | All Engs | Upstream | | 21002 |
| 1981-79 | All Engs | Upstream | | 21553 |
| Roadmaster | | | | |
| 1996 | V8-5.7 | Upstream | LH | 21006 |
| | | | RH | 21006 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|----------------------------|----------|-------------------------|---------------------|------------|--|-------|
| BUICK (Cont'd) | | | | | | |
| Roadmaster (Cont'd) | | | | | | |
| 1996 | V8-5.7 | Downstream | LH | 21006 | | |
| | | | RH | 21006 | | |
| 1995-94 | V8-5.7 | Upstream | LH | 21006 | | |
| | | | RH | 21006 | | |
| 1993-91 | All Engs | Upstream | | 21002 | | |
| Skyhawk | | | | | | |
| 1989-83 | All Engs | Upstream | | 21002 | | |
| 1982 | L4-1.8 | Upstream | CARB | 21002 | | |
| | | | FI | 21553 | | |
| 1980-79 | V6-3.8 | Upstream | | 21553 | | |
| Skylark, Sportwagon | | | | | | |
| 1998-97 | L4-2.4 | Upstream | | 21002 | | |
| | | Downstream | | 21550 | | |
| | V6-3.1 | Upstream | | 21539 | | |
| | | Downstream | | 21550 | | |
| 1996 | L4-2.4 | Upstream | | 21002 | | |
| | | Downstream | | 21550 | | |
| | V6-3.1 | Upstream | | 21006 | | |
| | | Downstream | | 21550 | | |
| 1995-94 | L4-2.3 | Upstream | | 21002 | | |
| | V6-3.1 | Upstream | | 21006 | | |
| 1993-82 | All Engs | Upstream | | 21002 | | |
| 1981-80 | All Engs | Upstream | 1-Wire | 21002 | | |
| | | | 2-Wire | 21553 | | |
| 1979 | All Engs | Upstream | | 21553 | | |
| Somerset | | | | | | |
| 1987-85 | All Engs | Upstream | | 21002 | | |
| Terraza | | | | | | |
| 2007-05 | All Engs | Upstream | | 21546 | | |
| | | Downstream | | 21048 | | |
| Verano | | | | | | |
| 2017 | L4-2.4 | Upstream | | 21555 | | |
| | | Downstream | | 21078 | | |
| 2016-15 | L4-2.0 | Upstream | | 21555 | | |
| | | Downstream | | 21067 | | |
| | L4-2.4 | Upstream | | 21555 | | |
| | | Downstream | | 21078 | | |
| 2014-13 | L4-2.0 | Upstream | | 21555 | | |
| | | Downstream | | 21067 | | |
| | L4-2.4 | Upstream | | 21555 | | |
| | | Downstream | | 21067 | | |
| 2012 | L4-2.4 | Upstream | | 21555 | | |
| | | Downstream | | 21067 | | |
| CADILLAC | | | | | | |
| Allante | | | | | | |
| 1993 | V8-4.6 | Upstream | | 21506 | | |
| 1992-87 | All Engs | Upstream | | 21553 | | |
| ATS | | | | | | |
| 2019 | V6-3.6 | Upstream | LH Turbo | 21574 | | |
| | | | LH Non-Turbo | 21088 | | |
| | | | RH Turbo | 21574 | | |
| | | | RH Non-Turbo | 21088 | | |
| | | | Downstream LH Turbo | 21571 | | |
| | | Downstream LH Non-Turbo | 21087 | | | |
| | | Downstream RH Turbo | 21571 | | | |
| | | Downstream RH Non-Turbo | 21087 | | | |
| | | 2018 | L4-2.0 | Upstream | | 27016 |
| | | | | Downstream | | 21086 |
| | V6-3.6 | Upstream | LH Turbo | 21574 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---------------------------|----------|---------------|---------------------|----------|
| CADILLAC (Cont'd) | | | | |
| ATS (Cont'd) | | | | |
| 2018 | V6-3.6 | Upstream | LH Non-Turbo | 21088 |
| | | | RH Turbo | 21574 |
| | | | RH Non-Turbo | 21088 |
| | | | Downstream LH Turbo | 21571 |
| | | Downstream | RH Non-Turbo | 21087 |
| | | | RH Turbo | 21571 |
| | | | RH Non-Turbo | 21087 |
| | | | | |
| 2017-16 | L4-2.0 | Upstream | | 27016 |
| | | Downstream | | 21072 |
| | L4-2.5 | Upstream | | 21579 |
| | | Downstream | | 21072 |
| | V6-3.6 | Upstream | LH Turbo | 21574 |
| | | | LH Non-Turbo | 21079 |
| RH Turbo | | | 21574 | |
| Downstream | | LH Turbo | 21571 | |
| | | LH Non-Turbo | 21077 | |
| | | RH Turbo | 21571 | |
| | | RH Non-Turbo | 21077 | |
| | | | | |
| 2015-13 | L4-2.0 | Upstream | | 21579 |
| | | Downstream | | 21072 |
| | L4-2.5 | Upstream | | 21579 |
| | | Downstream | | 21072 |
| | V6-3.6 | Upstream | LH | 21574 |
| | | | RH | 21574 |
| | | Downstream | LH | 21571 |
| | | | RH | 21571 |
| Brougham | | | | |
| 1992-87 | All Engs | Upstream | | 21002 |
| Catera | | | | |
| 2001-99 | V6-3.0 | Upstream | LH | 24313 |
| | | | RH | 24313 |
| | | Downstream | LH | 21521 |
| | | | RH | 21521 |
| 1998-97 | V6-3.0 | Upstream | LH | 21529 |
| | | | RH | 21529 |
| | | Downstream | LH | 21535 |
| | | | RH | 21535 |
| Cimarron | | | | |
| 1988-82 | All Engs | Upstream | | 21002 |
| Commercial Chassis | | | | |
| 1996 | V8-5.7 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | | Downstream | LH | 21006 |
| | | | RH | 21006 |
| 1995-94 | V8-5.7 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| 1993 | V8-4.9 | Upstream | | 21553 |
| | | | V8-5.7 | Upstream |
| | | | 4-Wire | 21006 |
| 1992 | V8-4.9 | Upstream | | 21553 |
| | | | V8-5.7 | Upstream |
| 1991-88 | All Engs | Upstream | | 21553 |
| 1987-85 | V8-4.1 | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| 1984-80 | All Engs | Upstream | | 21553 |
| CT6 | | | | |
| 2018-17 | L4-2.0 | Upstream | | 27016 |
| | | Downstream | | 21086 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--------------------------|------------|-------------------|---------------|------------|-----------|-------|
| CADILLAC (Cont'd) | | | | | | |
| CT6 (Cont'd) | | | | | | |
| 2018-17 | V6-3.0 | Upstream | LH | 27037 | | |
| | | | RH | 27037 | | |
| | | Downstream | LH | 21077 | | |
| | | | RH | 21077 | | |
| | V6-3.6 | Upstream | LH | 21079 | | |
| | | | RH | 21079 | | |
| | | Downstream | LH | 21077 | | |
| | | | RH | 21077 | | |
| 2016 | L4-2.0 | Upstream | | 27016 | | |
| | | Downstream | | 21072 | | |
| | V6-3.0 | Upstream | LH | 27037 | | |
| | | | RH | 27037 | | |
| | | Downstream | LH | 21077 | | |
| | | | RH | 21077 | | |
| | V6-3.6 | Upstream | LH | 21079 | | |
| | | | RH | 21079 | | |
| | | | Downstream | LH | 21077 | |
| | | | RH | 21077 | | |
| | | CTS, CTS-V | | | | |
| | | 2018 | L4-2.0 | Upstream | | 27016 |
| Downstream | | | | 21086 | | |
| V6-3.6 | Upstream | | LH | Turbo | 21574 | |
| | | | | Non-Turbo | 21088 | |
| | | | RH | Turbo | 21574 | |
| | | | | Non-Turbo | 21088 | |
| | Downstream | | LH | Turbo | 21571 | |
| | | | | Non-Turbo | 21087 | |
| | | | RH | Turbo | 21571 | |
| | | | | Non-Turbo | 21087 | |
| V8-6.2 | Upstream | | LH | 21579 | | |
| | | | RH | 21579 | | |
| | | | Downstream | LH | 21083 | |
| | | | RH | 21083 | | |
| | 2017 | | L4-2.0 | Upstream | | 27016 |
| | | | | Downstream | | 21086 |
| V6-3.6 | | | Upstream | LH | Turbo | 21574 |
| | | | | | Non-Turbo | 21079 |
| | | | | RH | Turbo | 21574 |
| | | | | | Non-Turbo | 21079 |
| | | | Downstream | LH | Turbo | 21571 |
| | | | | | Non-Turbo | 21077 |
| | | | | RH | Turbo | 21571 |
| | | | | | Non-Turbo | 21077 |
| V8-6.2 | | Upstream | LH | 21579 | | |
| | | | RH | 21579 | | |
| | Downstream | | LH | 21083 | | |
| | | RH | 21083 | | | |
| | 2016 | L4-2.0 | Upstream | | 27016 | |
| | | | Downstream | | 21072 | |
| V6-3.6 | | Upstream | LH | Turbo | 21574 | |
| | | | | Non-Turbo | 21079 | |
| | | | RH | Turbo | 21574 | |
| | | | | Non-Turbo | 21079 | |
| | | Downstream | LH | Turbo | 21571 | |
| | | | | Non-Turbo | 21077 | |
| | | | RH | Turbo | 21571 | |
| | | | | Non-Turbo | 21077 | |
| V8-6.2 | | Upstream | LH | 21579 | | |
| | | | RH | 21579 | | |
| | Downstream | LH | 21083 | | | |
| | | RH | 21083 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------------|------------|---------------|---------------|--------------|-------|
| CADILLAC (Cont'd) | | | | | |
| CTS, CTS-V (Cont'd) | | | | | |
| 2016 | V8-6.2 | Downstream | LH | 21081 | |
| | | | RH | 21081 | |
| 2015 | L4-2.0 | Upstream | | 21579 | |
| | | Downstream | | 21072 | |
| | V6-3.6 | Upstream | LH | 21574 | |
| | | | RH | 21574 | |
| | | Downstream | LH | 21571 | |
| | | | RH | 21571 | |
| | V8-6.2 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21061 | |
| | | | RH | 21061 | |
| | 2014 | L4-2.0 | Upstream | | 21579 |
| | | | Downstream | | 21072 |
| V6-3.0 | | Upstream | LH | 21574 | |
| | | | RH | 21574 | |
| | | Downstream | LH | 21569 | |
| | | | RH | 21571 | |
| V6-3.6 | | Upstream | LH | 21574 | |
| | | | RH | 21574 | |
| | | Downstream | LH | 21571 | |
| | | | RH | 21571 | |
| V8-6.2 | | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | Downstream | LH | 21061 | | |
| | | RH | 21061 | | |
| 2013-12 | V6-3.0 | Upstream | LH | 21574 | |
| | | | RH | 21574 | |
| | | Downstream | LH | 21569 | |
| | | | RH | 21571 | |
| | V6-3.6 | Upstream | LH | 21574 | |
| | | | RH | 21574 | |
| | | Downstream | LH | 21569 | |
| | | | RH | 21571 | |
| | V8-6.2 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21061 | |
| | | | RH | 21061 | |
| 2011-10 | V6-3.0 | Upstream | LH | 21574 | |
| | | | RH | 21574 | |
| | | Downstream | LH | A/T 21569 | |
| | | | RH | M/T 21571 | |
| | V6-3.6 | Upstream | LH | 21575 | |
| | | | RH | 21575 | |
| | | Downstream | LH | A/T 21569 | |
| | | | RH | M/T 21571 | |
| | V8-6.2 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21061 | |
| | | | RH | 21061 | |
| 2009 | V6-3.6 | Upstream | LH | 21575 | |
| | | | RH | 21575 | |
| | | Downstream | LH | A/T 21569 | |
| | | | RH | M/T 21571 | |
| | V8-6.2 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21061 | |
| | | | RH | 21061 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|----------------------------|---------------------------------|---------------|---------------------------------|---------------------------------|---------------------------------|-------|
| CADILLAC (Cont'd) | | | | | | |
| CTS, CTS-V (Cont'd) | | | | | | |
| 2009 | V8-6.2 | Downstream | RH | 21061 | | |
| 2008 | V6-3.6 | Upstream | LH | 21575 | | |
| | | | RH | 21575 | | |
| | | Downstream | LH A/T | 21569 | | |
| | | | M/T | 21571 | | |
| | | | RH | 21571 | | |
| 2007 | V6-2.8 | Upstream | LH | 24327 | | |
| | | | RH | 24327 | | |
| | | Downstream | LH | 21571 | | |
| | | | RH | 21571 | | |
| | | | | | | |
| | V6-3.6 | Upstream | LH | 24327 | | |
| | | | RH | 24327 | | |
| | | Downstream | LH | 21571 | | |
| | | | RH | 21571 | | |
| | V8-6.0 | Upstream | LH | 21559 | | |
| | | | RH | 21559 | | |
| | | Downstream | LH | 21514 | | |
| | | | RH | 21514 | | |
| | 2006 | V6-2.8 | Upstream | LH | 24327 | |
| | | | | RH | 24327 | |
| Downstream | | | LH | 21571 | | |
| | | | RH | 21571 | | |
| V6-3.6 | | Upstream | LH | 24327 | | |
| | | | RH | 24327 | | |
| | | Downstream | LH | 21571 | | |
| | | | RH | 21571 | | |
| V8-6.0 | | Upstream | LH | 21559 | | |
| | | | RH | 21559 | | |
| | | Downstream | LH | 21049 | | |
| | | | RH | 21049 | | |
| 2005 | | V6-2.8 | Upstream | LH 1st Design; Rectangular Plug | 24320 | |
| | | | | LH 2nd Design; Oval Plug | 24327 | |
| | | | | RH 1st Design; Rectangular Plug | 24320 | |
| | RH 2nd Design; Oval Plug | | | 24327 | | |
| | Downstream | | LH | 21571 | | |
| | | | RH | 21571 | | |
| | | | V6-3.6 | Upstream | LH 1st Design; Rectangular Plug | 24320 |
| | | | | | LH 2nd Design; Oval Plug | 24327 |
| | RH 1st Design; Rectangular Plug | 24320 | | | | |
| | RH 2nd Design; Oval Plug | 24327 | | | | |
| | Downstream | LH | | 21571 | | |
| | | RH | | 21571 | | |
| | | | | | | |
| | V8-5.7 | Upstream | LH | 21571 | | |
| | | | RH | 21571 | | |
| Downstream | | LH | 21514 | | | |
| | | RH | 21514 | | | |
| 2004 | V6-3.2 | Upstream | LH | 25727 | | |
| | | | RH | 25727 | | |
| | | | | | | |
| | | Downstream | LH | 25727 | | |
| | | | RH | 25727 | | |
| | | | | | | |
| | V6-3.6 | Upstream | LH 1st Design; Rectangular Plug | 24320 | | |
| | | | LH 2nd Design; Oval Plug | 24327 | | |
| | | | RH 1st Design; Rectangular Plug | 24320 | | |
| | | | RH 2nd Design; Oval Plug | 24327 | | |
| | | Downstream | LH | 21556 | | |
| | | | RH | 21556 | | |
| V8-5.7 | Upstream | LH | 21571 | | | |
| | | RH | 21571 | | | |
| | Downstream | LH | 21514 | | | |
| | | RH | 21514 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|----------------------------|----------|---------------|--|----------------------|
| CADILLAC (Cont'd) | | | | |
| CTS, CTS-V (Cont'd) | | | | |
| 2003 | V6-3.2 | Upstream | LH | 25727 |
| | | | RH | 25727 |
| | | Downstream | LH | 25727 |
| | | | RH | 25727 |
| Deville, DTS | | | | |
| 2011-06 | V8-4.6 | Upstream | F | 21558 |
| | | | R | 21558 |
| | | Downstream | | 21559 |
| 2005-04 | V8-4.6 | Upstream | F | 21546 |
| | | | R | 21546 |
| | | Downstream | | 21514 |
| | | | | |
| 2003-00 | V8-4.6 | Upstream | F | 21516 |
| | | | R | 21516 |
| | | Downstream | | 21514 |
| 1999 | V8-4.6 | Upstream | F | 21539 |
| | | | R | 21539 |
| | | Downstream | | 21544 |
| 1998 | V8-4.6 | Upstream | 1st Design (w/4 O2s); Loc. in Frt Mnflid | 21539 |
| | | | 1st Design (w/4 O2s); Loc. in Rear Mnflid | 21539 |
| | | | 1st Design (w/4 O2s); Loc. in Exh. Pipe Y Before Cat | 21544 |
| | | F | 2nd Design (w/3 O2s) | 21539 |
| | | | R | 2nd Design (w/3 O2s) |
| | | Downstream | 1st Design (w/4 O2s); Loc. After Cat | 21544 |
| | | | 2nd Design (w/3 O2s) | 21544 |
| 1997-96 | V8-4.6 | Upstream | Loc. in Frt Mnflid | 21539 |
| | | | Loc. in Rear Mnflid | 21539 |
| | | | Loc. in Y Pipe Before Cat. | 21544 |
| | | Downstream | Loc. After Cat. | 21544 |
| 1995-94 | V8-4.6 | Upstream | F | 21506 |
| | | | R | 21506 |
| | V8-4.9 | Upstream | LH Calif. | 21506 |
| | | | RH Calif. | 21506 |
| | | | Federal | 21553 |
| | | | Federal | 21553 |
| 1993-88 | All Engs | Upstream | | 21553 |
| 1987-85 | V8-4.1 | Upstream | | 21002 |
| 1984-83 | V8-4.1 | Upstream | | 21553 |
| 1982 | All Engs | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| 1981-80 | All Engs | Upstream | | 21553 |
| Eldorado | | | | |
| 2002-00 | V8-4.6 | Upstream | F | 21516 |
| | | | R | 21516 |
| | | Downstream | | 21514 |
| 1999 | V8-4.6 | Upstream | F | 21539 |
| | | | R | 21539 |
| | | Downstream | | 21544 |
| 1998 | V8-4.6 | Upstream | 1st Design (w/4 O2s); Loc. in Frt Mnflid | 21539 |
| | | | 1st Design (w/4 O2s); Loc. in Rear Mnflid | 21539 |
| | | | 1st Design (w/4 O2s); Loc. in Exh. Pipe Y Before Cat | 21544 |
| | | F | 2nd Design (w/3 O2s) | 21539 |
| | | | R | 2nd Design (w/3 O2s) |
| | | Downstream | 1st Design (w/4 O2s); Loc. After Cat | 21544 |
| | | | 2nd Design (w/3 O2s) | 21544 |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--------------------------|----------|---------------|----------------------------|---|
| CADILLAC (Cont'd) | | | | |
| Eldorado (Cont'd) | | | | |
| 1997-96 | V8-4.6 | Upstream | Loc. in Frt Mnflid | 21539 |
| | | | Loc. in Rear Mnflid | 21539 |
| | | | Loc. in Y Pipe Before Cat. | 21544 |
| | | Downstream | Loc. After Cat. | 21544 |
| 1995-94 | V8-4.6 | Upstream | F | 21506 |
| | | | R | 21506 |
| 1993 | V8-4.6 | Upstream | F | 21506 |
| | | | R | 21506 |
| | V8-4.9 | Upstream | LH | 21553 |
| | | | RH | 21553 |
| 1992-91 | V8-4.9 | Upstream | LH | 21553 |
| | | | RH | 21553 |
| 1990-88 | All Engs | Upstream | | 21553 |
| 1987 | V8-4.1 | Upstream | | 21553 |
| 1986-85 | V8-4.1 | Upstream | | 21002 |
| 1984-83 | V8-4.1 | Upstream | | 21553 |
| 1982 | V6-4.1 | Upstream | | 21002 |
| | V8-4.1 | Upstream | | 21553 |
| 1981 | V6-4.1 | Upstream | | 21553 |
| | V8-6.0 | Upstream | | 21553 |
| 1980 | V8-5.7 | Upstream | | 21500 |
| | V8-6.0 | Upstream | | 21553 |
| 1979 | V8-5.7 | Upstream | | 21500 |
| ELR | | | | |
| 2016-14 | L4-1.4 | Upstream | | 21577 |
| | | Downstream | | 21556 |
| Escalade | | | | |
| 2018-16 | V8-6.2 | Upstream | LH | 21581 |
| | | | RH | 21579 |
| | | Downstream | LH | 21075 |
| | | | RH | 21075 |
| 2015 | V8-6.2 | Upstream | LH | 21581 |
| | | | RH | 21581 |
| | | Downstream | LH | 21075 |
| | | | RH | 21075 |
| 2014 | V8-6.2 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21066 |
| | | | RH | 21066 |
| 2013-09 | V8-6.0 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21066 |
| | | | RH | 21066 |
| | V8-6.2 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21066 |
| | | | RH | 21066 |
| 2008 | V8-6.2 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21066 |
| | | | RH | 21066 |
| 2007 | V8-6.2 | Upstream | LH | 21559 |
| | | | RH | 21559 |
| | | Downstream | LH | 21049 |
| | | | RH | 21049 |
| 2006 | V8-6.0 | Upstream | LH | 21549 |
| | | | RH | 21549 |
| | | Downstream | LH | 1/2 Ton ESV (SUV) & EXT (Pickup) Models |
| | | | RH | 3/4 Ton ESV (SUV) Models |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--------------------------|------------|---------------|---|---|
| CADILLAC (Cont'd) | | | | |
| Escalade (Cont'd) | | | | |
| 2006 | V8-6.0 | Downstream | RH | 21514 |
| 2005-04 | V8-5.3 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21546 |
| | RH | | 21546 | |
| | V8-6.0 | Upstream | LH | 21549 |
| | | | RH | 21549 |
| Downstream | | LH | 1/2 Ton ESV (SUV) & EXT (Pickup) Models | |
| | | RH | 3/4 Ton ESV (SUV) Models | |
| | | RH | 21514 | |
| 2003 | V8-5.3 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21546 |
| | | | RH | 21546 |
| | | V8-6.0 | Upstream | LH |
| | RH | | | 21549 |
| | Downstream | | LH | 1/2 Ton ESV (SUV) & EXT (Pickup) Models |
| | | | RH | 3/4 Ton ESV (SUV) Models; Calif. |
| | | | RH | 3/4 Ton ESV (SUV) Models; Federal |
| | 2002 | V8-5.3 | Upstream | LH |
| RH | | | | Exc. Canada Built |
| RH | | | | Canada Built (Oshawa Plant) |
| RH | | | | Exc. Canada Built |
| RH | | | | 24626 |
| Downstream | | | LH | Canada Built (Oshawa Plant) |
| | | | RH | Exc. Canada Built |
| | | | RH | Canada Built (Oshawa Plant) |
| | | | RH | Exc. Canada Built |
| | | | RH | 21539 |
| V8-6.0 | Upstream | LH | 21513 | |
| | | RH | 21513 | |
| | Downstream | LH | 21539 | |
| | | RH | 21539 | |
| 2000-99 | V8-5.7 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | | Downstream | LH | 21539 |
| | | | RH | 21539 |
| Fleetwood | | | | |
| 1996 | V8-5.7 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | | Downstream | LH | 21006 |
| | | | RH | 21006 |
| 1995-94 | V8-5.7 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| 1993 | V8-4.9 | Upstream | | 21553 |
| | | | V8-5.7 | Upstream |
| | | | | 4-Wire |
| 1992-91 | V8-4.9 | Upstream | | 21553 |
| 1990-88 | V8-4.5 | Upstream | | 21553 |
| 1987-86 | All Engs | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| 1985 | V8-4.1 | Upstream | | 21002 |
| 1984-83 | V8-4.1 | Upstream | | 21553 |
| | V8-6.0 | Upstream | | 21553 |
| 1982 | V6-4.1 | Upstream | | 21002 |
| | V8-4.1 | Upstream | | 21553 |
| | V8-6.0 | Upstream | | 21553 |
| 1981-80 | V6-4.1 | Upstream | | 21553 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|----------------------------|------------|---------------|---------------|------------------------------|------------------------------|-------|
| CADILLAC (Cont'd) | | | | | | |
| Fleetwood (Cont'd) | | | | | | |
| 1981-80 | V8-6.0 | Upstream | | 21553 | | |
| Seville, STS, STS-V | | | | | | |
| 2011 | V6-3.6 | Upstream | LH | 21575 | | |
| | | | RH | 21575 | | |
| | | Downstream | LH | 21569 | | |
| | | | RH | 21571 | | |
| 2010 | V6-3.6 | Upstream | LH | 21575 | | |
| | | | RH | 21575 | | |
| | | Downstream | LH | 21569 | | |
| | | | RH | 21571 | | |
| | V8-4.6 | Upstream | LH | 21555 | | |
| | | | RH | 21555 | | |
| | | Downstream | LH | 21566 | | |
| | | | RH | 21566 | | |
| 2009-08 | V6-3.6 | Upstream | LH | 21575 | | |
| | | | RH | 21575 | | |
| | | Downstream | LH | 21569 | | |
| | | | RH | 21571 | | |
| | V8-4.4 | Upstream | LH | 21561 | | |
| | | | RH | 21561 | | |
| | | Downstream | LH | 21566 | | |
| | | | RH | 21566 | | |
| V8-4.6 | Upstream | LH | 21555 | | | |
| | | RH | 21555 | | | |
| | Downstream | LH | 21566 | | | |
| | | RH | 21566 | | | |
| 2007 | V6-3.6 | Upstream | LH | 24327 | | |
| | | | RH | 24327 | | |
| | | Downstream | LH | 21571 | | |
| | | | RH | 21571 | | |
| | | V8-4.4 | Upstream | LH | 21561 | |
| | | | | RH | 21561 | |
| | Downstream | LH | 21566 | | | |
| | | RH | 21566 | | | |
| | V8-4.6 | Upstream | LH | 21555 | | |
| | | | RH | 21555 | | |
| | | Downstream | LH | 21566 | | |
| | | | RH | 21566 | | |
| 2006 | | V6-3.6 | Upstream | LH | 24327 | |
| | | | | RH | 24327 | |
| | Downstream | | LH | 21571 | | |
| | | RH | 21571 | | | |
| | V8-4.4 | Upstream | LH | 21561 | | |
| | | | RH | 21561 | | |
| Downstream | | LH | 21566 | | | |
| | RH | 21566 | | | | |
| V8-4.6 | Upstream | LH | 24320 | | | |
| | | RH | 24320 | | | |
| | Downstream | LH | 21571 | | | |
| | | RH | 21571 | | | |
| | 2005 | V6-3.6 | Upstream | LH | 1st Design; Rectangular Plug | 24320 |
| | | | | RH | 1st Design; Rectangular Plug | 24320 |
| Downstream | | | LH | 2nd Design; Oval Plug | 24327 | |
| | | | RH | 2nd Design; Oval Plug | 24327 | |
| V8-4.6 | | Upstream | LH | 1st Design; Rectangular Plug | 24320 | |
| | | | RH | 1st Design; Rectangular Plug | 24320 | |
| | | Downstream | LH | 2nd Design; Oval Plug | 24327 | |
| | | | RH | 2nd Design; Oval Plug | 24327 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------------|------------|---------------|----------------------|--|-------|
| CADILLAC (Cont'd) | | | | | |
| Seville, STS, STS-V (Cont'd) | | | | | |
| 2005 | V8-4.6 | Upstream | LH | 2nd Design; Oval Plug | 24327 |
| | | Downstream | LH | | 21571 |
| | | | RH | | 21571 |
| 2004 | V8-4.6 | Upstream | F | | 21546 |
| | | | R | | 21546 |
| | | Downstream | | | 21514 |
| 2003-00 | V8-4.6 | Upstream | F | | 21516 |
| | | | R | | 21516 |
| | | Downstream | | | 21514 |
| 1999 | V8-4.6 | Upstream | F | | 21539 |
| | | | R | | 21539 |
| | | Downstream | | | 21544 |
| 1998 | V8-4.6 | Upstream | | 1st Design (w/4 O2s); Loc. in Frt Mnflid | 21539 |
| | | | | 1st Design (w/4 O2s); Loc. in Rear Mnflid | 21539 |
| | | | | 1st Design (w/4 O2s); Loc. in Exh. Pipe Y Before Cat | 21544 |
| | | F | 2nd Design (w/3 O2s) | 21539 | |
| | | | R | 2nd Design (w/3 O2s) | 21539 |
| | | Downstream | | 1st Design (w/4 O2s); Loc. After Cat | 21544 |
| | | | | 2nd Design (w/3 O2s) | 21544 |
| | | | | | |
| 1997-96 | V8-4.6 | Upstream | | Loc. in Frt Mnflid | 21539 |
| | | | | Loc. in Rear Mnflid | 21539 |
| | | | | Loc. in Y Pipe Before Cat. | 21544 |
| | | Downstream | | Loc. After Cat. | 21544 |
| 1995-94 | V8-4.6 | Upstream | F | | 21506 |
| | | | R | | 21506 |
| 1993 | V8-4.6 | Upstream | F | | 21506 |
| | | | R | | 21506 |
| | V8-4.9 | Upstream | LH | | 21553 |
| | | | RH | | 21553 |
| 1992-91 | V8-4.9 | Upstream | LH | | 21553 |
| | | | RH | | 21553 |
| 1990-88 | V8-4.5 | Upstream | | | 21553 |
| 1987-85 | V8-4.1 | Upstream | | | 21002 |
| 1984-83 | V8-4.1 | Upstream | | | 21553 |
| 1982 | V6-4.1 | Upstream | | | 21002 |
| | | | | | 21553 |
| 1981 | V6-4.1 | Upstream | | | 21553 |
| | | | V8-6.0 | Upstream | |
| 1980 | V8-5.7 | Upstream | | Gas | 21500 |
| | | | V8-6.0 | Upstream | |
| 1979 | V8-5.7 | Upstream | | Gas | 21500 |
| SRX | | | | | |
| 2016-12 | V6-3.6 | Upstream | LH | | 21556 |
| | | | RH | | 21556 |
| | | Downstream | LH | | 21556 |
| | | | RH | | 21556 |
| 2011-10 | V6-2.8 | Upstream | | | 25727 |
| | | | Downstream | | |
| | V6-3.0 | Upstream | | LH | |
| | | | RH | | 21556 |
| | | Downstream | LH | | 21556 |
| | | | RH | | 21556 |
| 2009-07 | V6-3.6 | Upstream | LH | | 21575 |
| | | | RH | | 21575 |
| | Downstream | LH | | 21571 | |
| | | RH | | 21571 | |
| V8-4.6 | Upstream | LH | | 21555 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--------------------------|------------|---------------|---------------|-----------------------------------|-------|-------|
| CADILLAC (Cont'd) | | | | | | |
| SRX (Cont'd) | | | | | | |
| 2009-07 | V8-4.6 | Upstream | RH | 21555 | | |
| | | Downstream | LH | 21566 | | |
| | | | RH | 21565 | | |
| 2006 | V6-3.6 | Upstream | LH | 24327 | | |
| | | Downstream | RH | 24327 | | |
| | | | LH | 21571 | | |
| | V8-4.6 | Upstream | LH | 24320 | | |
| | | Downstream | RH | 24320 | | |
| | | | LH | 21571 | | |
| 2005 | V6-3.6 | Upstream | LH | 1st Design; Rectangular Plug | 24320 | |
| | | | RH | 2nd Design; Oval Plug | 24327 | |
| | | | LH | 1st Design; Rectangular Plug | 24320 | |
| | | | RH | 2nd Design; Oval Plug | 24327 | |
| | | Downstream | LH | 21571 | | |
| | | | RH | 21571 | | |
| | V8-4.6 | Upstream | LH | 1st Design; Rectangular Plug | 24320 | |
| | | | RH | 2nd Design; Oval Plug | 24327 | |
| | | | LH | 1st Design; Rectangular Plug | 24320 | |
| | | | RH | 2nd Design; Oval Plug | 24327 | |
| | | Downstream | LH | 21571 | | |
| | | | RH | 21571 | | |
| 2004 | V6-3.6 | Upstream | LH | 24320 | | |
| | | Downstream | RH | 24320 | | |
| | | | LH | 21556 | | |
| | V8-4.6 | Upstream | LH | 24320 | | |
| | | Downstream | RH | 24320 | | |
| | | | LH | 21556 | | |
| XLR, XLR-V | | | | | | |
| 2009-07 | V8-4.4 | Upstream | LH | 21567 | | |
| | | | RH | 21567 | | |
| | | Downstream | LH | 21565 | | |
| | | | RH | 21565 | | |
| | | V8-4.6 | Upstream | LH | 21567 | |
| | | | | RH | 21567 | |
| | Downstream | | LH | 21565 | | |
| | | | RH | 21565 | | |
| | 2006 | | V8-4.4 | Upstream | LH | 21567 |
| | | | | Downstream | RH | 21567 |
| | | LH | | | 21565 | |
| | | V8-4.6 | Upstream | LH | 24312 | |
| Downstream | | | RH | 24312 | | |
| | | | LH | 21563 | | |
| 2005 | V8-4.6 | Upstream | LH | 1st Design; O2 Marked 12567073 | 24320 | |
| | | | RH | 2nd Design; O2 Marked 12597875 | 24312 | |
| | | | LH | 1st Design; O2 Marked 12567073 | 24320 | |
| | | | RH | 2nd Design; O2 Marked 12597875 | 24312 | |
| | | Downstream | LH | 1st Design; O2 Marked 12587037 | 21556 | |
| | | | RH | 2nd Design; O2 Marked 12597876 | 21563 | |
| | | | LH | 1st Design; O2 Marked 12587037 | 21556 | |
| | | | RH | 2nd Design; O2 Marked 12597876 | 21556 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------------|----------|---------------|---------------|-----------------------------------|-------|
| CADILLAC (Cont'd) | | | | | |
| XLR, XLR-V (Cont'd) | | | | | |
| 2005 | V8-4.6 | Downstream | LH | 2nd Design; O2 Marked 12597876 | 21563 |
| 2004 | V8-4.6 | Upstream | LH | 24320 | |
| | | | RH | 24320 | |
| | | Downstream | LH | 21556 | |
| | | | RH | 21556 | |
| XT5 | | | | | |
| 2018-17 | V6-3.6 | Upstream | LH | 21084 | |
| | | | RH | 21084 | |
| | | Downstream | LH | 21084 | |
| | | | RH | 21084 | |
| XTS | | | | | |
| 2018-13 | V6-3.6 | Upstream | LH | 21571 | |
| | | | RH | 21571 | |
| | | Downstream | LH | 21571 | |
| | | | RH | 21571 | |
| CHEVROLET | | | | | |
| Astro | | | | | |
| 2005-03 | V6-4.3 | Upstream | LH | 21545 | |
| | | | RH | 21049 | |
| | | Downstream | | 21049 | |
| 2002-00 | V6-4.3 | Upstream | LH | 21048 | |
| | | Downstream | RH | 21516 | |
| 1999-98 | V6-4.3 | Upstream | LH | 21517 | |
| | | Downstream | RH | 21517 | |
| | | | | | 21517 |
| 1997 | V6-4.3 | Upstream | | Loc. in LH Mnfd | 21539 |
| | | | | Loc. in RH Mnfd | 21006 |
| | | | | Loc. in Y Pipe Before Cat. | 21006 |
| | | Downstream | | Loc. After Cat. | 21539 |
| 1996 | V6-4.3 | Upstream | | Loc. in LH Mnfd | 21006 |
| | | | | Loc. in RH Mnfd | 21006 |
| | | | | Loc. in Y Pipe Before Cat. | 21539 |
| | | Downstream | | Loc. After Cat. | 21539 |
| 1995 | V6-4.3 | Upstream | | 21004 | |
| 1994-92 | V6-4.3 | Upstream | | 21003 | |
| 1991-85 | All Engs | Upstream | | 21002 | |
| Avalanche | | | | | |
| 2013-10 | V8-5.3 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |
| 2009-08 | V8-5.3 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |
| | V8-6.0 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |
| 2007 | V8-5.3 | Upstream | LH | 21559 | |
| | | | RH | 21559 | |
| | | Downstream | LH | 21049 | |
| | | | RH | 21049 | |
| | V8-6.0 | Upstream | LH | 21559 | |
| | | | RH | 21559 | |
| | | Downstream | LH | 21049 | |
| | | | RH | 21049 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|----------------------------|----------|--------------------|-------------------|-----------------------------|--------------|-------|
| CHEVROLET (Cont'd) | | | | | | |
| Avalanche (Cont'd) | | | | | | |
| 2006 | V8-5.3 | Upstream | LH | 21559 | | |
| | | | RH | 21559 | | |
| | | Downstream | LH | 21560 | | |
| | | | RH | 21560 | | |
| | V8-8.1 | Upstream | LH | 21549 | | |
| | | | RH | 21549 | | |
| | | Downstream | LH | 21555 | | |
| | | | RH | 21549 | | |
| 2005-03 | V8-5.3 | Upstream | LH | 21546 | | |
| | | | RH | 21546 | | |
| | | Downstream | LH | 21546 | | |
| | | | RH | 21546 | | |
| | V8-8.1 | Upstream | LH | 21549 | | |
| | | | RH | 21549 | | |
| | | Downstream | LH | 21555 | | |
| | | | RH | 21549 | | |
| 2002 | V8-5.3 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | | Exc. Canada Built | 24626 | |
| | | | RH | Canada Built (Oshawa Plant) | 21516 | |
| | | | Exc. Canada Built | 24626 | | |
| | | Downstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | RH | Canada Built (Oshawa Plant) | 21539 | |
| | V8-8.1 | Upstream | LH | | 21513 | |
| | | | RH | | 21513 | |
| | | | Downstream | LH | 21518 | |
| | | | RH | 21513 | | |
| | | Aveo, Aveo5 | | | | |
| | | 2013-12 | L4-1.6 | Upstream | MEX; LXT Eng | 25189 |
| 2011-09 | L4-1.6 | Upstream | MEX; LXT Eng | 25189 | | |
| | | Downstream | LXV Eng | 25709 | | |
| 2008-06 | L4-1.6 | Upstream | | 25189 | | |
| | | Downstream | | 25190 | | |
| 2005-04 | L4-1.6 | Upstream | | 24653 | | |
| | | Downstream | | 24653 | | |
| Bel Air | | | | | | |
| 1981 | All Engs | Upstream | 1-Wire | 21002 | | |
| | | | 2-Wire | 21553 | | |
| Beretta | | | | | | |
| 1996 | L4-2.2 | Upstream | | 21002 | | |
| | | Downstream | | 21536 | | |
| | V6-3.1 | Upstream | | 21006 | | |
| | | Downstream | | 21536 | | |
| 1995-94 | All Engs | Upstream | 1-Wire | 21002 | | |
| | | | 4-Wire | 21006 | | |
| 1993-87 | All Engs | Upstream | | 21002 | | |
| Blazer, Trailblazer | | | | | | |
| 2009 | L6-4.2 | Upstream | | 21561 | | |
| | | Downstream | | 21058 | | |
| | V8-6.0 | Upstream | LH | 21558 | | |
| | | | RH | 21558 | | |
| | | Downstream | LH | 21060 | | |
| | | | RH | 21059 | | |
| | 2008 | L6-4.2 | Upstream | | 21561 | |
| | | | Downstream | | 21058 | |
| V8-5.3 | | Upstream | LH | 21558 | | |
| | | RH | | 21558 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------------|------------|---------------|---------------|-----------------------------|-------|
| CHEVROLET (Cont'd) | | | | | |
| Blazer, Trailblazer (Cont'd) | | | | | |
| 2008 | V8-5.3 | Downstream | LH | 21060 | |
| | | | RH | 21059 | |
| | | Upstream | LH | 21558 | |
| | | | RH | 21558 | |
| | V8-6.0 | Downstream | LH | 21060 | |
| | | | RH | 21059 | |
| | | Upstream | LH | 21561 | |
| | | | Downstream | | 21058 |
| 2007 | L6-4.2 | Upstream | | 21561 | |
| | | Downstream | | 21058 | |
| | V8-5.3 | Upstream | LH | 21558 | |
| | | | RH | 21558 | |
| | | Downstream | LH | 21576 | |
| | | | RH | 21576 | |
| | V8-6.0 | Upstream | LH | 21558 | |
| | | | RH | 21558 | |
| Downstream | | LH | 21576 | | |
| | | RH | 21576 | | |
| 2006 | L6-4.2 | Upstream | | 21561 | |
| | | Downstream | | 21023 | |
| | V8-5.3 | Upstream | LH | 21558 | |
| | | | RH | 21558 | |
| | | Downstream | LH | 1st Design; Square Plug | 21545 |
| | | | RH | 2nd Design; Triangular Plug | 21576 |
| | V8-6.0 | Upstream | LH | 1st Design; Square Plug | 21545 |
| | | | RH | 2nd Design; Triangular Plug | 21576 |
| | | Downstream | LH | 1st Design; Square Plug | 21545 |
| | | | RH | 2nd Design; Triangular Plug | 21576 |
| | 2005 | L6-4.2 | Upstream | | 21054 |
| | | | Downstream | | 21044 |
| V6-4.3 | | Upstream | LH | 21516 | |
| | | | RH | 21516 | |
| | | Downstream | | 21516 | |
| | | | | 21516 | |
| V8-5.3 | | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | Downstream | LH | 21048 | | |
| | | RH | 21048 | | |
| 2004 | L6-4.2 | Upstream | | 21054 | |
| | | Downstream | | 21044 | |
| | V6-4.3 | Upstream | LH | 21516 | |
| | | | RH | 21516 | |
| | | Downstream | | 21516 | |
| | | | | 21516 | |
| | V8-5.3 | Upstream | LH | 21047 | |
| | | | RH | 21047 | |
| Downstream | | LH | 21048 | | |
| | | RH | 21048 | | |
| 2003 | L6-4.2 | Upstream | | 21049 | |
| | | Downstream | | 21044 | |
| | V6-4.3 | Upstream | LH | 21516 | |
| | | | RH | 21516 | |
| | | Downstream | | 21516 | |
| | | | | 21516 | |
| | V8-5.3 | Upstream | LH | 21047 | |
| | | | RH | 21047 | |
| Downstream | | LH | 21048 | | |
| | | RH | 21048 | | |
| 2002 | L6-4.2 | Upstream | | 21049 | |
| | | Downstream | | 21044 | |
| | V6-4.3 | Upstream | LH | 21516 | |
| | | | | 21516 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------------------|----------|---------------|----------------------------|--------|
| CHEVROLET (Cont'd) | | | | |
| Blazer, Trailblazer (Cont'd) | | | | |
| 2002 | V6-4.3 | Upstream | RH | 21516 |
| | | Downstream | | 21516 |
| 2001-98 | V6-4.3 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | | Downstream | | 21006 |
| 1997-96 | V6-4.3 | Upstream | Loc. in LH Mnfd | 21006 |
| | | | Loc. in RH Mnfd | 21006 |
| | | | Loc. in Y Pipe Before Cat. | 21006 |
| | | Downstream | Loc. After Cat. | 21006 |
| 1995 | V6-4.3 | Upstream | 3-Wire | 21003 |
| | | | 4-Wire | 21006 |
| 1994-92 | V8-5.7 | Upstream | 1-Wire | 21002 |
| | | | 3-Wire | 21003 |
| 1991-83 | All Engs | Upstream | | 21002 |
| C, K, R, V Series Pickup | | | | |
| 2000 | V8-5.7 | Upstream | LH A/T; 4L80-E | 21543 |
| | | | M/T | 21543 |
| | | | RH A/T; 4L80-E | 21543 |
| | | | M/T | 21543 |
| | | Downstream | LH | 21539 |
| | | | RH | 21539 |
| | V8-7.4 | Upstream | LH | 21513 |
| | | | RH | 21513 |
| | | Downstream | LH Calif. | 21513 |
| | | | Federal | 21539 |
| | | | RH Calif. | 21513 |
| | | | Federal | 21539 |
| 1999 | V8-5.0 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | | Downstream | | 21539 |
| | V8-5.7 | Upstream | LH A/T; 4L60-E | 21006 |
| | | | A/T; 4L80-E | 21543 |
| | | | M/T | 21543 |
| | | | RH A/T; 4L60-E | 21006 |
| | | | A/T; 4L80-E | 21543 |
| | | | M/T | 21543 |
| | | Downstream | LH | 21539 |
| | | | RH | 21539 |
| | V8-7.4 | Upstream | LH | 21543 |
| | | | RH | 21543 |
| | | Downstream | LH | 21539 |
| | | | RH | 21539 |
| 1998 | V6-4.3 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | | Downstream | | 21539 |
| | V8-5.0 | Upstream | LH A/T | 21006 |
| | | | M/T | 21543 |
| | | | RH A/T | 21006 |
| | | | M/T | 21543 |
| | | Downstream | | 21539 |
| | V8-5.7 | Upstream | LH A/T; 4L60-E | 21006 |
| | | | A/T; 4L80-E | 21543 |
| | | | M/T | 21543 |
| | | | RH A/T; 4L60-E | 21006 |
| | | | A/T; 4L80-E | 21543 |
| | | | M/T | 21543 |
| | | Downstream | LH | 21539 |
| | | | RH | 21539 |
| | V8-7.4 | Upstream | LH | 21543 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|----------|---------------|----------------------------|--------|
| CHEVROLET (Cont'd) | | | | |
| C, K, R, V Series Pickup (Cont'd) | | | | |
| 1998 | V8-7.4 | Upstream | RH | 21543 |
| | | Downstream | LH | 21539 |
| | | | RH | 21539 |
| 1997-96 | V6-4.3 | Upstream | Loc. in LH Mnfd | 21006 |
| | | | Loc. in RH Mnfd | 21006 |
| | | | Loc. in Y Pipe Before Cat. | 21539 |
| | | Downstream | Loc. After Cat. | 21539 |
| | V8-5.0 | Upstream | Loc. in LH Mnfd; A/T | 21006 |
| | | | Loc. in LH Mnfd; M/T | 21543 |
| | | | Loc. in RH Mnfd; A/T | 21006 |
| | | | Loc. in RH Mnfd; M/T | 21543 |
| | | | Loc. in Y Pipe Before Cat. | 21539 |
| | | Downstream | Loc. After Cat. | 21539 |
| | V8-5.7 | Upstream | LH A/T; 4L60-E | 21006 |
| | | | A/T; 4L80-E | 21543 |
| | | | M/T | 21543 |
| | | | RH A/T; 4L60-E | 21006 |
| | | | A/T; 4L80-E | 21543 |
| | | | M/T | 21543 |
| | | Downstream | LH | 21539 |
| | | | RH | 21539 |
| | V8-7.4 | Upstream | LH | 21543 |
| | | | RH | 21543 |
| | | Downstream | LH | 21539 |
| | | | RH | 21539 |
| 1995 | All Engs | Upstream | 1-Wire | 21002 |
| | | | 3-Wire | 21004 |
| 1994-92 | All Engs | Upstream | 1-Wire | 21002 |
| | | | 3-Wire | 21003 |
| 1991-83 | All Engs | Upstream | | 21002 |
| Camaro | | | | |
| 2018 | L4-2.0 | Upstream | | 27016 |
| | | Downstream | | 21086 |
| | V6-3.6 | Upstream | LH | 21088 |
| | | | RH | 21088 |
| | | Downstream | LH | 21087 |
| | | | RH | 21087 |
| | V8-6.2 | Upstream | LH | 21579 |
| | | | RH | 21579 |
| | | Downstream | LH | 21083 |
| | | | RH | 21083 |
| 2017 | L4-2.0 | Upstream | | 27016 |
| | | Downstream | | 21086 |
| | V6-3.6 | Upstream | LH | 21079 |
| | | | RH | 21079 |
| | | Downstream | LH | 21077 |
| | | | RH | 21077 |
| | V8-6.2 | Upstream | LH | 21579 |
| | | | RH | 21579 |
| | | Downstream | LH | 21083 |
| | | | RH | 21083 |
| 2016 | L4-2.0 | Upstream | | 27016 |
| | | Downstream | | 21072 |
| | V6-3.6 | Upstream | LH | 21079 |
| | | | RH | 21079 |
| | | Downstream | LH | 21077 |
| | | | RH | 21077 |
| | V8-6.2 | Upstream | LH | 21579 |
| | | | RH | 21579 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------|------------|---------------|---------------------------|---------------------------|-------|
| CHEVROLET (Cont'd) | | | | | |
| Camaro (Cont'd) | | | | | |
| 2016 | V8-6.2 | Downstream | LH | 21081 | |
| | | | RH | 21081 | |
| 2015-14 | V6-3.6 | Upstream | LH | 21574 | |
| | | | RH | 21574 | |
| | | Downstream | LH A/T | 21569 | |
| | | | RH M/T | 21571 | |
| | V8-6.2 | Upstream | LH | 21549 | |
| | | | RH | 21549 | |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |
| | V8-7.0 | Upstream | LH | 21549 | |
| | | | RH | 21549 | |
| Downstream | | LH | 21066 | | |
| | | RH | 21066 | | |
| 2013 | V6-3.6 | Upstream | LH | 21574 | |
| | | | RH | 21574 | |
| | | Downstream | LH A/T | 21569 | |
| | | | RH M/T | 21571 | |
| | | V8-6.2 | Upstream | LH | 21549 |
| | | | | RH | 21549 |
| | Downstream | | LH | 21066 | |
| | | | RH | 21066 | |
| | 2012 | V6-3.6 | Upstream | LH | 21574 |
| | | | | RH | 21574 |
| Downstream | | | LH | 21569 | |
| V8-6.2 | | Upstream | LH | 21549 | |
| | | | RH | 21549 | |
| | | Downstream | LH | 21066 | |
| 2011-10 | V6-3.6 | Upstream | LH | 21574 | |
| | | | RH | 21574 | |
| | | Downstream | LH A/T | 21569 | |
| | V8-6.2 | Upstream | LH | 21549 | |
| | | | RH | 21549 | |
| | | Downstream | LH | 21066 | |
| 2002-01 | V6-3.8 | Upstream | Loc. in LH Mnflid | 21539 | |
| | | | Loc. in RH Mnflid | 21539 | |
| | | | Loc. in Exhaust Pipe | 21528 | |
| | | Downstream | Loc. After Cat. | 21528 | |
| | V8-5.7 | Upstream | LH | 21544 | |
| | | | RH | 21528 | |
| | | Downstream | LH | 21544 | |
| | | | RH | 21544 | |
| | 2000 | V6-3.8 | Upstream | Loc. in LH Mnflid; 2-Wire | 21504 |
| | | | | Loc. in LH Mnflid; 4-Wire | 21539 |
| Loc. in RH Mnflid; 2-Wire | | | | 21504 | |
| Loc. in RH Mnflid; 4-Wire | | | | 21539 | |
| Loc. in Exhaust Pipe | | | | 21528 | |
| Downstream | | | Loc. After Cat. | 21528 | |
| V8-5.7 | | Upstream | LH | 21544 | |
| | | | RH | 21528 | |
| | | Downstream | LH | 21544 | |
| | | | RH | 21544 | |
| 1999-98 | V6-3.8 | Upstream | Loc. in LH Mnflid; 2-Wire | 21504 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------|----------|---------------|---------------------------|--------|-------|
| CHEVROLET (Cont'd) | | | | | |
| Camaro (Cont'd) | | | | | |
| 1999-98 | V6-3.8 | Upstream | Loc. in LH Mnflid; 4-Wire | 21539 | |
| | | | Loc. in RH Mnflid; 2-Wire | 21504 | |
| | | | Loc. in RH Mnflid; 4-Wire | 21539 | |
| | | | Loc. in Exhaust Pipe | 21528 | |
| | V8-5.7 | Downstream | Loc. After Cat. | 21528 | |
| | | | Upstream | LH | 21544 |
| | | Downstream | RH | 21528 | |
| | | | LH | 21544 | |
| | | | RH | 21528 | |
| | | | LH | 21528 | |
| 1997 | V6-3.8 | Upstream | Loc. in LH Mnflid | 21539 | |
| | | | Loc. in RH Mnflid | 21539 | |
| | | | Loc. in Exhaust Pipe | 21528 | |
| | | Downstream | Loc. After Cat. | 21528 | |
| | V8-5.7 | Upstream | Loc. in LH Mnflid | 21006 | |
| | | | Loc. in RH Mnflid | 21006 | |
| | | | Loc. in Exhaust Pipe | 21528 | |
| | | Downstream | Loc. After Cat. | 21528 | |
| | | | Upstream | LH | 21006 |
| | | | RH | 21006 | |
| 1996 | V6-3.8 | Upstream | Loc. in LH Mnflid | 21006 | |
| | | | Loc. in RH Mnflid | 21006 | |
| | | | Loc. in Exhaust Pipe | 21528 | |
| | | Downstream | Loc. After Cat. | 21528 | |
| | V8-5.7 | Upstream | Loc. in LH Mnflid | 21006 | |
| | | | Loc. in RH Mnflid | 21006 | |
| | | | Loc. in Exhaust Pipe | 21528 | |
| | | Downstream | Loc. After Cat. | 21528 | |
| | | | Upstream | LH | 21006 |
| | | | RH | 21006 | |
| 1995 | V6-3.4 | Upstream | LH | 21002 | |
| | | | RH | 21002 | |
| | V6-3.8 | Upstream | Loc. in LH Mnflid | 21006 | |
| | | | Loc. in RH Mnflid | 21006 | |
| | | | Loc. in Exhaust Pipe | 21006 | |
| | | Downstream | Loc. After Cat. | 21006 | |
| | V8-5.7 | Upstream | LH | 21006 | |
| | | | RH | 21006 | |
| | | Downstream | LH | 21006 | |
| | | | RH | 21006 | |
| 1994 | V6-3.4 | Upstream | LH | 21002 | |
| | | | RH | 21002 | |
| | V8-5.7 | Upstream | LH | 21006 | |
| | | | RH | 21006 | |
| 1993 | V6-3.4 | Upstream | LH | 21002 | |
| | | | RH | 21002 | |
| | V8-5.7 | Upstream | LH | 21002 | |
| | | | RH | 21002 | |
| 1992-82 | All Engs | Upstream | | 21002 | |
| | 1981-80 | All Engs | Upstream | 1-Wire | 21002 |
| | | | | 2-Wire | 21553 |
| Caprice | | | | | |
| 2017-14 | V6-3.6 | Upstream | LH | 21571 | |
| | | | RH | 21571 | |
| | | Downstream | LH | 21571 | |
| | | | RH | 21571 | |
| | V8-6.0 | Upstream | LH | 21549 | |
| | | | RH | 21549 | |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |
| | 2013-12 | V6-3.6 | Upstream | LH | 21571 |
| | | | | RH | 21571 |
| Downstream | | | LH | 21571 | |
| | | | RH | 21571 | |
| V8-6.0 | | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21546 | |
| | | | RH | 21546 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------------|----------|---------------|---------------|--------|
| CHEVROLET (Cont'd) | | | | |
| Caprice (Cont'd) | | | | |
| 2013-12 | V8-6.0 | Downstream | LH | 21062 |
| | | | RH | 21062 |
| 2011 | V8-6.0 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21062 |
| | | | RH | 21062 |
| 1996 | All Engs | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | | Downstream | LH | 21006 |
| | | | RH | 21006 |
| 1995-94 | All Engs | Upstream | LH | 21006 |
| | | | RH | 21006 |
| 1993-92 | All Engs | Upstream | 1-Wire | 21002 |
| | | | 3-Wire | 21003 |
| 1991-86 | All Engs | Upstream | | 21002 |
| 1985 | V6-3.8 | Upstream | | 21002 |
| | V6-4.3 | Upstream | | 21541 |
| | V8-5.0 | Upstream | | 21002 |
| | V8-5.7 | Upstream | | 21002 |
| 1984-82 | All Engs | Upstream | | 21002 |
| 1981-80 | All Engs | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| Captiva, Captiva Sport | | | | |
| 2015-13 | L4-2.4 | Upstream | | 21558 |
| | | Downstream | | 21068 |
| 2012 | L4-2.4 | Upstream | | 21558 |
| | | Downstream | | 21068 |
| | V6-3.0 | Upstream | LH | 21556 |
| | | | RH | 21556 |
| | | Downstream | LH | 21556 |
| | | | RH | 21556 |
| 2011 | L4-2.4 | Upstream | MEX | 21558 |
| | | Downstream | MEX | 21068 |
| | V6-3.0 | Upstream | LH MEX | 21556 |
| | | | RH MEX | 21556 |
| | | Downstream | LH MEX | 21556 |
| | | | RH MEX | 21556 |
| 2010 | L4-2.4 | Upstream | MEX | 21558 |
| | | Downstream | MEX | 21064 |
| | V6-3.6 | Upstream | LH MEX | 21546 |
| | | | RH MEX | 21546 |
| | | Downstream | LH MEX | 21064 |
| | | | RH MEX | 21064 |
| 2009 | V6-3.6 | Upstream | LH MEX | 21546 |
| | | | RH MEX | 21546 |
| | | Downstream | LH MEX | 21064 |
| | | | RH MEX | 21064 |
| 2008 | L4-2.4 | Upstream | MEX | 21558 |
| | | Downstream | MEX | 21064 |
| | V6-3.6 | Upstream | LH MEX | 21546 |
| | | | RH MEX | 21546 |
| | | Downstream | LH MEX | 21064 |
| | | | RH MEX | 21064 |
| Cavalier | | | | |
| 2005-03 | L4-2.2 | Upstream | | 21045 |
| | | Downstream | | 21042 |
| 2002 | L4-2.2 | Upstream | | 21045 |
| | | Downstream | | 21042 |
| | L4-2.4 | Upstream | | 21040 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---------------------------|----------|---------------|---------------|--------|
| CHEVROLET (Cont'd) | | | | |
| Cavalier (Cont'd) | | | | |
| 2002 | L4-2.4 | Downstream | | 21550 |
| 2001-00 | L4-2.2 | Upstream | | 21040 |
| | | Downstream | | 21519 |
| | L4-2.4 | Upstream | | 21040 |
| | | Downstream | | 21550 |
| 1999 | L4-2.2 | Upstream | | 21039 |
| | | Downstream | | 21519 |
| | L4-2.4 | Upstream | | 21039 |
| | | Downstream | | 21550 |
| 1998 | L4-2.2 | Upstream | | 21002 |
| | | Downstream | | 21519 |
| | L4-2.4 | Upstream | | 21002 |
| | | Downstream | | 21550 |
| 1997-96 | L4-2.2 | Upstream | | 21002 |
| | | Downstream | | 21550 |
| | L4-2.4 | Upstream | | 21002 |
| | | Downstream | | 21550 |
| 1995 | L4-2.2 | Upstream | | 21002 |
| | L4-2.3 | Upstream | | 21002 |
| | | Downstream | Z24; A/T | 21550 |
| 1994-82 | All Engs | Upstream | | 21002 |
| Celebrity | | | | |
| 1990-82 | All Engs | Upstream | | 21002 |
| Chevette | | | | |
| 1987-82 | All Engs | Upstream | 1-Wire | 21002 |
| 1981-80 | All Engs | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| Citation | | | | |
| 1985-82 | All Engs | Upstream | 1-Wire | 21002 |
| 1981-80 | All Engs | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| City Express | | | | |
| 2018-15 | L4-2.0 | Upstream | | 24783 |
| | | Downstream | | 24465 |
| Cobalt | | | | |
| 2010-09 | L4-2.0 | Upstream | | 24325 |
| | | Downstream | | 21564 |
| | L4-2.2 | Upstream | | 21546 |
| | | Downstream | | 21043 |
| 2008 | L4-2.0 | Upstream | | 24325 |
| | | Downstream | | 21564 |
| | L4-2.2 | Upstream | | 21546 |
| | | Downstream | | 21043 |
| | L4-2.4 | Upstream | | 21546 |
| | | Downstream | | 21043 |
| 2007-06 | L4-2.0 | Upstream | | 21045 |
| | | Downstream | | 21043 |
| | L4-2.2 | Upstream | | 21546 |
| | | Downstream | | 21043 |
| | L4-2.4 | Upstream | | 21546 |
| | | Downstream | | 21043 |
| 2005 | L4-2.0 | Upstream | | 21045 |
| | | Downstream | | 21043 |
| | L4-2.2 | Upstream | | 21546 |
| | | Downstream | | 21043 |
| Colorado | | | | |
| 2018-17 | L4-2.5 | Upstream | | 21579 |
| | | Downstream | | 21086 |
| | V6-3.6 | Upstream | LH | 21084 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------|------------|-----------------|----------------------|--------|-------|
| CHEVROLET (Cont'd) | | | | | |
| Colorado (Cont'd) | | | | | |
| 2018-17 | V6-3.6 | Upstream | RH | 21084 | |
| | | Downstream | LH | 21084 | |
| | | | RH | 21084 | |
| 2016-15 | L4-2.5 | Upstream | | 21579 | |
| | | Downstream | | 21072 | |
| | V6-3.6 | Upstream | LH | 21571 | |
| | | Downstream | RH | 21571 | |
| | | | LH | 21571 | |
| | | RH | 21571 | | |
| 2012-09 | L4-2.9 | Upstream | | 21561 | |
| | | Downstream | | 21058 | |
| | L5-3.7 | Upstream | | 21561 | |
| | | Downstream | | 21058 | |
| | V8-5.3 | Upstream | LH | 21559 | |
| | | | RH | 21559 | |
| | | Downstream | LH | 21059 | |
| | | | RH | | 21059 |
| | | | | | |
| 2008-07 | L4-2.9 | Upstream | | 21561 | |
| | | Downstream | | 21058 | |
| | L5-3.7 | Upstream | | 21561 | |
| | | Downstream | | 21058 | |
| 2006 | L4-2.8 | Upstream | | 21561 | |
| | | Downstream | | 21023 | |
| | L5-3.5 | Upstream | | 21561 | |
| | | Downstream | | 21023 | |
| 2005-04 | L4-2.8 | Upstream | | 21054 | |
| | | Downstream | | 21044 | |
| | L5-3.5 | Upstream | | 21054 | |
| | | Downstream | | 21044 | |
| Corsica | | | | | |
| 1996 | L4-2.2 | Upstream | | 21002 | |
| | | Downstream | | 21536 | |
| | V6-3.1 | Upstream | | 21006 | |
| | | Downstream | | 21536 | |
| 1995-94 | L4-2.2 | Upstream | | 21002 | |
| | | V6-3.1 | Upstream | 21006 | |
| 1993-87 | All Engs | Upstream | | 21002 | |
| Corvette | | | | | |
| 2018-17 | V8-6.2 | Upstream | LH | 21579 | |
| | | | RH | 21579 | |
| | | Downstream | LH | 21085 | |
| | | | RH | 21085 | |
| 2016-14 | V8-6.2 | Upstream | LH | 21579 | |
| | | | RH | 21579 | |
| | | Downstream | LH | 21074 | |
| | | | RH | 21074 | |
| 2013-10 | V8-6.2 | Upstream | LH Supercharged | 21549 | |
| | | | RH Exc. Supercharged | 21555 | |
| | | RH Supercharged | | 21549 | |
| | | | Exc. Supercharged | 21555 | |
| | Downstream | LH | 21066 | | |
| | | RH | 21066 | | |
| | | V8-7.0 | Upstream | LH | 21549 |
| | | | RH | 21549 | |
| Downstream | LH | 21066 | | | |
| | RH | 21066 | | | |
| 2009 | V8-6.2 | Upstream | LH Supercharged | 21549 | |
| | | | RH Exc. Supercharged | 21555 | |
| | | RH Supercharged | 21549 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------|------------|--------------------------|--------------------------|-------------------|-------|
| CHEVROLET (Cont'd) | | | | | |
| Corvette (Cont'd) | | | | | |
| 2009 | V8-6.2 | Upstream | LH | Exc. Supercharged | 21555 |
| | | Downstream | LH | | 21066 |
| | | | RH | | 21066 |
| | V8-7.0 | Upstream | LH | | 21555 |
| | | | RH | | 21555 |
| | | Downstream | LH | | 21066 |
| 2008 | V8-6.2 | Upstream | LH | | 21555 |
| | | | RH | | 21555 |
| | | Downstream | LH | | 21066 |
| | V8-7.0 | Upstream | LH | | 21555 |
| | | | RH | | 21555 |
| | | Downstream | LH | | 21066 |
| 2007-06 | V8-6.0 | Upstream | LH | | 21555 |
| | | | RH | | 21555 |
| | | Downstream | LH | | 21048 |
| | V8-7.0 | Upstream | LH | | 21555 |
| | | | RH | | 21555 |
| | | Downstream | LH | | 21048 |
| 2005 | V8-6.0 | Upstream | LH | | 21555 |
| | | | RH | | 21555 |
| | | Downstream | LH | | 21048 |
| | V8-7.0 | Upstream | LH | | 21555 |
| | | | RH | | 21555 |
| | | Downstream | LH | | 21048 |
| 2004 | V8-5.7 | Upstream | LH | | 21546 |
| | | | RH | | 21546 |
| | | Downstream | LH | | 21053 |
| | V8-5.7 | Upstream | LH | | 21006 |
| | | | RH | | 21006 |
| | | Downstream | LH | | 21537 |
| 1996 | V8-5.7 | Upstream | LH | | 21006 |
| | | | RH | | 21006 |
| | | Downstream | LH | | 21006 |
| | V8-5.7 | Upstream | LH | DOHC; ZR-1 | 21003 |
| | | | RH | DOHC; ZR-1 | 21003 |
| | | OHV; Exc. ZR-1 | 21006 | | |
| 1993-90 | V8-5.7 | Upstream | LH | DOHC; ZR-1 | 21003 |
| | | | RH | DOHC; ZR-1 | 21003 |
| | | OHV; Exc. ZR-1 | 21002 | | |
| | V8-5.7 | Upstream | LH | DOHC; ZR-1 | 21002 |
| | | | RH | DOHC; ZR-1 | 21002 |
| | | OHV; Exc. ZR-1 | 21002 | | |
| 1989-84 | All Engs | Upstream | | 1-Wire | 21002 |
| 1982 | All Engs | Upstream | | 1-Wire | 21002 |
| 1981-80 | All Engs | Upstream | | 2-Wire | 21553 |
| Cruze | | | | | |
| 2018-17 | L4-1.4 | Upstream | | 21580 | |
| | | Downstream | | 21580 | |
| 2016 | L4-1.4 | Upstream | Carryover Model; LUV Eng | 21577 | |
| | | | New Model; LE2 Eng | 21580 | |
| | Downstream | Carryover Model; LUV Eng | 25727 | | |
| | | New Model; LE2 Eng | 21580 | | |
| L4-1.8 | Upstream | | 25653 | | |
| | Downstream | | 25727 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---------------------------|------------|----------------------------|--------------------------------|--------|
| CHEVROLET (Cont'd) | | | | |
| Cruze (Cont'd) | | | | |
| 2015-14 | L4-1.4 | Upstream | | 21577 |
| | | Downstream | | 25727 |
| | L4-1.8 | Upstream | | 25653 |
| | | Downstream | | 25727 |
| | L4-2.0 | Upstream | Diesel (w/ 1 Upstream O2 Only) | 27047 |
| 2013-11 | L4-1.4 | Upstream | | 21577 |
| | | Downstream | | 25727 |
| | L4-1.8 | Upstream | | 25653 |
| | | Downstream | | 25727 |
| El Camino | | | | |
| 1987-86 | V6-4.3 | Upstream | | 21002 |
| | V8-5.0 | Upstream | | 21002 |
| 1985 | V6-4.3 | Upstream | | 21541 |
| | V8-5.0 | Upstream | | 21002 |
| 1984-82 | All Engs | Upstream | | 21002 |
| 1981-80 | All Engs | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| 1979 | V6-3.8 | Upstream | | 21553 |
| Epica | | | | |
| 2006 | L6-2.5 | Upstream | Cyls. 1-3 | 25191 |
| | | | Cyls. 4-6 | 25191 |
| | Downstream | Cyls. 1-3; O2 w/470mm Lead | 25187 | |
| | | Cyls. 1-3; O2 w/700mm Lead | 25188 | |
| | | Cyls. 4-6; O2 w/470mm Lead | 25187 | |
| | | Cyls. 4-6; O2 w/700mm Lead | 25188 | |
| 2005-04 | L6-2.5 | Upstream | Cyls. 1-3 | 25666 |
| | | | Cyls. 4-6 | 25666 |
| | Downstream | Cyls. 1-3 | 25667 | |
| | | Cyls. 4-6 | 25667 | |
| Equinox | | | | |
| 2018 | L4-1.5 | Upstream | | 21580 |
| | | Downstream | | 21580 |
| | L4-2.0 | Upstream | | 27016 |
| | | Downstream | | 21071 |
| 2017-15 | L4-2.4 | Upstream | | 21555 |
| | | Downstream | | 21068 |
| | V6-3.6 | Upstream | LH | 21556 |
| | | | RH | 21556 |
| | | Downstream | LH | 21556 |
| | | | RH | 21556 |
| 2014-13 | L4-2.4 | Upstream | | 21558 |
| | | Downstream | | 21068 |
| | V6-3.6 | Upstream | LH | 21556 |
| | | | RH | 21556 |
| | | Downstream | LH | 21556 |
| | | | RH | 21556 |
| 2012-11 | L4-2.4 | Upstream | | 21558 |
| | | Downstream | | 21068 |
| | V6-3.0 | Upstream | LH | 21556 |
| | | | RH | 21556 |
| | | Downstream | LH | 21556 |
| | | | RH | 21556 |
| 2010 | L4-2.4 | Upstream | | 21558 |
| | | Downstream | | 21064 |
| | V6-3.0 | Upstream | LH | 21556 |
| | | | RH | 21556 |
| | | Downstream | LH | 21556 |
| | | | RH | 21556 |
| 2009-08 | V6-3.4 | Upstream | | 21546 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|------------------------------|------------|--|--|--|--|-------|-------|
| CHEVROLET (Cont'd) | | | | | | | |
| Equinox (Cont'd) | | | | | | | |
| 2009-08 | V6-3.4 | Downstream | | 21568 | | | |
| | | V6-3.6 | Upstream | LH | 21575 | | |
| | RH | | | 21575 | | | |
| | Downstream | LH | 21571 | | | | |
| | | RH | 21571 | | | | |
| 2007-05 | V6-3.4 | Upstream | | 21546 | | | |
| | | Downstream | | 21048 | | | |
| G Series, Express Van | | | | | | | |
| 2017 | V8-4.8 | Upstream | LH | 21581 | | | |
| | | | RH | 21581 | | | |
| | | Downstream | LH | 21075 | | | |
| | | | RH | 21075 | | | |
| | V8-6.0 | Upstream | LH | 21581 | | | |
| | | | RH | 21581 | | | |
| | | Downstream | LH | 21075 | | | |
| | | | RH | 21075 | | | |
| | 2016 | V8-4.8 | Upstream | LH | 21581 | | |
| | | | | RH | 21581 | | |
| Downstream | | | LH | Triangular Plug Oval Plug | | | |
| | | | RH | Triangular Plug Oval Plug | | | |
| V8-6.0 | | Upstream | LH | 21581 | | | |
| | | | RH | 21581 | | | |
| | | Downstream | LH | Triangular Plug Oval Plug | | | |
| | | | RH | Triangular Plug Oval Plug | | | |
| | | | 2015 | V8-4.8 | Upstream | LH | 21560 |
| | | | | | | RH | 21560 |
| Downstream | LH | Cutaway Vans Passenger & Cargo Vans | | | | | |
| | RH | Cutaway Vans Passenger & Cargo Vans | | | | | |
| V8-6.0 | Upstream | LH | | Cutaway Vans Passenger & Cargo Vans | | | |
| | | RH | | Cutaway Vans Passenger & Cargo Vans | | | |
| | Downstream | LH | Cutaway Vans Passenger & Cargo Vans | | | | |
| | | RH | Cutaway Vans Passenger & Cargo Vans | | | | |
| | | 2014 | V6-4.3 | Upstream | LH | 21560 | |
| | | | | | RH | 21560 | |
| Downstream | LH | | | 21059 | | | |
| | RH | | | 21059 | | | |
| V8-4.8 | Upstream | | LH | 21560 | | | |
| | | | RH | 21560 | | | |
| | Downstream | LH | Cutaway Vans Passenger & Cargo Vans | | | | |
| | | RH | Cutaway Vans Passenger & Cargo Vans | | | | |
| | | V8-5.3 | Upstream | LH | 21560 | | |
| | | | | RH | 21560 | | |
| Downstream | LH | | 21059 | | | | |
| | RH | | 21059 | | | | |
| | V8-6.0 | | Upstream | LH | Cutaway Vans Passenger & Cargo Vans | | |
| | | | | RH | Cutaway Vans | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---------------------------------------|---------------------------|------------------------------|------------------------------|--------|
| CHEVROLET (Cont'd) | | | | |
| G Series, Express Van (Cont'd) | | | | |
| 2014 | V8-6.0 | Upstream | LH Passenger & Cargo Vans | 21560 |
| | | | LH Cutaway Vans | 21076 |
| | | Downstream | RH Passenger & Cargo Vans | 21059 |
| | | | RH Cutaway Vans | 21076 |
| 2013 | V6-4.3 | Upstream | LH | 21560 |
| | | | RH | 21560 |
| | | Downstream | LH | 21059 |
| | | | RH | 21059 |
| | V8-4.8 | Upstream | LH | 21560 |
| | | | RH | 21560 |
| | | Downstream | LH Cutaway Vans; Male Plug | 21076 |
| | | | LH Cutaway Vans; Female Plug | 21067 |
| | | | RH Passenger & Cargo Vans | 21059 |
| | | | RH Cutaway Vans; Male Plug | 21076 |
| | V8-5.3 | Upstream | LH | 21560 |
| | | | RH | 21560 |
| Downstream | | LH | 21059 | |
| | | RH | 21059 | |
| V8-6.0 | | Upstream | LH Cutaway Vans | 21555 |
| | | | LH Passenger & Cargo Vans | 21560 |
| | RH Cutaway Vans | | 21555 | |
| | RH Passenger & Cargo Vans | | 21560 | |
| | Downstream | LH Cutaway Vans; Male Plug | 21076 | |
| | | LH Cutaway Vans; Female Plug | 21067 | |
| | | RH Passenger & Cargo Vans | 21059 | |
| | | RH Cutaway Vans; Male Plug | 21076 | |
| 2012-11 | V6-4.3 | Upstream | LH | 21560 |
| | | | RH | 21560 |
| | | Downstream | LH | 21059 |
| | | | RH | 21059 |
| | V8-4.8 | Upstream | LH | 21560 |
| | | | RH | 21560 |
| | | Downstream | LH Cutaway Vans | 21067 |
| | | | RH Passenger & Cargo Vans | 21059 |
| | V8-5.3 | Upstream | LH | 21560 |
| | | | RH | 21560 |
| | | Downstream | LH | 21059 |
| | | | RH | 21059 |
| V8-6.0 | Upstream | LH Cutaway Vans | 21555 | |
| | | LH Passenger & Cargo Vans | 21560 | |
| | | RH Cutaway Vans | 21555 | |
| | | RH Passenger & Cargo Vans | 21560 | |
| | Downstream | LH Cutaway Vans | 21067 | |
| | | LH Passenger & Cargo Vans | 21059 | |
| | | RH Cutaway Vans | 21067 | |
| | | RH Passenger & Cargo Vans | 21059 | |
| 2010-08 | V6-4.3 | Upstream | LH | 21560 |
| | | | RH | 21560 |
| | | Downstream | LH | 21059 |
| | | | RH | 21059 |
| | V8-4.8 | Upstream | LH | 21560 |
| | | | RH | 21560 |
| | | Downstream | LH | 21059 |
| | | | RH | 21059 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------------------|------------|---------------|---------------------------|-----------------------------------|-------|
| CHEVROLET (Cont'd) | | | | | |
| G Series, Express Van (Cont'd) | | | | | |
| 2010-08 | V8-4.8 | Downstream | RH | 21059 | |
| | | | LH | 21560 | |
| | | Upstream | RH | 21560 | |
| | | | LH | 21059 | |
| | V8-6.0 | Upstream | LH Cutaway Vans | 21555 | |
| | | | RH Passenger & Cargo Vans | 21560 | |
| | | Downstream | LH Cutaway Vans | 21555 | |
| | | | RH Passenger & Cargo Vans | 21560 | |
| | 2007 | V6-4.3 | Upstream | LH | 21560 |
| | | | | RH | 21560 |
| | | | Downstream | LH | 21576 |
| | | | | RH | 21576 |
| | | V8-4.8 | Upstream | LH | 21514 |
| | | | | RH | 21545 |
| | | | Downstream | LH | 21514 |
| | | | | RH | 21545 |
| V8-5.3 | Upstream | LH Calif. | 21560 | | |
| | | RH Federal | 21514 | | |
| | | LH Calif. | 21560 | | |
| | | RH Federal | 21545 | | |
| | Downstream | LH Calif. | 21576 | | |
| | | RH Federal | 21514 | | |
| | | LH Calif. | 21576 | | |
| | | RH Federal | 21545 | | |
| V8-6.0 | Upstream | LH | 21514 | | |
| | | RH | 21545 | | |
| | Downstream | LH | 21514 | | |
| | | RH | 21545 | | |
| 2006-04 | All Eng | Upstream | LH | 21514 | |
| | | | RH | 21545 | |
| | | Downstream | LH | 21514 | |
| | | | RH | 21545 | |
| | 2003 | All Eng | Upstream | LH | 21514 |
| | | | | RH 1st Design; O2 Marked 25333812 | 21514 |
| | | | Downstream | RH 2nd Design; O2 Marked 12581346 | 21545 |
| | | | | LH | 21514 |
| 2002-01 | V6-4.3 | Upstream | LH GVW Over 8,500 Lbs | 21543 | |
| | | | RH GVW Under 8,500 Lbs | 21006 | |
| | | Downstream | LH GVW Over 8,500 Lbs | 21543 | |
| | | | RH GVW Under 8,500 Lbs | 21006 | |
| | V8-5.0 | Upstream | LH | 21006 | |
| | | | RH | 21006 | |
| | | Downstream | LH | 21539 | |
| | | | RH | 21539 | |
| | V8-5.7 | Upstream | LH GVW Over 8,500 Lbs | 21543 | |
| | | | RH GVW Under 8,500 Lbs | 21006 | |
| | | Downstream | LH GVW Over 8,500 Lbs | 21543 | |
| | | | RH GVW Under 8,500 Lbs | 21006 | |
| V8-8.1 | Upstream | LH | 21513 | | |
| | | RH | 21513 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------------------|------------|------------------|--|------------------------------|------------------|
| CHEVROLET (Cont'd) | | | | | |
| G Series, Express Van (Cont'd) | | | | | |
| 2002-01 | V8-8.1 | Downstream | LH | 21513 | |
| | | | RH | 21513 | |
| 2000-98 | V6-4.3 | Upstream | LH | GVW Over 8,500 Lbs 21543 | |
| | | | | GVW Under 8,500 Lbs 21006 | |
| | | | RH | GVW Over 8,500 Lbs 21543 | |
| | | | GVW Under 8,500 Lbs 21006 | | |
| | | Downstream | | 21539 | |
| | | V8-5.0 | Upstream | LH | 21006 |
| | RH | | | 21006 | |
| | Downstream | | | 21539 | |
| | V8-5.7 | Upstream | LH | GVW Over 8,500 Lbs 21543 | |
| | | | | GVW Under 8,500 Lbs 21006 | |
| | | | RH | GVW Over 8,500 Lbs 21543 | |
| | | | GVW Under 8,500 Lbs 21006 | | |
| | | Downstream | LH | 21539 | |
| | | | RH | 21539 | |
| V8-7.4 | Upstream | LH | 21543 | | |
| | | RH | 21543 | | |
| | Downstream | LH | 21539 | | |
| | RH | 21539 | | | |
| 1997 | V6-4.3 | Upstream | Loc. in LH Mnfid; GVW Over 8,500 Lbs | 21543 | |
| | | | Loc. in LH Mnfid; GVW Under 8,500 Lbs | 21006 | |
| | | | Loc. in RH Mnfid; GVW Over 8,500 Lbs | 21543 | |
| | | | Loc. in RH Mnfid; GVW Under 8,500 Lbs | 21006 | |
| | | | Loc. in Y Before Cat; GVW Under 8,500 Lbs | 21539 | |
| | | | Downstream | Loc. After Cat. | 21539 |
| | | V8-5.0 | Upstream | Loc. in LH Mnfid | 21006 |
| | | | | Loc. in RH Mnfid | 21006 |
| | | | Downstream | Loc. in Y Pipe Before Cat. | 21539 |
| | | | Loc. After Cat. | 21539 | |
| | V8-5.7 | Upstream | LH | GVW Over 8,500 Lbs 21543 | |
| | | | | GVW Under 8,500 Lbs 21006 | |
| | | | RH | GVW Over 8,500 Lbs 21543 | |
| | | | GVW Under 8,500 Lbs 21006 | | |
| | | Downstream | LH | 21539 | |
| | | | RH | 21539 | |
| | V8-7.4 | Upstream | LH | 21543 | |
| | | | RH | 21543 | |
| Downstream | | LH | 21539 | | |
| | RH | 21539 | | | |
| 1996 | V6-4.3 | Upstream | VIN Z; 1 Upstream Sensor Only | 21004 | |
| | | | VIN W; Loc. in LH Mnfid; GVW Over 8,500 Lbs | 21543 | |
| | | | VIN W; Loc. in LH Mnfid; GVW Under 8,500 Lbs | 21006 | |
| | | | VIN W; Loc. in RH Mnfid; GVW Over 8,500 Lbs | 21543 | |
| | | | VIN W; Loc. in RH Mnfid; GVW Under 8,500 Lbs | 21006 | |
| | | | VIN W; Loc. in Y Before Cat; GVW Under 8,500 Lbs | 21539 | |
| | | | Downstream | VIN W; Loc. After Cat. | 21539 |
| | | | V8-5.0 | Upstream | Loc. in LH Mnfid |
| | | Loc. in RH Mnfid | | | 21006 |
| | | Downstream | | Loc. in Y Pipe Before Cat. | 21539 |
| | | Loc. After Cat. | 21539 | | |
| | V8-5.7 | Upstream | LH | GVW Over 8,500 Lbs 21543 | |
| | | | | GVW Under 8,500 Lbs 21006 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---------------------------------------|------------|---------------|------------------------------|------------------------------|------------------------------|----------------|
| CHEVROLET (Cont'd) | | | | | | |
| G Series, Express Van (Cont'd) | | | | | | |
| 1996 | V8-5.7 | Upstream | RH | GVW Over 8,500 Lbs 21543 | | |
| | | | | GVW Under 8,500 Lbs 21006 | | |
| | | Downstream | LH | 21539 | | |
| | | | RH | 21539 | | |
| | | V8-7.4 | Upstream | LH | 21543 | |
| | | | | RH | 21543 | |
| | Downstream | LH | 21539 | | | |
| | | RH | 21539 | | | |
| | 1995 | All Engs | Upstream | 1-Wire 3-Wire | 21002 21004 | |
| | 1994-92 | All Engs | Upstream | 1-Wire 3-Wire | 21002 21003 | |
| 1991-80 | All Engs | Upstream | | 21002 | | |
| HHR | | | | | | |
| 2011 | L4-2.2 | Upstream | | 21546 | | |
| | | Downstream | | 21043 | | |
| | L4-2.4 | Upstream | | 21546 | | |
| | | Downstream | | 21043 | | |
| | 2010-09 | L4-2.0 | Upstream | | 24325 | |
| | | | Downstream | | 21564 | |
| L4-2.2 | | Upstream | | 21546 | | |
| | | Downstream | | 21043 | | |
| 2008 | L4-2.4 | Upstream | | 21546 | | |
| | | Downstream | | 21043 | | |
| | L4-2.0 | Upstream | | 24325 | | |
| | | Downstream | | 21564 | | |
| | L4-2.2 | Upstream | | 21546 | | |
| | | Downstream | | 21043 | | |
| L4-2.4 | Upstream | | 21558 | | | |
| | Downstream | | 21043 | | | |
| 2007-06 | L4-2.2 | Upstream | | 21546 | | |
| | | Downstream | | 21043 | | |
| L4-2.4 | Upstream | | 21555 | | | |
| | Downstream | | 21043 | | | |
| Impala | | | | | | |
| 2018-17 | L4-2.5 | Upstream | | 21579 | | |
| | | Downstream | | 21071 | | |
| | V6-3.6 | Upstream | LH | 21571 | | |
| | | | RH | 21571 | | |
| | | Downstream | LH | 21571 | | |
| | | | RH | 21571 | | |
| 2016-15 | L4-2.5 | Upstream | | 21579 | | |
| | | Downstream | | 21071 | | |
| | V6-3.6 | Upstream | LH | Carryover Model New Model | 21556 21571 | |
| | | | RH | Carryover Model New Model | 21556 21571 | |
| | | | Downstream | LH | Carryover Model New Model | 21556 21571 |
| | | | | RH | Carryover Model New Model | 21556 21571 |
| | | L4-2.4 | Upstream | | 21555 | |
| | | | Downstream | | 21069 | |
| | | L4-2.5 | Upstream | | 21579 | |
| | | | Downstream | | 21071 | |
| V6-3.6 | Upstream | LH | Carryover Model New Model | 21556 21571 | | |
| | | RH | Carryover Model New Model | 21556 21571 | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-----------------------------|------------|---------------|---------------|-----------------|-------|
| CHEVROLET (Cont'd) | | | | | |
| Impala (Cont'd) | | | | | |
| 2014 | V6-3.6 | Downstream | LH | Carryover Model | 21556 |
| | | | | New Model | 21571 |
| | | | RH | Carryover Model | 21556 |
| | | | | New Model | 21571 |
| 2013-12 | V6-3.6 | Upstream | LH | | 21556 |
| | | | | | 21556 |
| | | Downstream | LH | | 21556 |
| | | | | | 21556 |
| 2011-10 | V6-3.5 | Upstream | | 21546 | |
| | | Downstream | | 21568 | |
| | V6-3.9 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | | 21568 | |
| | 2009-08 | V6-3.5 | Upstream | | 21546 |
| Downstream | | | | 21568 | |
| V6-3.9 | | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | | 21568 | |
| V8-5.3 | | Upstream | | 21559 | |
| | Downstream | | 21023 | | |
| 2007-06 | V6-3.5 | Upstream | | 21546 | |
| | | Downstream | | 21048 | |
| | V6-3.9 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | | 21048 | |
| | V8-5.3 | Upstream | | 21559 | |
| Downstream | | | 21048 | | |
| 2005 | V6-3.4 | Upstream | | 21516 | |
| | | Downstream | | 21048 | |
| | V6-3.8 | Upstream | | 21517 | |
| | | Downstream | | 21048 | |
| 2004 | V6-3.4 | Upstream | | 21516 | |
| | | Downstream | | 21528 | |
| | V6-3.8 | Upstream | | 21517 | |
| | | Downstream | | 21048 | |
| 2003-01 | V6-3.4 | Upstream | | 21516 | |
| | | Downstream | | 21528 | |
| | V6-3.8 | Upstream | | 21539 | |
| | | Downstream | | 21528 | |
| 2000 | V6-3.4 | Upstream | | 21539 | |
| | | Downstream | | 21528 | |
| | V6-3.8 | Upstream | | 21539 | |
| | | Downstream | | 21528 | |
| 1996 | V8-5.7 | Upstream | LH | 21006 | |
| | | | RH | 21006 | |
| | Downstream | LH | 21006 | | |
| | | | RH | 21006 | |
| 1995-94 | V8-5.7 | Upstream | LH | 21006 | |
| | | | RH | 21006 | |
| 1985 | V6-3.8 | Upstream | | 21002 | |
| | V6-4.3 | Upstream | | 21541 | |
| | V8-5.0 | Upstream | | 21002 | |
| | V8-5.7 | Upstream | Gas | 21002 | |
| 1984-82 | All Engs | Upstream | | 21002 | |
| 1981-80 | All Engs | Upstream | 1-Wire | 21002 | |
| | | | 2-Wire | 21553 | |
| LLV (Postal Vehicle) | | | | | |
| 1995-87 | All Engs | Upstream | | 21002 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|------------|---------------|---------------|--------|
| CHEVROLET (Cont'd) | | | | |
| Lumina | | | | |
| 2001-00 | V6-3.1 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| 1999-98 | V6-3.1 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| | V6-3.8 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| 1997 | V6-3.1 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| | V6-3.4 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| 1996 | V6-3.1 | Upstream | | 21006 |
| | | Downstream | | 21528 |
| | V6-3.4 | Upstream | | 21006 |
| | | Downstream | | 21528 |
| 1995 | V6-3.1 | Upstream | | 21006 |
| | | Downstream | | 21006 |
| | V6-3.4 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| 1994 | V6-3.1 | Upstream | | 21002 |
| | V6-3.4 | Upstream | | 21006 |
| 1993 | L4-2.2 | Upstream | | 21002 |
| | V6-3.1 | Upstream | Calif. | 21003 |
| | | | Federal | 21002 |
| V6-3.4 | Upstream | | 21002 | |
| 1992-90 | All Engs | Upstream | | 21002 |
| Lumina APV | | | | |
| 1996 | V6-3.4 | Upstream | | 21006 |
| | | Downstream | | 21528 |
| 1995-94 | V6-3.1 | Upstream | | 21002 |
| | | V6-3.8 | Upstream | 21006 |
| 1993 | V6-3.1 | Upstream | | 21002 |
| | V6-3.8 | Upstream | | 21004 |
| 1992-90 | All Engs | Upstream | | 21002 |
| Luv Pickup | | | | |
| 1982 | L4-1.8 | Upstream | | 21002 |
| 1981-80 | L4-1.8 | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| Malibu, Malibu Classic, Malibu Maxx | | | | |
| 2018-17 | L4-1.5 | Upstream | | 21580 |
| | | Downstream | | 21580 |
| | L4-1.8 | Downstream | | 21080 |
| | | L4-2.0 | Upstream | 27066 |
| 2016 | L4-1.5 | Upstream | | 21580 |
| | | Downstream | | 21580 |
| | L4-1.8 | Downstream | | 21080 |
| | | L4-2.0 | Upstream | 27066 |
| | | | Downstream | 21071 |
| | 2015 | L4-1.5 | Upstream | |
| Downstream | | | | 21580 |
| L4-1.8 | | Downstream | | 21080 |
| | | L4-2.0 | Upstream | 27066 |
| | Downstream | | 21071 | |
| 2014-13 | L4-2.0 | Upstream | | 21579 |
| | | Downstream | | 21071 |
| | L4-2.4 | Upstream | | 21555 |
| | | Downstream | | 21069 |
| L4-2.5 | Upstream | | 21579 | |
| | Downstream | | 21071 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|---------------|-----------------------|-------|
| CHEVROLET (Cont'd) | | | | | |
| Malibu, Malibu Classic, Malibu Maxx (Cont'd) | | | | | |
| 2012-11 | L4-2.4 | Upstream | | 21555 | |
| | | Downstream | | 21064 | |
| | V6-3.6 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21568 | |
| | | | RH | 21566 | |
| 2010-09 | L4-2.4 | Upstream | | Gas; 4-Speed A/T | |
| | | | | Gas; 6-Speed A/T | |
| | | | | Hybrid | |
| | Downstream | | 21064 | | |
| | V6-3.5 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21568 | |
| | | | RH | 21568 | |
| | V6-3.6 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| Downstream | | LH | 21568 | | |
| | | RH | 21566 | | |
| 2008 | L4-2.2 | Upstream | | 21546 | |
| | | Downstream | | 21044 | |
| | L4-2.4 | Upstream | | 21558 | |
| | | Downstream | | 21064 | |
| | V6-3.5 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21568 | |
| | | | RH | 21568 | |
| | V6-3.6 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21568 | |
| | | | RH | 21566 | |
| | 2007 | L4-2.2 | Upstream | | 21546 |
| | | | Downstream | | 21044 |
| V6-3.5 | | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21514 | |
| | | | RH | 21514 | |
| V6-3.9 | | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21514 | |
| | | | RH | 21048 | |
| 2006 | L4-2.2 | Upstream | | 21055 | |
| | | Downstream | | 21044 | |
| | V6-3.5 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21514 | |
| | | | RH | 21514 | |
| | V6-3.9 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21514 | |
| | | | RH | 21048 | |
| 2005-04 | L4-2.2 | Upstream | | N-Body; Classic Style | |
| | | | | Z-Body; New Style | |
| | | Downstream | | N-Body; Classic Style | |
| | | | | Z-Body; New Style | |
| | V6-3.5 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21514 | |
| | | | RH | 21514 | |
| 2003-01 | V6-3.1 | Upstream | | 21516 | |
| | | Downstream | | 21537 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|------------|---------------|---------------|---------------------|
| CHEVROLET (Cont'd) | | | | |
| Malibu, Malibu Classic, Malibu Maxx (Cont'd) | | | | |
| 2000 | V6-3.1 | Upstream | | 21539 |
| | | Downstream | | 21537 |
| 1999 | L4-2.4 | Upstream | | w/o RC9 Option Code |
| | | Downstream | | w/RC9 Option Code |
| | V6-3.1 | Upstream | | 21537 |
| | | Downstream | | 21539 |
| 1998-97 | L4-2.4 | Upstream | | 21002 |
| | | Downstream | | 21537 |
| | V6-3.1 | Upstream | | 21539 |
| | | Downstream | | 21537 |
| 1983-82 | All Engs | Upstream | | 21002 |
| 1981-80 | All Engs | Upstream | | 1-Wire |
| | | | | 2-Wire |
| 1979 | V6-3.8 | Upstream | | 21553 |
| Metro | | | | |
| 2001-98 | All Engs | Upstream | | 21527 |
| | | Downstream | | 21524 |
| 1992 | L4-1.3 | Upstream | | 21002 |
| Monte Carlo | | | | |
| 2007-06 | V6-3.5 | Upstream | | 21546 |
| | | Downstream | | 21048 |
| | V6-3.9 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | Downstream | | 21048 | |
| | V8-5.3 | Upstream | | 21559 |
| Downstream | | 21048 | | |
| 2005 | V6-3.4 | Upstream | | 21516 |
| | | Downstream | | 21048 |
| | V6-3.8 | Upstream | | 21517 |
| 2004 | V6-3.4 | Upstream | | 21516 |
| | | Downstream | | 21528 |
| | V6-3.8 | Upstream | | 21517 |
| Downstream | | 21048 | | |
| 2003-01 | V6-3.4 | Upstream | | 21516 |
| | | Downstream | | 21528 |
| | V6-3.8 | Upstream | | 21539 |
| Downstream | | 21528 | | |
| 2000-97 | All Engs | Upstream | | 21539 |
| | | Downstream | | 21528 |
| 1996 | V6-3.1 | Upstream | | 21006 |
| | | Downstream | | 21528 |
| | V6-3.4 | Upstream | | 21006 |
| Downstream | | 21528 | | |
| 1995 | V6-3.1 | Upstream | | 21006 |
| | | V6-3.4 | Upstream | LH |
| | RH | | | |
| Downstream | | 21006 | | |
| 1988-86 | All Engs | Upstream | | 21002 |
| 1985 | V6-3.8 | Upstream | | 21002 |
| | | V6-4.3 | | 21541 |
| | V8-5.0 | | Upstream | |
| 1984-82 | All Engs | Upstream | | 21002 |
| 1981-80 | All Engs | Upstream | | 1-Wire |
| | | | | 2-Wire |
| 1979 | V6-3.8 | Upstream | | 21553 |
| Monza | | | | |
| 1980 | All Engs | Upstream | | 1-Wire |
| | | | | 2-Wire |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|----------|---------------|------------------|----------------|
| CHEVROLET (Cont'd) | | | | |
| Monza (Cont'd) | | | | |
| 1979 | V6-3.8 | Upstream | | 21553 |
| Nova, Chevy II | | | | |
| 1988 | L4-1.6 | Upstream | CARB FI | 24105 24551 |
| 1987-85 | L4-1.6 | Upstream | | 24105 |
| Optra, Optra 5, Optra Wagon | | | | |
| 2007-06 | L4-2.0 | Upstream | | 25189 |
| | | Downstream | | 25192 |
| 2005-04 | L4-2.0 | Upstream | | 25184 |
| | | Downstream | | 25185 |
| Orlando | | | | |
| 2014-12 | L4-2.4 | Upstream | | 21555 |
| | | Downstream | | 21070 |
| Prizm | | | | |
| 2002-98 | L4-1.8 | Upstream | | 24554 |
| | | Downstream | | 24548 |
| P Series Truck, Van | | | | |
| 1999-96 | V6-4.3 | Upstream | LH RH | 21543 21543 |
| | | Downstream | | 21539 |
| | V8-5.7 | Upstream | LH RH | 21543 21543 |
| | | Downstream | LH RH | 21539 21539 |
| | V8-7.4 | Upstream | LH RH | 21543 21543 |
| | | Downstream | LH RH | 21539 21539 |
| 1995 | V6-4.3 | Upstream | | 21006 |
| | V8-5.7 | Upstream | | 21002 |
| | V8-7.4 | Upstream | | 21002 |
| 1994-92 | All Engs | Upstream | 1-Wire 3-Wire | 21002 21003 |
| 1991-83 | All Engs | Upstream | | 21002 |
| S, T Series (Blazer & Pickup) | | | | |
| 2004 | V6-4.3 | Upstream | LH RH | 21516 21516 |
| | | Downstream | | 21516 |
| 2003-02 | L4-2.2 | Upstream | | 21040 |
| | | Downstream | | 21528 |
| | V6-4.3 | Upstream | LH RH | 21516 21516 |
| | | Downstream | | 21516 |
| 2001 | L4-2.2 | Upstream | | 21040 |
| | | Downstream | | 21528 |
| | V6-4.3 | Upstream | LH RH | 21006 21006 |
| | | Downstream | | 21006 |
| 2000 | L4-2.2 | Upstream | FLEX Gas | 21040 21039 |
| | | Downstream | | 21528 |
| | V6-4.3 | Upstream | LH RH | 21006 21006 |
| | | Downstream | | 21006 |
| 1999 | L4-2.2 | Upstream | | 21039 |
| | | Downstream | | 21528 |
| | V6-4.3 | Upstream | LH RH | 21006 21006 |
| | | Downstream | | 21006 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|----------|---------------|--|----------------------------------|
| CHEVROLET (Cont'd) | | | | |
| S, T Series (Blazer & Pickup) (Cont'd) | | | | |
| 1998 | L4-2.2 | Upstream | | 21002 |
| | | Downstream | | 21528 |
| | V6-4.3 | Upstream | LH RH | 21006 21006 |
| | | Downstream | | 21006 |
| 1997 | L4-2.2 | Upstream | | 21002 |
| | | Downstream | | 21528 |
| | V6-4.3 | Upstream | Loc. in LH Mnfd Loc. in RH Mnfd Loc. in Y Pipe Before Cat. | 21006 21006 21006 |
| | | Downstream | Loc. After Cat. | 21006 |
| 1996 | L4-2.2 | Upstream | | 21002 |
| | | Downstream | | 21006 |
| | V6-4.3 | Upstream | Loc. in LH Mnfd Loc. in RH Mnfd Loc. in Y Pipe Before Cat. | 21006 21006 21006 |
| | | Downstream | Loc. After Cat. | 21006 |
| 1995-94 | L4-2.2 | Upstream | | 21002 |
| | V6-4.3 | Upstream | 3-Wire 4-Wire | 21003 21006 |
| 1993-92 | L4-2.5 | Upstream | | 21002 |
| | V6-2.8 | Upstream | | 21002 |
| | V6-4.3 | Upstream | | 21003 |
| 1991-82 | All Engs | Upstream | | 21002 |
| Silverado | | | | |
| 2018-16 | V6-4.3 | Upstream | LH RH | 21581 21581 |
| | | Downstream | LH RH | 21075 21075 |
| | V8-5.3 | Upstream | LH RH | 21581 21581 |
| | | Downstream | LH RH | 21075 21075 |
| | V8-6.0 | Upstream | LH RH | 21579 21579 |
| | | Downstream | LH RH | 21075 21075 |
| | V8-6.2 | Upstream | LH RH | 21581 21581 |
| | | Downstream | LH RH | 21075 21075 |
| 2015-14 | V6-4.3 | Upstream | LH RH | 21581 21581 |
| | | Downstream | LH RH | 21075 21075 |
| | V8-5.3 | Upstream | LH RH | 21581 21581 |
| | | Downstream | LH RH | 21075 21075 |
| | V8-6.0 | Upstream | LH 2500, 3500 Series; Pickup 2500, 3500 Series; Chassis Cab RH 2500, 3500 Series; Pickup 2500, 3500 Series; Chassis Cab | 21555 21549 21555 21549 |
| | | Downstream | LH RH | 21066 21066 |
| | V8-6.2 | Upstream | LH RH | 21581 21581 |
| | | Downstream | LH RH | 21075 21075 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------|--------|---------------|---------------|--------------------------------------|-------|
| CHEVROLET (Cont'd) | | | | | |
| Silverado (Cont'd) | | | | | |
| 2013-11 | V6-4.3 | Upstream | LH | 21559 | |
| | | | RH | 21559 | |
| | | Downstream | LH | 21065 | |
| | | | RH | 21065 | |
| | V8-4.8 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |
| | V8-5.3 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |
| | V8-6.0 | Upstream | LH | 1500 Series | 21546 |
| | | | | 2500, 3500 Series; Pickup | 21555 |
| | | | | 2500, 3500 Series; Chassis Cab | 21549 |
| | | | RH | 1500 Series | 21546 |
| | | | | 2500, 3500 Series; Pickup | 21555 |
| | | | | 2500, 3500 Series; Chassis Cab | 21549 |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |
| | | V8-6.2 | Upstream | LH | 21546 |
| | | | | RH | 21546 |
| | | | Downstream | LH | 21066 |
| | | | | RH | 21066 |
| 2010 | V6-4.3 | Upstream | LH | 21559 | |
| | | | RH | 21559 | |
| | | Downstream | LH | 21065 | |
| | | | RH | 21065 | |
| | V8-4.8 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |
| | V8-5.3 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |
| | V8-6.0 | Upstream | LH | 1500 Series | 21546 |
| | | | | 2500, 3500 Series; Pickup | 21546 |
| | | | | 2500, 3500 Series; Chassis Cab | 21549 |
| | | | RH | 1500 Series | 21546 |
| | | | | 2500, 3500 Series; Pickup | 21546 |
| | | | | 2500, 3500 Series; Chassis Cab | 21549 |
| | | Downstream | LH | 1500 Series | 21066 |
| | | | | 2500, 3500 Series; Pickup | 21066 |
| | | | | 2500, 3500 Series; Chassis Cab; Flex | 21066 |
| | | | | 2500, 3500 Series; Chassis Cab; Gas | 21061 |
| | | | RH | | 21066 |
| | | V8-6.2 | Upstream | LH | 21546 |
| RH | 21546 | | | | |
| Downstream | LH | | 21066 | | |
| | RH | | 21066 | | |
| 2009 | V6-4.3 | Upstream | LH | 21559 | |
| | | | RH | 21559 | |
| | | Downstream | LH | 21065 | |
| | | | RH | 21065 | |
| | V8-4.8 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------|------------|----------------------------------|----------------------------------|----------------------------------|-------|
| CHEVROLET (Cont'd) | | | | | |
| Silverado (Cont'd) | | | | | |
| 2009 | V8-4.8 | Downstream | RH | 21066 | |
| | | | | | |
| | V8-5.3 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |
| | V8-6.0 | Upstream | LH | 1500 Series | 21546 |
| | | | | 2500, 3500 Series; Pickup | 21546 |
| | | | | 2500, 3500 Series; Chassis Cab | 21549 |
| | | | RH | 1500 Series | 21546 |
| | | | | 2500, 3500 Series; Pickup | 21546 |
| | | | | 2500, 3500 Series; Chassis Cab | 21549 |
| | | Downstream | LH | 1500 Series | 21066 |
| | | | | 2500, 3500 Series; Pickup | 21066 |
| | | | | 2500, 3500 Series; Chassis Cab | 21061 |
| | | | RH | | 21066 |
| | | V8-6.2 | Upstream | LH | 21546 |
| | | | | RH | 21546 |
| | Downstream | | LH | 21066 | |
| | | | RH | 21066 | |
| | 2008 | V6-4.3 | Upstream | LH | 21559 |
| | | | | RH | 21559 |
| | | | Downstream | LH | 21065 |
| | | | | RH | 21065 |
| V8-4.8 | | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |
| V8-5.3 | Upstream | LH | 21546 | | |
| | | RH | 21546 | | |
| | Downstream | LH | 21066 | | |
| | | RH | 21066 | | |
| V8-6.0 | Upstream | LH | 1500 Series | 21546 | |
| | | | 2500, 3500 Series; Pickup | 21546 | |
| | | | 2500, 3500 Series; Chassis Cab | 21549 | |
| | | RH | 1500 Series | 21546 | |
| | | | 2500, 3500 Series; Pickup | 21546 | |
| | | | 2500, 3500 Series; Chassis Cab | 21549 | |
| | Downstream | LH | 1500 Series | 21066 | |
| | | | 2500, 3500 Series; Pickup | 21066 | |
| | | | 2500, 3500 Series; Chassis Cab | 21061 | |
| | | RH | | 21066 | |
| | 2007 | V6-4.3 | Upstream | LH | 21559 |
| | | | | RH | 21559 |
| Downstream | | | LH | 21049 | |
| | | | RH | 21049 | |
| V8-4.8 | | Upstream | LH | Classic Models (GMT800 Platform) | 21559 |
| | | | | New Models (GMT900 Platform) | 21546 |
| | | RH | Classic Models (GMT800 Platform) | 21559 | |
| | | | | New Models (GMT900 Platform) | 21546 |
| Downstream | LH | Classic Models (GMT800 Platform) | 21049 | | |
| | | | New Models (GMT900 Platform) | 21514 | |
| | RH | Classic Models (GMT800 Platform) | 21049 | | |
| | | | New Models (GMT900 Platform) | 21514 | |
| V8-5.3 | Upstream | LH | Classic Models (GMT800 Platform) | 21559 | |
| | | | New Models (GMT900 Platform) | 21546 | |
| | RH | Classic Models (GMT800 Platform) | 21559 | | |
| | | | Classic Models (GMT800 Platform) | 21559 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|---------------------------|------------|---------------|----------------------------|---|--|-------|-------|
| CHEVROLET (Cont'd) | | | | | | | |
| Silverado (Cont'd) | | | | | | | |
| 2007 | V8-5.3 | Upstream | LH | New Models (GMT900 Platform) | 21546 | | |
| | | | LH | Classic Models (GMT800 Platform) | 21560 | | |
| | | Downstream | LH | New Models (GMT900 Platform) | 21514 | | |
| | | | RH | Classic Models (GMT800 Platform) | 21560 | | |
| | | V8-6.0 | Upstream | LH | Classic Models (GMT800 Platform); Pickup | 21549 | |
| | | | | LH | New Models (GMT900 Platform); Pickup | 21546 | |
| | LH | | | New Models (GMT900 Platform); Chassis Cab | 21549 | | |
| | Downstream | | RH | Classic Models (GMT800 Platform); Pickup | 21549 | | |
| | | | RH | New Models (GMT900 Platform); Pickup | 21546 | | |
| | | | RH | New Models (GMT900 Platform); Chassis Cab | 21549 | | |
| | V8-8.1 | Upstream | LH | Classic Models (GMT800 Platform); 1500 Series HD | 21548 | | |
| | | | LH | Classic Models (GMT800 Platform); 1500 Series Exc. HD | 21514 | | |
| | | | LH | Classic Models (GMT800 Platform); 2500, 3500 Series | 21548 | | |
| | | | LH | New Models (GMT900 Platform); 1500 Series | 21514 | | |
| | | | LH | New Models (GMT900 Platform); Pickup | 21514 | | |
| | | | LH | New Models (GMT900 Platform); Chassis Cab | 21548 | | |
| | | Downstream | RH | | 21514 | | |
| | | | RH | | 21549 | | |
| | | | Upstream | LH | Male Plug | 21555 | |
| | | | | LH | Female Plug | 21549 | |
| | | | 2006 | V6-4.3 | Upstream | LH | 21514 |
| | | | | | | RH | 21514 |
| | Downstream | LH | | | 21514 | | |
| | | RH | | | 21514 | | |
| | V8-4.8 | Upstream | | LH | 21559 | | |
| | | | | RH | 21559 | | |
| | | Downstream | | LH | 21049 | | |
| | | | | RH | 21049 | | |
| | V8-5.3 | Upstream | | LH | 21559 | | |
| | | | | RH | 21559 | | |
| | | Downstream | | LH | 21560 | | |
| | | | | RH | 21560 | | |
| | V8-6.0 | Upstream | LH | 21549 | | | |
| RH | | | 21549 | | | | |
| Downstream | | LH | 1500 Series HD Models | 21548 | | | |
| | | LH | 1500 Series Exc. HD Models | 21514 | | | |
| | | LH | 2500, 3500 Series | 21548 | | | |
| | | RH | | 21514 | | | |
| V8-8.1 | Upstream | LH | 21549 | | | | |
| | | RH | 21549 | | | | |
| | Downstream | LH | 21555 | | | | |
| | | RH | 21549 | | | | |
| 2005 | V6-4.3 | Upstream | LH | 21514 | | | |
| | | | RH | 21514 | | | |
| | | Downstream | LH | 21514 | | | |
| | V8-4.8 | Upstream | LH | 21514 | | | |
| | | | RH | 21514 | | | |
| | | Downstream | LH | 21514 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|---------------------------|------------|---------------|----------------------------|----------------------------|----------|-------|-------|
| CHEVROLET (Cont'd) | | | | | | | |
| Silverado (Cont'd) | | | | | | | |
| 2005 | V8-4.8 | Upstream | RH | 21514 | | | |
| | | | Downstream | LH | 21514 | | |
| | | Downstream | RH | 21514 | | | |
| | | | Upstream | LH | 21546 | | |
| | | V8-5.3 | Upstream | RH | 21546 | | |
| | | | | Downstream | LH | 21546 | |
| | Downstream | | RH | 21546 | | | |
| | | | Upstream | LH | 21549 | | |
| | V8-6.0 | Upstream | LH | 21549 | | | |
| | | | RH | 21549 | | | |
| | | | LH | 1500 Series HD Models | 21548 | | |
| | | Downstream | LH | 1500 Series Exc. HD Models | 21514 | | |
| | | | LH | 2500, 3500 Series | 21548 | | |
| | | | RH | | 21514 | | |
| | V8-8.1 | Upstream | LH | 21549 | | | |
| | | | RH | 21549 | | | |
| | | Downstream | LH | 21555 | | | |
| | | | RH | 21549 | | | |
| | | | 2004 | V6-4.3 | Upstream | LH | 21514 |
| | | | | | | RH | 21514 |
| | Downstream | LH | | | 21514 | | |
| | | RH | | | 21514 | | |
| | V8-4.8 | Upstream | | LH | 21514 | | |
| | | | | RH | 21514 | | |
| | | Downstream | | LH | 21514 | | |
| | | | | RH | 21514 | | |
| | V8-5.3 | Upstream | | LH | 21546 | | |
| | | | | RH | 21546 | | |
| | | Downstream | | LH | 21546 | | |
| | | | | RH | 21546 | | |
| | V8-6.0 | Upstream | LH | 21549 | | | |
| | | | RH | 21549 | | | |
| | | Downstream | LH | 1500 Series Exc. HD Models | 21514 | | |
| LH | | | 2500, 3500 Series | 21548 | | | |
| RH | | | | 21514 | | | |
| V8-8.1 | | | Upstream | LH | 21549 | | |
| | RH | 21549 | | | | | |
| | Downstream | LH | 21555 | | | | |
| | | RH | 21549 | | | | |
| | | 2003 | V6-4.3 | Upstream | LH | 21514 | |
| | | | | | RH | 21514 | |
| Downstream | LH | | | 21514 | | | |
| | RH | | | 21514 | | | |
| V8-4.8 | Upstream | | LH | 21514 | | | |
| | | | RH | 21514 | | | |
| | Downstream | | LH | 21514 | | | |
| | | | RH | 21514 | | | |
| V8-5.3 | Upstream | | LH | 21546 | | | |
| | | | RH | 21546 | | | |
| | Downstream | | LH | 21546 | | | |
| | | | RH | 21546 | | | |
| V8-6.0 | Upstream | LH | 21549 | | | | |
| | | RH | 21549 | | | | |
| | Downstream | LH | 1500 Series HD Models | 21548 | | | |
| | | LH | 1500 Series Exc. HD Models | 21514 | | | |
| | | LH | 2500, 3500 Series | 21548 | | | |
| | | RH | | 21514 | | | |
| V8-8.1 | Upstream | LH | 21549 | | | | |
| | | RH | 21549 | | | | |
| | Downstream | LH | 21555 | | | | |
| | | RH | 21549 | | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|-------|-------|
| CHEVROLET (Cont'd) | | | | | | |
| Silverado (Cont'd) | | | | | | |
| 2002 | V6-4.3 | Upstream | LH VIN X | 21516 | | |
| | | | VIN W | 24626 | | |
| | | | RH VIN X | 21516 | | |
| | | | VIN W | 24626 | | |
| | | Downstream | LH VIN X | 21516 | | |
| | | | VIN W | 21539 | | |
| | | | RH VIN X | 21516 | | |
| | | | VIN W | 21539 | | |
| | | V8-4.8 | Upstream | LH Canada Built (Oshawa Plant) | 21516 | |
| | | | | Exc. Canada Built | 24626 | |
| | | | | RH Canada Built (Oshawa Plant) | 21516 | |
| | | | Downstream | LH Canada Built (Oshawa Plant) | 21516 | |
| | Exc. Canada Built | | | 21539 | | |
| | RH Canada Built (Oshawa Plant) | | | 21516 | | |
| | V8-5.3 | Upstream | LH Canada Built (Oshawa Plant) | 21516 | | |
| | | | Exc. Canada Built | 24626 | | |
| | | | RH Canada Built (Oshawa Plant) | 21516 | | |
| | | Downstream | LH Canada Built (Oshawa Plant) | 21516 | | |
| | | | Exc. Canada Built | 21539 | | |
| | | | RH Canada Built (Oshawa Plant) | 21516 | | |
| | V8-6.0 | Upstream | LH | 21513 | | |
| | | | RH | 21513 | | |
| | | | Downstream LH | 21548 | | |
| | | Downstream | RH | 21514 | | |
| | | | V8-8.1 | Upstream LH | 21513 | |
| | | | | RH | 21513 | |
| | Downstream | LH | 21518 | | | |
| | | RH | 21513 | | | |
| | 2001 | V6-4.3 | Upstream | LH | 24626 | |
| | | | | RH | 24626 | |
| | | | | Downstream | LH | 21539 |
| | | | | | RH | 21539 |
| V8-4.8 | | | Upstream | LH Canada Built (Oshawa Plant) | 21516 | |
| | | | | Exc. Canada Built | 24626 | |
| | | | | RH Canada Built (Oshawa Plant) | 21516 | |
| | | | Downstream | LH Canada Built (Oshawa Plant) | 21516 | |
| | | Exc. Canada Built | | 21539 | | |
| | | RH Canada Built (Oshawa Plant) | | 21516 | | |
| V8-5.3 | | Upstream | LH Canada Built (Oshawa Plant) | 21516 | | |
| | | | Exc. Canada Built | 24626 | | |
| | | | RH Canada Built (Oshawa Plant) | 21516 | | |
| | | Downstream | LH Canada Built (Oshawa Plant) | 21516 | | |
| | | | Exc. Canada Built | 21539 | | |
| | | | RH Canada Built (Oshawa Plant) | 21516 | | |
| V8-6.0 | | Upstream | LH | 21513 | | |
| | | | RH | 21513 | | |
| | | | Downstream LH | 21510 | | |
| | | Downstream | RH | 21510 | | |
| | | | V8-8.1 | Upstream LH | 21513 | |
| | | | | RH | 21513 | |
| Downstream | | LH | 21518 | | | |
| | | RH | 21513 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---------------------------|--------------------------------|---------------|--------------------------------|--------------------------------|-------------|-------|
| CHEVROLET (Cont'd) | | | | | | |
| Silverado (Cont'd) | | | | | | |
| 2000 | V6-4.3 | Upstream | LH | 24626 | | |
| | | | RH | 24626 | | |
| | | | Downstream | LH | 21539 | |
| | | | | RH | 21539 | |
| | | V8-4.8 | Upstream | LH Canada Built (Oshawa Plant) | 21516 | |
| | | | | Exc. Canada Built | 24626 | |
| | | | | RH Canada Built (Oshawa Plant) | 21516 | |
| | | | Downstream | LH Canada Built (Oshawa Plant) | 21516 | |
| | | | | Exc. Canada Built | 21539 | |
| | | | | RH Canada Built (Oshawa Plant) | 21516 | |
| | | V8-5.3 | Upstream | LH Canada Built (Oshawa Plant) | 21516 | |
| | | | | Exc. Canada Built | 24626 | |
| | RH Canada Built (Oshawa Plant) | | | 21516 | | |
| | Downstream | | LH Canada Built (Oshawa Plant) | 21516 | | |
| | | | Exc. Canada Built | 21539 | | |
| | | | RH Canada Built (Oshawa Plant) | 21516 | | |
| | V8-6.0 | Upstream | LH | 21543 | | |
| | | | RH | 21543 | | |
| | | | Downstream LH | 21510 | | |
| | | Downstream | RH | 21539 | | |
| | | | 1999 | V6-4.3 | Upstream LH | 24626 |
| | | | | | RH | 24626 |
| | Downstream | LH | 21539 | | | |
| | | RH | 21539 | | | |
| | V8-4.8 | Upstream | LH | 24626 | | |
| | | | RH | 24626 | | |
| | | | Downstream LH | 21539 | | |
| | | Downstream | RH | 21539 | | |
| | | | V8-5.3 | Upstream | LH | 24626 |
| | | | | | RH | 24626 |
| | Downstream | LH | 21539 | | | |
| | | RH | 21539 | | | |
| V8-6.0 | Upstream | LH | 21543 | | | |
| | | RH | 21543 | | | |
| | | Downstream LH | 21510 | | | |
| | Downstream | RH | 21539 | | | |
| | | Sonic | | | | |
| | | 2018-12 | L4-1.4 | Upstream | | 21577 |
| Downstream | | | | 25727 | | |
| L4-1.8 | Upstream | | | 25653 | | |
| | Downstream | | | 25727 | | |
| Spark | | | | | | |
| 2018-16 | L4-1.4 | Upstream | | 21580 | | |
| | | Downstream | | 21580 | | |
| 2015-13 | L4-1.2 | Upstream | | 21546 | | |
| | | Downstream | | 21559 | | |
| Spectrum | | | | | | |
| 1988-85 | L4-1.5 | Upstream | | 21002 | | |
| Sprint | | | | | | |
| 1992-87 | L3-1.0 | Upstream | | 21002 | | |
| 1986-85 | L3-1.0 | Upstream | | 24033 | | |
| SS | | | | | | |
| 2017-14 | V8-6.2 | Upstream | LH | 21549 | | |
| | | | RH | 21549 | | |
| | | Downstream | LH | 21066 | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------|-----------------------------|---------------|-----------------------|-----------------------------|-------|
| CHEVROLET (Cont'd) | | | | | |
| SS (Cont'd) | | | | | |
| 2017-14 | V8-6.2 | Downstream | RH | 21066 | |
| SSR | | | | | |
| 2006 | V8-6.0 | Upstream | LH | 21558 | |
| | | | RH | 21558 | |
| | | Downstream | LH | 1st Design; Square Plug | 21545 |
| | | | LH | 2nd Design; Triangular Plug | 21576 |
| | | | RH | 1st Design; Square Plug | 21545 |
| RH | 2nd Design; Triangular Plug | 21576 | | | |
| 2005 | V8-6.0 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21048 | |
| | | | RH | 21048 | |
| 2004-03 | V8-5.3 | Upstream | LH | 21047 | |
| | | | RH | 21047 | |
| | | Downstream | LH | 21048 | |
| | | | RH | 21048 | |
| Suburban | | | | | |
| 2018-16 | V8-5.3 | Upstream | LH | 21581 | |
| | | | RH | 21579 | |
| | | Downstream | LH | 21075 | |
| | | | RH | 21075 | |
| | V8-6.0 | Upstream | LH | 21579 | |
| | | | RH | 21579 | |
| | | Downstream | LH | 21075 | |
| | | | RH | 21075 | |
| | 2015 | V8-5.3 | Upstream | LH | 21581 |
| | | | | RH | 21581 |
| Downstream | | | LH | 21075 | |
| 2014 | V8-5.3 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |
| 2013-08 | V8-5.3 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |
| | V8-6.0 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| | | Downstream | LH | 21066 | |
| | | | RH | 21066 | |
| 2007 | V8-5.3 | Upstream | LH | 21559 | |
| | | | RH | 21559 | |
| | | Downstream | LH | 21049 | |
| | RH | 21049 | | | |
| | V8-6.0 | Upstream | LH | 21559 | |
| | | | RH | 21559 | |
| Downstream | | LH | 21049 | | |
| | | RH | 21049 | | |
| 2006 | V8-5.3 | Upstream | LH | 21559 | |
| | | | RH | 21559 | |
| | | Downstream | LH | 21560 | |
| | | | RH | 21560 | |
| | V8-6.0 | Upstream | LH | 21549 | |
| | | | RH | 21549 | |
| | | | LH | 1/2 Ton (1500 Models) | 21514 |
| | | RH | 3/4 Ton (2500 Models) | 21548 | |
| | | Downstream | LH | 21514 | |
| | | | RH | 21514 | |
| V8-8.1 | Upstream | LH | 21549 | | |
| | | RH | 21549 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---------------------------|------------|---------------|---------------|-----------------------------|-----------------------------|-------|
| CHEVROLET (Cont'd) | | | | | | |
| Suburban (Cont'd) | | | | | | |
| 2006 | V8-8.1 | Upstream | RH | 21549 | | |
| | | Downstream | LH | 21555 | | |
| | | | RH | 21549 | | |
| 2005-04 | V8-5.3 | Upstream | LH | 21546 | | |
| | | | RH | 21546 | | |
| | | Downstream | LH | 21546 | | |
| | | | RH | 21546 | | |
| | V8-6.0 | Upstream | LH | 21549 | | |
| | | | RH | 21549 | | |
| | | Downstream | LH | 21548 | | |
| | | | RH | 21514 | | |
| V8-8.1 | Upstream | LH | 21549 | | | |
| | | RH | 21549 | | | |
| | Downstream | LH | 21555 | | | |
| | | RH | 21549 | | | |
| 2003 | V8-5.3 | Upstream | LH | 21546 | | |
| | | | RH | 21546 | | |
| | | Downstream | LH | 21546 | | |
| | | | RH | 21546 | | |
| | | V8-6.0 | Upstream | LH | 21549 | |
| | | | | RH | 21549 | |
| | Downstream | | LH | Calif. | 21548 | |
| | | | RH | Federal | 21514 | |
| | V8-8.1 | Upstream | LH | 21549 | | |
| | | | RH | 21549 | | |
| | Downstream | LH | 21555 | | | |
| | | RH | 21549 | | | |
| 2002 | V8-5.3 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | RH | Exc. Canada Built | 24626 | |
| | | Downstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | RH | Exc. Canada Built | 24626 | |
| | | V8-6.0 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | | RH | Exc. Canada Built | 21539 |
| | Downstream | | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | RH | Exc. Canada Built | 21539 | |
| | V8-8.1 | Upstream | LH | 21513 | | |
| | | | RH | 21513 | | |
| | | Downstream | LH | 21518 | | |
| | | | RH | 21513 | | |
| 2001 | V8-5.3 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | RH | Exc. Canada Built | 24626 | |
| | | Downstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | RH | Exc. Canada Built | 24626 | |
| | | V8-6.0 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | | RH | Exc. Canada Built | 21539 |
| | Downstream | | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | RH | Exc. Canada Built | 21539 | |
| | V8-8.1 | Upstream | LH | 21513 | | |
| | | | RH | 21513 | | |
| | | Downstream | LH | 21518 | | |
| | | | RH | 21513 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|---------------------------|-------------|---------------|-------------------|-----------------------------|-------|-------------|-------|
| CHEVROLET (Cont'd) | | | | | | | |
| Suburban (Cont'd) | | | | | | | |
| 2000 | V8-5.3 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 | | |
| | | | | Exc. Canada Built | 24626 | | |
| | | | RH | Canada Built (Oshawa Plant) | 21516 | | |
| | | | Exc. Canada Built | 24626 | | | |
| | | Downstream | LH | Canada Built (Oshawa Plant) | 21516 | | |
| | | | | Exc. Canada Built | 21539 | | |
| | V8-6.0 | Upstream | LH | | 21543 | | |
| | | | RH | | 21543 | | |
| | | Downstream | LH | | 21510 | | |
| | | | RH | | 21539 | | |
| | | 1999-96 | V8-5.7 | Upstream | LH | A/T; 4L60-E | 21006 |
| | | | | | | A/T; 4L80-E | 21543 |
| RH | A/T; 4L60-E | | | 21006 | | | |
| | A/T; 4L80-E | | | 21543 | | | |
| Downstream | LH | | | 21539 | | | |
| | RH | | | 21539 | | | |
| V8-7.4 | Upstream | LH | | 21543 | | | |
| | | RH | | 21543 | | | |
| Downstream | LH | | 21539 | | | | |
| | RH | | 21539 | | | | |
| 1995 | All Engs | Upstream | 1-Wire | 21002 | | | |
| | 3-Wire | | 21004 | | | | |
| 1994-92 | All Engs | Upstream | 1-Wire | 21002 | | | |
| | 3-Wire | | 21003 | | | | |
| 1991-83 | All Engs | Upstream | | 21002 | | | |
| Tahoe | | | | | | | |
| 2018 | V8-5.3 | Upstream | LH | | 21581 | | |
| | | | RH | | 21579 | | |
| | | Downstream | LH | | 21075 | | |
| | | | RH | | 21075 | | |
| | V8-6.2 | Upstream | LH | | 21581 | | |
| | | | RH | | 21579 | | |
| | | Downstream | LH | | 21075 | | |
| | | | RH | | 21075 | | |
| 2017-16 | V8-5.3 | Upstream | LH | | 21581 | | |
| | | | RH | | 21579 | | |
| | | Downstream | LH | | 21075 | | |
| | | | RH | | 21075 | | |
| 2015 | V8-5.3 | Upstream | LH | | 21581 | | |
| | | | RH | | 21581 | | |
| | | Downstream | LH | | 21075 | | |
| | | | RH | | 21075 | | |
| 2014-08 | All Engs | Upstream | LH | | 21546 | | |
| | | | RH | | 21546 | | |
| | | Downstream | LH | | 21066 | | |
| | | | RH | | 21066 | | |
| 2007 | V8-4.8 | Upstream | LH | | 21559 | | |
| | | | RH | | 21559 | | |
| | | Downstream | LH | | 21049 | | |
| | | | RH | | 21049 | | |
| | V8-5.3 | Upstream | LH | | 21559 | | |
| | | | RH | | 21559 | | |
| | | Downstream | LH | | 21049 | | |
| | | | RH | | 21049 | | |
| 2006 | V8-4.8 | Upstream | LH | | 21559 | | |
| | | | RH | | 21559 | | |
| | | Downstream | LH | | 21049 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---------------------------|---------|---------------|-------------------|-----------------------------|-------------|-------|
| CHEVROLET (Cont'd) | | | | | | |
| Tahoe (Cont'd) | | | | | | |
| 2006 | V8-4.8 | Downstream | RH | | 21049 | |
| | | | | | | |
| | | Upstream | LH | | 21559 | |
| | | | RH | | 21559 | |
| | | Downstream | LH | | 21560 | |
| | | | RH | | 21560 | |
| | 2005-03 | V8-4.8 | Upstream | LH | | 21514 |
| | | | | RH | | 21514 |
| | | | Downstream | LH | | 21514 |
| | | RH | | | 21514 | |
| | | V8-5.3 | Upstream | LH | | 21546 |
| | | | | RH | | 21546 |
| Downstream | LH | | | 21546 | | |
| 2002-01 | V8-4.8 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | | Exc. Canada Built | 24626 | |
| | | | RH | Canada Built (Oshawa Plant) | 21516 | |
| | | | Exc. Canada Built | 24626 | | |
| | | Downstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | RH | Canada Built (Oshawa Plant) | 21516 | |
| | V8-5.3 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | | Exc. Canada Built | 24626 | |
| | | | RH | Canada Built (Oshawa Plant) | 21516 | |
| | | | Exc. Canada Built | 24626 | | |
| | | Downstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | RH | Canada Built (Oshawa Plant) | 21516 | |
| 2000 | V8-4.8 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | | Exc. Canada Built | 24626 | |
| | | | RH | Canada Built (Oshawa Plant) | 21516 | |
| | | | Exc. Canada Built | 24626 | | |
| | | Downstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | RH | Canada Built (Oshawa Plant) | 21516 | |
| 1999-97 | V8-5.7 | Upstream | LH | A/T; 4L60-E | 21006 | |
| | | | | A/T; 4L80-E | 21543 | |
| | | | RH | A/T; 4L60-E | 21006 | |
| | | | A/T; 4L80-E | 21543 | | |
| | | Downstream | LH | | 21539 | |
| | | | RH | | 21539 | |
| | 1996 | V8-5.7 | Upstream | LH | A/T; 4L60-E | 21006 |
| | | | | | A/T; 4L80-E | 21543 |
| | | | | M/T | | 21543 |
| | | | Downstream | LH | | 21006 |
| | | | | RH | | 21006 |
| | | | | A/T; 4L80-E | | 21543 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------|----------|---------------|---------------|--------|-------|
| CHEVROLET (Cont'd) | | | | | |
| Tahoe (Cont'd) | | | | | |
| 1996 | V8-5.7 | Upstream | LH | M/T | 21543 |
| | | Downstream | LH | | 21539 |
| | | | RH | | 21539 |
| 1995 | V8-5.7 | Upstream | | 1-Wire | 21002 |
| | | | | 3-Wire | 21004 |
| | | | | | |
| Tracker | | | | | |
| 2004 | V6-2.5 | Upstream | LH | | 24296 |
| | | | RH | | 24296 |
| | | Downstream | LH | | 24280 |
| | | | RH | | 24280 |
| 2003 | L4-2.0 | Upstream | | | 21507 |
| | | Downstream | | | 21525 |
| | V6-2.5 | Upstream | LH | | 24296 |
| | | | RH | | 24296 |
| | | Downstream | LH | | 24280 |
| | | | RH | | 24280 |
| 2002-01 | L4-1.6 | Upstream | | | 21507 |
| | | Downstream | | | 21525 |
| | L4-2.0 | Upstream | | | 21507 |
| | | Downstream | | | 21525 |
| | V6-2.5 | Upstream | LH | | 24296 |
| | | | RH | | 24296 |
| | | Downstream | LH | | 24280 |
| | | | RH | | 24280 |
| 2000-99 | L4-1.6 | Upstream | Calif. | | 21507 |
| | | | Federal | | 21527 |
| | | Downstream | Calif. | | 21524 |
| | | | Federal | | 21509 |
| | L4-2.0 | Upstream | Calif. | | 21507 |
| | | | Federal | | 21527 |
| | | Downstream | Calif. | | 21524 |
| | | | Federal | | 21509 |
| 1998 | L4-1.6 | Upstream | | | 21508 |
| | | Downstream | | | 21509 |
| 1991 | L4-1.6 | Upstream | | | 21541 |
| 1990-89 | L4-1.6 | Upstream | | | 24033 |
| Traverse | | | | | |
| 2018 | L4-2.0 | Upstream | | | 27016 |
| | | Downstream | | | 21071 |
| | V6-3.6 | Upstream | LH | | 21084 |
| | | | RH | | 21084 |
| | | Downstream | LH | | 21084 |
| | | | RH | | 21084 |
| 2017-12 | V6-3.6 | Upstream | LH | | 21571 |
| | | | RH | | 21571 |
| | | Downstream | LH | | 21571 |
| | | | RH | | 21571 |
| 2011-09 | V6-3.6 | Upstream | LH | | 21556 |
| | | | RH | | 21556 |
| | | Downstream | LH | | 21556 |
| | | | RH | | 21556 |
| Trax | | | | | |
| 2018-13 | L4-1.4 | Upstream | | | 21577 |
| | | Downstream | | | 25727 |
| Uplander | | | | | |
| 2009-08 | V6-3.9 | Upstream | | | 21546 |
| | | Downstream | | | 21568 |
| 2007-05 | All Engs | Upstream | | | 21546 |
| | | Downstream | | | 21048 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | | | |
|---|------------|---------------|---------------|----------|----------|-------|-------|-------|
| CHEVROLET (Cont'd) | | | | | | | | |
| Venture | | | | | | | | |
| 2005 | V6-3.4 | Upstream | | | 21516 | | | |
| | | Downstream | | | 21048 | | | |
| 2004-01 | V6-3.4 | Upstream | | | 21516 | | | |
| | | Downstream | | | 21528 | | | |
| 2000-97 | V6-3.4 | Upstream | | | 21539 | | | |
| | | Downstream | | | 21528 | | | |
| Volt | | | | | | | | |
| 2018 | L4-1.5 | Upstream | | | 21082 | | | |
| | | Downstream | | | 21580 | | | |
| 2017-16 | L4-1.5 | Upstream | | | 21580 | | | |
| | | Downstream | | | 21580 | | | |
| 2015-11 | L4-1.4 | Upstream | | | 21577 | | | |
| | | Downstream | | | 21556 | | | |
| CHRYSLER | | | | | | | | |
| 200 Series (200, 200C) | | | | | | | | |
| 2017-15 | L4-2.4 | Upstream | | | 27009 | | | |
| | | Downstream | | | 23162 | | | |
| | V6-3.6 | Upstream | LH | | 23161 | | | |
| | | | RH | | 23161 | | | |
| | | Downstream | LH | | 23162 | | | |
| | | | RH | | 23162 | | | |
| 2014-11 | L4-2.4 | Upstream | | | 23161 | | | |
| | | Downstream | | | 23161 | | | |
| | V6-3.6 | Upstream | LH | | 23162 | | | |
| | | | RH | | 23162 | | | |
| Downstream | LH | | | 23161 | | | | |
| | | RH | | 23162 | | | | |
| 300 Series (300, 300C, 300M, 300S) | | | | | | | | |
| 2018-15 | V6-3.6 | Upstream | LH | | 23162 | | | |
| | | | RH | | 23162 | | | |
| | | Downstream | LH | | 23162 | | | |
| | | | RH | | 23161 | | | |
| | V8-5.7 | Upstream | LH | | 23161 | | | |
| | | | RH | | 23162 | | | |
| | | Downstream | LH | | 23162 | | | |
| | | | RH | | 23162 | | | |
| | | | 2014 | V6-3.6 | Upstream | LH | | 23162 |
| | | | | | | RH | | 23162 |
| Downstream | LH | | | | 23162 | | | |
| | RH | | | | 23161 | | | |
| V8-5.7 | Upstream | LH | | 23162 | | | | |
| | | RH | | 23162 | | | | |
| | Downstream | LH | | 23162 | | | | |
| | | RH | | 23162 | | | | |
| | | V8-6.4 | Upstream | LH | | 23162 | | |
| | | | | RH | | 23162 | | |
| Downstream | LH | | | 23162 | | | | |
| | RH | | | 23162 | | | | |
| 2013 | V6-3.6 | Upstream | LH | | 23162 | | | |
| | | | RH | | 23162 | | | |
| | | Downstream | LH | | 23162 | | | |
| | | | RH | | 23162 | | | |
| | V8-5.7 | Upstream | LH | | 23162 | | | |
| | | | RH | | 23162 | | | |
| | | Downstream | LH | | 23162 | | | |
| | | | RH | | 23162 | | | |
| | | | V8-6.4 | Upstream | LH | | 23162 | |
| | | | | | RH | | 23162 | |
| Downstream | LH | | | 23162 | | | | |
| | RH | | | 23162 | | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|---------------|---|--------|-------|
| CHRYSLER (Cont'd) | | | | | |
| 300 Series (300, 300C, 300M, 300S) (Cont'd) | | | | | |
| 2013 | V8-6.4 | Downstream | RH | 23162 | |
| 2012 | V6-3.6 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | V8-5.7 | Upstream | LH | 23161 |
| | | | | RH | 23161 |
| | Downstream | LH | 23161 | | |
| | | RH | 23161 | | |
| | V8-6.4 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | 2011 | V6-3.6 | Upstream | LH | 23162 |
| RH | | | | 23162 | |
| Downstream | | | LH | 23162 | |
| | | RH | 23162 | | |
| V8-5.7 | | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | Downstream | LH | 23159 | | |
| 2010 | V6-2.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23158 | |
| | V6-3.5 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | V8-5.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| V8-6.1 | Upstream | LH | 23159 | | |
| | | RH | 23159 | | |
| | Downstream | LH | 23159 | | |
| | | RH | 23159 | | |
| | 2009 | V6-2.7 | Upstream | LH | 23159 |
| | | | | RH | 23159 |
| Downstream | | | LH | 23159 | |
| | | | RH | 23158 | |
| V6-3.5 | | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | Downstream | LH | 23159 | | |
| | | RH | O2 w/12" Lgth; Black OE Plug O2 w/18" Lgth; Gray OE Plug | | |
| V8-5.7 | Upstream | LH | 23159 | | |
| | | RH | 23159 | | |
| | Downstream | LH | 23159 | | |
| | | RH | 23159 | | |
| | V8-6.1 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| Downstream | LH | 23159 | | | |
| | RH | 23159 | | | |
| 2008 | V6-2.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23158 | |
| | V6-3.5 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|---------------|----------------------------|--------|-------|
| CHRYSLER (Cont'd) | | | | | |
| 300 Series (300, 300C, 300M, 300S) (Cont'd) | | | | | |
| 2008 | V6-3.5 | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | V8-5.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | V8-6.1 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | 2007 | V6-2.7 | Upstream | LH | 23159 |
| | | | | RH | 23159 |
| Downstream | | LH | 23159 | | |
| | | RH | 23159 | | |
| V6-3.5 | | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | Downstream | LH | 23159 | | |
| | | RH | Calif. Federal | | |
| V8-5.7 | Upstream | LH | To 7/28/06 From 7/28/06 | | |
| | | RH | To 7/28/06 From 7/28/06 | | |
| | Downstream | LH | 23159 | | |
| | | RH | 23158 | | |
| V8-6.1 | Upstream | LH | To 7/28/06 From 7/28/06 | | |
| | | RH | To 7/28/06 From 7/28/06 | | |
| | Downstream | LH | 23159 | | |
| | | RH | 23158 | | |
| 2006-05 | V6-2.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | V6-3.5 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | V8-5.7 | Upstream | LH | 23160 | |
| | | | RH | 23160 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23158 | |
| V8-6.1 | Upstream | LH | 23160 | | |
| | | RH | 23160 | | |
| | Downstream | LH | 23159 | | |
| | | RH | 23158 | | |
| 2004-03 | V6-3.5 | Upstream | LH | 23145 | |
| | | | RH | 23145 | |
| | | Downstream | LH | 23133 | |
| | | | RH | 23133 | |
| 2002 | V6-3.5 | Upstream | LH | 23131 | |
| | | | RH | 23131 | |
| | | Downstream | LH | 23133 | |
| | | | RH | 23133 | |
| 2001 | V6-3.5 | Upstream | LH | 23133 | |
| | | | RH | 23133 | |
| | | Downstream | LH | 23133 | |
| | | | RH | 23133 | |
| 2000 | V6-3.5 | Upstream | LH | 23128 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|---------------|---------------|--------|-------|
| CHRYSLER (Cont'd) | | | | | |
| 300 Series (300, 300C, 300M, 300S) (Cont'd) | | | | | |
| 2000 | V6-3.5 | Upstream | RH | 23128 | |
| | | | LH | 23128 | |
| | | Downstream | RH | 23128 | |
| 1999 | V6-3.5 | Upstream | LH | 23048 | |
| | | | RH | 23048 | |
| | | Downstream | LH | 23048 | |
| | | | RH | 23048 | |
| Aspen | | | | | |
| 2009 | V8-4.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23158 | |
| | | | RH | 23158 | |
| | | V8-5.7 | Upstream | LH Gas | 23159 |
| | | | | Hybrid | 23158 |
| | RH Gas | | | 23159 | |
| | Downstream | | LH Gas | 23159 | |
| | | | Hybrid | 23158 | |
| | | | RH Gas | 23159 | |
| | | | | Hybrid | 23158 |
| | 2008 | V8-4.7 | Upstream | LH | 23159 |
| RH | | | | 23159 | |
| Downstream | | | LH | 23158 | |
| | | RH | 23158 | | |
| V8-5.7 | | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | Downstream | LH | 23159 | | |
| RH | | 23159 | | | |
| 2007 | V8-4.7 | Upstream | LH | 23556 | |
| | | | RH | 23556 | |
| | | Downstream | LH | 23527 | |
| | RH | | 23527 | | |
| | V8-5.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| Downstream | | LH | 23159 | | |
| | | | RH | 23159 | |
| Cirrus | | | | | |
| 2000-98 | All Engs | Upstream | | 23048 | |
| | | Downstream | | 23106 | |
| 1997 | L4-2.4 | Upstream | | 23039 | |
| | | Downstream | | 23093 | |
| | V6-2.5 | Upstream | | 23041 | |
| | | Downstream | | 23093 | |
| 1996-95 | L4-2.4 | Upstream | | 23023 | |
| | | Downstream | | 23093 | |
| | V6-2.5 | Upstream | | 23036 | |
| | | Downstream | | 23093 | |
| Concorde | | | | | |
| 2004-03 | V6-2.7 | Upstream | LH | 23145 | |
| | | | RH | 23145 | |
| | | Downstream | LH | 23133 | |
| | | | RH | 23133 | |
| | | V6-3.5 | Upstream | LH | 23145 |
| | | | | RH | 23145 |
| | Downstream | | LH | 23133 | |
| | | | RH | 23133 | |
| | 2002 | V6-2.7 | Upstream | LH | 23131 |
| | | | | RH | 23131 |
| Downstream | | | LH | 23133 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--------------------------|------------|---------------|---------------|----------|-------|-------|
| CHRYSLER (Cont'd) | | | | | | |
| Concorde (Cont'd) | | | | | | |
| 2002 | V6-2.7 | Downstream | RH | 23133 | | |
| | | | LH | 23131 | | |
| | | V6-3.5 | Upstream | LH | 23131 | |
| | RH | | | 23131 | | |
| | Downstream | | LH | 23133 | | |
| | 2001 | V6-2.7 | Upstream | LH | 23133 | |
| RH | | | | 23133 | | |
| Downstream | | | LH | 23133 | | |
| | | | RH | 23133 | | |
| V6-3.2 | | | Upstream | LH | 23133 | |
| | | | | RH | 23133 | |
| | | Downstream | LH | 23133 | | |
| | | | RH | 23133 | | |
| | | 2000 | V6-2.7 | Upstream | LH | 23128 |
| | | | | | RH | 23128 |
| Downstream | | | | LH | 23128 | |
| | | | RH | 23128 | | |
| | V6-3.2 | | Upstream | LH | 23128 | |
| RH | | | | 23128 | | |
| Downstream | | LH | 23128 | | | |
| | | RH | 23128 | | | |
| 1999-98 | | V6-2.7 | Upstream | LH | 23048 | |
| | | | | RH | 23048 | |
| | Downstream | | LH | 23048 | | |
| | | RH | 23048 | | | |
| | | V6-3.2 | Upstream | LH | 23048 | |
| | RH | | | 23048 | | |
| Downstream | LH | | 23048 | | | |
| | RH | | 23048 | | | |
| 1997 | V6-3.5 | | Upstream | LH | 23039 | |
| | | | | RH | 23039 | |
| | | Downstream | LH | 23007 | | |
| | RH | | 23007 | | | |
| | 1996 | | V6-3.3 | Upstream | | 23039 |
| | | Downstream | | | 23007 | |
| V6-3.5 | | Upstream | LH | 23039 | | |
| | | | RH | 23039 | | |
| | | Downstream | LH | 23007 | | |
| | | | RH | 23007 | | |
| 1995-93 | All Engs | Upstream | Round Plug | 23039 | | |
| | | | Square Plug | 23023 | | |
| Conquest | | | | | | |
| 1989-87 | L4-2.6 | Upstream | | 23500 | | |
| Cordoba | | | | | | |
| 1983-80 | All Engs | Upstream | | 23004 | | |
| Crossfire | | | | | | |
| 2008-04 | V6-3.2 | Upstream | LH | 25617 | | |
| | | | RH | 25617 | | |
| | | Downstream | LH | 25617 | | |
| | | | RH | 25617 | | |
| Daytona | | | | | | |
| 1993-89 | All Engs | Upstream | | 23023 | | |
| 1988-87 | L4-2.2 | Upstream | | 23005 | | |
| | | L4-2.5 | Upstream | 23005 | | |
| 1986-84 | All Engs | Upstream | | 23004 | | |
| Dynasty | | | | | | |
| 1993-89 | All Engs | Upstream | | 23023 | | |
| 1988 | L4-2.5 | Upstream | | 23005 | | |
| | | V6-3.0 | Upstream | 23005 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---|------------|---------------|---------------|----------|-------|-------|
| CHRYSLER (Cont'd) | | | | | | |
| E Class, Executive Limousine / Sedan | | | | | | |
| 1986 | L4-2.2 | Upstream | | 23004 | | |
| | L4-2.5 | Upstream | | 23004 | | |
| 1985 | L4-2.6 | Upstream | | 24141 | | |
| 1984 | L4-2.2 | Upstream | | 23004 | | |
| | L4-2.6 | Upstream | | 24141 | | |
| 1983 | L4-2.2 | Upstream | | 23004 | | |
| | L4-2.6 | Upstream | | 23004 | | |
| Fifth Avenue | | | | | | |
| 1989-83 | All Engs | Upstream | | 23004 | | |
| Imperial | | | | | | |
| 1993-90 | All Engs | Upstream | | 23023 | | |
| 1983-81 | V8-5.2 | Upstream | | 23004 | | |
| Intrepid | | | | | | |
| 2004-03 | V6-2.7 | Upstream | LH | 23145 | | |
| | | | RH | 23145 | | |
| | | Downstream | LH | 23133 | | |
| | | | RH | 23133 | | |
| | V6-3.5 | Upstream | LH | 23145 | | |
| | | | RH | 23145 | | |
| | | Downstream | LH | 23133 | | |
| | | | RH | 23133 | | |
| | 2002 | V6-2.7 | Upstream | LH | 23131 | |
| | | | | RH | 23131 | |
| | | | Downstream | LH | 23133 | |
| | | RH | | 23133 | | |
| V6-3.5 | | Upstream | LH | 23131 | | |
| | | | RH | 23131 | | |
| | Downstream | LH | 23133 | | | |
| RH | | 23133 | | | | |
| 2001 | V6-2.7 | Upstream | LH | 23133 | | |
| | | | RH | 23133 | | |
| | | Downstream | LH | 23133 | | |
| | RH | | 23133 | | | |
| | V6-3.2 | Upstream | LH | 23133 | | |
| | | | RH | 23133 | | |
| | | Downstream | LH | 23133 | | |
| | RH | | 23133 | | | |
| | V6-3.5 | Upstream | LH | 23133 | | |
| | | | RH | 23133 | | |
| | | Downstream | LH | 23133 | | |
| | | | RH | 23133 | | |
| | | 2000 | V6-2.7 | Upstream | LH | 23128 |
| | | | | | RH | 23128 |
| | Downstream | | | LH | 23128 | |
| | | | RH | 23128 | | |
| | V6-3.2 | | Upstream | LH | 23128 | |
| | | | | RH | 23128 | |
| Downstream | | LH | 23128 | | | |
| | RH | 23128 | | | | |
| V6-3.5 | Upstream | LH | 23128 | | | |
| | | RH | 23128 | | | |
| | Downstream | LH | 23128 | | | |
| | | RH | 23128 | | | |
| | 1999-98 | V6-2.7 | Upstream | LH | 23048 | |
| | | | | RH | 23048 | |
| Downstream | | | LH | 23048 | | |
| | | RH | 23048 | | | |
| V6-3.2 | | Upstream | LH | 23048 | | |
| | | | RH | 23048 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--------------------------|----------|---------------|---------------------------|----------------|
| CHRYSLER (Cont'd) | | | | |
| Intrepid (Cont'd) | | | | |
| 1999-98 | V6-3.2 | Downstream | LH | 23048 |
| | | | RH | 23048 |
| 1997-96 | V6-3.3 | Upstream | | 23039 |
| | | | Downstream | 23007 |
| | V6-3.5 | Upstream | LH | 23039 |
| | | | RH | 23039 |
| | | Downstream | LH | 23007 |
| | | | RH | 23007 |
| 1995-93 | All Engs | Upstream | Round Plug Square Plug | 23039 23023 |
| Laser | | | | |
| 1986-84 | All Engs | Upstream | | 23004 |
| LeBaron | | | | |
| 1995-89 | All Engs | Upstream | | 23023 |
| 1988-87 | L4-2.2 | Upstream | | 23005 |
| | L4-2.5 | Upstream | | 23005 |
| 1986 | L4-2.2 | Upstream | | 23004 |
| | L4-2.5 | Upstream | | 23004 |
| 1985-84 | L4-2.2 | Upstream | | 23004 |
| | L4-2.6 | Upstream | | 24141 |
| 1983-79 | All Engs | Upstream | | 23004 |
| LHS | | | | |
| 2001 | V6-3.5 | Upstream | LH | 23133 |
| | | | RH | 23133 |
| | | Downstream | LH | 23133 |
| | | | RH | 23133 |
| 2000 | V6-3.5 | Upstream | LH | 23128 |
| | | | RH | 23128 |
| | | Downstream | LH | 23128 |
| | | | RH | 23128 |
| 1999 | V6-3.5 | Upstream | LH | 23048 |
| | | | RH | 23048 |
| | | Downstream | LH | 23048 |
| | | | RH | 23048 |
| 1997-96 | V6-3.5 | Upstream | LH | 23039 |
| | | | RH | 23039 |
| | | Downstream | LH | 23007 |
| | | | RH | 23007 |
| 1995-94 | All Engs | Upstream | Round Plug Square Plug | 23039 23023 |
| Neon, SX 2.0 | | | | |
| 2002-01 | L4-2.0 | Upstream | VIN C | 23512 |
| | | | Calif; VIN C | 23098 |
| | | Downstream | Federal; VIN C | 23124 |
| 2000 | L4-2.0 | Upstream | Federal | 23127 |
| | | | ULEV | 23512 |
| | | Downstream | Federal | 23123 |
| | | | ULEV | 23098 |
| Newport | | | | |
| 1981-79 | All Engs | Upstream | | 23004 |
| New Yorker | | | | |
| 1996 | V6-3.5 | Upstream | LH | 23039 |
| | | | RH | 23039 |
| | | Downstream | LH | 23007 |
| | | | RH | 23007 |
| 1995-94 | All Engs | Upstream | Round Plug Square Plug | 23039 23023 |
| 1993-89 | All Engs | Upstream | | 23023 |
| 1988-87 | All Engs | Upstream | | 23005 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------------|----------|---------------|-------------------------------------|--------|-------|
| CHRYSLER (Cont'd) | | | | | |
| New Yorker (Cont'd) | | | | | |
| 1986 | L4-2.2 | Upstream | | 23004 | |
| | L4-2.5 | Upstream | | 23004 | |
| 1985-84 | L4-2.2 | Upstream | | 23004 | |
| | L4-2.6 | Upstream | | 24141 | |
| 1983-80 | All Engs | Upstream | | 23004 | |
| Pacifica | | | | | |
| 2018-17 | V6-3.6 | Upstream | LH | 23161 | |
| | | | RH | 23161 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| 2008-07 | V6-3.8 | Upstream | | 23566 | |
| | | Downstream | | 23158 | |
| | V6-4.0 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| 2006 | V6-3.5 | Upstream | | 23527 | |
| | | Downstream | | 23556 | |
| | V6-3.8 | Upstream | | 23566 | |
| | | Downstream | | 23158 | |
| 2005 | V6-3.5 | Upstream | w/OE #Stamped 4727446AD | 23569 | |
| | | | w/OE #Stamped 56028999AB | 23527 | |
| | | Downstream | w/OE #Stamped 4727936AD | 23026 | |
| | | | w/OE #Stamped 56028998AB | 23556 | |
| | V6-3.8 | Upstream | w/o XZZ Option Code; OE #56029052AA | 23051 | |
| | | | XZZ Option Code; OE #56029085AA | 23566 | |
| Downstream | | | 23158 | | |
| | 2004 | V6-3.5 | Upstream | 23569 | |
| Downstream | | | 23026 | | |
| Prowler | | | | | |
| 2002-01 | V6-3.5 | Upstream | LH | 23048 | |
| | | | RH | 23048 | |
| | | Downstream | LH | 23048 | |
| | | | RH | 23048 | |
| PT Cruiser | | | | | |
| 2010 | L4-2.4 | Upstream | | 23158 | |
| | | Downstream | | 23159 | |
| 2009-04 | L4-2.4 | Upstream | Turbo | 23159 | |
| | | | Non-Turbo | 23158 | |
| | | Downstream | | 23159 | |
| 2003 | L4-2.4 | Upstream | | 23143 | |
| | | Downstream | | 23125 | |
| 2002-01 | L4-2.4 | Upstream | | 23131 | |
| | | Downstream | | 23124 | |
| Sebring | | | | | |
| 2010-07 | L4-2.4 | Upstream | | 25186 | |
| | | Downstream | | 25186 | |
| | V6-2.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | V6-3.5 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | 2006 | L4-2.4 | Upstream | | 23158 |
| | | | Downstream | | 23159 |
| V6-2.7 | | Upstream | LH | 23159 | |
| | | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|--------------------------|------------|---------------|--|---|----------|-------|-------|
| CHRYSLER (Cont'd) | | | | | | | |
| Sebring (Cont'd) | | | | | | | |
| 2006 | V6-2.7 | Upstream | RH | 23159 | | | |
| | | Downstream | LH | 23159 | | | |
| | | | RH | 23159 | | | |
| 2005 | L4-2.4 | Upstream | SOHC | 23551 | | | |
| | | | DOHC | 23158 | | | |
| | | Downstream | SOHC | 23525 | | | |
| | | | DOHC | 23159 | | | |
| | V6-2.7 | Upstream | LH | 23159 | | | |
| | | | RH | 23159 | | | |
| | | Downstream | LH | 23159 | | | |
| | | | RH | 23159 | | | |
| | V6-3.0 | Upstream | LH | 21512 | | | |
| | | | RH | 21512 | | | |
| Downstream | | LH | 23522 | | | | |
| | | RH | 23522 | | | | |
| 2004 | L4-2.4 | Upstream | SOHC | 23551 | | | |
| | | | DOHC; w/Next Gen. Eng. Controller; 18" Pigtail; Gray Plug | 23158 | | | |
| | | | DOHC; w/o Next Gen. Eng. Controller; 16.75" Pigtail; Black Plug | 23146 | | | |
| | | Downstream | SOHC | 23525 | | | |
| | | | DOHC; w/Next Gen. Eng. Controller; 11.75" Pigtail; Black Square Plug | 23159 | | | |
| | | | DOHC; w/o Next Gen. Eng. Controller; 15" Pigtail; Black Round Plug | 23133 | | | |
| | V6-2.7 | Upstream | LH | w/Next Gen. Eng. Controller; Square Plug | 23159 | | |
| | | | | w/o Next Gen. Eng. Controller; Round Plug | 23133 | | |
| | | | RH | w/Next Gen. Eng. Controller; Square Plug | 23159 | | |
| | | Downstream | LH | w/Next Gen. Eng. Controller; Square Plug | 23159 | | |
| | | | | w/o Next Gen. Eng. Controller; Round Plug | 23133 | | |
| | | | RH | w/Next Gen. Eng. Controller; Square Plug | 23159 | | |
| | V6-3.0 | Upstream | LH | | 21512 | | |
| | | | RH | | 21512 | | |
| | | | Downstream | LH | 23522 | | |
| | | Downstream | RH | | 23522 | | |
| | | | 2003 | L4-2.4 | Upstream | SOHC | 23551 |
| | | | | | | DOHC | 23146 |
| Downstream | SOHC | 23525 | | | | | |
| V6-2.7 | Upstream | LH | | | 23133 | | |
| | | RH | | | 23133 | | |
| | Downstream | LH | | | 23133 | | |
| V6-3.0 | Upstream | LH | | 21512 | | | |
| | | RH | | 21512 | | | |
| | | Downstream | LH | 23522 | | | |
| | Downstream | RH | | 23522 | | | |
| | | 2002-01 | L4-2.4 | Upstream | SOHC | 23551 | |
| | | | | | DOHC | 23129 | |
| Downstream | SOHC | | | 23525 | | | |
| V6-2.7 | Upstream | | LH | | 23133 | | |
| | | | | DOHC | 23133 | | |
| | Downstream | | LH | | 23133 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--------------------------|------------|---------------|------------------|------------------|-------|
| CHRYSLER (Cont'd) | | | | | |
| Sebring (Cont'd) | | | | | |
| 2002-01 | V6-2.7 | Upstream | RH | 23133 | |
| | | Downstream | LH | 23133 | |
| | | | RH | 23133 | |
| | V6-3.0 | Upstream | LH | 21512 | |
| | | Downstream | RH | 21512 | |
| | | | LH | 23522 | |
| 2000 | V6-2.5 | Upstream | Convertible | 23048 | |
| | | | LH Coupe; Calif. | 23506 | |
| | | | Coupe; Federal | 23102 | |
| | | Downstream | RH Coupe; Calif. | 23055 | |
| | | | Coupe; Federal | 23115 | |
| | | | Convertible | 23108 | |
| | 1999 | L4-2.0 | Upstream | | 23025 |
| | | | Downstream | | 23020 |
| | | V6-2.5 | Upstream | Convertible | 23048 |
| | | | | LH Coupe; Calif. | 23506 |
| | | | | Coupe; Federal | 23102 |
| | | | Downstream | RH Coupe; Calif. | 23055 |
| Coupe; Federal | 23115 | | | | |
| Convertible | 23108 | | | | |
| 1998 | L4-2.0 | Upstream | | 23025 | |
| | | Downstream | | 23020 | |
| | L4-2.4 | Upstream | | 23048 | |
| | | Downstream | | 23108 | |
| | V6-2.5 | Upstream | Convertible | 23048 | |
| | | | LH Coupe; Calif. | 23506 | |
| | | | Coupe; Federal | 23102 | |
| | | Downstream | RH Coupe; Calif. | 23055 | |
| | | | Coupe; Federal | 23115 | |
| | | | Convertible | 23108 | |
| | 1997 | L4-2.0 | Upstream | | 23025 |
| | | | Downstream | | 23020 |
| L4-2.4 | | Upstream | | 23039 | |
| | | Downstream | | 23108 | |
| V6-2.5 | | Upstream | Convertible | 23041 | |
| | | | LH Coupe | 23023 | |
| | RH Coupe | | 23023 | | |
| | Downstream | Convertible | 23108 | | |
| | | LH Coupe | 23008 | | |
| | | RH Coupe | 23008 | | |
| 1996 | L4-2.0 | Upstream | | 23023 | |
| | | Downstream | | 23020 | |
| | L4-2.4 | Upstream | | 23023 | |
| | | Downstream | | 23108 | |
| | V6-2.5 | Upstream | Convertible | 23041 | |
| | | LH Coupe | 23023 | | |
| RH Coupe | 23023 | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---------------------------------|------------|---------------|-------------------------------------|-------------------------------------|
| CHRYSLER (Cont'd) | | | | |
| Sebring (Cont'd) | | | | |
| 1996 | V6-2.5 | Downstream | Convertible | 23108 |
| | | | Coupe | 23008 |
| 1995 | L4-2.0 | Upstream | | 23023 |
| | | Downstream | | 23001 |
| | V6-2.5 | Upstream | | 23023 |
| | | Downstream | | 23023 |
| TC Maserati | | | | |
| 1991 | V6-3.0 | Upstream | | 23023 |
| 1990 | L4-2.2 | Upstream | | 23005 |
| | V6-3.0 | Upstream | | 23023 |
| 1989 | L4-2.2 | Upstream | | 23023 |
| Town & Country | | | | |
| 2016-11 | V6-3.6 | Upstream | LH | 23162 |
| | | | RH | 23162 |
| | | Downstream | LH | 23162 |
| | | | RH | 23161 |
| 2010-08 | V6-3.3 | Upstream | | 25186 |
| | | Downstream | | 23158 |
| | V6-3.8 | Upstream | | 25186 |
| | | Downstream | | 23158 |
| | V6-4.0 | Upstream | LH | 23159 |
| | | | RH | 23159 |
| Downstream | | LH | 23159 | |
| | | RH | 23159 | |
| 2007-06 | V6-3.3 | Upstream | | 23566 |
| | | Downstream | | 23158 |
| | V6-3.8 | Upstream | | 23566 |
| | | Downstream | | 23158 |
| 2005 | V6-3.3 | Upstream | w/o XZZ Option Code; OE #56029052AA | 23051 |
| | | | XZZ Option Code; OE #56029085AA | 23566 |
| | Downstream | | 23158 | |
| | | V6-3.8 | Upstream | w/o XZZ Option Code; OE #56029052AA |
| XZZ Option Code; OE #56029085AA | 23566 | | | |
| 2004 | V6-3.3 | Upstream | | 23051 |
| | | Downstream | | 23158 |
| | V6-3.8 | Upstream | | 23051 |
| | | Downstream | | 23158 |
| 2003-01 | V6-3.3 | Upstream | | 23538 |
| | | Downstream | | 23134 |
| | V6-3.8 | Upstream | | 23538 |
| | | Downstream | | 23134 |
| 2000-98 | V6-3.3 | Upstream | | 23506 |
| | | Downstream | TLEV | 23047 |
| | V6-3.8 | Upstream | w/o TLEV | 23105 |
| | | Downstream | TLEV | 23047 |
| 1997-96 | V6-3.3 | Upstream | | 23039 |
| | | Downstream | TLEV | 23006 |
| | V6-3.8 | Upstream | w/o TLEV | 23002 |
| | | Downstream | TLEV | 23006 |
| 1995 | V6-3.8 | Upstream | | 23039 |
| 1994 | V6-3.8 | Upstream | | 23023 |
| 1993-90 | V6-3.3 | Upstream | | 23023 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|----------|---------------|---------------|--------|
| CHRYSLER (Cont'd) | | | | |
| Town & Country (Cont'd) | | | | |
| 1988-87 | L4-2.2 | Upstream | | 23005 |
| | L4-2.5 | Upstream | | 23005 |
| 1986 | L4-2.2 | Upstream | | 23004 |
| | L4-2.5 | Upstream | | 23004 |
| 1985-82 | L4-2.2 | Upstream | | 23004 |
| | L4-2.6 | Upstream | | 24141 |
| 1981-79 | All Engs | Upstream | | 23004 |
| Voyager, Grand Voyager, PB Series Van | | | | |
| 2003 | L4-2.4 | Upstream | | 23144 |
| | | Downstream | | 23134 |
| | V6-3.3 | Upstream | | 23538 |
| | | Downstream | | 23134 |
| 2002-01 | L4-2.4 | Upstream | | 23130 |
| | | Downstream | | 23134 |
| | V6-3.3 | Upstream | | 23538 |
| | | Downstream | | 23134 |
| 2000 | L4-2.4 | Upstream | | 23118 |
| | | Downstream | TLEV | 23047 |
| | | | w/o TLEV | 23105 |
| | | | | 23105 |
| | V6-3.0 | Upstream | | 23506 |
| | | Downstream | TLEV | 23047 |
| | | | w/o TLEV | 23105 |
| | V6-3.3 | Upstream | | 23506 |
| | | Downstream | TLEV | 23047 |
| | | | w/o TLEV | 23105 |
| DAEWOO | | | | |
| Lanos | | | | |
| 2002-99 | All Engs | Upstream | | 21553 |
| | | Downstream | | 21006 |
| Leganza | | | | |
| 2002-99 | L4-2.2 | Upstream | | 21553 |
| | | Downstream | | 21006 |
| Nubira | | | | |
| 2002-99 | L4-2.0 | Upstream | | 21553 |
| | | Downstream | | 25590 |
| DAIHATSU | | | | |
| Charade | | | | |
| 1992-88 | All Engs | Upstream | | 24105 |
| Rocky | | | | |
| 1992-90 | All Engs | Upstream | | 24105 |
| DELOREAN | | | | |
| DMC 12 | | | | |
| 1983-81 | V6-2.9 | Upstream | | 24672 |
| DODGE | | | | |
| 2000 GTX | | | | |
| 1990-89 | L4-2.0 | Upstream | SOHC | 24141 |
| | | | DOHC | 24533 |
| Aries (Incl. 400, 600) | | | | |
| 1989 | L4-2.2 | Upstream | | 23023 |
| | | | | 23023 |
| 1988-87 | L4-2.2 | Upstream | | 23005 |
| | | | | 23005 |
| 1986 | L4-2.2 | Upstream | | 23004 |
| | | | | 23004 |
| 1985-84 | L4-2.2 | Upstream | | 23004 |
| | | | | 24141 |
| 1983-81 | All Engs | Upstream | | 23004 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-----------------------|------------|---------------|---------------|---------|-------|
| DODGE (Cont'd) | | | | | |
| Aspen | | | | | |
| 1980-79 | All Engs | Upstream | | 23004 | |
| Avenger | | | | | |
| 2014-11 | L4-2.4 | Upstream | | 23161 | |
| | | Downstream | | 23161 | |
| | V6-3.6 | Upstream | LH | | 23162 |
| | | | RH | | 23162 |
| | | Downstream | LH | | 23161 |
| | | | RH | | 23162 |
| 2010-08 | L4-2.4 | Upstream | | 25186 | |
| | | Downstream | | 25186 | |
| | V6-2.7 | Upstream | LH | | 23159 |
| | | | RH | | 23159 |
| | | Downstream | LH | | 23159 |
| | | | RH | | 23159 |
| V6-3.5 | Upstream | LH | | 23159 | |
| | | RH | | 23159 | |
| | Downstream | LH | | 23159 | |
| | | RH | | 23159 | |
| 2000 | V6-2.5 | Upstream | LH Calif. | 23506 | |
| | | | | Federal | 23102 |
| | | | RH Calif. | 23055 | |
| | | | Federal | 23115 | |
| | | Downstream | LH Calif. | 23114 | |
| | | | | Federal | 23100 |
| | RH Calif. | | 23114 | | |
| | | | Federal | 23101 | |
| | 1999-98 | L4-2.0 | Upstream | | 23025 |
| | | | Downstream | | 23020 |
| V6-2.5 | | Upstream | LH Calif. | 23506 | |
| | | | | Federal | 23102 |
| | | | RH Calif. | 23055 | |
| | | Downstream | LH Calif. | 23114 | |
| | | | | Federal | 23100 |
| | | | RH Calif. | 23114 | |
| | | | Federal | 23101 | |
| 1997 | | L4-2.0 | Upstream | | 23025 |
| | Downstream | | | 23020 | |
| | V6-2.5 | Upstream | LH | | 23023 |
| | | | RH | | 23023 |
| | | Downstream | LH | | 23008 |
| | | | RH | | 23008 |
| 1996 | L4-2.0 | Upstream | | 23023 | |
| | | Downstream | | 23020 | |
| | V6-2.5 | Upstream | | 23023 | |
| | | Downstream | | 23001 | |
| 1995 | L4-2.0 | Upstream | | 23023 | |
| | | Downstream | | 23001 | |
| | V6-2.5 | Upstream | | 23023 | |
| | | Downstream | | 23023 | |
| Caliber | | | | | |
| 2012 | L4-2.0 | Upstream | | 23161 | |
| | | Downstream | | 23161 | |
| 2011 | L4-2.0 | Upstream | | 23161 | |
| | | Downstream | | 23161 | |
| | L4-2.4 | Upstream | | 23161 | |
| | | Downstream | | 23161 | |
| 2010 | L4-2.0 | Upstream | | 25186 | |
| | | Downstream | | 25186 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|--------|---------------|-------------------------------------|--------|
| DODGE (Cont'd) | | | | |
| Caliber (Cont'd) | | | | |
| 2010 | L4-2.4 | Upstream | | 25186 |
| | | Downstream | | 25186 |
| 2009-08 | L4-1.8 | Upstream | | 25186 |
| | | Downstream | | 25186 |
| | L4-2.0 | Upstream | | 25186 |
| | | Downstream | | 25186 |
| | L4-2.4 | Upstream | | 25186 |
| | | Downstream | Turbo | 23566 |
| | | Non-Turbo | 25186 | |
| 2007 | L4-1.8 | Upstream | | 25186 |
| | | Downstream | | 25186 |
| | L4-2.0 | Upstream | | 25186 |
| | | Downstream | | 25186 |
| | L4-2.4 | Upstream | | 25186 |
| | | Downstream | | 25186 |
| Caravan, Grand Caravan, Cargo Van, Mini Ram | | | | |
| 2018-11 | V6-3.6 | Upstream | LH | 23162 |
| | | | RH | 23162 |
| | | Downstream | LH | 23162 |
| | | | RH | 23161 |
| 2010-08 | V6-3.3 | Upstream | | 25186 |
| | | Downstream | | 23158 |
| | V6-3.8 | Upstream | | 25186 |
| | | Downstream | | 23158 |
| | V6-4.0 | Upstream | LH | 23159 |
| | | | RH | 23159 |
| | | Downstream | LH | 23159 |
| | | | RH | 23159 |
| 2007-06 | L4-2.4 | Upstream | | 23159 |
| | | Downstream | | 23158 |
| | V6-3.3 | Upstream | | 23566 |
| | | Downstream | | 23158 |
| | V6-3.8 | Upstream | | 23566 |
| | | Downstream | | 23158 |
| 2005 | L4-2.4 | Upstream | | 23159 |
| | | Downstream | | 23158 |
| | V6-3.3 | Upstream | w/o XZZ Option Code; OE #56029052AA | 23051 |
| | | | XZZ Option Code; OE #56029085AA | 23566 |
| | | Downstream | | 23158 |
| | V6-3.8 | Upstream | w/o XZZ Option Code; OE #56029052AA | 23051 |
| | | | XZZ Option Code; OE #56029085AA | 23566 |
| | | Downstream | | 23158 |
| 2004 | L4-2.4 | Upstream | | 23159 |
| | | Downstream | | 23158 |
| | V6-3.3 | Upstream | | 23051 |
| | | Downstream | | 23158 |
| | V6-3.8 | Upstream | | 23051 |
| | | Downstream | | 23158 |
| 2003 | L4-2.4 | Upstream | | 23144 |
| | | Downstream | | 23134 |
| | V6-3.3 | Upstream | | 23538 |
| | | Downstream | | 23134 |
| | V6-3.8 | Upstream | | 23538 |
| | | Downstream | | 23134 |
| 2002-01 | L4-2.4 | Upstream | | 23130 |
| | | Downstream | | 23134 |
| | V6-3.3 | Upstream | | 23538 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|------------------|------------------|-------|
| DODGE (Cont'd) | | | | | |
| Caravan, Grand Caravan, Cargo Van, Mini Ram (Cont'd) | | | | | |
| 2002-01 | V6-3.3 | Downstream | | 23134 | |
| | | Upstream | | 23538 | |
| 2000 | V6-3.8 | Downstream | | 23134 | |
| | | Upstream | | 23118 | |
| | L4-2.4 | Upstream | | 23047 | |
| | | Downstream | TLEV w/o TLEV | 23105 | |
| | V6-3.0 | Upstream | | 23506 | |
| | | Downstream | TLEV w/o TLEV | 23047 | |
| | V6-3.3 | Upstream | | 23506 | |
| | | Downstream | TLEV w/o TLEV | 23047 | |
| | V6-3.8 | Upstream | | 23506 | |
| | | Downstream | TLEV w/o TLEV | 23047 | |
| | 1999 | L4-2.4 | Upstream | | 23118 |
| | | | Downstream | TLEV w/o TLEV | 23047 |
| | | | | 23105 | |
| V6-3.0 | | Upstream | To 9/98 | 23126 | |
| | | Downstream | From 9/98 | 23506 | |
| V6-3.3 | | Upstream | | 23105 | |
| | | Downstream | TLEV w/o TLEV | 23506 | |
| V6-3.8 | | Upstream | | 23047 | |
| | | Downstream | TLEV w/o TLEV | 23105 | |
| 1998 | | L4-2.4 | Upstream | | 23118 |
| | Downstream | | | 23105 | |
| | V6-3.0 | Upstream | | 23126 | |
| | | Downstream | TLEV w/o TLEV | 23047 | |
| | V6-3.3 | Upstream | | 23506 | |
| | | Downstream | TLEV w/o TLEV | 23047 | |
| | V6-3.8 | Upstream | | 23506 | |
| | | Downstream | TLEV w/o TLEV | 23047 | |
| | 1997 | L4-2.4 | Upstream | | 23041 |
| | | | Downstream | | 23002 |
| V6-3.0 | | Upstream | | 23039 | |
| | | Downstream | TLEV w/o TLEV | 23006 | |
| V6-3.3 | | Upstream | | 23002 | |
| | | Downstream | TLEV w/o TLEV | 23002 | |
| V6-3.8 | | Upstream | | 23039 | |
| | | Downstream | TLEV w/o TLEV | 23006 | |
| 1996 | | L4-2.4 | Upstream | | 23039 |
| | | | Downstream | | 23041 |
| | V6-3.0 | Upstream | | 23039 | |
| | | Downstream | TLEV w/o TLEV | 23006 | |
| | V6-3.3 | Upstream | | 23002 | |
| | | Downstream | TLEV w/o TLEV | 23002 | |
| | V6-3.8 | Upstream | | 23039 | |
| | | Downstream | TLEV w/o TLEV | 23006 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--|------------|---------------|------------------|----------|-------|-------|
| DODGE (Cont'd) | | | | | | |
| Caravan, Grand Caravan, Cargo Van, Mini Ram (Cont'd) | | | | | | |
| 1995 | All Engs | Upstream | Round Connector | 23039 | | |
| | | | Square Connector | 23023 | | |
| 1994-89 | All Engs | Upstream | | 23023 | | |
| 1988-87 | L4-2.2 | Upstream | CARB | 23004 | | |
| | | | | 23005 | | |
| | | | | 24141 | | |
| | | | | 23005 | | |
| 1986-84 | L4-2.2 | Upstream | | 23004 | | |
| | | | | 24141 | | |
| CB Series Truck | | | | | | |
| 1980-79 | All Engs | Upstream | | 23004 | | |
| Challenger | | | | | | |
| 2018-15 | V6-3.6 | Upstream | LH | 23162 | | |
| | | | RH | 23162 | | |
| | | Downstream | LH | 23162 | | |
| | | | RH | 23161 | | |
| | | V8-5.7 | Upstream | LH | 23161 | |
| | | | | RH | 23162 | |
| | Downstream | | LH | 23162 | | |
| | | | RH | 23162 | | |
| | V8-6.2 | Upstream | LH | 27011 | | |
| | | | RH | 27029 | | |
| | | Downstream | LH | 23162 | | |
| | | | RH | 23162 | | |
| | V8-6.4 | Upstream | LH | 23161 | | |
| | | | RH | 23162 | | |
| | | Downstream | LH | 23162 | | |
| | | | RH | 23162 | | |
| | | 2014-13 | V6-3.6 | Upstream | LH | 23162 |
| | | | | | RH | 23162 |
| | Downstream | | | LH | 23162 | |
| | | | | RH | 23162 | |
| | V8-5.7 | | Upstream | LH | 23162 | |
| | | | | RH | 23162 | |
| | | Downstream | LH | 23162 | | |
| | | | RH | 23162 | | |
| V8-6.4 | Upstream | LH | 23162 | | | |
| | | RH | 23162 | | | |
| | Downstream | LH | 23162 | | | |
| | | RH | 23162 | | | |
| | 2012 | V6-3.6 | Upstream | LH | 23162 | |
| | | | | RH | 23162 | |
| Downstream | | | LH | 23162 | | |
| | | | RH | 23162 | | |
| V8-5.7 | | Upstream | LH | 23161 | | |
| | | | RH | 23161 | | |
| | | Downstream | LH | 23161 | | |
| | | | RH | 23161 | | |
| V8-6.4 | | Upstream | LH | 23161 | | |
| | | | RH | 23161 | | |
| | | Downstream | LH | 23161 | | |
| | | | RH | 23161 | | |
| 2011 | V6-3.6 | Upstream | LH | 23162 | | |
| | | | RH | 23162 | | |
| | | Downstream | LH | 23162 | | |
| | | | RH | 23162 | | |
| | V8-5.7 | Upstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| Downstream | LH | | 23159 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-----------------------|------------|---------------|---------------|------------------------------|-------------|
| DODGE (Cont'd) | | | | | |
| Challenger (Cont'd) | | | | | |
| 2011 | V8-5.7 | Downstream | RH | 23159 | |
| | | | | 23159 | |
| | | V8-6.4 | Upstream | LH | 23159 |
| | RH | | | 23159 | |
| | Downstream | | LH | 23159 | |
| | 2010 | V6-3.5 | Upstream | LH | 23159 |
| RH | | | | 23159 | |
| Downstream | | | LH | 23159 | |
| | | | RH | 23159 | |
| Downstream | | | LH | 23159 | |
| | | | RH | Calif. Federal | 23158 |
| V8-5.7 | | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | V8-6.1 | Upstream | LH | 23159 |
| | | | | RH | 23159 |
| Downstream | LH | | 23159 | | |
| | | RH | 23159 | | |
| 2009 | V6-3.5 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | O2 w/12" Lgth; Black OE Plug | 23159 |
| | | Downstream | RH | O2 w/18" Lgth; Gray OE Plug | 23158 |
| | | | | | |
| | V8-5.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | V8-6.1 | Upstream | LH | 23159 |
| | | | | RH | 23159 |
| Downstream | LH | | 23159 | | |
| | | RH | 23159 | | |
| 2008 | V8-6.1 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| 1983-80 | L4-2.6 | Upstream | | 23004 | |
| Charger | | | | | |
| 2018-17 | V6-3.6 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 5-Speed A/T | 23162 |
| | | Downstream | RH | 8-Speed A/T | 23161 |
| | | | | | |
| | V8-5.7 | Upstream | LH | 23161 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | V8-6.2 | Upstream | LH | 27011 |
| | | | | RH | 27029 |
| | Downstream | LH | | 23162 | |
| | | | RH | 23162 | |
| | V8-6.4 | Upstream | LH | 23161 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| V8-6.4 | | Upstream | LH | 23161 | |
| | | | RH | 23162 | |
| Downstream | LH | | 23162 | | |
| | | RH | 23162 | | |
| 2016-15 | V6-3.6 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 5-Speed A/T | 23162 |
| | | Downstream | LH | | 23162 |
| | | | | RH | 8-Speed A/T |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|------------|---------------|---------------|----------------------------|----------------|
| DODGE (Cont'd) | | | | | |
| Charger (Cont'd) | | | | | |
| 2016-15 | V8-5.7 | Upstream | LH | 23161 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| | V8-6.2 | Upstream | LH | 27011 | |
| | | | RH | 27011 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| | V8-6.4 | Upstream | LH | 23161 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| 2014-13 | V6-3.6 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 5-Speed A/T 8-Speed A/T | 23162 23161 |
| | V8-5.7 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| | V8-6.4 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| 2012 | V6-3.6 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| | V8-5.7 | Upstream | LH | 23161 | |
| | | | RH | 23161 | |
| | | Downstream | LH | 23161 | |
| | | | RH | 23161 | |
| | V8-6.4 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| 2011 | V6-3.6 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| | V8-5.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | 2010 | V6-2.7 | Upstream | LH | 23159 |
| | | | | RH | 23159 |
| | | | Downstream | LH | 23159 |
| | | | | RH | 23158 |
| V6-3.5 | | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| V8-5.7 | | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| V8-6.1 | Upstream | LH | 23159 | | |
| | | RH | 23159 | | |
| | Downstream | LH | 23159 | | |
| | | RH | 23159 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|------------|---------------|---------------|---|----------------|
| DODGE (Cont'd) | | | | | |
| Charger (Cont'd) | | | | | |
| 2010 | V8-6.1 | Downstream | RH | 23159 | |
| 2009 | V6-2.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23158 | |
| | V6-3.5 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | O2 w/12" Lgth; Black OE Plug O2 w/18" Lgth; Gray OE Plug | 23159 23158 |
| | V8-5.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| 2008 | V6-2.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23158 | |
| | V6-3.5 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | V8-5.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| V8-6.1 | Upstream | LH | 23159 | | |
| | | RH | 23159 | | |
| | Downstream | LH | 23159 | | |
| | | RH | 23159 | | |
| 2007 | V6-2.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | V6-3.5 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | Calif. Federal | 23158 23159 |
| | V8-5.7 | Upstream | LH | To 7/28/06 | 23159 |
| | | | RH | From 7/28/06 | 23030 |
| | | Downstream | LH | To 7/28/06 | 23159 |
| | | | RH | From 7/28/06 | 23030 |
| V8-6.1 | Upstream | LH | To 7/28/06 | 23159 | |
| | | RH | From 7/28/06 | 23030 | |
| | Downstream | LH | To 7/28/06 | 23159 | |
| | | RH | From 7/28/06 | 23030 | |
| 2006 | V6-2.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | V6-3.5 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|------------|---------------|---------------------------|-----------|----------|
| DODGE (Cont'd) | | | | | |
| Charger (Cont'd) | | | | | |
| 2006 | V6-3.5 | Upstream | RH | 23159 | |
| | | | LH | 23159 | |
| | | Downstream | RH | 23159 | |
| | V8-5.7 | Upstream | LH | 23160 | |
| | | | RH | 23160 | |
| | | Downstream | LH | 23159 | |
| | V8-6.1 | Upstream | LH | 23160 | |
| | | | RH | 23160 | |
| | | Downstream | LH | 23159 | |
| | 1987 | L4-2.2 | Upstream | Turbo | 23005 |
| | | | | Non-Turbo | 23004 |
| | | | 1986-83 | All Engs | Upstream |
| Colt | | | | | |
| 1995 | L4-1.5 | Upstream | | 24058 | |
| | | Intermediate | Loc. After Primary Cat. | 24052 | |
| | | Downstream | Loc. After Scndary Cat. | 24031 | |
| 1994 | L4-1.5 | Upstream | Calif. | 24052 | |
| | | | Federal | 24109 | |
| | | Downstream | Calif. | 24031 | |
| | L4-1.8 | Upstream | Calif. | 23001 | |
| | | | Federal | 24109 | |
| | Downstream | Calif. | 23515 | | |
| L4-2.4 | | Upstream | 23514 | | |
| | Downstream | 23513 | | | |
| 1993 | L4-1.5 | Upstream | Calif. | 24052 | |
| | | | Federal | 24109 | |
| | | Downstream | Calif. | 24031 | |
| | L4-1.8 | Upstream | Calif. | 23001 | |
| | | | Federal | 24109 | |
| | | Downstream | Calif. | 23515 | |
| L4-2.4 | Upstream | Calif. | 23514 | | |
| | | Federal | 24109 | | |
| | Downstream | Calif. | 23559 | | |
| 1992 | L4-1.5 | Upstream | | 24109 | |
| | L4-1.8 | Upstream | | 24109 | |
| 1991 | L4-1.5 | Upstream | A/T | 24109 | |
| | | | M/T | 24102 | |
| | L4-2.0 | Upstream | Calif. | 24102 | |
| 1990 | L4-1.5 | Upstream | Calif; A/T | 24102 | |
| | | | Federal; A/T | 24086 | |
| | | | M/T | 24102 | |
| | | | | 24102 | |
| | L4-1.6 | Upstream | Turbo | 24086 | |
| | | | Non-Turbo; Calif. | 24102 | |
| | | | Non-Turbo; Federal | 24086 | |
| L4-1.8 | Upstream | | 24086 | | |
| L4-2.0 | Upstream | Calif. | 24102 | | |
| | | Federal | 23557 | | |
| 1989 | L4-1.5 | Upstream | Calif. | 24102 | |
| | | | Federal | 24086 | |
| | L4-1.6 | Upstream | Turbo; VIN F | 24086 | |
| | | | Turbo; VIN Z | 24533 | |
| | | | Non-Turbo; VIN Y; Calif. | 24102 | |
| | | | Non-Turbo; VIN Y; Federal | 24086 | |
| | L4-1.8 | Upstream | | 24086 | |
| | L4-2.0 | Upstream | Calif. | 24102 | |
| Federal | | | 23557 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|---------------|----------|-------|
| DODGE (Cont'd) | | | | | |
| Colt (Cont'd) | | | | | |
| 1988 | L4-1.5 | Upstream | | 24086 | |
| | | | L4-1.6 | Upstream | 24086 |
| | | L4-2.0 | Upstream | 24086 | |
| 1987 | L4-1.5 | Upstream | | 24086 | |
| | | | L4-1.6 | Upstream | 24086 |
| | L4-2.0 | Upstream | To 10/86 | 24141 | |
| | | | From 10/86 | 24086 | |
| 1986-84 | All Engs | Upstream | | 24141 | |
| 1983-80 | All Engs | Upstream | | 23004 | |
| Conquest | | | | | |
| 1986-84 | L4-2.6 | Upstream | | 23500 | |
| D50, Ram 50 (Incl. Power Ram 50) | | | | | |
| 1993 | L4-2.4 | Upstream | Calif; A/T | 23519 | |
| | | | Calif; M/T | 23514 | |
| | | Federal | 23501 | | |
| | | Downstream | Calif. | 23520 | |
| 1992 | L4-2.4 | Upstream | | 23501 | |
| 1991 | L4-2.4 | Upstream | | 23501 | |
| | | V6-3.0 | Upstream | 23519 | |
| 1990 | L4-2.4 | Upstream | Calif. | 23501 | |
| | | | Federal | 24122 | |
| | V6-3.0 | Upstream | | 23519 | |
| 1989-84 | L4-2.0 | Upstream | | 24141 | |
| | | | L4-2.6 | Upstream | 24141 |
| 1983 | L4-2.0 | Upstream | | 23004 | |
| | | | L4-2.6 | Upstream | 23004 |
| 1982-80 | All Engs | Upstream | | 23004 | |
| D, W Series Pickup | | | | | |
| 1993-90 | V6-3.9 | Upstream | | 23023 | |
| | | | V8-5.2 | Upstream | 23023 |
| | | | V8-5.9 | Upstream | 23023 |
| 1989 | V6-3.9 | Upstream | | 23148 | |
| | | | V8-5.2 | Upstream | 23023 |
| | | | V8-5.9 | Upstream | 23023 |
| 1988 | V6-3.9 | Upstream | | 23148 | |
| | | | V8-5.2 | Upstream | 23005 |
| | | | V8-5.9 | Upstream | 23023 |
| 1987-79 | All Engs | Upstream | | 23004 | |
| Dakota | | | | | |
| 2010-08 | V6-3.7 | Upstream | LH | 23159 | |
| | | | RH | 23158 | |
| | | Downstream | LH | 23158 | |
| | | | RH | 23158 | |
| | V8-4.7 | Upstream | LH | 23159 | |
| | | | RH | 23158 | |
| Downstream | | LH | 23158 | | |
| | | RH | 23158 | | |
| 2007 | V6-3.7 | Upstream | LH | 23159 | |
| | | | RH | 23158 | |
| | | Downstream | LH | 23158 | |
| | | | RH | 23158 | |
| | V8-4.7 | Upstream | LH | 23556 | |
| | | | RH | 23556 | |
| Downstream | | LH | 23527 | | |
| | | RH | 23527 | | |
| 2006 | V6-3.7 | Upstream | LH | 23160 | |
| | | | RH | 23018 | |
| | Downstream | LH | 23158 | | |
| | | RH | 23159 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------|
| DODGE (Cont'd) | | | | | |
| Dakota (Cont'd) | | | | | |
| 2006 | V8-4.7 | Upstream | LH | 23556 | |
| | | | RH | 23556 | |
| Downstream | | LH | 23527 | | |
| | | RH | 23527 | | |
| 2005 | V6-3.7 | Upstream | LH | 23160 | |
| | | | RH | 23160 | |
| | | Downstream | LH | 23158 | |
| | | | RH | 23159 | |
| | V8-4.7 | Upstream | LH | 23556 | |
| | | | RH | 23556 | |
| Downstream | LH | 23527 | | | |
| | RH | 23556 | | | |
| 2004 | V6-3.7 | Upstream | LH | 23135 | |
| | | | RH | 23135 | |
| | | Downstream | LH | 23132 | |
| | | | RH | 23132 | |
| | V8-4.7 | Upstream | LH | 23527 | |
| | | | RH | 23527 | |
| Downstream | LH | 23556 | | | |
| | RH | 23527 | | | |
| 2003 | V6-3.9 | Upstream | Quad Cab; Federal | 23138 | |
| | | | LH | Quad Cab; Calif. | 23137 |
| | | | Exc. Quad Cab (Std & Ext'd) | 23137 | |
| | | | RH | Quad Cab; Calif. | 23135 |
| | | Exc. Quad Cab (Std & Ext'd) | 23135 | | |
| | | Downstream | Quad Cab | 23141 | |
| | | | LH | Exc. Quad Cab (Std & Ext'd) | 23132 |
| | | RH | Exc. Quad Cab (Std & Ext'd) | 23132 | |
| | | V8-4.7 | Upstream | LH | 23527 |
| | | | | RH | 23527 |
| | Downstream | LH | A/T | 23556 | |
| | | RH | M/T | 23527 | |
| | V8-5.9 | Upstream | LH | Quad Cab; Calif. | 23137 |
| | | | Quad Cab; Federal | 23138 | |
| | | | Exc. Quad Cab (Std & Ext'd) | 23137 | |
| | | | RH | Quad Cab; Calif. | 23135 |
| | | Quad Cab; Federal | 23138 | | |
| | | Exc. Quad Cab (Std & Ext'd) | 23135 | | |
| Downstream | | LH | Quad Cab; Calif. | 23132 | |
| | | Quad Cab; Federal | 23141 | | |
| Exc. Quad Cab (Std & Ext'd) | | 23132 | | | |
| RH | | Quad Cab; Calif. | 23132 | | |
| Quad Cab; Federal | 23141 | | | | |
| Exc. Quad Cab (Std & Ext'd) | 23132 | | | | |
| 2002 | L4-2.5 | Upstream | | 23138 | |
| | | Downstream | | 23141 | |
| | V6-3.9 | Upstream | Quad Cab; Federal | 23138 | |
| | | | LH | Quad Cab; Calif. | 23137 |
| | | | Exc. Quad Cab (Std & Ext'd) | 23137 | |
| | | | RH | Quad Cab; Calif. | 23135 |
| | | Exc. Quad Cab (Std & Ext'd) | 23135 | | |
| | | Downstream | Quad Cab; Federal | 23141 | |
| | | | LH | Quad Cab; Calif. | 23132 |
| | | Exc. Quad Cab (Std & Ext'd) | 23132 | | |
| | RH | Quad Cab; Calif. | 23132 | | |
| | Exc. Quad Cab (Std & Ext'd) | 23132 | | | |
| V8-4.7 | Upstream | LH | 23533 | | |
| | | RH | 23533 | | |
| Downstream | LH | A/T | 23537 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-----------------------------|------------------|-----------------------------|-----------------------------|------------------|-------|
| DODGE (Cont'd) | | | | | |
| Dakota (Cont'd) | | | | | |
| 2002 | V8-4.7 | Downstream | LH | M/T | 23544 |
| | | | RH | | 23544 |
| | V8-5.9 | Upstream | Quad Cab; Federal | 23138 | |
| | | | LH | Quad Cab; Calif. | 23137 |
| | | | Exc. Quad Cab (Std & Ext'd) | 23137 | |
| | | | RH | Quad Cab; Calif. | 23135 |
| | | Exc. Quad Cab (Std & Ext'd) | 23135 | | |
| | | Downstream | Quad Cab; Federal | 23141 | |
| | | | LH | Quad Cab; Calif. | 23132 |
| | | Exc. Quad Cab (Std & Ext'd) | 23132 | | |
| RH | Quad Cab; Calif. | 23132 | | | |
| Exc. Quad Cab (Std & Ext'd) | 23132 | | | | |
| 2001 | L4-2.5 | Upstream | | 23138 | |
| | | Downstream | | 23141 | |
| | V6-3.9 | Upstream | Federal; 12" Lgth | 23135 | |
| | | | Federal; 18" Lgth | 23137 | |
| | | | LH | Calif. | 23137 |
| | | RH | Calif. | 23135 | |
| | | Downstream | Federal; 12 or 18" Lgth | 23132 | |
| | | | LH | Calif. | 23132 |
| | RH | Calif. | 23132 | | |
| | V8-4.7 | Upstream | LH | | 23533 |
| | | | RH | | 23533 |
| | | Downstream | LH | A/T | 23537 |
| RH | | | M/T | 23544 | |
| V8-5.9 | Upstream | Federal; 12" Lgth | 23135 | | |
| | | Federal; 18" Lgth | 23137 | | |
| | | LH | Calif. | 23137 | |
| | RH | Calif. | 23135 | | |
| | Downstream | Federal; 12 or 18" Lgth | 23132 | | |
| | | LH | Calif. | 23132 | |
| RH | Calif. | 23132 | | | |
| 2000 | L4-2.5 | Upstream | | 23506 | |
| | | Downstream | | 23099 | |
| | V6-3.9 | Upstream | | 23506 | |
| | | Downstream | | 23099 | |
| | V8-4.7 | Upstream | LH | | 23511 |
| | | | RH | | 23511 |
| | Downstream | Federal | 23509 | | |
| | | LH | Calif. | 23509 | |
| | RH | Calif. | 23509 | | |
| | V8-5.9 | Upstream | | 23506 | |
| | | Downstream | | 23099 | |
| | 1999-98 | L4-2.5 | Upstream | | 23506 |
| Downstream | | | | 23099 | |
| V6-3.9 | | Upstream | | 23506 | |
| | | Downstream | | 23099 | |
| V8-5.2 | | Upstream | | 23506 | |
| | | Downstream | | 23099 | |
| V8-5.9 | Upstream | LH | | 23506 | |
| | | RH | | 23151 | |
| Downstream | | 23099 | | | |
| 1997 | L4-2.5 | Upstream | | 23506 | |
| | | Downstream | | 23099 | |
| | V6-3.9 | Upstream | | 23506 | |
| | | Downstream | | 23099 | |
| V8-5.2 | Upstream | | 23506 | | |
| | Downstream | | 23099 | | |
| 1996 | L4-2.5 | Upstream | | 23506 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|------------|---------------|---------------|--------|-------|
| DODGE (Cont'd) | | | | | |
| Dakota (Cont'd) | | | | | |
| 1996 | L4-2.5 | Downstream | | 23014 | |
| | | Upstream | | 23506 | |
| | V6-3.9 | Downstream | | 23014 | |
| | | Upstream | | 23506 | |
| | | Downstream | | 23014 | |
| 1995-94 | L4-2.5 | Upstream | | 23023 | |
| | | Upstream | | 23023 | |
| | | Upstream | | 23023 | |
| 1993-89 | All Engs | Upstream | O2 w/18" Lgth | 23023 | |
| | | | O2 w/34" Lgth | 23148 | |
| 1988 | L4-2.2 | Upstream | | 23005 | |
| | V6-3.9 | Upstream | | 23148 | |
| 1987 | L4-2.2 | Upstream | | 23005 | |
| | V6-3.9 | Upstream | | 23004 | |
| Dart | | | | | |
| 2016-15 | L4-1.4 | Upstream | | 27020 | |
| | | Downstream | | 23164 | |
| | L4-2.0 | Upstream | | 23165 | |
| | | Downstream | | 23162 | |
| | L4-2.4 | Upstream | | 27003 | |
| | | Downstream | | 23162 | |
| 2014-13 | L4-1.4 | Upstream | | 24394 | |
| | | Downstream | | 23164 | |
| | L4-2.0 | Upstream | | 23165 | |
| | | Downstream | | 23162 | |
| | L4-2.4 | Upstream | | 27003 | |
| | | Downstream | | 23162 | |
| Daytona | | | | | |
| 1993-89 | All Engs | Upstream | | 23023 | |
| 1988-87 | L4-2.2 | Upstream | | 23005 | |
| | L4-2.5 | Upstream | | 23005 | |
| 1986-84 | All Engs | Upstream | | 23004 | |
| Diplomat | | | | | |
| 1989-79 | All Engs | Upstream | | 23004 | |
| Durango | | | | | |
| 2018 | V6-3.6 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23161 | |
| | | | RH | 23162 | |
| | | V8-5.7 | Upstream | LH | 23162 |
| | | | | RH | 23162 |
| | Downstream | | LH | 23162 | |
| | | | RH | 23162 | |
| | V8-6.4 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| 2017-16 | | V6-3.6 | Upstream | LH | 23162 |
| | | | | RH | 23162 |
| | Downstream | | LH | 23161 | |
| | | RH | 23162 | | |
| | V8-5.7 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| Downstream | | LH | 23162 | | |
| | RH | 23162 | | | |
| 2015-14 | V6-3.6 | Upstream | LH | 23161 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23161 | |
| | | | RH | 23162 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|------------|---------------|---------------|--------|-------|
| DODGE (Cont'd) | | | | | |
| Durango (Cont'd) | | | | | |
| 2015-14 | V8-5.7 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| 2013-12 | V6-3.6 | Upstream | LH | 23161 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | RH | | 23162 | | |
| | V8-5.7 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| Downstream | | LH | 23162 | | |
| | | RH | 23162 | | |
| 2011 | | V6-3.6 | Upstream | LH | 23162 |
| | | | | RH | 23162 |
| | Downstream | | LH | 23162 | |
| | | RH | 23162 | | |
| | V8-5.7 | Upstream | LH | 23070 | |
| | | | RH | 23070 | |
| Downstream | | LH | 23070 | | |
| | | RH | 23070 | | |
| 2009 | | V6-3.7 | Upstream | LH | 23159 |
| | | | | RH | 23159 |
| | Downstream | | LH | 23158 | |
| | | | RH | 23158 | |
| | V8-4.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23158 | |
| | | | RH | 23158 | |
| | V8-5.7 | Upstream | LH Gas | 23159 | |
| | | | Hybrid | 23158 | |
| | | RH Gas | 23159 | | |
| | | | Hybrid | 23158 | |
| Downstream | LH Gas | 23159 | | | |
| | | Hybrid | 23158 | | |
| | RH Gas | 23159 | | | |
| | | Hybrid | 23158 | | |
| 2008 | V6-3.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23158 | |
| | | | RH | 23158 | |
| | V8-4.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23158 | |
| | | | RH | 23158 | |
| | V8-5.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| 2007 | V6-3.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23158 | |
| | | | RH | 23158 | |
| | V8-4.7 | Upstream | LH | 23556 | |
| | | | RH | 23556 | |
| | | Downstream | LH | 23527 | |
| | | | RH | 23527 | |
| | V8-5.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------|--------|---------------|--|---------------------------------------|
| DODGE (Cont'd) | | | | |
| Durango (Cont'd) | | | | |
| 2006 | V6-3.7 | Upstream | LH | 23160 |
| | | | RH | 23160 |
| | | Downstream | LH | 23159 |
| | | | RH | 23159 |
| | V8-4.7 | Upstream | LH | 23556 |
| | | | RH | 23556 |
| | | Downstream | LH | 23527 |
| | | | RH | 23556 |
| | V8-5.7 | Upstream | LH | 23160 |
| | | | RH | 23160 |
| | | Downstream | LH | 23159 |
| | | | RH | 23159 |
| 2005 | V6-3.7 | Upstream | LH | 23160 |
| | | | RH | 23160 |
| | | Downstream | LH | 23158 |
| | | | RH | 23159 |
| | V8-4.7 | Upstream | LH | 23556 |
| | | | RH | 23556 |
| | | Downstream | LH | 23527 |
| | | | RH | 23556 |
| | V8-5.7 | Upstream | LH | 23160 |
| | | | RH | 23160 |
| | | Downstream | LH | O2 w/12" Lgth; Black OE Plug 23159 |
| | | | RH | O2 w/18" Lgth; Gray OE Plug 23158 |
| 2004 | V6-3.7 | Upstream | LH | 23135 |
| | | | RH | 23135 |
| | | Downstream | LH | 23132 |
| | | | RH | 23132 |
| | V8-4.7 | Upstream | LH | 23527 |
| | | | RH | 23527 |
| | | Downstream | LH | 23556 |
| | | | RH | 23527 |
| | V8-5.7 | Upstream | LH | 23135 |
| | | | RH | 23135 |
| | | Downstream | LH | RWD 23132 |
| | | | RH | 4WD 23069 |
| 2003 | V8-4.7 | Upstream | Federal | 23527 |
| | | | LH Calif. | 23527 |
| | | | RH Calif. | 23527 |
| | | Downstream | Federal | 23527 |
| | | | LH Calif. | 23556 |
| | | | RH Calif. | 23527 |
| | V8-5.9 | Upstream | Federal | 23138 |
| | | | LH Calif. | 23137 |
| | | | RH Calif. | 23135 |
| | | Downstream | Federal | 23141 |
| | | | LH Calif. | 23132 |
| | | | RH Calif. | 23132 |
| 2002 | V8-4.7 | Upstream | Federal; w/Current Gen. Eng. Controller | 23533 |
| | | | Federal; w/Next Gen. Eng. Controller | 23527 |
| | | | LH Calif; w/Current Gen. Eng. Controller | 23533 |
| | | | Calif; w/Next Gen. Eng. Controller | 23527 |
| | | Downstream | Calif; w/Current Gen. Eng. Controller | 23533 |
| | | | Calif; w/Next Gen. Eng. Controller | 23527 |
| | | | LH Calif; w/Current Gen. Eng. Controller | 23533 |
| | | | Calif; w/Next Gen. Eng. Controller | 23527 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|----------------|---------------|---------------|------------|-------|
| DODGE (Cont'd) | | | | | |
| Durango (Cont'd) | | | | | |
| 2002 | V8-4.7 | Downstream | Federal | 23544 | |
| | | | LH Calif. | 23537 | |
| | | Upstream | RH Calif. | 23544 | |
| | | | Federal | 23138 | |
| | V8-5.9 | Upstream | LH Calif. | 23137 | |
| | | | RH Calif. | 23135 | |
| | | Downstream | Federal | 23141 | |
| | | | LH Calif. | 23132 | |
| | 2001 | V8-4.7 | Upstream | Federal | 23533 |
| | | | | LH Calif. | 23533 |
| | | | Downstream | RH Calif. | 23533 |
| | | | | Federal | 23544 |
| V8-5.9 | | Upstream | LH Calif. | 23537 | |
| | | | RH Calif. | 23544 | |
| | | Downstream | Federal | 23533 | |
| | | | LH Calif. | 23137 | |
| 2000 | | V8-4.7 | Upstream | LH | 23511 |
| | | | | RH | 23511 |
| | | | Downstream | LH | 23509 |
| | | | | RH | 23509 |
| | V8-5.2 | Upstream | | 23506 | |
| | | | Downstream | 23099 | |
| | | V8-5.9 | Upstream | | 23506 |
| | | | | Downstream | 23099 |
| | 1999-98 | All Eng | Upstream | 23506 | |
| | | | Downstream | 23099 | |
| | Dynasty | | | | |
| | 1993-89 | All Eng | Upstream | | 23023 |
| 1988 | L4-2.5 | Upstream | | 23005 | |
| | V6-3.0 | Upstream | | 23005 | |
| Intrepid | | | | | |
| 2004-03 | V6-2.7 | Upstream | LH | 23145 | |
| | | | RH | 23145 | |
| | | Downstream | LH | 23133 | |
| | | | RH | 23133 | |
| | | V6-3.5 | Upstream | LH | 23145 |
| | | | | RH | 23145 |
| | Downstream | | LH | 23133 | |
| | | | RH | 23133 | |
| | 2002 | V6-2.7 | Upstream | LH | 23131 |
| | | | | RH | 23131 |
| | | | Downstream | LH | 23133 |
| | | | | RH | 23133 |
| V6-3.5 | | Upstream | LH | 23131 | |
| | | | RH | 23131 | |
| | Downstream | LH | 23133 | | |
| | | RH | 23133 | | |
| 2001 | V6-2.7 | Upstream | LH | 23133 | |
| | | | RH | 23133 | |
| | | Downstream | LH | 23133 | |
| | | | RH | 23133 | |
| | V6-3.2 | Upstream | LH | 23133 | |
| | | | RH | 23133 | |
| Downstream | | LH | 23133 | | |
| | | | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--------------------------|----------|---------------|-----------------|--------|
| DODGE (Cont'd) | | | | |
| Intrepid (Cont'd) | | | | |
| 2001 | V6-3.2 | Downstream | RH | 23133 |
| | | Upstream | LH | 23133 |
| | V6-3.5 | Upstream | RH | 23133 |
| | | Downstream | LH | 23133 |
| 2000 | V6-2.7 | Upstream | LH | 23128 |
| | | Downstream | RH | 23128 |
| | | Upstream | LH | 23128 |
| | | Downstream | RH | 23128 |
| | V6-3.2 | Upstream | LH | 23128 |
| | | Downstream | RH | 23128 |
| | | Upstream | LH | 23128 |
| | | Downstream | RH | 23128 |
| | V6-3.5 | Upstream | LH | 23128 |
| | | Downstream | RH | 23128 |
| | | Upstream | LH | 23128 |
| | | Downstream | RH | 23128 |
| 1999-98 | V6-2.7 | Upstream | LH | 23048 |
| | | Downstream | RH | 23048 |
| | | Upstream | LH | 23048 |
| | | Downstream | RH | 23048 |
| | V6-3.2 | Upstream | LH | 23048 |
| | | Downstream | RH | 23048 |
| | | Upstream | LH | 23048 |
| | | Downstream | RH | 23048 |
| 1997-96 | V6-3.3 | Upstream | | 23039 |
| | | Downstream | | 23007 |
| | V6-3.5 | Upstream | LH | 23039 |
| | | Downstream | RH | 23039 |
| | | Upstream | LH | 23007 |
| | | Downstream | RH | 23007 |
| 1995-93 | All Engs | Upstream | Round Plug | 23039 |
| | | Upstream | Square Plug | 23023 |
| Journey | | | | |
| 2018-12 | L4-2.4 | Upstream | | 23161 |
| | | Downstream | | 23161 |
| | V6-3.6 | Upstream | LH | 23162 |
| | | Downstream | RH | 23162 |
| | | Upstream | LH | 23161 |
| | | Downstream | RH | 23162 |
| 2011 | L4-2.4 | Upstream | | 23161 |
| | | Downstream | | 23161 |
| | V6-3.6 | Upstream | LH | 23162 |
| | | Downstream | RH | 23162 |
| | | Upstream | LH To 11/8/10 | 23162 |
| | | Downstream | RH From 11/8/10 | 23161 |
| 2010-09 | L4-2.4 | Upstream | | 25186 |
| | | Downstream | | 25186 |
| | V6-3.5 | Upstream | LH | 23159 |
| | | Downstream | RH | 23159 |
| | | Upstream | LH | 23159 |
| | | Downstream | RH | 23159 |
| Lancer | | | | |
| 1989 | L4-2.2 | Upstream | | 23023 |
| | | Upstream | | 23023 |
| 1988-87 | L4-2.2 | Upstream | | 23005 |
| | | Upstream | | 23005 |
| 1986-85 | All Engs | Upstream | | 23004 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-----------------------|------------|---------------|----------------------------|----------------------------|----------------|
| DODGE (Cont'd) | | | | | |
| Magnum | | | | | |
| 2008 | V6-2.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23158 | |
| | | V6-3.5 | Upstream | LH | 23159 |
| | | | | RH | 23159 |
| | Downstream | | LH | 23159 | |
| | | | RH | 23159 | |
| | V8-5.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | V8-6.1 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | 2007 | V6-2.7 | Upstream | LH | 23159 |
| | | | | RH | 23159 |
| Downstream | | | LH | 23159 | |
| | | | RH | 23159 | |
| V6-3.5 | | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | Calif. Federal | 23158 23159 |
| V8-5.7 | | Upstream | LH | To 7/28/06 From 7/28/06 | 23159 23030 |
| | | | RH | To 7/28/06 From 7/28/06 | 23159 23030 |
| | | Downstream | LH | | 23159 |
| | | | RH | | 23158 |
| V8-6.1 | Upstream | LH | To 7/28/06 From 7/28/06 | 23159 23030 | |
| | | RH | To 7/28/06 From 7/28/06 | 23159 23030 | |
| | Downstream | LH | | 23159 | |
| | | RH | | 23158 | |
| 2006 | V6-2.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | V6-3.5 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | V8-5.7 | Upstream | LH | 23160 | |
| | | | RH | 23160 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23158 | |
| V8-6.1 | Upstream | LH | 23160 | | |
| | | RH | 23160 | | |
| | Downstream | LH | 23159 | | |
| | | RH | 23158 | | |
| 2005 | V6-2.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | V6-3.5 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------------------|------------|----------------|-----------------|---------------|
| DODGE (Cont'd) | | | | |
| Magnum (Cont'd) | | | | |
| 2005 | V6-3.5 | Downstream | RH | 23159 |
| | | Upstream | LH | 23160 |
| | V8-5.7 | | RH | 23160 |
| | | Downstream | LH | 23159 |
| | | | RH | 23158 |
| Mirada | | | | |
| 1983-80 | All Engs | Upstream | | 23004 |
| Monaco, Royal Monaco | | | | |
| 1992-91 | V6-3.0 | Upstream | | 23032 |
| 1990 | V6-3.0 | Upstream | | 23553 |
| Neon, SX 2.0 | | | | |
| 2005 | L4-2.0 | Upstream | | 23158 |
| | | Downstream | O2 w/10.5" Lgth | 23125 |
| | | | O2 w/24" Lgth | 23155 |
| | L4-2.4 | Upstream | | 23159 |
| | | Downstream | | 23125 |
| | 2004 | L4-2.0 | Upstream | O2 w/15" Lgth |
| Downstream | | | O2 w/18" Lgth | 23158 |
| L4-2.4 | | Upstream | | 23159 |
| | | Downstream | | 23125 |
| 2003 | L4-2.0 | Upstream | | 23143 |
| | | Downstream | | 23125 |
| | L4-2.4 | Upstream | | 23143 |
| | | Downstream | | 23125 |
| 2002-01 | L4-2.0 | Upstream | | 23512 |
| | | Downstream | Calif; VIN C | 23098 |
| | | Federal; VIN C | 23124 | |
| | | VIN F | 23124 | |
| 2000 | L4-2.0 | Upstream | Federal | 23127 |
| | | | ULEV | 23512 |
| | Downstream | Federal | 23123 | |
| | | ULEV | 23098 | |
| 1999-98 | L4-2.0 | Upstream | | 23126 |
| Downstream | | | 23097 | |
| 1997 | L4-2.0 | Upstream | | 23039 |
| | | Downstream | | 23097 |
| 1996-95 | L4-2.0 | Upstream | | 23023 |
| | | Downstream | | 23094 |
| Nitro | | | | |
| 2011-07 | All Engs | Upstream | LH | 23159 |
| | | | RH | 23159 |
| | | Downstream | LH | 23159 |
| | | | RH | 23159 |
| Omni | | | | |
| 1990-89 | L4-2.2 | Upstream | | 23023 |
| 1988 | L4-2.2 | Upstream | | 23005 |
| 1987 | L4-2.2 | Upstream | | 23004 |
| 1986 | L4-1.6 | Upstream | | 23004 |
| | L4-2.2 | Upstream | CARB | 23004 |
| | | | FI | 23005 |
| 1985-80 | All Engs | Upstream | | 23004 |
| Raider | | | | |
| 1989 | L4-2.6 | Upstream | | 24141 |
| | V6-3.0 | Upstream | | 24129 |
| 1988-87 | L4-2.6 | Upstream | | 24141 |
| Ram A, B Series Van / Truck | | | | |
| 2003 | V6-3.9 | Upstream | | 23138 |
| | | Downstream | | 23140 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|------------------|--------|-------|
| DODGE (Cont'd) | | | | | |
| Ram A, B Series Van / Truck (Cont'd) | | | | | |
| 2003 | V8-5.2 | Upstream | | 23138 | |
| | | Downstream | | 23140 | |
| | V8-5.9 | Upstream | | 23138 | |
| | | Downstream | | 23140 | |
| 2002-01 | V6-3.9 | Upstream | | 23138 | |
| | | Downstream | | 23140 | |
| | V8-5.2 | Upstream | | 23138 | |
| | | Downstream | | 23140 | |
| | V8-5.9 | Upstream | Federal | 23138 | |
| | | | LH Calif. | 23135 | |
| | | RH Calif. | 23135 | | |
| | Downstream | Calif. | 23132 | | |
| | | Federal | 23140 | | |
| 2000-97 | V6-3.9 | Upstream | | 23506 | |
| | | Downstream | | 23099 | |
| | V8-5.2 | Upstream | | 23506 | |
| | | Downstream | | 23099 | |
| | V8-5.9 | Upstream | | 23506 | |
| | | Downstream | | 23099 | |
| 1996 | V6-3.9 | Upstream | | 23506 | |
| | | Downstream | | 23014 | |
| | V8-5.2 | Upstream | | 23506 | |
| | | Downstream | | 23014 | |
| | V8-5.9 | Upstream | | 23506 | |
| | | Downstream | | 23014 | |
| 1995-90 | V6-3.9 | Upstream | | 23023 | |
| | V8-5.2 | Upstream | | 23023 | |
| | V8-5.9 | Upstream | | 23023 | |
| 1989 | V6-3.9 | Upstream | | 23035 | |
| | V8-5.2 | Upstream | | 23023 | |
| | V8-5.9 | Upstream | | 23023 | |
| 1988 | V6-3.9 | Upstream | | 23035 | |
| | V8-5.2 | Upstream | | 23005 | |
| | V8-5.9 | Upstream | | 23023 | |
| 1987-79 | All Engs | Upstream | | 23004 | |
| Ramcharger | | | | | |
| 1993-89 | V8-5.2 | Upstream | | 23023 | |
| | V8-5.9 | Upstream | | 23023 | |
| 1988 | V8-5.2 | Upstream | | 23005 | |
| | V8-5.9 | Upstream | | 23023 | |
| 1987-79 | All Engs | Upstream | | 23004 | |
| Rampage | | | | | |
| 1984-82 | L4-2.2 | Upstream | | 23004 | |
| Ram Pickup | | | | | |
| 2010 | L6-6.7 | Upstream | w/ 2 O2s; Diesel | 24325 | |
| | | Downstream | w/ 2 O2s; Diesel | 24325 | |
| | V6-3.7 | Upstream | LH | | 23159 |
| | | | RH | | 23159 |
| | | Downstream | LH | | 23158 |
| | | | RH | | 23159 |
| | V8-4.7 | Upstream | LH | | 23159 |
| | | | RH | | 23158 |
| | | Downstream | LH | 4WD | 23159 |
| | | | RWD | | 23158 |
| | V8-5.7 | Upstream | RH | 4WD | 23159 |
| | | | RWD | | 23158 |
| Downstream | | LH | Ram 1500 | 23159 | |
| | | RH | Ram 2500 | 23158 | |
| | | | Ram 2500 | 23159 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------------|--------|----------------------------|-------------------------------|-------------------------------|-------|
| DODGE (Cont'd) | | | | | |
| Ram Pickup (Cont'd) | | | | | |
| 2010 | V8-5.7 | Downstream | LH | Ram 2500 | 23158 |
| | | | | Ram 1500 | 23159 |
| | | | RH | | 23158 |
| 2009 | L6-6.7 | Upstream | | w/ 2 O2s; Diesel | 24325 |
| | | Downstream | | w/ 2 O2s; Diesel | 24325 |
| | V6-3.7 | Upstream | LH | | 23159 |
| | | | RH | | 23159 |
| | | Downstream | LH | | 23159 |
| | | | RH | | 23159 |
| | V8-4.7 | Upstream | LH | | 23159 |
| | | | RH | | 23159 |
| | | Downstream | LH | | 23159 |
| | | | RH | 4WD | 23159 |
| | | | RWD | 23158 | |
| | V8-5.7 | Upstream | LH | | 23159 |
| | | | RH | Ram 1500 | 23158 |
| | | | | Ram 2500 | 23159 |
| | | Downstream | LH | | 23158 |
| | | | Ram 1500 | 23159 | |
| RH | | | | 23158 | |
| 2008 | L6-6.7 | Upstream | | w/ 2 O2s; Diesel | 24325 |
| | | Downstream | | w/ 2 O2s; Diesel | 24325 |
| | V6-3.7 | Upstream | LH | | 23159 |
| | | | RH | | 23159 |
| | | Downstream | LH | | 23159 |
| | | | RH | | 23159 |
| | V8-4.7 | Upstream | LH | | 23159 |
| | | | RH | | 23159 |
| | | Downstream | LH | | 23159 |
| | | | RH | | 23159 |
| | V8-5.7 | Upstream | LH | | 23159 |
| | | | RH | | 23159 |
| | | | | 1500 Series; EZA (Magnum) Eng | 23158 |
| | | Downstream | | 1500 Series; EZB (MDS) Eng | 23159 |
| | | | | 2500, 3500 Series | 23158 |
| RH | | | 1500 Series; EZA (Magnum) Eng | 23158 | |
| | | 1500 Series; EZB (MDS) Eng | 23159 | | |
| | | 2500, 3500 Series | 23158 | | |
| 2007 | L6-6.7 | Upstream | | w/ 2 O2s; Diesel | 24325 |
| | | Downstream | | w/ 2 O2s; Diesel | 24325 |
| | V6-3.7 | Upstream | LH | | 23159 |
| | | | RH | | 23159 |
| | | Downstream | LH | | 23159 |
| | | | RH | | 23159 |
| | V8-4.7 | Upstream | LH | | 23556 |
| | | | RH | | 23556 |
| | | Downstream | LH | | 23556 |
| | | | RH | | 23556 |
| | V8-5.7 | Upstream | LH | | 23159 |
| | | | RH | | 23159 |
| | | | | 1500 Series; EZA (Magnum) Eng | 23158 |
| | | Downstream | | 1500 Series; EZB (MDS) Eng | 23159 |
| | | | | 2500, 3500 Series | 23158 |
| RH | | | 1500 Series; EZA (Magnum) Eng | 23158 | |
| | | 1500 Series; EZB (MDS) Eng | 23159 | | |
| | | 2500, 3500 Series | 23158 | | |
| 2006-05 | V6-3.7 | Upstream | LH | | 23160 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|----------------------------|------------|---------------|---------------|-------------------|-------|-------|
| DODGE (Cont'd) | | | | | | |
| Ram Pickup (Cont'd) | | | | | | |
| 2006-05 | V6-3.7 | Upstream | RH | | 23160 | |
| | | Downstream | LH | | 23159 | |
| | | | RH | | 23159 | |
| | V8-4.7 | Upstream | LH | | 23556 | |
| | | | RH | | 23556 | |
| | | Downstream | LH | | 23556 | |
| | | | RH | | 23556 | |
| | V8-5.7 | Upstream | LH | | 23160 | |
| | | | RH | | 23160 | |
| | | Downstream | LH | 1500 Series | 23159 | |
| | | | | 2500, 3500 Series | 23158 | |
| | | | RH | 1500 Series | 23159 | |
| | | | | 2500, 3500 Series | 23158 | |
| | V10-8.3 | Upstream | LH | | 23135 | |
| | | | RH | | 23137 | |
| | | Downstream | LH | | 23132 | |
| | | | | 23132 | | |
| | RH | | | 23132 | | |
| | 2004 | V6-3.7 | Upstream | LH | | 23135 |
| | | | | RH | | 23135 |
| | | | Downstream | LH | | 23132 |
| RH | | | | 23132 | | |
| V8-4.7 | | Upstream | LH | | 23527 | |
| | | | RH | | 23527 | |
| | | Downstream | LH | | 23527 | |
| | | | RH | | 23527 | |
| V8-5.7 | | Upstream | LH | | 23135 | |
| | | | RH | | 23135 | |
| | | Downstream | LH | | 23132 | |
| | | | RH | | 23132 | |
| V10-8.3 | Upstream | LH | | 23135 | | |
| | | RH | | 23137 | | |
| | Downstream | LH | | 23132 | | |
| RH | | | 23132 | | | |
| 2003 | V6-3.7 | Upstream | LH | | 23138 | |
| | | | RH | | 23138 | |
| | | Downstream | LH | A/T | 23141 | |
| | | | | M/T | 23140 | |
| | V8-4.7 | Upstream | LH | | 23527 | |
| | | | RH | | 23527 | |
| | | Downstream | LH | Calif. | 23527 | |
| | | | | Federal | 23556 | |
| V8-5.7 | Upstream | LH | | 23135 | | |
| | | RH | | 23135 | | |
| | Downstream | LH | | 23132 | | |
| | | RH | | 23132 | | |
| V8-5.9 | Upstream | LH | | 23139 | | |
| | | RH | | 23139 | | |
| | Downstream | LH | | 23140 | | |
| | | RH | | 23140 | | |
| V10-8.0 | Upstream | LH | | 23137 | | |
| | | RH | | 23152 | | |
| | Downstream | LH | | 23132 | | |
| | | RH | | 23132 | | |
| 2002 | V6-3.7 | Upstream | LH | | 23138 | |
| | | | RH | | 23138 | |
| | | Downstream | LH | | 23140 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|---------------------------------------|---------------|---|------------------------------|--------|
| DODGE (Cont'd) | | | | | |
| Ram Pickup (Cont'd) | | | | | |
| 2002 | V6-3.7 | Downstream | RH | 23140 | |
| | | | V8-4.7 | Upstream | LH |
| | M/T | 23532 | | | |
| | RH | A/T | | 23533 | |
| | | M/T | | 23532 | |
| | Downstream | LH | | 23537 | |
| | | RH | | 23544 | |
| | V8-5.9 | Upstream | LH | VIN Z (Magnum); A/T; Calif. | 23135 |
| | | | | VIN Z (Magnum); A/T; Federal | 23139 |
| | | | | VIN Z (Magnum); M/T | 23138 |
| | | | | VIN 5 (Magnum HD) | 23139 |
| | | RH | VIN Z (Magnum); A/T; Calif. | 23135 | |
| | | | VIN Z (Magnum); A/T; Federal | 23139 | |
| | | | VIN Z (Magnum); M/T | 23138 | |
| | | | VIN 5 (Magnum HD) | 23139 | |
| | | Downstream | Federal | | 23140 |
| | | | LH | Calif. | 23132 |
| | | | | RH | Calif. |
| | | | V10-8.0 | Upstream | LH |
| | RH | 23139 | | | |
| | Downstream | LH | | 23140 | |
| | | RH | | 23140 | |
| | 2001 | V6-3.9 | Upstream | LH | 23139 |
| | | | | RH | 23139 |
| Downstream | | | | | 23140 |
| | | | V8-5.2 | Upstream | LH |
| Federal; A/T | | 23139 | | | |
| M/T | | 23138 | | | |
| RH | | Calif; A/T | | | 23506 |
| | | Federal; A/T | 23139 | | |
| M/T | | 23138 | | | |
| V8-5.9 | | Upstream | Eng Z; A/T; Std. Cab & Chassis Cab; Federal | | 23138 |
| | | | Eng Z; A/T; Crew & Ext'd Cab Pickup; To 7/5/00; Federal | | 23151 |
| | | | Eng Z; A/T; Crew & Ext'd Cab Pickup; From 7/5/00 | | 23139 |
| | Eng Z; M/T (Round Plug 1 or 2 Req'd) | | 23506 | | |
| | Eng Z; M/T (Square Plug 1 or 2 Req'd) | | 23138 | | |
| | LH | | Eng Z; A/T; Std. Cab & Chassis Cab; Calif (Round Plug) | | 23506 |
| | | | Eng Z; A/T; Std. Cab & Chassis Cab; Calif (Square Plug) | | 23135 |
| | | | Eng Z; A/T; Crew & Ext'd Cab Pickup; To 7/5/00; Calif. | | 23506 |
| | | | Eng 5 (HD); Round Plug; 12" Lgth | | 23506 |
| | Eng 5 (HD); Round Plug; 18" Lgth | | 23151 | | |
| | RH | | Eng Z; A/T; Std. Cab & Chassis Cab; Calif (Round Plug) | | 23506 |
| | | | Eng Z; A/T; Std. Cab & Chassis Cab; Calif (Square Plug) | | 23135 |
| Eng Z; A/T; Crew & Ext'd Cab Pickup; To 7/5/00; Calif. | | 23506 | | | |
| Eng 5 (HD); Round Plug; 12" Lgth | | 23506 | | | |
| Eng 5 (HD); Round Plug; 18" Lgth | | 23151 | | | |
| Eng 5 (HD); Square Plug | | 23138 | | | |
| Downstream | Round Plug; 1 or 2 Req'd | | 23099 | | |
| | Square Black Plug; 1 or 2 Req'd | | 23132 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------------|-------------------------|---------------|---|----------------------------|---------------|
| DODGE (Cont'd) | | | | | |
| Ram Pickup (Cont'd) | | | | | |
| 2001 | V8-5.9 | Downstream | Square Natural/White Plug; 1 or 2 Req'd | | 23140 |
| | | | Upstream | LH | 23506 |
| | | RH | | 23139 | |
| | | Downstream | | | 23099 |
| | 2000 | | V6-3.9 | Upstream | LH |
| | | RH | | | 23506 |
| | | Downstream | | | 23099 |
| | | | V8-5.2 | Upstream | LH |
| | RH | 23099 | | | |
| | Downstream | | | 23099 | |
| | | V8-5.9 | Upstream | LH | 23506 |
| | RH | | | 23506 | |
| Downstream | | | 23099 | | |
| | V10-8.0 | | Upstream | LH | 23506 |
| RH | | 23151 | | | |
| Downstream | | | | 23099 | |
| | | 1999 | V6-3.9 | Upstream | LH |
| RH | 23151 | | | | |
| Downstream | | | 23099 | | |
| | V8-5.2 | | Upstream | LH | 23506 |
| RH | | 23151 | | | |
| Downstream | | | 23099 | | |
| | V8-5.9 | Upstream | LH | 23506 | |
| RH | | | 23151 | | |
| Downstream | | | | 23099 | |
| | | V10-8.0 | Upstream | LH | 23506 |
| RH | 23151 | | | | |
| Downstream | | | 23099 | | |
| | 1998-97 | | V6-3.9 | Upstream | O2 w/12" Lgth |
| O2 w/18" Lgth | | 23151 | | | |
| Downstream | | | | 23099 | |
| | | V8-5.2 | | Upstream | O2 w/12" Lgth |
| O2 w/18" Lgth | | | 23151 | | |
| Downstream | | | | | 23099 |
| | | | V8-5.9 | Upstream | LH |
| O2 w/18" Lgth | | 23151 | | | |
| RH | | O2 w/12" Lgth | | 23506 | |
| | | O2 w/18" Lgth | | 23151 | |
| Downstream | | | | 23099 | |
| | | V10-8.0 | Upstream | LH | O2 w/12" Lgth |
| O2 w/18" Lgth | 23151 | | | | |
| RH | O2 w/12" Lgth | | 23506 | | |
| | O2 w/18" Lgth | | 23151 | | |
| Downstream | | | 23099 | | |
| | 1996 | All Engs | Upstream | 12" Lgth; 1 or 2 O2s Req'd | 23506 |
| 18" Lgth; 1 or 2 O2s Req'd | | | | 23151 | |
| Downstream | | | | 23014 | |
| | | 1995-94 | All Engs | Upstream | |
| Downstream | | | | | 23023 |
| | RD Series Pickup | | | | |
| 1980 | V8-5.2 | | Upstream | | |
| | | V8-5.9 | | Upstream | |
| Shadow | | | | | |
| 1994-89 | All Engs | Upstream | | | 23023 |
| 1988-87 | All Engs | Upstream | | | 23005 |
| Spirit | | | | | |
| 1995-93 | L4-2.5 | Upstream | | | 23023 |
| | | | V6-3.0 | Upstream | |
| 1992-91 | L4-2.2 | Upstream | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|------------------------------|---------------------|---------------|--|----------|--------------------|-------|
| DODGE (Cont'd) | | | | | | |
| Spirit (Cont'd) | | | | | | |
| 1992-91 | L4-2.5 | Upstream | | 23023 | | |
| | V6-3.0 | Upstream | | 23023 | | |
| 1990-89 | L4-2.5 | Upstream | | 23023 | | |
| | V6-3.0 | Upstream | | 23023 | | |
| Sprinter (2500, 3500) | | | | | | |
| 2009 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | 24332 | | |
| 2008-07 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | 24332 | | |
| | | Downstream | | 23567 | | |
| | V6-3.5 | LH | | 24332 | | |
| | | RH | | 24330 | | |
| 2006-03 | L5-2.7 | Upstream | Diesel (1 Upstream O2 Only) | 24332 | | |
| | | Downstream | | 23567 | | |
| St. Regis | | | | | | |
| 1981-79 | All Engs | Upstream | | 23004 | | |
| Stealth | | | | | | |
| 1996 | V6-3.0 | Upstream | LH Turbo | 23549 | | |
| | | | RH Non-Turbo | 23518 | | |
| | | Downstream | LH | 23549 | | |
| | | | RH | 23523 | | |
| | | 1995-94 | V6-3.0 | Upstream | Federal; Non-Turbo | 23559 |
| | | | | | LH Turbo | 23549 |
| Downstream | RH Calif, Non-Turbo | | | 23518 | | |
| | LH Turbo | | | 24050 | | |
| Downstream | RH Calif, Non-Turbo | | | 24050 | | |
| | LH Turbo | | | 23549 | | |
| 1993-91 | V6-3.0 | Upstream | Non-Turbo | 23559 | | |
| | | | LH Turbo | 23549 | | |
| | | RH Turbo | 24050 | | | |
| Stratus | | | | | | |
| 2006 | L4-2.4 | Upstream | | 23158 | | |
| | | Downstream | | 23159 | | |
| | V6-2.7 | Upstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| | | Downstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| 2005 | L4-2.4 | Upstream | SOHC | 23551 | | |
| | | | DOHC | 23158 | | |
| | | Downstream | SOHC | 23525 | | |
| | | | DOHC | 23159 | | |
| | V6-2.7 | Upstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| | | Downstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| | V6-3.0 | Upstream | LH | 21512 | | |
| | | | RH | 21512 | | |
| | | Downstream | LH | 23522 | | |
| | | | RH | 23522 | | |
| 2004 | L4-2.4 | Upstream | SOHC | 23551 | | |
| | | | DOHC; w/Next Gen. Eng. Controller; 18" Pigtail; Gray Plug | 23158 | | |
| | | | DOHC; w/o Next Gen. Eng. Controller; 16.75" Pigtail; Black Plug | 23146 | | |
| | | Downstream | SOHC | 23525 | | |
| | | | DOHC; w/Next Gen. Eng. Controller; 11.75" Pigtail; Black Square Plug | 23159 | | |
| | | | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|------------|---------------|--|--|-------|
| DODGE (Cont'd) | | | | | |
| Stratus (Cont'd) | | | | | |
| 2004 | L4-2.4 | Downstream | DOHC; w/o Next Gen. Eng. Controller; 15" Pigtail; Black Round Plug | 23133 | |
| | | | Upstream | LH w/Next Gen. Eng. Controller; Square Plug | 23159 |
| | | V6-2.7 | Upstream | RH w/Next Gen. Eng. Controller; Square Plug | 23159 |
| | | | | LH w/o Next Gen. Eng. Controller; Round Plug | 23133 |
| | | V6-3.0 | Downstream | LH w/Next Gen. Eng. Controller; Square Plug | 23159 |
| | | | | RH w/o Next Gen. Eng. Controller; Round Plug | 23133 |
| | Upstream | | LH | 21512 | |
| | | | RH | 21512 | |
| | 2003 | L4-2.4 | Upstream | SOHC | 23551 |
| | | | | DOHC | 23146 |
| | | | Downstream | SOHC | 23525 |
| | | V6-2.7 | Upstream | LH | 23133 |
| RH | | | | 23133 | |
| Downstream | | | LH | 23133 | |
| V6-3.0 | Upstream | LH | 21512 | | |
| | | RH | 21512 | | |
| | Downstream | LH | 23522 | | |
| 2002-01 | L4-2.4 | Upstream | SOHC | 23551 | |
| | | | DOHC | 23129 | |
| | | Downstream | SOHC | 23525 | |
| | V6-2.7 | Upstream | LH | 23133 | |
| | | | RH | 23133 | |
| | | Downstream | LH | 23133 | |
| V6-3.0 | Upstream | LH | 21512 | | |
| | | RH | 21512 | | |
| | Downstream | LH | 23522 | | |
| 2000-98 | L4-2.0 | Upstream | 23048 | | |
| | | Downstream | 23106 | | |
| | L4-2.4 | Upstream | 23048 | | |
| | | Downstream | 23106 | | |
| | V6-2.5 | Upstream | 23048 | | |
| | | Downstream | 23106 | | |
| 1997 | L4-2.0 | Upstream | 23039 | | |
| | | Downstream | 23093 | | |
| | L4-2.4 | Upstream | 23039 | | |
| | | Downstream | 23093 | | |
| | V6-2.5 | Upstream | 23041 | | |
| | | Downstream | 23093 | | |
| 1996-95 | L4-2.0 | Upstream | 23023 | | |
| | | Downstream | 23093 | | |
| | L4-2.4 | Upstream | 23023 | | |
| | | Downstream | 23093 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------|----------|---------------|--|--------|
| DODGE (Cont'd) | | | | |
| Status (Cont'd) | | | | |
| 1996-95 | V6-2.5 | Upstream | | 23036 |
| | | Downstream | | 23093 |
| Viper | | | | |
| 2017-15 | V10-8.4 | Upstream | LH | 23162 |
| | | | RH | 23162 |
| | | Downstream | LH | 23165 |
| | | | RH | 23165 |
| 2010-08 | V10-8.4 | Upstream | LH | 23018 |
| | | | RH | 23018 |
| | | Downstream | LH | 23158 |
| | | | RH | 23158 |
| 2006-03 | V10-8.3 | Upstream | LH | 23137 |
| | | | RH | 23137 |
| | | Downstream | LH | 23132 |
| | | | RH | 23132 |
| 2002-99 | V10-8.0 | Upstream | LH | 23151 |
| | | | RH | 23151 |
| | | Downstream | LH | 23099 |
| | | | RH | 23099 |
| 1998-97 | V10-8.0 | Upstream | LH | 23151 |
| | | | RH | 23151 |
| | | Downstream | LH | 23014 |
| | | | RH | 23014 |
| 1996 | V10-8.0 | Upstream | | 23151 |
| | | Downstream | | 23014 |
| 1995 | V10-8.0 | Upstream | | 23023 |
| | | Downstream | | 23014 |
| 1994-92 | V10-8.0 | Upstream | | 23023 |
| EAGLE | | | | |
| 2000 GTX | | | | |
| 1993 | L4-2.0 | Upstream | | 24109 |
| 1992-91 | L4-2.0 | Upstream | SOHC | 24141 |
| | | | DOHC | 24533 |
| Medallion | | | | |
| 1989-88 | L4-2.2 | Upstream | | 23044 |
| Premier | | | | |
| 1992-91 | V6-3.0 | Upstream | | 23032 |
| 1990-88 | All Engs | Upstream | | 23553 |
| Summit | | | | |
| 1996-95 | L4-1.5 | Upstream | | 24058 |
| | | Intermediate | Loc. After Primary Cat. | 24052 |
| | | Downstream | Loc. After Scndary Cat. | 24031 |
| | L4-1.8 | Upstream | | 23518 |
| | | Intermediate | Loc. After Primary Cat; Coupe | 23515 |
| | | | Loc. After Primary Cat; Sedan | 23515 |
| | | | Loc. After Primary Cat; Calif; Wagon | 23514 |
| | | | Loc. After Primary Cat; Federal; Wagon | 23515 |
| | | Downstream | Loc. After Scndary Cat; Coupe | 23001 |
| | | | Loc. After Scndary Cat; Sedan | 23001 |
| | | | Loc. After Scndary Cat; Wagon | 23513 |
| | L4-2.4 | Upstream | | 23518 |
| | | Intermediate | Loc. After Primary Cat; Calif; 4WD | 23515 |
| | | | Loc. After Primary Cat; Calif; FWD | 23514 |
| | | | Loc. After Primary Cat; Federal | 23514 |
| | | Downstream | Loc. After Scndary Cat. | 23513 |
| 1994 | L4-1.5 | Upstream | Calif. | 24052 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------|--------|---------------|---------------|--------|
| EAGLE (Cont'd) | | | | |
| Summit (Cont'd) | | | | |
| 1994 | L4-1.5 | Upstream | Federal | 24109 |
| | | Downstream | Calif. | 24031 |
| | L4-1.8 | Upstream | Calif. | 23001 |
| | | | Federal | 24109 |
| | | Downstream | Calif. | 23515 |
| | L4-2.4 | Upstream | 4WD | 23515 |
| | | | FWD | 23514 |
| | | Downstream | | 23513 |
| 1993 | L4-1.5 | Upstream | Calif. | 24052 |
| | | | Federal | 24109 |
| | | Downstream | Calif. | 24031 |
| | L4-1.8 | Upstream | Calif; 4WD | 23515 |
| | | | Calif; FWD | 23001 |
| | | | Federal | 24109 |
| | | Downstream | Calif; 4WD | 23513 |
| | | | Calif; FWD | 23515 |
| | L4-2.4 | Upstream | Calif; 4WD | 23515 |
| | | | Calif; FWD | 23514 |
| | | | Federal | 24109 |
| | | Downstream | Calif; 4WD | 23513 |
| | | | Calif; FWD | 23559 |
| 1992 | L4-1.5 | Upstream | | 24109 |
| | L4-1.8 | Upstream | | 24109 |
| | L4-2.4 | Upstream | | 24109 |
| 1991 | L4-1.5 | Upstream | A/T | 24109 |
| | | | M/T | 24102 |
| 1990 | L4-1.5 | Upstream | Calif; A/T | 24102 |
| | | | Federal; A/T | 24086 |
| | | | M/T | 24102 |
| | L4-1.6 | Upstream | Calif. | 24102 |
| | | | Federal | 24086 |
| 1989 | L4-1.5 | Upstream | Calif. | 24102 |
| | | | Federal | 24086 |
| | L4-1.6 | Upstream | | 24533 |
| Talon | | | | |
| 1998-97 | L4-2.0 | Upstream | Turbo | 23558 |
| | | | Non-Turbo | 23025 |
| | | Downstream | Turbo; AWD | 23559 |
| | | | Turbo; FWD | 23001 |
| | | | Non-Turbo | 23020 |
| 1996 | L4-2.0 | Upstream | Turbo | 23558 |
| | | | Non-Turbo | 23023 |
| | | Downstream | Turbo; AWD | 23559 |
| | | | Turbo; FWD | 23001 |
| | | | Non-Turbo | 23020 |
| 1995 | L4-2.0 | Upstream | Turbo | 23558 |
| | | | Non-Turbo | 23023 |
| | | Downstream | Turbo; AWD | 23559 |
| | | | Turbo; FWD | 23001 |
| | | | Non-Turbo | 23001 |
| 1994-93 | L4-1.8 | Upstream | | 24102 |
| | L4-2.0 | Upstream | Turbo | 24225 |
| | | | Non-Turbo | 24533 |
| 1992-91 | L4-2.0 | Upstream | Turbo | 24225 |
| | | | Non-Turbo | 24533 |
| 1990 | L4-2.0 | Upstream | | 24533 |
| Vision | | | | |
| 1997-96 | V6-3.3 | Upstream | | 23039 |
| | | Downstream | | 23007 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|----------|---------------|---------------------------------|--------|
| EAGLE (Cont'd) | | | | |
| Vision (Cont'd) | | | | |
| 1997-96 | V6-3.5 | Upstream | LH | 23039 |
| | | | RH | 23039 |
| | | Downstream | LH | 23007 |
| | | | RH | 23007 |
| 1995-93 | All Engs | Upstream | Round Plug | 23039 |
| | | | Square Plug | 23023 |
| Vista | | | | |
| 1992 | L4-1.5 | Upstream | | 24109 |
| 1991 | L4-1.5 | Upstream | A/T | 24109 |
| | | | M/T | 24102 |
| | L4-2.0 | Upstream | Calif. | 24102 |
| 1990-89 | L4-1.5 | Upstream | Federal | 23557 |
| | | | Calif. | 24102 |
| | L4-2.0 | Upstream | Calif. | 24102 |
| | | | Federal | 23557 |
| 1988 | L4-1.5 | Upstream | | 24086 |
| FERRARI | | | | |
| 308 Series (GT4, GTB, GTS, Dino) | | | | |
| 1985-83 | V8-3.0 | Upstream | | 25034 |
| 328 Series (GTB, GTS) | | | | |
| 1989-85 | V8-3.2 | Upstream | | 25034 |
| 348 Series (Incl. GTS, TB, TS, Spyder) | | | | |
| 1995-91 | V8-3.4 | Upstream | LH | 25137 |
| | | | RH | 25137 |
| 1990 | V8-3.4 | Upstream | LH w/Bosch Motronic 2.5; 3-Wire | 25034 |
| | | | w/Bosch Motronic 2.7; 4-Wire | 25137 |
| | | | RH w/Bosch Motronic 2.5; 3-Wire | 25034 |
| | | | w/Bosch Motronic 2.7; 4-Wire | 25137 |
| 1989 | V8-3.4 | Upstream | LH | 25034 |
| | | | RH | 25034 |
| 456 Series (Incl. GT, GTA, M GT, M GTA) | | | | |
| 2004-99 | V12-5.5 | Upstream | RH | 25547 |
| 1998-95 | V12-5.5 | Upstream | LH | 25547 |
| | | | RH | 25547 |
| 512 Series (BB, BBi, M, TR) | | | | |
| 1995 | H12-4.9 | Upstream | LH | 25639 |
| | | | RH | 25639 |
| 1994-92 | H12-4.9 | Upstream | LH | 25137 |
| | | | RH | 25137 |
| 550 Maranello, Barchetta | | | | |
| 2002-97 | V12-5.5 | Upstream | RH | 25547 |
| F50 | | | | |
| 1997-95 | V12-4.7 | Upstream | LH | 25547 |
| | | | RH | 25547 |
| F355 Series (Incl. Berlinetta, F1, GTS, Spyder) | | | | |
| 1995-94 | V8-3.5 | Upstream | LH | 25547 |
| | | | RH | 25547 |
| Mondial | | | | |
| 1993-91 | V8-3.4 | Upstream | LH | 25137 |
| | | | RH | 25137 |
| 1990 | V8-3.4 | Upstream | LH w/Bosch Motronic 2.5; 3-Wire | 25034 |
| | | | w/Bosch Motronic 2.7; 4-Wire | 25137 |
| | | | RH w/Bosch Motronic 2.5; 3-Wire | 25034 |
| | | | w/Bosch Motronic 2.7; 4-Wire | 25137 |
| 1989 | V8-3.4 | Upstream | LH | 25034 |
| | | | RH | 25034 |
| 1988-86 | V8-3.2 | Upstream | | 25034 |
| 1985-83 | V8-3.0 | Upstream | | 25034 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------------------|----------|---------------|----------------|--------|
| FERRARI (Cont'd) | | | | |
| Testarossa | | | | |
| 1991-85 | H12-4.9 | Upstream | Cyls. 1-6 | 25034 |
| FIAT | | | | |
| 124, 124 Spider | | | | |
| 2018-17 | L4-1.4 | Upstream | | 27070 |
| | | Downstream | | 23058 |
| 1983-79 | L4-2.0 | Upstream | | 23044 |
| 500, 500c, 500e, 500L, 500X | | | | |
| 2018 | L4-2.4 | Upstream | | 27009 |
| | | Downstream | | 23162 |
| 2017-16 | L4-1.4 | Upstream | 500; Turbo | 27020 |
| | | | 500; Non-Turbo | 24394 |
| | | | 500L | 27036 |
| | | Downstream | 500X | 27062 |
| | | | 500 | 23163 |
| | | | 500L | 23164 |
| 2015 | L4-1.4 | Upstream | 500 | 23057 |
| | | 500X | 27009 | |
| 2014 | L4-1.4 | Upstream | | 27009 |
| | | Downstream | | 23162 |
| 2015 | L4-1.4 | Upstream | 500; Turbo | 27020 |
| | | | 500; Non-Turbo | 24394 |
| | | Downstream | 500L | 27036 |
| | | | 500 | 23163 |
| 2014 | L4-1.4 | Upstream | 500L | 23164 |
| | | | 500 | 24394 |
| 2013-12 | L4-1.4 | Upstream | | 27036 |
| | | Downstream | | 23163 |
| 2014 | L4-1.4 | Upstream | 500 | 24394 |
| | | | 500L | 27036 |
| 2013-12 | L4-1.4 | Upstream | 500 | 23163 |
| | | | 500L | 23164 |
| 2013-12 | L4-1.4 | Upstream | 500 | 24394 |
| | | | 500L | 23164 |
| 2013-12 | L4-1.4 | Upstream | 500 | 24394 |
| | | | 500L | 23164 |
| Brava | | | | |
| 1981-79 | L4-2.0 | Upstream | | 23044 |
| Strada | | | | |
| 1982-79 | L4-1.5 | Upstream | | 23044 |
| X-1/9 | | | | |
| 1983-79 | All Engs | Upstream | | 23044 |
| FORD | | | | |
| Aerostar | | | | |
| 1997-96 | V6-3.0 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | Downstream | | 22503 |
| | V6-4.0 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | Downstream | | 22503 |
| 1995-92 | V6-3.0 | Upstream | | 22500 |
| 1991-90 | V6-3.0 | Upstream | | 22503 |
| 1989-88 | V6-3.0 | Upstream | | 22503 |
| 1987 | L4-2.3 | Upstream | | 22013 |
| | | | | 22013 |
| 1986 | L4-2.3 | Upstream | | 22014 |
| | | | | 23552 |
| | | | | 22013 |
| Aspire | | | | |
| 1997-96 | L4-1.3 | Upstream | | 24010 |
| | | Downstream | | 22126 |
| 1995-94 | L4-1.3 | Upstream | | 24010 |
| Bronco, Bronco II | | | | |
| 1996 | V8-5.0 | Upstream | | 22500 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-----------------------------------|----------|---------------|--------------------|--|----------------|
| FORD (Cont'd) | | | | | |
| Bronco, Bronco II (Cont'd) | | | | | |
| 1996 | V8-5.0 | Downstream | | 22503 | |
| | V8-5.8 | Upstream | LH | 22500 | |
| | | | RH | 22500 | |
| | | Downstream | | 22503 | |
| 1995-93 | V8-5.0 | Upstream | | 22500 | |
| | V8-5.8 | Upstream | | 22500 | |
| 1992-91 | L6-4.9 | Upstream | | 22503 | |
| | V8-5.0 | Upstream | | 22500 | |
| | V8-5.8 | Upstream | | 22500 | |
| 1990 | L6-4.9 | Upstream | 4-Wire; 10" Lgth | 22500 | |
| | | | 4-Wire; 14.5" Lgth | 22503 | |
| | V6-2.9 | Upstream | 3-Wire | 22013 | |
| | | | 4-Wire | 22500 | |
| | V8-5.0 | Upstream | 3-Wire | 22013 | |
| | | | 4-Wire | 22500 | |
| | V8-5.8 | Upstream | LH | 22500 | |
| RH | | | 22500 | | |
| 1989-88 | L6-4.9 | Upstream | | 22013 | |
| | V6-2.9 | Upstream | | 22013 | |
| | V8-5.0 | Upstream | | 22013 | |
| | V8-5.8 | Upstream | | 22013 | |
| 1987 | All Engs | Upstream | 1-Wire; 7" | 23552 | |
| | | | 1-Wire; 15.75" | 22534 | |
| | | | 3-Wire | 22013 | |
| 1986 | All Engs | Upstream | 1-Wire; 7" | 23552 | |
| | | | 1-Wire; 15.75" | 22534 | |
| | | | 3-Wire | 22014 | |
| 1985-84 | All Engs | Upstream | 1-Wire; 7" | 23552 | |
| | | | 1-Wire; 15.75" | 22534 | |
| 1983-80 | All Engs | Upstream | | 23552 | |
| C-Max | | | | | |
| 2017-13 | L4-2.0 | Upstream | | 24348 | |
| | | Downstream | | 22141 | |
| Contour | | | | | |
| 2000 | L4-2.0 | Upstream | | 22060 | |
| | | Downstream | | 22500 | |
| | V6-2.5 | Upstream | LH | 22060 | |
| | | | RH | 22060 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| 1999 | L4-2.0 | Upstream | | 22010 | |
| | | | Downstream | 22071 | |
| | V6-2.5 | Upstream | LH | Round Plug Square Plug | 22060 22074 |
| | | | RH | Round Plug Square Plug | 22060 22074 |
| | | Downstream | LH | Build Date To 1/1/99 Build Date From 1/2/99 | 22071 22500 |
| | | | RH | Build Date To 1/1/99 Build Date From 1/2/99 | 22071 22500 |
| | 1998-96 | L4-2.0 | Upstream | | 22010 |
| Downstream | | | | 22071 | |
| V6-2.5 | | Upstream | LH | | 22074 |
| | | | RH | | 22074 |
| | | Downstream | LH | | 22071 |
| | | | RH | | 22071 |
| 1995 | L4-2.0 | Upstream | | 22010 | |
| | V6-2.5 | Upstream | LH | 22074 | |
| RH | | | 22074 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---|------------|---------------|----------------------------|----------------------------|-------|-------|
| FORD (Cont'd) | | | | | | |
| Courier, Courier Sedan Delivery | | | | | | |
| 1982-79 | L4-2.3 | Upstream | | 23552 | | |
| Crown Victoria (LTD, LTD II), Country Squire | | | | | | |
| 2011-07 | V8-4.6 | Upstream | LH | 22045 | | |
| | | | RH | 22045 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| 2006 | V8-4.6 | Upstream | LH | To 12/5/05 From 12/5/05 | | |
| | | | RH | To 12/5/05 From 12/5/05 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | 2005-98 | V8-4.6 | Upstream | LH | 22060 |
| | | | | | RH | 22060 |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| 1997-96 | V8-4.6 | Upstream | | 22500 | | |
| | | Downstream | | 22500 | | |
| 1995-92 | V8-4.6 | Upstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| 1991-88 | V8-5.0 | Upstream | LH | 22013 | | |
| | | | RH | 22013 | | |
| | | | Upstream | LH | 22013 | |
| RH | | | | 22013 | | |
| 1987 | V8-5.0 | Upstream | LH | 22013 | | |
| | | | RH | 22013 | | |
| | | | | | | |
| | | Upstream | LH | 22013 | | |
| | | | RH | 22013 | | |
| | | | | | | |
| 1986 | L4-2.3 | Upstream | | 23552 | | |
| | | | | 23552 | | |
| | | | | 22014 | | |
| 1985-84 | All Engs | Upstream | | 23552 | | |
| | | | | 22534 | | |
| | | | | 22013 | | |
| 1983-80 | All Engs | Upstream | | 23552 | | |
| | | | | 22534 | | |
| | | | | 22013 | | |
| Edge | | | | | | |
| 2018-17 | L4-2.0 | Upstream | | 24334 | | |
| | | Downstream | | 22542 | | |
| | V6-2.7 | Upstream | LH | 24334 | | |
| | | | RH | 24334 | | |
| | | Downstream | LH | 22052 | | |
| | | | RH | 22052 | | |
| | V6-3.5 | Upstream | LH | 27014 | | |
| | | | RH | 27014 | | |
| | | Downstream | LH | 22052 | | |
| | | | RH | 22052 | | |
| 2016 | L4-2.0 | Upstream | | 24334 | | |
| | | Downstream | To 2/26/16 From 2/27/16 | 22541 22542 | | |
| | V6-2.7 | Upstream | LH | 24334 | | |
| | | | RH | 24334 | | |
| | | Downstream | LH | 22052 | | |
| | | | RH | 22052 | | |
| V6-3.5 | Upstream | LH | 27014 | | | |
| | | RH | 27014 | | | |
| | Downstream | LH | 22052 | | | |
| | | RH | 22052 | | | |
| 2015 | L4-2.0 | Upstream | | 24334 | | |
| | | Downstream | | 22541 | | |
| | V6-2.7 | Upstream | LH | 24334 | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------|--------|---------------|---------------|--------|-------|
| FORD (Cont'd) | | | | | |
| Edge (Cont'd) | | | | | |
| 2015 | V6-2.7 | Upstream | RH | 24334 | |
| | | Downstream | LH | 22052 | |
| | | | RH | 22052 | |
| | V6-3.5 | Upstream | LH | 27014 | |
| | | Downstream | LH | 22052 | |
| | | | RH | 22052 | |
| 2014-12 | L4-2.0 | Upstream | | 24325 | |
| | | Downstream | | 22536 | |
| | V6-3.5 | Upstream | LH | 24397 | |
| | | | RH | 24397 | |
| | | Downstream | LH | 22134 | |
| | | | RH | 22134 | |
| | V6-3.7 | Upstream | LH | 24397 | |
| | | | RH | 24397 | |
| | | Downstream | LH | 22134 | |
| | | | RH | 22134 | |
| | 2011 | V6-3.5 | Upstream | LH | 24387 |
| | | | | RH | 24387 |
| Downstream | | | LH | 22134 | |
| | | | RH | 22134 | |
| V6-3.7 | | Upstream | LH | 24387 | |
| | | | RH | 24387 | |
| Downstream | LH | 22134 | | | |
| | RH | 22134 | | | |
| 2010-07 | V6-3.5 | Upstream | LH | 22046 | |
| | | | RH | 22046 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| Escape | | | | | |
| 2018-17 | L4-1.5 | Upstream | | 24334 | |
| | | Downstream | | 24334 | |
| | L4-2.0 | Upstream | | 24334 | |
| | | Downstream | | 22542 | |
| | L4-2.5 | Upstream | | 27064 | |
| | | Downstream | | 22146 | |
| 2016-14 | L4-1.6 | Upstream | | 24348 | |
| | | Downstream | | 22538 | |
| | L4-2.0 | Upstream | | 24325 | |
| | | Downstream | | 22536 | |
| | L4-2.5 | Upstream | | 27006 | |
| | | Downstream | | 22141 | |
| 2013 | L4-1.6 | Upstream | | 24348 | |
| | | Downstream | | 22538 | |
| | L4-2.0 | Upstream | | 24325 | |
| | | Downstream | | 22536 | |
| | L4-2.5 | Upstream | | 27005 | |
| | | Downstream | | 22141 | |
| 2012-11 | L4-2.5 | Upstream | Gas; M/T | 22136 | |
| | | | Gas; A/T | 24388 | |
| | | | Hybrid | 24348 | |
| | | Downstream | | 22135 | |
| | | | | 22135 | |
| | | | | 22135 | |
| | V6-3.0 | Upstream | F | 24387 | |
| | | | R | 24387 | |
| | | Downstream | F | 22135 | |
| | | | R | 22135 | |
| 2010 | L4-2.5 | Upstream | Gas; M/T | 22012 | |
| | | | Gas; A/T | 24388 | |
| | | | Hybrid | 24348 | |
| | | Downstream | Gas | 22009 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---------------------------------|------------|---------------|---------------|--------|
| FORD (Cont'd) | | | | |
| Escape (Cont'd) | | | | |
| 2010 | L4-2.5 | Downstream | Hybrid | 22500 |
| | | V6-3.0 | Upstream | F |
| | R | | | 24387 |
| | Downstream | | F | 22500 |
| | | | R | 22009 |
| | 2009 | L4-2.5 | Upstream | Gas |
| Hybrid | | | | 24348 |
| Downstream | | | Gas | 22009 |
| | | | Hybrid | 22500 |
| V6-3.0 | | Upstream | F | 22012 |
| | | | R | 22012 |
| 2008-07 | L4-2.3 | Upstream | | 22012 |
| | | Downstream | | 22500 |
| | V6-3.0 | Upstream | F | 22060 |
| | | | R | 22060 |
| Downstream | F | 22500 | | |
| | R | 22009 | | |
| 2006-05 | L4-2.3 | Upstream | | 22012 |
| | | Downstream | | 22500 |
| | V6-3.0 | Upstream | F | 22113 |
| | | | R | 22060 |
| | | Downstream | F | 22500 |
| | | | R | 22009 |
| 2004-01 | L4-2.0 | Upstream | | 22113 |
| | | Downstream | | 22106 |
| | V6-3.0 | Upstream | F | 22113 |
| | | | R | 22060 |
| | | Downstream | F | 22500 |
| | | | R | 22009 |
| Escort (Incl. ZX2, EXP) | | | | |
| 2003 | L4-2.0 | Upstream | | 22060 |
| | | Downstream | | 22056 |
| 2002-00 | L4-2.0 | Upstream | SOHC | 22016 |
| | | | DOHC | 22060 |
| | | Downstream | | 22056 |
| 1999-97 | L4-2.0 | Upstream | | 22016 |
| | | Downstream | | 22056 |
| 1996 | L4-1.8 | Upstream | | 22032 |
| | | Downstream | | 22507 |
| | L4-1.9 | Upstream | | 22016 |
| | | Downstream | | 22056 |
| 1995 | L4-1.8 | Upstream | | 22032 |
| | | L4-1.9 | Upstream | 22500 |
| 1994-92 | L4-1.8 | Upstream | | 22043 |
| | | L4-1.9 | Upstream | 22500 |
| 1991 | L4-1.8 | Upstream | | 22043 |
| | L4-1.9 | Upstream | | 22013 |
| 1990-87 | L4-1.9 | Upstream | | 22013 |
| 1986 | L4-1.9 | Upstream | | 22014 |
| 1985 | L4-1.6 | Upstream | | 23552 |
| | | L4-1.9 | Upstream | 22014 |
| 1984-83 | L4-1.6 | Upstream | | 23552 |
| E Series (Econoline Van) | | | | |
| 2018 | V8-6.2 | Upstream | LH | 27014 |
| | | | RH | 27014 |
| | | Downstream | LH | 22068 |
| | | | RH | 22052 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|--|--|--|-------|
| FORD (Cont'd) | | | | | |
| E Series (Econoline Van) (Cont'd) | | | | | |
| 2017 | V8-6.2 | Upstream | LH | 27014 | |
| | | | RH | 27014 | |
| | | Downstream | LH | 22068 | |
| | | | RH | 22052 | |
| | V10-6.8 | Upstream | LH | To 12/11/2016 27018 | |
| | | | RH | From 12/12/2016 27014 | |
| | | Downstream | LH | E-450 22053 | |
| | | | RH | E-350; To 12/11/2016 22052 | |
| | 2016 | V8-5.4 | Upstream | LH | 24348 |
| | | | | RH | 24348 |
| | | | Downstream | LH | 22500 |
| | | | | RH | 22500 |
| V10-6.8 | | Upstream | LH | 27018 | |
| | | | RH | 27018 | |
| | | Downstream | LH | E-450 22053 | |
| | | | RH | E-350 22052 | |
| 2015 | | V8-5.4 | Upstream | LH | 24348 |
| | | | | RH | 24348 |
| | | | Downstream | LH | 22500 |
| | | | | RH | 22500 |
| V10-6.8 | Upstream | LH | 24348 | | |
| | | RH | 24325 | | |
| | Downstream | LH | w/Ambulance Pkg 22501 | | |
| | | RH | w/o Ambulance Pkg 22500 | | |
| 2014-13 | V8-4.6 | Upstream | LH | 24348 | |
| | | | RH | 24348 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| | | V8-5.4 | Upstream | LH | 24348 |
| | | | | RH | 24348 |
| | Downstream | | LH | Single Sensor 22500 | |
| | | | RH | Dual Sensor 22500 | |
| | V10-6.8 | Upstream | LH | 24348 | |
| | | | RH | 24325 | |
| | | Downstream | LH | w/Ambulance Pkg Single Sensor 22501 | |
| | | | RH | w/o Ambulance Pkg Single Sensor 22500 | |
| | 2012-10 | V8-4.6 | Upstream | LH | 24348 |
| | | | | RH | 24348 |
| | | | Downstream | LH | 22500 |
| | | | | RH | 22500 |
| V8-5.4 | | | Upstream | LH | 24348 |
| | | | | RH | 24348 |
| | | Downstream | LH | Single Sensor 22500 | |
| | | | RH | Dual Sensor 22500 | |
| V10-6.8 | | Upstream | LH | 22524 | |
| | | | RH | 22524 | |
| | | Downstream | LH | w/Ambulance Pkg Single Sensor 22501 | |
| | | | RH | w/o Ambulance Pkg Single Sensor 22500 | |
| | LH | w/o Ambulance Pkg Dual Sensor 22500 | | | |
| | | RH | w/o Ambulance Pkg Dual Sensor 22500 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|------------|---------------|---------------|--|
| FORD (Cont'd) | | | | |
| E Series (Econoline Van) (Cont'd) | | | | |
| 2009 | V8-4.6 | Upstream | LH | 24348 |
| | | | RH | 24348 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| | V8-5.4 | Upstream | LH | 24348 |
| | | | RH | 24348 |
| | | Downstream | LH | Single Sensor 22500 |
| | | | RH | Dual Sensor 22500 |
| | V10-6.8 | Upstream | LH | 22524 |
| | | | RH | 22524 |
| | | Downstream | LH | Single Sensor 22500 |
| | | | RH | Dual Sensor 22500 |
| 2008-05 | All Eng | Upstream | LH | 22012 |
| | | | RH | 22012 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 2004 | All Eng | Upstream | LH | 22060 |
| | | | RH | 22060 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 2003-02 | V6-4.2 | Upstream | LH | 22524 |
| | | | RH | 22524 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| | V8-4.6 | Upstream | LH | 22060 |
| | | | RH | 22060 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| | V8-5.4 | Upstream | LH | 22060 |
| | | | RH | 22060 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| V10-6.8 | Upstream | LH | 22060 | |
| | | RH | 22060 | |
| | Downstream | LH | 22500 | |
| | | RH | 22500 | |
| 2001-00 | V6-4.2 | Upstream | LH | Calif. 22060 |
| | | | RH | Federal 22500 |
| | | Downstream | LH | Calif. 22060 |
| | | | RH | Federal 22500 |
| | | LH | 22500 | |
| | | | RH | 22500 |
| | V8-4.6 | Upstream | LH | 22060 |
| | | | RH | 22060 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| | V8-5.4 | Upstream | LH | 22060 |
| | | | RH | 22060 |
| Downstream | | LH | 22500 | |
| | | RH | 22500 | |
| V10-6.8 | Upstream | LH | 22060 | |
| | | RH | 22060 | |
| | Downstream | LH | 22500 | |
| | | RH | 22500 | |
| 1999 | V6-4.2 | Upstream | LH | Calif; Bosch O2 22500 |
| | | | RH | Calif; NTK FLO (Fast Light Off) O2 22060 |
| | | Downstream | LH | 22500 |
| | | | RH | Federal 22500 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--|---------------------------------------|----------------------------|---------------------------------------|---------------------------------------|-----------|-------|
| FORD (Cont'd) | | | | | | |
| E Series (Econoline Van) (Cont'd) | | | | | | |
| 1999 | V6-4.2 | Upstream | RH Calif; Bosch O2 | 22500 | | |
| | | | RH Calif; NTK FLO (Fast Light Off) O2 | 22060 | | |
| | | | RH Federal | 22500 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | | RH | 22500 | | |
| | V8-4.6 | Upstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | V8-5.4 | Upstream | LH Bi-Fuel; w/Bosch O2 | 22500 | |
| | | | | LH Bi-Fuel; w/NTK (Fast Light Off) O2 | 22060 | |
| | LH Gas & CNG | | | 22500 | | |
| | RH Bi-Fuel; w/Bosch O2 | | | 22500 | | |
| | RH Bi-Fuel; w/NTK (Fast Light Off) O2 | | | 22060 | | |
| | RH Gas & CNG | | | 22500 | | |
| | Downstream | | LH | 22500 | | |
| | | | RH | 22500 | | |
| | V10-6.8 | | Upstream | LH | 22500 | |
| | | | | RH | 22500 | |
| | | | Downstream | LH | 22500 | |
| | | | | RH | 22500 | |
| | | 1998-97 | All Eng | Upstream | LH | 22500 |
| | | | | | RH | 22500 |
| Downstream | LH | | | 22500 | | |
| | RH | | | 22500 | | |
| 1996 | L6-4.9 | | | Upstream | Cyls. 1-3 | 22500 |
| | | | | | Cyls. 4-6 | 22500 |
| | Downstream | LH | 22500 | | | |
| | | RH | 22500 | | | |
| | V8-5.0 | Upstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | Downstream | LH | 22503 | | |
| | | | RH | 22503 | | |
| | V8-5.8 | Upstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | V8-7.5 | Upstream | LH | 22500 | |
| | | | | RH | 22500 | |
| | Downstream | LH | 22503 | | | |
| | | 1995 | L6-4.9 | Upstream | 22500 | |
| | 22500 | | | | | |
| | V8-5.0 | | Upstream | E-150, E-250 | 22500 | |
| E-350; Calif. | | | | 22500 | | |
| Downstream | | | E-350; Federal | 22503 | | |
| | | | 22500 | | | |
| V8-7.5 | Upstream | LH | 22500 | | | |
| | | RH | 22500 | | | |
| 1994 | L6-4.9 | Upstream | 22500 | | | |
| | | | 22500 | | | |
| | V8-5.0 | Upstream | E-150 | 22500 | | |
| | | | E-250; GVW Under 8,500 Lbs | 22500 | | |
| | | Downstream | E-250; GVW Over 8,500 Lbs | 22503 | | |
| | | | E-350 | 22503 | | |
| | V8-7.5 | Upstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | 1993 | L6-4.9 | Upstream | 22500 | | |
| | | | | 22500 | | |
| E-150 | | | | 22500 | | |
| V8-5.0 | Upstream | E-250; GVW Under 8,500 Lbs | 22500 | | | |
| | | 22500 | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|---------|---------------|----------------------------|-----------|-------|
| FORD (Cont'd) | | | | | |
| E Series (Econoline Van) (Cont'd) | | | | | |
| 1993 | V8-5.8 | Upstream | E-250; GVW Over 8,500 Lbs | 22503 | |
| | | | E-350 | 22503 | |
| | V8-7.5 | Upstream | LH | 22503 | |
| | | | RH | 22503 | |
| 1992-91 | L6-4.9 | Upstream | 22500 | | |
| | | | 22500 | | |
| | V8-5.0 | Upstream | 22500 | | |
| | | | 22500 | | |
| | V8-5.8 | Upstream | E-150 | 22500 | |
| | | | E-250; GVW Under 8,500 Lbs | 22500 | |
| | | | E-250; GVW Over 8,500 Lbs | 22503 | |
| | | | E-350 | 22503 | |
| | | V8-7.5 | Upstream | LH 3-Wire | 22013 |
| | | | | RH 3-Wire | 22013 |
| 1990 | All Eng | Upstream | 4-Wire | 22503 | |
| | | | 4-Wire (17" Lead) | 22013 | |
| | | | 4-Wire (22" Lead) | 22503 | |
| | | | 3-Wire | 22013 | |
| | | | 3-Wire | 22500 | |
| | | | 3-Wire | 22503 | |
| 1989-88 | All Eng | Upstream | 22013 | | |
| 1987 | All Eng | Upstream | 1-Wire | 22534 | |
| | | | 3-Wire | 22013 | |
| 1986 | L6-4.9 | Upstream | 22534 | | |
| | | | 22014 | | |
| | V8-5.0 | Upstream | 1-Wire | 22534 | |
| 3-Wire | | | 22013 | | |
| 1985-84 | All Eng | Upstream | 1-Wire (7" Length) | 23552 | |
| | | | 1-Wire (15" Length) | 22534 | |
| 1983-80 | All Eng | Upstream | 23552 | | |
| Excursion | | | | | |
| 2005-00 | All Eng | Upstream | LH | 22060 | |
| | | | RH | 22060 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| Expedition | | | | | |
| 2018 | V6-3.5 | Upstream | LH | 24334 | |
| | | | RH | 24328 | |
| | | Downstream | LH | 22540 | |
| | | | RH | 22540 | |
| 2017-15 | V6-3.5 | Upstream | LH | 24326 | |
| | | | RH | 24348 | |
| | | Downstream | LH | 22144 | |
| | | | RH | 22144 | |
| 2014-12 | V8-5.4 | Upstream | LH | 24326 | |
| | | | RH | 24348 | |
| | | Downstream | LH | 22537 | |
| | | | RH | 22537 | |
| 2011-09 | V8-5.4 | Upstream | LH | 24326 | |
| | | | RH | 24348 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| 2008-05 | V8-5.4 | Upstream | LH | 22524 | |
| | | | RH | 22524 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| 2004-03 | All Eng | Upstream | LH | 22060 | |
| | | | RH | 22060 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| 2002-01 | V8-4.6 | Upstream | LH | 22060 | |
| | | | RH | 22060 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--------------------------------------|----------|---------------|---------------|--------|
| FORD (Cont'd) | | | | |
| Expedition (Cont'd) | | | | |
| 2002-01 | V8-4.6 | Downstream | LH | 22500 |
| | | | RH | 22500 |
| | V8-5.4 | Upstream | LH | 22524 |
| | | | RH | 22524 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 2000-99 | All Engs | Upstream | LH | 22060 |
| | | | RH | 22060 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 1998-97 | All Engs | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| Explorer, Explorer Sport Trac | | | | |
| 2018 | L4-2.3 | Upstream | | 24334 |
| | | Downstream | | 22542 |
| | V6-3.7 | Upstream | LH | 27014 |
| | | | RH | 27014 |
| | | Downstream | LH | 22052 |
| | | | RH | 22052 |
| 2017 | L4-2.3 | Upstream | | 24334 |
| | | Downstream | | 22542 |
| | V6-3.5 | Upstream | LH Turbo | 24348 |
| | | | RH Turbo | 24348 |
| | | | RH Non-Turbo | 27014 |
| | | Downstream | LH Turbo | 22134 |
| | | | RH Turbo | 22139 |
| | | | RH Non-Turbo | 22052 |
| | V6-3.7 | Upstream | LH | 27014 |
| | | | RH | 27014 |
| | | Downstream | LH | 22052 |
| | | | RH | 22052 |
| 2016 | L4-2.3 | Upstream | | 24334 |
| | | Downstream | | 22542 |
| | V6-3.5 | Upstream | LH Turbo | 24348 |
| | | | RH Turbo | 24348 |
| | | | RH Non-Turbo | 27014 |
| | | Downstream | LH Turbo | 22134 |
| | | | RH Turbo | 22139 |
| | | | RH Non-Turbo | 22135 |
| | V6-3.7 | Upstream | LH | 27014 |
| | | | RH | 27014 |
| | | Downstream | LH | 22135 |
| | | | RH | 22135 |
| 2015-13 | L4-2.0 | Upstream | | 24325 |
| | | Downstream | | 22536 |
| | V6-3.5 | Upstream | LH Turbo | 24348 |
| | | | RH Turbo | 24348 |
| | | | LH Non-Turbo | 24397 |
| | | | RH Non-Turbo | 24397 |
| | | Downstream | LH Turbo | 22134 |
| | | | RH Turbo | 22139 |
| | | | LH Non-Turbo | 22135 |
| | | | RH Non-Turbo | 22135 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|------------|---------------|-----------------------------------|--------|
| FORD (Cont'd) | | | | |
| Explorer, Explorer Sport Trac (Cont'd) | | | | |
| 2015-13 | V6-3.7 | Upstream | LH | 24397 |
| | | | RH | 24397 |
| | | Downstream | LH | 22135 |
| | | | RH | 22135 |
| 2012 | L4-2.0 | Upstream | | 24325 |
| | | Downstream | | 22536 |
| | V6-3.5 | Upstream | LH | 24397 |
| | | | RH | 24397 |
| | Downstream | LH | 22134 | |
| | | RH | 22134 | |
| 2011 | V6-3.5 | Upstream | LH | 24387 |
| | | | RH | 24387 |
| | | Downstream | LH | 22134 |
| | | | RH | 22134 |
| 2010-06 | All Engs | Upstream | LH | 22524 |
| | | | RH | 22524 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 2005-04 | V6-4.0 | Upstream | LH | 22524 |
| | | | RH | 22524 |
| | | Downstream | LH Sport & Sport Trac Models | 22524 |
| | | | RH Sport & Sport Trac Models | 22500 |
| | | | RH Sport & Sport Trac Models | 22524 |
| | | | RH Exc. Sport & Sport Trac Models | 22500 |
| | V8-4.6 | Upstream | LH | 22524 |
| | | | RH | 22524 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| | | | LH Sport & Sport Trac Models | 22524 |
| | | | RH Sport & Sport Trac Models | 22060 |
| 2003-02 | V6-4.0 | Upstream | LH Sport & Sport Trac Models | 22524 |
| | | | RH Sport & Sport Trac Models | 22060 |
| | | Downstream | LH Sport & Sport Trac Models | 22524 |
| | | | RH Sport & Sport Trac Models | 22060 |
| | | | LH Exc. Sport & Sport Trac Models | 22500 |
| | | | RH Exc. Sport & Sport Trac Models | 22500 |
| | V8-4.6 | Upstream | LH | 22060 |
| | | | RH | 22060 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| | | | LH Sport & Sport Trac Models | 22500 |
| | | | RH Sport & Sport Trac Models | 22500 |
| 2001 | All Engs | Upstream | LH | 22524 |
| | | | RH | 22524 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 2000-99 | V6-4.0 | Upstream | LH | 22524 |
| | | | RH | 22524 |
| | | Downstream | OHV; A/T | 22503 |
| | | | OHV; M/T | 22501 |
| | V8-5.0 | Upstream | LH | 22524 |
| | | | RH | 22524 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 1998 | V6-4.0 | Upstream | LH OHV | 22500 |
| | | | RH SOHC | 22503 |
| | | Downstream | LH OHV | 22500 |
| | | | RH SOHC | 22500 |
| | | OHV; A/T | LH | 22503 |
| | | | RH | 22501 |
| | | OHV; M/T | LH | 22500 |
| | | | RH | 22500 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|----------|---------------|-----------------------|--------|
| FORD (Cont'd) | | | | |
| Explorer, Explorer Sport Trac (Cont'd) | | | | |
| 1998 | V8-5.0 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 1997 | V6-4.0 | Upstream | LH OHV | 22500 |
| | | | SOHC | 22501 |
| | | | RH OHV | 22500 |
| | | SOHC | 22501 | |
| | | Downstream | OHV; A/T | 22503 |
| | | | OHV; M/T | 22501 |
| | LH SOHC | | 22500 | |
| | V8-5.0 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | Downstream | LH | 22500 |
| RH | | | 22500 | |
| 1996 | V6-4.0 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | Downstream | 22501 | |
| | V8-5.0 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | Downstream | 22500 | |
| 1995 | V6-4.0 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 1994-93 | V6-4.0 | Upstream | LH | 22503 |
| | | | RH | 22503 |
| | | | | 22503 |
| 1992-91 | V6-4.0 | Upstream | | 22503 |
| Fairmont | | | | |
| 1983-79 | All Engs | Upstream | | 23552 |
| Falcon, Falcon Sedan Delivery, Ranchero | | | | |
| 1979 | V8-5.8 | Upstream | | 23552 |
| Festiva | | | | |
| 1993-90 | L4-1.3 | Upstream | | 22043 |
| 1989-88 | L4-1.3 | Upstream | | 24006 |
| Fiesta | | | | |
| 2017-14 | L3-1.0 | Upstream | | 24326 |
| | | Downstream | | 22539 |
| | L4-1.6 | Upstream | Turbo | 24348 |
| | | | Non-Turbo; 4 Pin Plug | 22138 |
| | | | Non-Turbo; 6 Pin Plug | 24348 |
| | | Downstream | Turbo | 22538 |
| | | Non-Turbo | 22138 | |
| 2013-11 | L4-1.6 | Upstream | | 22138 |
| | | Downstream | | 22138 |
| Five Hundred | | | | |
| 2007-05 | V6-3.0 | Upstream | LH | 22060 |
| | | | RH | 22060 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| Flex | | | | |
| 2017-16 | V6-3.5 | Upstream | LH Turbo | 24348 |
| | | | Non-Turbo | 27014 |
| | | | RH Turbo | 24348 |
| | | | Non-Turbo | 27014 |
| | | Downstream | LH Turbo | 22134 |
| | | | Non-Turbo | 22052 |
| | | | RH Turbo | 22139 |
| | | | Non-Turbo | 22052 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|----------------------|---------------------------------------|---------------------------------------|--|--------|----------|-----------|-------|
| FORD (Cont'd) | | | | | | | |
| Flex (Cont'd) | | | | | | | |
| 2015-13 | V6-3.5 | Upstream | LH Turbo | 24348 | | | |
| | | | Non-Turbo | 24397 | | | |
| | | | RH Turbo | 24348 | | | |
| | | | Non-Turbo | 24397 | | | |
| | | Downstream | LH Turbo | 22134 | | | |
| | | | Non-Turbo | 22135 | | | |
| | | | RH Turbo | 22139 | | | |
| | | | Non-Turbo | 22135 | | | |
| | | | 2012-11 | V6-3.5 | Upstream | LH Turbo | 24348 |
| | | | | | | Non-Turbo | 24325 |
| 2010 | V6-3.5 | Upstream | RH Turbo | 24348 | | | |
| | | | Non-Turbo | 24325 | | | |
| | | Downstream | LH | 22500 | | | |
| | | | RH Turbo | 22009 | | | |
| 2009 | V6-3.5 | Upstream | LH | 24325 | | | |
| | | | RH | 24325 | | | |
| | | Downstream | LH | 22500 | | | |
| | | | RH | 22500 | | | |
| Focus | | | | | | | |
| 2018 | L4-2.3 | Upstream | | 24334 | | | |
| | | Downstream | | 22542 | | | |
| 2017-16 | L3-1.0 | Upstream | | 24328 | | | |
| | | Downstream | | 22542 | | | |
| | L4-2.0 | Upstream | Turbo | 24325 | | | |
| | | Non-Turbo | 24348 | | | | |
| | Downstream | | | 22536 | | | |
| | | L4-2.3 | Upstream | | 24334 | | |
| | Downstream | | 22542 | | | | |
| 2015 | L3-1.0 | Upstream | | 24328 | | | |
| | | Downstream | | 22542 | | | |
| | L4-2.0 | Upstream | Turbo | 24325 | | | |
| | | Non-Turbo | 24348 | | | | |
| Downstream | | | 22536 | | | | |
| | 2014-13 | L4-2.0 | Upstream | Turbo | 24325 | | |
| Non-Turbo | | | 24348 | | | | |
| Downstream | | | 22536 | | | | |
| | 2012 | L4-2.0 | Upstream | | 24348 | | |
| Downstream | | | | 22536 | | | |
| 2011-08 | L4-2.0 | Upstream | | 22015 | | | |
| | | Downstream | | 22124 | | | |
| 2007 | L4-2.0 | Upstream | Loc. in Mnfd | 22015 | | | |
| | | Downstream | Attaches Through Heat Shield in Cat. | 22124 | | | |
| | | Attaches Below Heat Shield After Cat. | 22007 | | | | |
| | L4-2.3 | Upstream | Loc. in Mnfd | 22015 | | | |
| Downstream | | Attaches Through Heat Shield in Cat. | 22124 | | | | |
| | Attaches Below Heat Shield After Cat. | 22007 | | | | | |
| 2006 | L4-2.0 | Upstream | Loc. in Mnfd; w/PZEV Evap. Emissions | 22125 | | | |
| | | | Loc. in Mnfd; w/o PZEV Evap. Emissions | 22015 | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------|---------------------------------------|---------------|---------------------------------------|--------------|
| FORD (Cont'd) | | | | |
| Focus (Cont'd) | | | | |
| 2006 | L4-2.0 | Downstream | Attaches Through Heat Shield in Cat. | 22124 |
| | | | Attaches Below Heat Shield After Cat. | 22007 |
| | L4-2.3 | Upstream | Loc. in Mnfd | 22125 |
| | | Downstream | Attaches Through Heat Shield in Cat. | 22124 |
| | | | Attaches Below Heat Shield After Cat. | 22007 |
| | 2005 | L4-2.0 | Upstream | Loc. in Mnfd |
| Downstream | | | Attaches Through Heat Shield in Cat. | 22124 |
| | | | Attaches Below Heat Shield After Cat. | 22007 |
| L4-2.3 | | Upstream | Loc. in Mnfd | 22125 |
| | | Downstream | Attaches Through Heat Shield in Cat. | 22124 |
| | | | Attaches Below Heat Shield After Cat. | 22007 |
| 2004 | L4-2.0 | Upstream | | 22060 |
| | | Downstream | | 22500 |
| | L4-2.3 | Upstream | Loc. in Mnfd | 22125 |
| | | Downstream | Attaches Through Heat Shield in Cat. | 22124 |
| | Attaches Below Heat Shield After Cat. | | 22007 | |
| 2003 | L4-2.0 | Upstream | | 22060 |
| | | Downstream | SOHC | 22500 |
| | | | DOHC | 22106 |
| | L4-2.3 | Upstream | Loc. in Mnfd | 22125 |
| | | Downstream | Attaches Through Heat Shield in Cat. | 22124 |
| | | | Attaches Below Heat Shield After Cat. | 22007 |
| 2002-01 | L4-2.0 | Upstream | | 22060 |
| | | Downstream | SOHC | 22500 |
| | | | DOHC | 22106 |
| 2000 | L4-2.0 | Upstream | | 22060 |
| | | Downstream | | 22500 |
| Freestar | | | | |
| 2007-04 | V6-3.9 | Upstream | LH | 22524 |
| | | | RH | 22524 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| | V6-4.2 | Upstream | LH | 22524 |
| | | | RH | 22524 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| Freestyle | | | | |
| 2007-05 | V6-3.0 | Upstream | LH | 22060 |
| | | | RH | 22060 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| F Series Pickup | | | | |
| 2018 | V6-3.3 | Upstream | LH | 27080 |
| | | | RH | 27079 |
| | | Downstream | LH | 22069 |
| | | | RH | 22069 |
| 2016 | V6-2.7 | Upstream | LH | 24334 |
| | | | RH | 24334 |
| | | Downstream | LH | 22052 |
| | | | RH | 22052 |
| | V6-3.5 | Upstream | LH Turbo | 24326 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---------------------------------|------------|-----------------|-----------------|-----------|-------|-------|
| FORD (Cont'd) | | | | | | |
| F Series Pickup (Cont'd) | | | | | | |
| 2016 | V6-3.5 | Upstream | LH Non-Turbo | 27018 | | |
| | | | RH Turbo | 24348 | | |
| | | | RH Non-Turbo | 27018 | | |
| | | Downstream | LH | Turbo | 22541 | |
| | | | | Non-Turbo | 22052 | |
| | | | | RH Turbo | 22541 | |
| | | | RH Non-Turbo | 22052 | | |
| | | | V8-5.0 | Upstream | LH | 27063 |
| | | | | | RH | 27018 |
| | | Downstream | | LH | 22052 | |
| | | | RH | 22052 | | |
| | | V8-6.2 | Upstream | LH | 24325 | |
| | RH | | | 24325 | | |
| | LH | | | 22537 | | |
| | Downstream | | RH | 22537 | | |
| | | | LH | 24348 | | |
| | | | RH | 24348 | | |
| | V10-6.8 | Upstream | LH | 24348 | | |
| | | | RH | 24348 | | |
| | | Downstream | | 22537 | | |
| | 2015 | V6-2.7 | Upstream | LH | 24334 | |
| | | | | RH | 24334 | |
| | | | Downstream | LH | 22052 | |
| | | | | RH | 22052 | |
| V6-3.5 | | Upstream | LH Turbo | 24326 | | |
| | | | RH Turbo | 24348 | | |
| | | | RH Non-Turbo | 27018 | | |
| | | Downstream | LH Turbo | 22541 | | |
| | | | RH Turbo | 22541 | | |
| | | | RH Non-Turbo | 22052 | | |
| V8-5.0 | | Upstream | LH To 7/25/15 | 27038 | | |
| | | | RH From 7/26/15 | 27063 | | |
| | RH | | 27018 | | | |
| | Downstream | LH | 22052 | | | |
| | | RH | 22052 | | | |
| | | | | | | |
| V8-6.2 | Upstream | LH | 24325 | | | |
| | | RH | 24325 | | | |
| | | LH | 22537 | | | |
| | Downstream | RH | 22537 | | | |
| | | LH | 24348 | | | |
| | | RH | 24348 | | | |
| 2014-13 | V6-3.5 | Upstream | LH | 24326 | | |
| | | | RH | 24348 | | |
| | | | LH | 22135 | | |
| | | Downstream | RH | 22135 | | |
| | | | LH | 24397 | | |
| | | | RH | 24397 | | |
| | V6-3.7 | Upstream | LH | 24397 | | |
| | | | RH | 24397 | | |
| | | | LH | 22135 | | |
| | | Downstream | RH | 22135 | | |
| | | | LH | 24326 | | |
| | | | RH | 24348 | | |
| V8-5.0 | Upstream | LH | 24326 | | | |
| | | RH | 24348 | | | |
| | | LH | 22535 | | | |
| | Downstream | RH | 22535 | | | |
| | | LH | 24326 | | | |
| | | RH | 24325 | | | |
| V8-6.2 | Upstream | LH F-150 | 24326 | | | |
| | | RH F-250, F-350 | 24325 | | | |
| | | RH F-150 | 24348 | | | |
| | Downstream | RH F-250, F-350 | 24325 | | | |
| | | LH F-150 | 22535 | | | |
| | | RH F-250, F-350 | 22537 | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------------|------------|---------------|---------------|--------|-------|
| FORD (Cont'd) | | | | | |
| F Series Pickup (Cont'd) | | | | | |
| 2014-13 | V8-6.2 | Downstream | RH F-150 | 22535 | |
| | | | F-250, F-350 | 22537 | |
| | V10-6.8 | Upstream | LH | 24348 | |
| | | | RH | 24348 | |
| | Downstream | F-450, F-550 | 22537 | | |
| | | F-450, F-550 | 22537 | | |
| | | F53 | 22500 | | |
| | 2012 | V6-3.5 | Upstream | LH | 24326 |
| | | | | RH | 24348 |
| | | | Downstream | LH | 22135 |
| RH | | | | 22135 | |
| V6-3.7 | | Upstream | LH | 24397 | |
| | | | RH | 24397 | |
| | | Downstream | LH | 22135 | |
| | | | RH | 22135 | |
| V8-5.0 | | Upstream | LH | 24326 | |
| | | | RH | 24348 | |
| | | Downstream | LH | 22535 | |
| | | | RH | 22535 | |
| V8-6.2 | Upstream | LH F-150 | 24326 | | |
| | | F-250, F-350 | 24325 | | |
| | | RH F-150 | 24348 | | |
| | | F-250, F-350 | 24325 | | |
| | Downstream | LH F-150 | 22535 | | |
| | | F-250, F-350 | 22537 | | |
| | | RH F-150 | 22535 | | |
| | | F-250, F-350 | 22537 | | |
| V10-6.8 | Upstream | LH | 24348 | | |
| | | RH | 24348 | | |
| | Downstream | | 22500 | | |
| | | | | | |
| 2011 | V6-3.5 | Upstream | LH | 24326 | |
| | | | RH | 24348 | |
| | | Downstream | LH | 22135 | |
| | | | RH | 22135 | |
| | V6-3.7 | Upstream | LH | 24397 | |
| | | | RH | 24397 | |
| | | Downstream | LH | 22135 | |
| | | | RH | 22135 | |
| | V8-5.0 | Upstream | LH | 24326 | |
| | | | RH | 24348 | |
| | | Downstream | LH | 22535 | |
| | | | RH | 22535 | |
| | V8-6.2 | Upstream | LH F-150 | 24326 | |
| | | | F-250, F-350 | 24325 | |
| | | | RH F-150 | 24348 | |
| | | | F-250, F-350 | 24325 | |
| | | Downstream | LH F-150 | 22535 | |
| | | | F-250, F-350 | 22500 | |
| RH F-150 | | | 22535 | | |
| F-250, F-350 | | | 22500 | | |
| V10-6.8 | Upstream | LH | 24348 | | |
| | | RH | 24348 | | |
| | Downstream | | 22500 | | |
| | | | | | |
| 2010 | V8-4.6 | Upstream | LH 16V Eng | 24348 | |
| | | | 24V Eng | 24326 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| | V8-5.4 | Upstream | LH F-150 | 24326 | |
| | | | F-250, F-350 | 22012 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22012 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------------|------------|--------------------------------|--------------------------------|------------|-------|
| FORD (Cont'd) | | | | | |
| F Series Pickup (Cont'd) | | | | | |
| 2010 | V8-5.4 | Upstream | RH F-150 | 24348 | |
| | | | F-250, F-350 | 22012 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| | | V8-6.2 | Upstream | LH | 24326 |
| | | | | RH | 24348 |
| | Downstream | | LH w/Electronic Transfer Case | 22500 | |
| | | | w/Manual Transfer Case | 22501 | |
| | V10-6.8 | Upstream | LH | 22012 | |
| | | | RH | 22012 | |
| | | | RH | 22500 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| | | | RH | 22500 | |
| | 2009 | V8-4.6 | Upstream | LH 16V Eng | 24348 |
| | | | | 24V Eng | 24326 |
| | | | | RH | 24348 |
| | | | Downstream | LH | 22500 |
| RH | | | | 22500 | |
| RH | | | | 22500 | |
| V8-5.4 | | Upstream | LH F-150 | 24326 | |
| | | | F-250, F-350 | 22012 | |
| | | | RH F-150 | 24348 | |
| | | Downstream | LH F-250, F-350 | 22012 | |
| | | | LH | 22500 | |
| | | | RH | 22500 | |
| V10-6.8 | Upstream | LH | 22012 | | |
| | | RH | 22012 | | |
| | | RH | 22500 | | |
| | Downstream | LH | 22500 | | |
| | | RH | 22500 | | |
| | | RH | 22500 | | |
| 2008-05 | V6-4.2 | Upstream | LH | 22524 | |
| | | | RH | 22524 | |
| | | Downstream | LH | 22524 | |
| | RH | | 22524 | | |
| | V8-4.6 | Upstream | LH | 22524 | |
| | | | RH | 22524 | |
| Downstream | | LH | 22524 | | |
| | RH | 22524 | | | |
| V8-5.4 | Upstream | LH F-150 | 22524 | | |
| | | F-250, F-350 | 22012 | | |
| | | RH F-150 | 22524 | | |
| | Downstream | LH F-250, F-350 | 22012 | | |
| | | LH F-150 | 22524 | | |
| | | RH F-250, F-350 | 22500 | | |
| V10-6.8 | Upstream | LH | 22012 | | |
| | | RH | 22012 | | |
| | | RH | 22500 | | |
| | Downstream | LH | 22500 | | |
| | | RH | 22500 | | |
| | | RH | 22500 | | |
| 2004 | V6-4.2 | Upstream | LH | 22060 | |
| | | | RH | 22060 | |
| | | Downstream | LH | 22500 | |
| | RH | | 22500 | | |
| | V8-4.6 | Upstream | LH Heritage (Carryover) Models | 22060 | |
| | | | Exc. Heritage (New) Models | 22524 | |
| RH Heritage (Carryover) Models | | | 22060 | | |
| Downstream | | LH Exc. Heritage (New) Models | 22524 | | |
| | | RH Heritage (Carryover) Models | 22500 | | |
| | | Exc. Heritage (New) Models | 22524 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---------------------------------|---------|---------------|---|----------|-------|-------|
| FORD (Cont'd) | | | | | | |
| F Series Pickup (Cont'd) | | | | | | |
| 2004 | V8-5.4 | Upstream | LH F-150; 16V Eng (Heritage & Lightning Models) | 22524 | | |
| | | | F-150; 24V Eng (New P2 Platform) | 22524 | | |
| | | | F-250, F-350 | 22060 | | |
| | | | RH F-150; 16V Eng (Heritage & Lightning Models) | 22524 | | |
| | | | F-150; 24V Eng (New P2 Platform) | 22524 | | |
| | | | F-250, F-350 | 22060 | | |
| | | Downstream | LH F-150; 16V Eng (Heritage & Lightning Models) | 22500 | | |
| | | | F-150; 24V Eng (New P2 Platform) | 22524 | | |
| | | | F-250, F-350 | 22500 | | |
| | | | RH F-150; 16V Eng (Heritage & Lightning Models) | 22500 | | |
| | | | F-150; 24V Eng (New P2 Platform) | 22524 | | |
| | | | F-250, F-350 | 22500 | | |
| | V10-6.8 | Upstream | LH | 22060 | | |
| | | | RH | 22060 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | | | | | |
| | | | | | | |
| | 2003 | V6-4.2 | Upstream | LH | 22524 | |
| | | | | RH | 22524 | |
| | | | Downstream | LH | 22500 | |
| | | | | RH | 22500 | |
| | | | | | | |
| | | | | | | |
| V8-4.6 | | Upstream | LH | 22060 | | |
| | | | RH | 22060 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | | | | | |
| | | | | | | |
| V8-5.4 | | Upstream | LH F-150 | 22524 | | |
| | | | F-250, F-350 | 22060 | | |
| | | | RH F-150 | 22524 | | |
| | | | F-250, F-350 | 22060 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | | | | | |
| | | | | | | |
| V10-6.8 | | Upstream | LH | 22060 | | |
| | | | RH | 22060 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | | | | | |
| | | | | | | |
| 2002 | V6-4.2 | Upstream | LH | 22524 | | |
| | | | RH | 22524 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | | | | | |
| | | | | | | |
| | V8-4.6 | Upstream | LH | 22060 | | |
| | | | RH | 22060 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | | | | | |
| | | | | | | |
| | V8-5.4 | Upstream | LH F-150; Gas & Bi-Fuel | 22060 | | |
| | | | F-150; CNG | 22524 | | |
| | | | F-250, F-350 | 22060 | | |
| | | | RH F-150; Gas & Bi-Fuel | 22060 | | |
| | | | F-150; CNG | 22524 | | |
| | | | F-250, F-350 | 22060 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | | | | | |
| | | | | | | |
| | | | V10-6.8 | Upstream | LH | 22060 |
| | | | | | RH | 22060 |
| Downstream | LH | 22500 | | | | |
| | RH | 22500 | | | | |
| | | | | | | |
| | | | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---------------------------------|------------|--|--|--------|-------|--|
| FORD (Cont'd) | | | | | | |
| F Series Pickup (Cont'd) | | | | | | |
| 2001 | V6-4.2 | Upstream | LH | 22060 | | |
| | | | RH | 22060 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | | | | | |
| | | | | | | |
| | | V8-4.6 | Upstream | LH | 22060 | |
| | | | | RH | 22060 | |
| | | | Downstream | LH | 22500 | |
| | | | | RH | 22500 | |
| | | | | | | |
| | | | | | | |
| | V8-5.4 | Upstream | LH F-150; Bi-Fuel | 22524 | | |
| | | | F-150; CNG | 22060 | | |
| | | | F-150; Gas; Calif. | 22060 | | |
| | | | F-150; Gas; Federal | 22524 | | |
| | | | F-250, F-350 | 22060 | | |
| | | | RH F-150; Bi-Fuel | 22524 | | |
| | | F-150; CNG | 22060 | | | |
| | | F-150; Gas; Calif. | 22060 | | | |
| | | F-150; Gas; Federal | 22524 | | | |
| | | F-250, F-350 | 22060 | | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | | | | | |
| | | | | | | |
| V10-6.8 | Upstream | | LH | 22060 | | |
| | | | RH | 22060 | | |
| | Downstream | LH | 22500 | | | |
| | | RH | 22500 | | | |
| | | | | | | |
| | | | | | | |
| 2000 | V6-4.2 | Upstream | LH Calif. | 22060 | | |
| | | | Federal | 22500 | | |
| | | | RH Calif. | 22060 | | |
| | | | Federal | 22500 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | | | | | | |
| | | | | | | |
| | | V8-4.6 | Upstream | LH | 22060 | |
| | | | | RH | 22060 | |
| | | | Downstream | LH | 22500 | |
| | | | | RH | 22500 | |
| | | | | | | |
| | | | | | | |
| | V8-5.4 | Upstream | LH F-150; Bi-Fuel & CNG | 22060 | | |
| | | | F-150; Gas; Calif. | 22060 | | |
| | | | F-150; Gas; Federal; Supercharged | 22524 | | |
| | | | F-150; Gas; Federal; Exc. Supercharged | 22500 | | |
| | | | F-250, F-350 | 22060 | | |
| | | | RH F-150; Bi-Fuel & CNG | 22060 | | |
| | | F-150; Gas; Calif. | 22060 | | | |
| | | F-150; Gas; Federal; Supercharged | 22524 | | | |
| | | F-150; Gas; Federal; Exc. Supercharged | 22500 | | | |
| | | F-250, F-350 | 22060 | | | |
| Downstream | | LH | 22500 | | | |
| | | RH | 22500 | | | |
| | | | | | | |
| | | | | | | |
| | V10-6.8 | Upstream | LH | 22060 | | |
| | | | RH | 22060 | | |
| Downstream | | LH | 22500 | | | |
| | | RH | 22500 | | | |
| | | | | | | |
| | | | | | | |
| 1999 | V6-4.2 | Upstream | LH Calif. | 22060 | | |
| | | | Federal | 22500 | | |
| | | Downstream | RH Calif. | 22060 | | |
| | | | Federal | 22500 | | |
| | | | LH | 22500 | | |
| | | | RH | 22500 | | |
| | V8-4.6 | Upstream | LH | 22060 | | |
| | | | | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------------|------------|---------------|--------------------------------|---|-------|
| FORD (Cont'd) | | | | | |
| F Series Pickup (Cont'd) | | | | | |
| 1999 | V8-4.6 | Upstream | RH | 22060 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| | V8-5.4 | Upstream | LH | F-150 Lightning (Supercharged) | 22060 |
| | | | | F-150 & F-250; Exc. Supercharged; Calif. | 22060 |
| | | | | F-150 & F-250; Exc. Supercharged; Federal | 22500 |
| | | | RH | Super Duty (Gas & CNG Models) | 22500 |
| | | | | F-150 Lightning (Supercharged) | 22060 |
| | | | | F-150 & F-250; Exc. Supercharged; Calif. | 22060 |
| | | Downstream | LH | F-150 & F-250; Exc. Supercharged; Federal | 22500 |
| | | | | Super Duty (Gas & CNG Models) | 22500 |
| | | | | | 22500 |
| | | | RH | | 22500 |
| | | | | | 22500 |
| | | | | | 22500 |
| | V10-6.8 | Upstream | LH | 22500 | |
| | | | RH | 22500 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| | 1998 | All Eng | Upstream | LH | 22500 |
| | | | | RH | 22500 |
| | | | Downstream | LH | 22500 |
| | | | | RH | 22500 |
| | 1997 | V6-4.2 | Upstream | LH | 22500 |
| RH | | | | 22500 | |
| Downstream | | | LH | 22500 | |
| | | | RH | 22500 | |
| V8-4.6 | | | Upstream | LH | 22500 |
| | | | | RH | 22500 |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| V8-5.4 | | Upstream | LH | 22500 | |
| | | | RH | 22500 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| | | | | 22500 | |
| | | | | 22500 | |
| V8-5.8 | | Upstream | LH | 22500 | |
| | | | RH | 22500 | |
| | Downstream | | 22500 | | |
| | | | 22503 | | |
| V8-7.5 | Upstream | LH | | 22500 | |
| | | | A/T; Calif. | 22503 | |
| | | | A/T; Federal | 22500 | |
| | | RH | M/T | 22500 | |
| | | | Calif. | 22503 | |
| | | | Federal | 22500 | |
| | Downstream | LH | | 22500 | |
| | | | | 22500 | |
| | | | | 22500 | |
| | | RH | | 22500 | |
| | | | | 22500 | |
| | | | | 22500 | |
| 1996 | L6-4.9 | Upstream | Cyls. 1-3 | 22500 | |
| | | | Cyls. 4-6 | 22500 | |
| | | Downstream | | 22503 | |
| | | | | 22503 | |
| | V8-5.0 | Upstream | LH | 22500 | |
| | | | RH | 22500 | |
| | | Downstream | | 22503 | |
| | | | | 22503 | |
| | V8-5.8 | Upstream | LH | GVW Under 8,500 Lbs | 22500 |
| | | | | GVW Over 8,500 Lbs; Calif; A/T | 22500 |
| | | | RH | GVW Over 8,500 Lbs; Federal; A/T | 22503 |
| | | | | GVW Over 8,500 Lbs; M/T | 22503 |
| Downstream | | LH | GVW Under 8,500 Lbs | 22500 | |
| | | | GVW Over 8,500 Lbs; Calif; A/T | 22500 | |
| | | RH | | 22500 | |
| | | | | 22500 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|---------------------------------|------------|---|----------------------------|--|--------------|----------------------------|-------|
| FORD (Cont'd) | | | | | | | |
| F Series Pickup (Cont'd) | | | | | | | |
| 1996 | V8-5.8 | Upstream | LH | GVW Over 8,500 Lbs; Federal; A/T | 22503 | | |
| | | | | GVW Over 8,500 Lbs; M/T | 22503 | | |
| | | | Downstream | | 22503 | | |
| | | V8-7.5 | Upstream | LH | | 22500 | |
| | | | | | A/T; Calif. | 22503 | |
| | | | | RH | A/T; Federal | 22500 | |
| | | | M/T | | 22500 | | |
| | | | Downstream | Calif. | 22503 | | |
| | | | | Federal | 22500 | | |
| | | 1995 | L6-4.9 | Upstream | | 4-Wire Sensor w/10" Lead | 22500 |
| | | | | | | 4-Wire Sensor w/14.5" Lead | 22503 |
| | | | V8-5.0 | Upstream | | 22500 | |
| | V8-5.8 | | Upstream | LH | F-150 | 22500 | |
| | | F-250, F-350; A/T; C6 | | | 22503 | | |
| | | F-250, F-350; Calif; A/T; E4OD | | | 22500 | | |
| | | F-250; Federal; Over 8,500 Lbs GVW; A/T; E4OD | | | 22503 | | |
| | | RH | | F-250; Federal; Under 8,500 Lbs GVW; A/T; E4OD | 22500 | | |
| | | | | F-250, F-350; M/T | 22503 | | |
| | | | | F-350; Federal; A/T; E4OD | 22503 | | |
| | | | | F-150 | 22500 | | |
| | | Downstream | LH | F-250, F-350; A/T; C6 | 22503 | | |
| | | | | F-250, F-350; Calif; A/T; E4OD | 22500 | | |
| | | | | F-250; Federal; Over 8,500 Lbs GVW; A/T; E4OD | 22503 | | |
| | | | | F-250; Federal; Under 8,500 Lbs GVW; A/T; E4OD | 22500 | | |
| | | | RH | F-250, F-350; M/T | 22503 | | |
| | | | | F-350; Federal; A/T; E4OD | 22503 | | |
| | | | | F-250 | 22500 | | |
| | | | | F-350; Federal; A/T; E4OD | 22503 | | |
| | V8-7.5 | Upstream | LH | 22500 | | | |
| | | | RH | 22500 | | | |
| | 1994 | L6-4.9 | Upstream | | 22503 | | |
| | | V8-5.0 | Upstream | | 22500 | | |
| V8-5.8 | | Upstream | | F-150 | 22500 | | |
| | | | | F-350 | 22503 | | |
| V8-7.5 | Upstream | LH | F-250; GVW Under 8,500 Lbs | 22500 | | | |
| | | RH | F-250; GVW Under 8,500 Lbs | 22500 | | | |
| | Downstream | LH | 22500 | | | | |
| | | RH | 22500 | | | | |
| 1993 | L6-4.9 | Upstream | | 22503 | | | |
| | V8-5.0 | Upstream | | 22500 | | | |
| | V8-5.8 | Upstream | | F-150 | 22500 | | |
| | | | | F-350 | 22503 | | |
| | Downstream | LH | F-250; GVW Under 8,500 Lbs | 22500 | | | |
| | | RH | F-250; GVW Under 8,500 Lbs | 22500 | | | |
| V8-7.5 | Upstream | | 22503 | | | | |
| 1992 | L6-4.9 | Upstream | | 22503 | | | |
| | V8-5.0 | Upstream | | 22500 | | | |
| | V8-5.8 | Upstream | | F-150 | 22500 | | |
| | | | | F-250; GVW Over 8,500 Lbs | 22503 | | |
| | | Downstream | | F-350 | 22503 | | |
| | | | LH | F-250; GVW Under 8,500 Lbs | 22500 | | |
| | V8-7.5 | Upstream | RH | F-250; GVW Under 8,500 Lbs | 22500 | | |
| | | | | 4-Wire | 22503 | | |
| | | 3-Wire | 22013 | | | | |
| 1991 | L6-4.9 | Upstream | | 22503 | | | |
| | V8-5.0 | Upstream | | 22500 | | | |
| | V8-5.8 | Upstream | | F-150 | 22500 | | |
| | | | | F-250; GVW Over 8,500 Lbs | 22503 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------------|-------------|--------------------|-------------------------------|--------------------|-------|
| FORD (Cont'd) | | | | | |
| F Series Pickup (Cont'd) | | | | | |
| 1991 | V8-5.8 | Upstream | F-350 | 22503 | |
| | | | LH F-250; GVW Under 8,500 Lbs | 22500 | |
| | | | RH F-250; GVW Under 8,500 Lbs | 22500 | |
| | V8-7.5 | Upstream | 3-Wire | 22013 | |
| | | | 4-Wire | 22503 | |
| | 1990 | L6-4.9 | Upstream | 4-Wire; 10" Lgth | 22500 |
| | | | | 4-Wire; 14.5" Lgth | 22503 |
| | | V8-5.0 | Upstream | 3-Wire | 22013 |
| | | | | 4-Wire | 22500 |
| | | V8-5.8 | Upstream | F-150 | 22500 |
| F-250; GVW Over 8,500 Lbs | | | | 22503 | |
| F-350 | | | | 22503 | |
| LH F-250; GVW Under 8,500 Lbs | | | | 22500 | |
| RH F-250; GVW Under 8,500 Lbs | | | | 22500 | |
| V8-7.5 | | Upstream | 3-Wire | 22013 | |
| | 4-Wire | | 22503 | | |
| 1989-87 | All Engs | Upstream | | 22013 | |
| 1986 | All Engs | Upstream | 1-Wire | 22534 | |
| | | | 3-Wire | 22013 | |
| 1985-84 | All Engs | Upstream | 1-Wire (7" Pigtail) | 23552 | |
| | | | 1-Wire (15" Pigtail) | 22534 | |
| 1983-80 | All Engs | Upstream | | 23552 | |
| Fusion | | | | | |
| 2018 | L4-1.5 | Upstream | | 24334 | |
| | | | Downstream | 22542 | |
| | L4-2.5 | Upstream | | 27065 | |
| | | | Downstream | 22146 | |
| | V6-2.7 | Upstream | LH | 24334 | |
| | | | RH | 24334 | |
| | | Downstream | LH | 22052 | |
| | | | RH | 22052 | |
| | 2017 | L4-1.5 | Upstream | | 24334 |
| | | | | Downstream | 22542 |
| L4-2.0 | | Upstream | Hybrid (Non-Turbo) | 24348 | |
| | | | Gas (Turbo) | 24334 | |
| | | Downstream | Hybrid (Non-Turbo) | 22141 | |
| | | | Gas (Turbo) | 22542 | |
| L4-2.5 | | Upstream | | 27065 | |
| | | | Downstream | 22146 | |
| V6-2.7 | | Upstream | LH | 24334 | |
| | | | RH | 24334 | |
| | Downstream | LH | 22052 | | |
| | | RH | 22052 | | |
| 2016-15 | L4-1.5 | Upstream | | 24334 | |
| | | | Downstream | 22541 | |
| | L4-2.0 | Upstream | Hybrid (Non-Turbo) | 24348 | |
| | | | Gas (Turbo) | 24325 | |
| | | Downstream | Hybrid (Non-Turbo) | 22141 | |
| | | | Gas (Turbo) | 22536 | |
| | L4-2.5 | Upstream | | 27013 | |
| | | | Downstream | 22141 | |
| | 2014 | L4-1.5 | Upstream | | 24334 |
| | | | | Downstream | 22541 |
| L4-1.6 | | Upstream | | 24348 | |
| | | | Downstream | 22536 | |
| | | | Downstream | 22536 | |
| L4-2.0 | | Upstream | Hybrid (Non-Turbo) | 24348 | |
| | Gas (Turbo) | | 24325 | | |
| | Downstream | Hybrid (Non-Turbo) | 22141 | | |
| | | Gas (Turbo) | 22536 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------|-------------|--------------------|--------------------|--------------|
| FORD (Cont'd) | | | | |
| Fusion (Cont'd) | | | | |
| 2014 | L4-2.5 | Upstream | | 27013 |
| | | Downstream | | 22141 |
| 2013 | L4-1.6 | Upstream | | 24348 |
| | | Downstream | | 22536 |
| | L4-2.0 | Upstream | Hybrid (Non-Turbo) | 24348 |
| | | | Gas (Turbo) | 24325 |
| | Downstream | Hybrid (Non-Turbo) | 22141 | |
| | | Gas (Turbo) | 22536 | |
| | L4-2.5 | Upstream | | 27001 |
| | | | Downstream | |
| 2012-11 | L4-2.5 | Upstream | Gas; A/T | 24388 |
| | | | Gas; M/T | 22136 |
| | | | Hybrid | 24348 |
| | Downstream | | 22135 | |
| | | V6-3.0 | Upstream | F |
| | R | | | 24387 |
| | Downstream | F | 22135 | |
| | | R | 22134 | |
| | V6-3.5 | Upstream | LH | 22137 |
| | | | RH | 22137 |
| Downstream | | LH | 22134 | |
| | | RH | 22134 | |
| 2010 | L4-2.5 | Upstream | Gas; A/T | 24388 |
| | | | Gas; M/T | 22012 |
| | | | Hybrid | 24348 |
| | | | Gas | 22009 |
| | Downstream | Hybrid | 22500 | |
| | | V6-3.0 | Upstream | LH To 8/3/09 |
| | From 8/3/09 | | | 24387 |
| | Downstream | | RH To 8/3/09 | 24384 |
| | | | From 8/3/09 | 24387 |
| | Downstream | LH | 22500 | |
| RH | | 22500 | | |
| V6-3.5 | Upstream | LH | 22046 | |
| | | RH | 22046 | |
| | Downstream | LH | 22500 | |
| | | RH | 22500 | |
| 2009-08 | L4-2.3 | Upstream | | 22012 |
| | | Downstream | | 22500 |
| | V6-3.0 | Upstream | LH | 22012 |
| | | | RH | 22012 |
| | | Downstream | LH | 22500 |
| | | | RH AWD | 22500 |
| FWD | 22009 | | | |
| 2007 | L4-2.3 | Upstream | | 22012 |
| | | Downstream | | 22500 |
| | V6-3.0 | Upstream | LH | 22012 |
| | | | RH | 22012 |
| | | Downstream | LH | 22500 |
| | | | RH AWD | 22500 |
| To 9/4/06; FWD | 22500 | | | |
| From 9/4/06; FWD | 22009 | | | |
| 2006 | L4-2.3 | Upstream | | 22012 |
| | | Downstream | | 22500 |
| | V6-3.0 | Upstream | LH | 22012 |
| | | | RH | 22012 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------|------------|---------------|---------------|--------------------|-------|
| FORD (Cont'd) | | | | | |
| Granada | | | | | |
| 1982-80 | All Engs | Upstream | | 23552 | |
| GT, GT40 | | | | | |
| 2017 | V6-3.5 | Upstream | LH | 24334 | |
| | | | RH | 24334 | |
| | | Downstream | LH | 22542 | |
| | | | RH | 22542 | |
| 2006-05 | V8-5.4 | Upstream | LH | 22060 | |
| | | | RH | 22060 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| Mustang | | | | | |
| 2018 | L4-2.3 | Upstream | | 24334 | |
| | | Downstream | | 22540 | |
| | V8-5.2 | Upstream | LH | 27030 | |
| | | | RH | 27031 | |
| | | Downstream | LH | 22051 | |
| | | | RH | 22051 | |
| 2017 | L4-2.3 | Upstream | | 24334 | |
| | | Downstream | | 22541 | |
| | V6-3.7 | Upstream | LH | 27014 | |
| | | | RH | 27014 | |
| | | Downstream | LH | 22145 | |
| | | | RH | 22145 | |
| V8-5.0 | Upstream | LH | 27022 | | |
| | | RH | 27019 | | |
| | Downstream | LH | 22052 | | |
| | | RH | 22052 | | |
| | | V8-5.2 | Upstream | LH | 27030 |
| | | | | RH | 27031 |
| Downstream | LH | 22051 | | | |
| | RH | 22051 | | | |
| 2016 | L4-2.3 | Upstream | | 24334 | |
| | | Downstream | | 22541 | |
| | V6-3.7 | Upstream | LH | 27014 | |
| | | | RH | 27014 | |
| | | Downstream | LH | 22145 | |
| | | | RH | 22145 | |
| | V8-5.0 | Upstream | LH | 27022 | |
| | | | RH | A/T | 27023 |
| | | | M/T | 27019 | |
| | | Downstream | LH | A/T | 22053 |
| | | | M/T | 22052 | |
| | | | RH | A/T | 22053 |
| M/T | | 22052 | | | |
| | V8-5.2 | Upstream | LH | 27030 | |
| RH | | | 27031 | | |
| Downstream | | LH | 22051 | | |
| | | RH | 22051 | | |
| 2015 | L4-2.3 | Upstream | | 24334 | |
| | | Downstream | | 22541 | |
| | V6-3.7 | Upstream | LH | 27014 | |
| | | | RH | 27014 | |
| | | Downstream | LH | To 7/19/15 | 22051 |
| | | | From 7/20/15 | 22145 | |
| | | | RH | To 7/19/15 | 22051 |
| | | | From 7/20/15 | 22145 | |
| | V8-5.0 | Upstream | LH | 27022 | |
| | | | RH | A/T; To 10/29/14 | 27018 |
| | | Downstream | LH | A/T; From 10/29/14 | 27023 |
| | | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|------------|---------------|---------------|----------|-------|
| FORD (Cont'd) | | | | | |
| Mustang (Cont'd) | | | | | |
| 2015 | V8-5.0 | Upstream | LH | M/T | 27019 |
| | | | Downstream | LH | A/T |
| | | Downstream | | M/T | 22052 |
| | | | RH | A/T | 22053 |
| | | | M/T | 22052 | |
| | V8-5.2 | Upstream | LH | | 27030 |
| | | | RH | | 27031 |
| | | Downstream | LH | | 22051 |
| | | | RH | | 22051 |
| | 2014-13 | V6-3.7 | Upstream | LH | |
| RH | | | | | 24397 |
| Downstream | | | LH | | 22135 |
| | | | RH | | 22135 |
| | | | V8-5.0 | Upstream | LH |
| RH | | 24348 | | | |
| Downstream | | LH | 22135 | | |
| | | RH | 22135 | | |
| | | V8-5.8 | Upstream | LH | 24325 |
| | | | | RH | 24325 |
| Downstream | LH | 22135 | | | |
| | RH | 22135 | | | |
| 2012 | V6-3.7 | Upstream | LH | 24397 | |
| | | | RH | 24397 | |
| | | Downstream | LH | 22135 | |
| | | | RH | 22135 | |
| | | | V8-5.0 | Upstream | LH |
| | RH | 24348 | | | |
| | Downstream | LH | 22135 | | |
| | | RH | 22135 | | |
| | | V8-5.4 | Upstream | LH | 24325 |
| | RH | | | 24325 | |
| Downstream | LH | | 22135 | | |
| | RH | | 22135 | | |
| 2011 | V6-3.7 | Upstream | LH | 24387 | |
| | | | RH | 24387 | |
| | | Downstream | LH | 22135 | |
| | | | RH | 22135 | |
| | | | V8-5.0 | Upstream | LH |
| | RH | 24348 | | | |
| | Downstream | LH | 22135 | | |
| | | RH | 22135 | | |
| | | V8-5.4 | Upstream | LH | 24325 |
| | RH | | | 24325 | |
| Downstream | LH | | 22135 | | |
| | RH | | 22135 | | |
| 2010-99 | All Engs | Upstream | LH | 22060 | |
| | | | RH | 22060 | |
| | | | Downstream | LH | 22500 |
| | | RH | 22500 | | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| 1998-96 | All Engs | Upstream | LH | 22016 | |
| | | | RH | 22016 | |
| | | | Downstream | LH | 22500 |
| | | RH | 22500 | | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| 1995 | V6-3.8 | Upstream | LH | 22016 | |
| | | | RH | 22016 | |
| | | Downstream | LH | 22500 | |
| | V8-5.0 | Upstream | LH | 22500 | |
| | | | RH | 22500 | |
| | | Downstream | LH | 22500 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|------------|-----------------|----------------------------------|------------|-------|
| FORD (Cont'd) | | | | | |
| Mustang (Cont'd) | | | | | |
| 1995 | V8-5.0 | Downstream | RH | 22500 | |
| | V8-5.8 | Upstream | LH | 22016 | |
| | | | RH | 22016 | |
| 1994 | V6-3.8 | Upstream | LH | 22016 | |
| | | | RH | 22016 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| | V8-5.0 | Upstream | LH | 22500 | |
| | | | RH | 22500 | |
| 1993-91 | L4-2.3 | Upstream | | 22500 | |
| | V8-5.0 | Upstream | LH | 22013 | |
| | | | RH | 22013 | |
| 1990 | L4-2.3 | Upstream | Calif. | 22500 | |
| | | | Federal | 22013 | |
| | V8-5.0 | Upstream | LH | 22013 | |
| | | | RH | 22013 | |
| 1989-87 | L4-2.3 | Upstream | | 22013 | |
| | V8-5.0 | Upstream | LH | 22013 | |
| | | | RH | 22013 | |
| 1986 | L4-2.3 | Upstream | Turbo | 22014 | |
| | | | Non-Turbo | 23552 | |
| | V6-3.8 | Upstream | | 23552 | |
| | V8-5.0 | Upstream | LH | 22014 | |
| RH | | | 22014 | | |
| 1985-84 | All Engs | Upstream | 1-Wire | 23552 | |
| | | | 3-Wire | 22014 | |
| 1983-79 | All Engs | Upstream | | 23552 | |
| Pinto | | | | | |
| 1980-79 | L4-2.3 | Upstream | | 23552 | |
| Probe | | | | | |
| 1997 | L4-2.0 | Upstream | A/T | 22098 | |
| | | | M/T | 22033 | |
| | | Downstream | | 22089 | |
| | V6-2.5 | Upstream | Loc. in Frt Mnfl | 22034 | |
| | | | Loc. in Rear Mnfl | 22033 | |
| | | | Loc. in Exhaust Pipe Before Cat. | 22092 | |
| Downstream | | Loc. After Cat. | 22094 | | |
| 1996 | L4-2.0 | Upstream | A/T | 22098 | |
| | | | M/T | 22033 | |
| | | Downstream | | 22089 | |
| | V6-2.5 | Upstream | F | CAN Market | 22092 |
| | | | | USA Market | 22034 |
| | | | R | CAN Market | 22088 |
| | | | USA Market | 22033 | |
| | | Downstream | F | USA Market | 22000 |
| R | USA Market | | 22088 | | |
| 1995-94 | L4-2.0 | Upstream | | 22092 | |
| | | | | 22092 | |
| | V6-2.5 | Upstream | F | Calif. | 24022 |
| | | | | Federal | 22092 |
| | | R | Calif. | 24022 | |
| | Federal | 22088 | | | |
| 1993 | L4-2.0 | Upstream | | 22092 | |
| | V6-2.5 | Upstream | F | 22092 | |
| | | | R | 22088 | |
| 1992-90 | L4-2.2 | Upstream | | 24010 | |
| | V6-3.0 | Upstream | | 22013 | |
| 1989 | L4-2.2 | Upstream | | 24006 | |
| Ranger | | | | | |
| 2011-09 | L4-2.3 | Upstream | | 22524 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|---------------|-----------------|------------------|------------------|------------------|
| FORD (Cont'd) | | | | | |
| Ranger (Cont'd) | | | | | |
| 2011-09 | L4-2.3 | Downstream | w/22" Lead Lgth. | 22503 | |
| | | | w/17" Lead Lgth | 22500 | |
| | V6-4.0 | Upstream | LH | 22524 | |
| | | | RH | 22524 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| | 2008-07 | L4-2.3 | Upstream | | 22524 |
| | | | | Downstream | w/22" Lead Lgth. |
| | | | w/17" Lead Lgth | | 22500 |
| | | V6-3.0 | Upstream | LH | 22524 |
| RH | | | | 22524 | |
| Downstream | | | LH | 22500 | |
| | RH | | 22500 | | |
| V6-4.0 | Upstream | LH | 22524 | | |
| | | RH | 22524 | | |
| | Downstream | LH | 22500 | | |
| | | RH | 22500 | | |
| 2006-04 | L4-2.3 | Upstream | | 22524 | |
| | | | Downstream | w/22" Lead Lgth. | 22503 |
| | | w/17" Lead Lgth | | 22500 | |
| | V6-3.0 | Upstream | LH | 22524 | |
| | | | RH | 22524 | |
| | | Downstream | w/22" Lead Lgth. | 22503 | |
| | | | w/17" Lead Lgth | 22500 | |
| | V6-4.0 | Upstream | LH | 22524 | |
| | | | RH | 22524 | |
| | | Downstream | LH | w/22" Lead Lgth. | 22503 |
| | | | | w/17" Lead Lgth | 22500 |
| | | | RH | w/22" Lead Lgth. | 22503 |
| | | | | w/17" Lead Lgth | 22500 |
| | 2003-02 | L4-2.3 | Upstream | | 22524 |
| Downstream | | | | | 22500 |
| | | V6-3.0 | Upstream | LH | 22524 |
| RH | | | | 22524 | |
| Downstream | | | O2 w/10" Lgth | 22500 | |
| | | | O2 w/21" Lgth | 22501 | |
| V6-4.0 | | Upstream | LH | 22524 | |
| | | | RH | 22524 | |
| | | Downstream | O2 w/11" Lgth | 22500 | |
| | | | O2 w/19" Lgth | 22503 | |
| | O2 w/22" Lgth | 22501 | | | |
| 2001 | L4-2.3 | Upstream | | 22524 | |
| | | | Downstream | | 22500 |
| | L4-2.5 | Upstream | | | 22500 |
| | | | Downstream | | 22503 |
| | V6-3.0 | Upstream | | LH | 22524 |
| | | | RH | 22524 | |
| | | Downstream | O2 w/10" Lgth | 22500 | |
| | | | O2 w/21" Lgth | 22501 | |
| | V6-4.0 | Upstream | LH | 22524 | |
| | | | RH | 22524 | |
| Downstream | | O2 w/11" Lgth | 22500 | | |
| | | O2 w/19" Lgth | 22503 | | |
| | | O2 w/22" Lgth | 22501 | | |
| | | | | 22501 | |
| 2000-98 | L4-2.5 | Upstream | | 22500 | |
| | | | Downstream | | 22503 |
| | V6-3.0 | Upstream | | LH | 22500 |
| | | | RH | 22500 | |
| | | Downstream | A/T | 22503 | |
| | | | M/T | 22501 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|----------|---------------|------------------|------------------|-------|
| FORD (Cont'd) | | | | | |
| Ranger (Cont'd) | | | | | |
| 2000-98 | V6-4.0 | Upstream | LH | 22500 | |
| | | | RH | 22500 | |
| | | Downstream | A/T | 22503 | |
| | | | M/T | 22501 | |
| | | | | 22500 | |
| | 1997 | L4-2.3 | Upstream | | 22500 |
| | | | Downstream | | 22503 |
| | | V6-3.0 | Upstream | LH | 22500 |
| | | | | RH | 22500 |
| | | | Downstream | A/T | 22503 |
| V6-4.0 | Upstream | LH | 22500 | | |
| | | RH | 22500 | | |
| 1996-95 | L4-2.3 | Upstream | | 22500 | |
| | | | Downstream | | 22503 |
| | | V6-3.0 | Upstream | LH | 22500 |
| | | | | RH | 22500 |
| | | | Downstream | A/T | 22503 |
| | V6-4.0 | Upstream | LH | 22500 | |
| | | | RH | 22500 | |
| | 1994 | L4-2.3 | Upstream | Calif. | 22500 |
| | | | | Federal | 22013 |
| | | | V6-3.0 | Upstream | LH |
| RH | | | | | 22503 |
| Downstream | | | | | 22503 |
| V6-4.0 | | Upstream | LH | 22503 | |
| | | | RH | 22503 | |
| | | Downstream | LH | A/T | 22503 |
| | | | RH | A/T | 22503 |
| | | | | M/T | 22501 |
| 1993 | L4-2.3 | Upstream | | 22500 | |
| | | | | 22503 | |
| | V6-3.0 | Upstream | LH | 22503 | |
| | | | RH | 22503 | |
| | V6-4.0 | Upstream | LH | 22503 | |
| | | | RH | 22503 | |
| 1992 | L4-2.3 | Upstream | | 22500 | |
| | | | | 22503 | |
| | V6-2.9 | Upstream | 4-Wire | 22503 | |
| | | | 3-Wire | 22013 | |
| | | | | 22503 | |
| | V6-3.0 | Upstream | LH | 4-Wire; 8" Lgth | 22500 |
| | | | RH | 4-Wire; 15" Lgth | 22503 |
| V6-4.0 | Upstream | | 22500 | | |
| | | | 22503 | | |
| | | | 22503 | | |
| 1991 | L4-2.3 | Upstream | | 22500 | |
| | | | | 22503 | |
| | V6-2.9 | Upstream | 4-Wire | 22503 | |
| | | | 3-Wire | 22013 | |
| | | | | 22500 | |
| V6-3.0 | Upstream | LH | 4-Wire; 8" Lgth | 22500 | |
| | | RH | 4-Wire; 15" Lgth | 22503 | |
| 1990 | L4-2.3 | Upstream | Calif. | 22500 | |
| | | | Federal | 22013 | |
| | V6-2.9 | Upstream | 3-Wire | 22013 | |
| | | | 4-Wire | 22503 | |
| V6-4.0 | Upstream | | 22503 | | |
| | | | 22503 | | |
| | | | 22503 | | |
| 1989 | L4-2.3 | Upstream | 3-Wire | 22013 | |
| | | | 4-Wire | 22500 | |
| | V6-2.9 | Upstream | | 22013 | |
| 1988-87 | All Engs | Upstream | | 22013 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|------------------------|-------------------------------------|---------------|---------------|-------------|-----------|-------|
| FORD (Cont'd) | | | | | | |
| Ranger (Cont'd) | | | | | | |
| 1986 | L4-2.3 | Upstream | Gas | 22014 | | |
| | | | | 22014 | | |
| | V6-2.9 | Upstream | | 22014 | | |
| | | | | 22014 | | |
| | | | | 22014 | | |
| | 1985 | L4-2.3 | Upstream | Gas | 22014 | |
| | | | | | 23552 | |
| | 1984-83 | All Engs | Upstream | | 23552 | |
| | | | | | 23552 | |
| | Taurus, Taurus SHO, Taurus X | | | | | |
| 2018 | L4-2.0 | Upstream | | 24334 | | |
| | | | Downstream | 22542 | | |
| | V6-3.7 | Upstream | LH | 27014 | | |
| | | | RH | 27014 | | |
| | | Downstream | LH | 22052 | | |
| | | | RH | 22052 | | |
| | 2017 | L4-2.0 | Upstream | | 24334 | |
| | | | | Downstream | 22542 | |
| | | V6-3.5 | Upstream | LH | Turbo | 24348 |
| | | | | | Non-Turbo | 27014 |
| RH | | | | Turbo | 24348 | |
| Downstream | | | LH | Turbo | 22134 | |
| | | | Non-Turbo | 22052 | | |
| | RH | | Turbo | 22139 | | |
| V6-3.7 | Upstream | LH | 27014 | | | |
| | | RH | 27014 | | | |
| | Downstream | LH | 22052 | | | |
| | | RH | 22052 | | | |
| 2016 | L4-2.0 | Upstream | | 24334 | | |
| | | | Downstream | To 1/3/16 | 22536 | |
| | | | | From 1/4/16 | 22542 | |
| | V6-3.5 | Upstream | LH | Turbo | 24348 | |
| | | | | Non-Turbo | 27014 | |
| | | | RH | Turbo | 24348 | |
| | | Downstream | LH | Turbo | 22134 | |
| | | | | Non-Turbo | 22052 | |
| | | | RH | Turbo | 22139 | |
| | V6-3.7 | Upstream | LH | 27014 | | |
| RH | | | 27014 | | | |
| Downstream | | LH | 22052 | | | |
| | | RH | 22052 | | | |
| 2015 | L4-2.0 | Upstream | | 24325 | | |
| | | | Downstream | 22536 | | |
| | V6-3.5 | Upstream | LH | Turbo | 24348 | |
| | | | | Non-Turbo | 24397 | |
| | | | RH | Turbo | 24348 | |
| | | Downstream | LH | Non-Turbo | 24397 | |
| | | | | Turbo | 22134 | |
| | | | RH | Non-Turbo | 22135 | |
| | V6-3.7 | Upstream | LH | 24397 | | |
| | | | RH | 24397 | | |
| Downstream | | LH | 22135 | | | |
| | | RH | 22135 | | | |
| 2014-13 | L4-2.0 | Upstream | | 24325 | | |
| | | | Downstream | 22536 | | |
| | V6-3.5 | Upstream | LH | Turbo | 24348 | |
| | | | Non-Turbo | 24397 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|--------|---------------|----------------|--------|
| FORD (Cont'd) | | | | |
| Taurus, Taurus SHO, Taurus X (Cont'd) | | | | |
| 2014-13 | V6-3.5 | Upstream | RH Turbo | 24348 |
| | | | Non-Turbo | 24397 |
| | | Downstream | LH Turbo | 22139 |
| | | | Non-Turbo | 22135 |
| | | | RH Turbo | 22139 |
| | V6-3.7 | Upstream | LH | 24397 |
| | | | RH | 24397 |
| | | Downstream | LH | 22135 |
| | | | RH | 22135 |
| | | | | |
| 2012 | V6-3.5 | Upstream | LH Turbo | 24348 |
| | | | Non-Turbo | 24325 |
| | | | RH Turbo | 24348 |
| | | | Non-Turbo | 24325 |
| | | Downstream | LH Turbo | 22139 |
| | | | Non-Turbo | 22134 |
| | | | RH Turbo | 22139 |
| | | | Non-Turbo | 22134 |
| | | | | |
| | | | | |
| 2011 | V6-3.5 | Upstream | LH Turbo | 24348 |
| | | | Non-Turbo | 24325 |
| | | | RH Turbo | 24348 |
| | | | Non-Turbo | 24325 |
| | | Downstream | LH | 22134 |
| | | | RH Non-Turbo | 22134 |
| | | | Turbo | 22139 |
| | | | | |
| 2010 | V6-3.5 | Upstream | LH Turbo | 24348 |
| | | | Non-Turbo | 24325 |
| | | | RH Turbo | 24348 |
| | | | Non-Turbo | 24325 |
| | | Downstream | LH | 22500 |
| | | | RH Turbo | 22009 |
| | | | Non-Turbo | 22500 |
| | | | | |
| 2009-08 | V6-3.5 | Upstream | LH Calif. | 24325 |
| | | | Federal | 22046 |
| | | | RH Calif. | 24325 |
| | | | Federal | 22046 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| | | | | |
| | | | | |
| 2007-00 | V6-3.0 | Upstream | LH | 22060 |
| | | | RH | 22060 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 1999 | V6-3.0 | Upstream | LH Gas; Calif. | 22060 |
| | | | Gas; Federal | 22500 |
| | | | Flex Fuel | 22500 |
| | | | RH Gas; Calif. | 22060 |
| | | | Gas; Federal | 22500 |
| | | | Flex Fuel | 22500 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| | | | | |
| | | | | |
| | V8-3.4 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 1998-96 | V6-3.0 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| | V8-3.4 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | | | |
| | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|----------|---------------|------------------|--------|
| FORD (Cont'd) | | | | |
| Taurus, Taurus SHO, Taurus X (Cont'd) | | | | |
| 1998-96 | V8-3.4 | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 1995-93 | V6-3.0 | Upstream | LH OHV | 22500 |
| | | | DOHC | 22013 |
| | | | RH OHV | 22500 |
| | | | DOHC | 22013 |
| | V6-3.2 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | V6-3.8 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | | | |
| | | | | |
| 1992 | V6-3.0 | Upstream | LH 4-Wire; OHV | 22500 |
| | | | 3-Wire; DOHC | 22013 |
| | | | RH 4-Wire; OHV | 22500 |
| | | | 3-Wire; DOHC | 22013 |
| | V6-3.8 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | | | |
| | | | | |
| 1991 | L4-2.5 | Upstream | | 22500 |
| | | | | |
| | V6-3.0 | Upstream | LH 4-Wire; OHV | 22500 |
| | | | 3-Wire; DOHC | 22013 |
| | | | RH 4-Wire; OHV | 22500 |
| | | | 3-Wire; DOHC | 22013 |
| | V6-3.8 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| 1990-88 | L4-2.5 | Upstream | | 22013 |
| | | | | |
| | V6-3.0 | Upstream | | 22013 |
| | | | | |
| V6-3.8 | Upstream | LH | 22013 | |
| | | RH | 22013 | |
| 1987 | L4-2.5 | Upstream | | 22013 |
| | | | | |
| 1986 | L4-2.5 | Upstream | | 22534 |
| | | | | |
| | | | | |
| Tempo | | | | |
| 1994-92 | L4-2.3 | Upstream | | 22500 |
| | | | | |
| | V6-3.0 | Upstream | LH | 22500 |
| RH | | | 22500 | |
| 1991-87 | L4-2.3 | Upstream | | 22013 |
| 1986-84 | L4-2.3 | Upstream | | 22534 |
| Thunderbird | | | | |
| 2005-02 | V8-3.9 | Upstream | LH | 22060 |
| | | | RH | 22060 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 1997-96 | V6-3.8 | Upstream | LH O2 w/15" Lgth | 22500 |
| | | | O2 w/22" Lgth | 22016 |
| | | | RH O2 w/15" Lgth | 22500 |
| | | | O2 w/22" Lgth | 22016 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| | V8-4.6 | Upstream | | 22016 |
| | | | Downstream | 22500 |
| 1995-94 | V6-3.8 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | | | |
| | V8-4.6 | Upstream | LH | 22016 |
| | | | RH | 22016 |
| | | | | |
| 1993-91 | V6-3.8 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | V8-5.0 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| 1990-89 | V6-3.8 | Upstream | LH | 22013 |
| | | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|---------------|---------------|----------------|-------|
| FORD (Cont'd) | | | | | |
| Thunderbird (Cont'd) | | | | | |
| 1990-89 | V6-3.8 | Upstream | RH | 22013 | |
| 1988 | L4-2.3 | Upstream | | 22013 | |
| | V6-3.8 | Upstream | | 22013 | |
| | V8-5.0 | Upstream | LH RH | 22013 22013 | |
| 1987 | L4-2.3 | Upstream | | 22013 | |
| | V6-3.8 | Upstream | | 23552 | |
| | V8-5.0 | Upstream | LH RH | 22013 22013 | |
| 1986 | L4-2.3 | Upstream | | 23552 | |
| | V6-3.8 | Upstream | | 23552 | |
| | V8-5.0 | Upstream | | 22014 | |
| 1985 | L4-2.3 | Upstream | | 23552 | |
| | V6-3.8 | Upstream | | 23552 | |
| | V8-5.0 | Upstream | | 23552 | |
| 1984 | L4-2.3 | Upstream | | 22014 | |
| | V6-3.8 | Upstream | | 23552 | |
| | V8-5.0 | Upstream | | 23552 | |
| 1983-79 | All Engs | Upstream | | 23552 | |
| Transit (Fullsize), Transit Connect Van | | | | | |
| 2018 | V6-3.7 | Upstream | LH | 27021 | |
| | | | RH | 27014 | |
| | | Downstream | LH | 22066 | |
| 2017 | L4-2.5 | Upstream | | 27006 | |
| | | Downstream | | 22141 | |
| | V6-3.5 | Upstream | LH | 24326 | |
| | | | RH | 24325 | |
| | Downstream | LH | 22540 | | |
| | | RH | 22541 | | |
| | V6-3.7 | Upstream | LH | 27021 | |
| | | | RH | 27014 | |
| Downstream | LH | 22066 | | | |
| 2016 | L4-1.6 | Upstream | | 24348 | |
| | | Downstream | | 22538 | |
| | L4-2.5 | Upstream | | 27006 | |
| | | Downstream | | 22141 | |
| | V6-3.5 | Upstream | LH | 24326 | |
| | | | RH | 24325 | |
| | | Downstream | LH | 22540 | |
| | | | RH | 22541 | |
| | V6-3.7 | Upstream | LH | 27021 | |
| | | | RH | 27014 | |
| | | Downstream | LH | 22066 | |
| | | | | | |
| 2015 | L4-1.6 | Upstream | | 24348 | |
| | | Downstream | | 22538 | |
| | L4-2.5 | Upstream | | 27006 | |
| | | Downstream | | 22141 | |
| | | | | | |
| | V6-3.5 | Upstream | LH | 24326 | |
| | | | RH | 24325 | |
| | | Downstream | LH | 22543 | |
| | | | RH | 22543 | |
| | | V6-3.7 | Upstream | LH | 27015 |
| | | | | RH | 24397 |
| | Downstream | LH | 22143 | | |
| | RH | 22142 | | | |
| 2014 | L4-1.6 | Upstream | | 24348 | |
| | | Downstream | | 22538 | |
| | L4-2.5 | Upstream | | 27006 | |
| | Downstream | | 22141 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|----------|---------------|-----------------------------|--------|
| FORD (Cont'd) | | | | |
| Transit (Fullsize), Transit Connect Van (Cont'd) | | | | |
| 2013-10 | L4-2.0 | Upstream | | 22015 |
| | | Downstream | | 22132 |
| Windstar | | | | |
| 2003-01 | V6-3.8 | Upstream | LH | 22524 |
| | | | RH | 22524 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 2000-99 | V6-3.0 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| | V6-3.8 | Upstream | LH | 22524 |
| | | | RH | 22524 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 1998-95 | V6-3.0 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | Downstream | LH | 22500 |
| | V6-3.8 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | Downstream | LH | 22500 |
| FREIGHTLINER | | | | |
| Sprinter (2500, 3500) | | | | |
| 2016-14 | L4-2.1 | Upstream | Diesel (1 Upstream O2 Only) | 24377 |
| | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | 24366 |
| 2013-10 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | 24366 |
| 2009 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | 24332 |
| 2008-07 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | 24332 |
| | | | | |
| | V6-3.5 | Upstream | LH | 24332 |
| | | | RH | 24330 |
| | | Downstream | LH | 23567 |
| | RH | 23567 | | |
| 2006-02 | L5-2.7 | Upstream | Diesel (1 Upstream O2 Only) | 24332 |
| GENESIS | | | | |
| G90 (Formerly Hyundai Equus) | | | | |
| 2017 | V6-3.3 | Upstream | LH | 24325 |
| | | | RH | 24325 |
| | | Downstream | LH | 25249 |
| | | | RH | 25249 |
| GEO | | | | |
| Metro | | | | |
| 1997-96 | All Engs | Upstream | | 21527 |
| | | Downstream | | 21524 |
| 1995 | L3-1.0 | Upstream | | 21527 |
| | L4-1.3 | Upstream | | 21527 |
| 1994 | L3-1.0 | Upstream | Calif. | 21527 |
| | | | Federal | 21002 |
| | L4-1.3 | Upstream | | 21002 |
| 1993-89 | All Engs | Upstream | | 21002 |
| Prizm | | | | |
| 1997-96 | L4-1.6 | Upstream | | 24505 |
| | | Downstream | | 24548 |
| | L4-1.8 | Upstream | | 24505 |
| | | Downstream | | 24548 |
| 1995 | L4-1.6 | Upstream | Calif. | 24502 |
| | | | Federal | 24511 |
| | | Downstream | Calif. | 24510 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-----------------------|------------|----------------------------------|--------------------------------|-----------------|-------|
| GEO (Cont'd) | | | | | |
| Prizm (Cont'd) | | | | | |
| 1995 | L4-1.8 | Upstream | | 24505 | |
| | | Downstream | | 24548 | |
| 1994-93 | L4-1.6 | Upstream | Calif. | 24502 | |
| | | | Federal | 24511 | |
| | | Downstream | Calif. | 24510 | |
| | L4-1.8 | Upstream | Calif. | 24502 | |
| | | | Federal | 24511 | |
| | | Downstream | Calif. | 24510 | |
| 1992-91 | L4-1.6 | Upstream | 4AFE Eng | 24512 | |
| | | | 4AGE Eng; Calif. | 24673 | |
| | | | 4AGE Eng; Federal | 24059 | |
| | | Downstream | 4AGE Eng; Calif. | 24515 | |
| 1990 | L4-1.6 | Upstream | 4AGE Eng; Calif. | 24673 | |
| | | | 4AGE Eng; Federal | 24059 | |
| | | | 4AFE Eng; To Chassis #LZ090310 | 24516 | |
| | | 4AFE Eng; From Chassis #LZ090311 | 24512 | | |
| | | Downstream | 4AGE Eng; Calif. | 24515 | |
| 1989 | L4-1.6 | Upstream | To Chassis #LZ090310 | 24516 | |
| | | | From Chassis #LZ090311 | 24512 | |
| Spectrum | | | | | |
| 1989 | L4-1.5 | Upstream | | 21002 | |
| Storm | | | | | |
| 1993-92 | L4-1.6 | Upstream | | 21002 | |
| | L4-1.8 | Upstream | | 24601 | |
| 1991-90 | L4-1.6 | Upstream | SOHC | 21002 | |
| | | | DOHC | 21541 | |
| Tracker | | | | | |
| 1997-96 | L4-1.6 | Upstream | | 21508 | |
| | | Downstream | | 21509 | |
| 1995-93 | L4-1.6 | Upstream | Calif. | 21508 | |
| | | | Federal | 21541 | |
| 1992-91 | L4-1.6 | Upstream | | 21541 | |
| 1990-89 | L4-1.6 | Upstream | | 24033 | |
| GMC | | | | | |
| Acadia | | | | | |
| 2018 | L4-2.5 | Upstream | | 21579 | |
| | | Downstream | | 21071 | |
| | V6-3.6 | Upstream | LH | | 21084 |
| | | | RH | | 21084 |
| | | Downstream | LH | | 21084 |
| | | | RH | | 21084 |
| 2017 | L4-2.5 | Upstream | | 21579 | |
| | | Downstream | | 21071 | |
| | V6-3.6 | Upstream | LH | New Model | 21084 |
| | | | | Carryover Model | 21571 |
| | | RH | | New Model | 21084 |
| | | | | Carryover Model | 21571 |
| | Downstream | LH | | New Model | 21084 |
| | | | | Carryover Model | 21571 |
| | | RH | | New Model | 21084 |
| | | | | Carryover Model | 21571 |
| 2016-12 | V6-3.6 | Upstream | LH | 21571 | |
| | | | RH | 21571 | |
| | | Downstream | LH | 21571 | |
| | | | RH | 21571 | |
| 2011-09 | V6-3.6 | Upstream | LH | 21556 | |
| | | | RH | 21556 | |
| | | Downstream | LH | 21556 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---------------------------------|------------|-----------------|----------------------------|----------------------|----------|-------|
| GMC (Cont'd) | | | | | | |
| Acadia (Cont'd) | | | | | | |
| 2011-09 | V6-3.6 | Downstream | RH | 21556 | | |
| 2008-07 | V6-3.6 | Upstream | LH | 21546 | | |
| | | | RH | 21546 | | |
| | | Downstream | LH | 21064 | | |
| | | | RH | 21064 | | |
| C, K, R, V Series Pickup | | | | | | |
| 2000 | V8-5.7 | Upstream | LH | A/T; 4L80-E | 21543 | |
| | | | | M/T | 21543 | |
| | | | RH | A/T; 4L80-E | 21543 | |
| | | | | M/T | 21543 | |
| | | Downstream | LH | | 21539 | |
| | | | RH | | 21539 | |
| | | | V8-7.4 | Upstream | LH | 21513 |
| | | | | RH | | 21513 |
| | Downstream | LH | Calif. | 21513 | | |
| | | | Federal | 21539 | | |
| | | RH | Calif. | 21513 | | |
| | | | Federal | 21539 | | |
| | 1999 | V8-5.0 | Upstream | LH | 21006 | |
| | | | | RH | 21006 | |
| | | | Downstream | | 21539 | |
| | | | | V8-5.7 | Upstream | LH |
| | | A/T; 4L80-E | 21543 | | | |
| | | M/T | 21543 | | | |
| RH | | A/T; 4L60-E | 21006 | | | |
| | | A/T; 4L80-E | 21543 | | | |
| | | M/T | 21543 | | | |
| Downstream | | LH | | 21539 | | |
| | | RH | | 21539 | | |
| | | V8-7.4 | Upstream | LH | 21543 | |
| | RH | | | 21543 | | |
| Downstream | LH | | 21539 | | | |
| | RH | | 21539 | | | |
| 1998 | V6-4.3 | Upstream | LH | 21006 | | |
| | | | RH | 21006 | | |
| | | Downstream | | 21539 | | |
| | V8-5.0 | Upstream | LH | A/T | 21006 | |
| | | | | M/T | 21543 | |
| | | | RH | A/T | 21006 | |
| | | | M/T | 21543 | | |
| | | Downstream | | 21539 | | |
| V8-5.7 | Upstream | LH | A/T; 4L60-E | 21006 | | |
| | | | A/T; 4L80-E | 21543 | | |
| | | | M/T | 21543 | | |
| | | RH | A/T; 4L60-E | 21006 | | |
| | Downstream | | A/T; 4L80-E | 21543 | | |
| | | | M/T | 21543 | | |
| | | LH | | 21539 | | |
| | | RH | | 21539 | | |
| V8-7.4 | Upstream | LH | | 21543 | | |
| | | RH | | 21543 | | |
| | Downstream | LH | | 21539 | | |
| | | RH | | 21539 | | |
| 1997-96 | V6-4.3 | Upstream | Loc. in LH Mnfd | 21006 | | |
| | | | Loc. in RH Mnfd | 21006 | | |
| | | | Loc. in Y Pipe Before Cat. | 21539 | | |
| | Downstream | Loc. After Cat. | 21539 | | | |
| | | V8-5.0 | Upstream | Loc. in LH Mnfd; A/T | 21006 | |
| | | | | Loc. in LH Mnfd; M/T | 21543 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|---------------|----------------------------|-------------|-------|
| GMC (Cont'd) | | | | | |
| C, K, R, V Series Pickup (Cont'd) | | | | | |
| 1997-96 | V8-5.0 | Upstream | Loc. in RH Mnfld; A/T | 21006 | |
| | | | Loc. in RH Mnfld; M/T | 21543 | |
| | | | Loc. in Y Pipe Before Cat. | 21539 | |
| | V8-5.7 | Upstream | LH | A/T; 4L60-E | 21006 |
| | | | | A/T; 4L80-E | 21543 |
| | | | | M/T | 21543 |
| | | Downstream | RH | A/T; 4L60-E | 21006 |
| | | | | A/T; 4L80-E | 21543 |
| | | | | M/T | 21543 |
| | | | | M/T | 21543 |
| | Downstream | LH | | 21539 | |
| | | RH | | 21539 | |
| | V8-7.4 | Upstream | LH | | 21543 |
| | | | RH | | 21543 |
| Downstream | | LH | | 21539 | |
| | | RH | | 21539 | |
| 1995 | All Engs | Upstream | 1-Wire | 21002 | |
| | | | 3-Wire | 21004 | |
| 1994-92 | All Engs | Upstream | 1-Wire | 21002 | |
| | | | 3-Wire | 21003 | |
| 1991-83 | All Engs | Upstream | | 21002 | |
| Caballero | | | | | |
| 1987-86 | All Engs | Upstream | | 21002 | |
| 1985 | V6-4.3 | Upstream | | 21541 | |
| | V8-5.0 | Upstream | | 21002 | |
| 1984-82 | All Engs | Upstream | | 21002 | |
| 1981-79 | All Engs | Upstream | 1-Wire | 21002 | |
| | | | 2-Wire | 21553 | |
| Canyon | | | | | |
| 2018-17 | L4-2.5 | Upstream | | 21579 | |
| | | Downstream | | 21086 | |
| | V6-3.6 | Upstream | LH | | 21084 |
| | | | RH | | 21084 |
| | Downstream | LH | | 21084 | |
| | | RH | | 21084 | |
| 2016-15 | L4-2.5 | Upstream | | 21579 | |
| | | Downstream | | 21072 | |
| | V6-3.6 | Upstream | LH | | 21571 |
| | | | RH | | 21571 |
| | Downstream | LH | | 21571 | |
| | | RH | | 21571 | |
| 2012-09 | L4-2.9 | Upstream | | 21561 | |
| | | Downstream | | 21058 | |
| | L5-3.7 | Upstream | | 21561 | |
| | | Downstream | | 21058 | |
| | V8-5.3 | Upstream | LH | | 21559 |
| | | | RH | | 21559 |
| Downstream | | LH | | 21059 | |
| | | RH | | 21059 | |
| 2008-07 | L4-2.9 | Upstream | | 21561 | |
| | | Downstream | | 21058 | |
| | L5-3.7 | Upstream | | 21561 | |
| | | Downstream | | 21058 | |
| 2006 | L4-2.8 | Upstream | | 21561 | |
| | | Downstream | | 21023 | |
| | L5-3.5 | Upstream | | 21561 | |
| | | Downstream | | 21023 | |
| 2005-04 | L4-2.8 | Upstream | | 21054 | |
| | | Downstream | | 21044 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-----------------------------|------------|---------------|-----------------------------|-----------------|-------|-------|
| GMC (Cont'd) | | | | | | |
| Canyon (Cont'd) | | | | | | |
| 2005-04 | L5-3.5 | Upstream | | 21054 | | |
| | | Downstream | | 21044 | | |
| Envoy | | | | | | |
| 2009-08 | L6-4.2 | Upstream | | 21561 | | |
| | | Downstream | | 21058 | | |
| | V8-5.3 | Upstream | LH | | 21558 | |
| | | | RH | | 21558 | |
| | | Downstream | LH | | 21060 | |
| | | | RH | | 21059 | |
| | 2007 | L6-4.2 | Upstream | | 21561 | |
| | | | Downstream | | 21058 | |
| | | V8-5.3 | Upstream | LH | | 21558 |
| | | | | RH | | 21558 |
| Downstream | LH | | 21576 | | | |
| | RH | | 21576 | | | |
| 2006 | L6-4.2 | Upstream | | 21561 | | |
| | | Downstream | | 21023 | | |
| | V8-5.3 | Upstream | LH | | 21558 | |
| | | | RH | | 21558 | |
| | Downstream | LH | 1st Design; Square Plug | | 21545 | |
| | | | 2nd Design; Triangular Plug | | 21576 | |
| | | RH | 1st Design; Square Plug | | 21545 | |
| | | | 2nd Design; Triangular Plug | | 21576 | |
| 2005 | L6-4.2 | Upstream | | 21054 | | |
| | | Downstream | | 21044 | | |
| | V8-5.3 | Upstream | LH | | 21546 | |
| | | | RH | | 21546 | |
| | | Downstream | LH | | 21048 | |
| | | | RH | | 21048 | |
| 2004 | L6-4.2 | Upstream | | 21054 | | |
| | | Downstream | | 21044 | | |
| | V8-5.3 | Upstream | LH | | 21047 | |
| | | | RH | | 21047 | |
| | | Downstream | LH | | 21048 | |
| | | | RH | | 21048 | |
| 2003 | L6-4.2 | Upstream | | 21049 | | |
| | | Downstream | | 21044 | | |
| | V8-5.3 | Upstream | LH | | 21047 | |
| | | | RH | | 21047 | |
| Downstream | LH | | 21048 | | | |
| | RH | | 21048 | | | |
| 2002 | L6-4.2 | Upstream | | 21049 | | |
| | | Downstream | | 21044 | | |
| G Series, Savana Van | | | | | | |
| 2017 | V8-4.8 | Upstream | LH | | 21581 | |
| | | | RH | | 21581 | |
| | | Downstream | LH | | 21075 | |
| | | | RH | | 21075 | |
| | V8-6.0 | Upstream | LH | | 21581 | |
| | | | RH | | 21581 | |
| | | Downstream | LH | | 21075 | |
| | | | RH | | 21075 | |
| 2016 | V8-4.8 | Upstream | LH | | 21581 | |
| | | | RH | | 21581 | |
| | | Downstream | LH | Triangular Plug | | 21059 |
| | | | RH | Oval Plug | | 21075 |
| | V8-6.0 | Upstream | LH | Triangular Plug | | 21059 |
| | | | RH | Oval Plug | | 21075 |
| | | Downstream | LH | | | 21581 |
| | | | RH | | | 21581 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--------------------------------------|------------------------------------|---------------|------------------------------------|---------------------------------|--------------------------|-------|
| GMC (Cont'd) | | | | | | |
| G Series, Savana Van (Cont'd) | | | | | | |
| 2016 | V8-6.0 | Upstream | RH | 21581 | | |
| | | | Downstream | LH | Triangular Plug 21059 | |
| | | RH | | Oval Plug 21075 | | |
| | | | RH | Triangular Plug 21059 | | |
| RH | Oval Plug 21075 | | | | | |
| | 2015 | V8-4.8 | Upstream | LH | 21560 | |
| RH | | | | 21560 | | |
| Downstream | | | LH | Cutaway Vans 21076 | | |
| | | | RH | Passenger & Cargo Vans 21059 | | |
| V8-6.0 | | Upstream | LH | Cutaway Vans 21555 | | |
| | | | RH | Passenger & Cargo Vans 21560 | | |
| | | Downstream | LH | Cutaway Vans 21076 | | |
| | | | RH | Passenger & Cargo Vans 21059 | | |
| 2014 | V6-4.3 | Upstream | LH | 21560 | | |
| | | | RH | 21560 | | |
| | | Downstream | LH | 21059 | | |
| | | | RH | 21059 | | |
| | V8-4.8 | Upstream | LH | 21560 | | |
| | | | RH | 21560 | | |
| | | Downstream | LH | Cutaway Vans 21076 | | |
| | | | RH | Passenger & Cargo Vans 21059 | | |
| | V8-5.3 | Upstream | LH | 21560 | | |
| | | | RH | 21560 | | |
| | | Downstream | LH | 21059 | | |
| | | | RH | 21059 | | |
| V8-6.0 | Upstream | LH | Cutaway Vans 21555 | | | |
| | | RH | Passenger & Cargo Vans 21560 | | | |
| | | Downstream | LH | Cutaway Vans 21076 | | |
| | | | RH | Passenger & Cargo Vans 21059 | | |
| | Downstream | LH | Cutaway Vans 21076 | | | |
| | | RH | Passenger & Cargo Vans 21059 | | | |
| | | 2013 | V6-4.3 | Upstream | LH | 21560 |
| | | | | | RH | 21560 |
| Downstream | LH | | | 21059 | | |
| | RH | | | 21059 | | |
| V8-4.8 | Upstream | LH | 21560 | | | |
| | | RH | 21560 | | | |
| | Downstream | LH | Cutaway Vans; Male Plug 21076 | | | |
| | | RH | Cutaway Vans; Female Plug 21067 | | | |
| | | RH | Passenger & Cargo Vans 21059 | | | |
| | | | Cutaway Vans; Male Plug 21076 | | | |
| RH | Cutaway Vans; Female Plug 21067 | | | | | |
| | Passenger & Cargo Vans 21059 | | | | | |
| V8-5.3 | Upstream | LH | 21560 | | | |
| | | RH | 21560 | | | |
| | Downstream | LH | 21059 | | | |
| | | RH | 21059 | | | |
| V8-6.0 | Upstream | LH | Cutaway Vans 21555 | | | |
| | | RH | Passenger & Cargo Vans 21560 | | | |
| | Downstream | LH | Cutaway Vans 21076 | | | |
| | | RH | Passenger & Cargo Vans 21059 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--------------------------------------|------------|---------------------------------|---------------------------------|------------------------------------|------------------------------------|-------|
| GMC (Cont'd) | | | | | | |
| G Series, Savana Van (Cont'd) | | | | | | |
| 2013 | V8-6.0 | Upstream | LH | Passenger & Cargo Vans 21560 | | |
| | | | Downstream | LH | Cutaway Vans; Male Plug 21076 | |
| | | | | RH | Cutaway Vans; Female Plug 21067 | |
| | | | RH | Passenger & Cargo Vans 21059 | | |
| | | | | Cutaway Vans; Male Plug 21076 | | |
| | | | RH | Cutaway Vans; Female Plug 21067 | | |
| | | 2012-11 | V6-4.3 | Upstream | LH | 21560 |
| | | | | | RH | 21560 |
| | | | | Downstream | LH | 21059 |
| | | | | | RH | 21059 |
| | | | V8-4.8 | Upstream | LH | 21560 |
| | | | | | RH | 21560 |
| Downstream | LH | Cutaway Vans 21067 | | | | |
| | RH | Passenger & Cargo Vans 21059 | | | | |
| V8-5.3 | Upstream | LH | 21560 | | | |
| | | RH | 21560 | | | |
| | Downstream | LH | Cutaway Vans 21067 | | | |
| | | RH | Passenger & Cargo Vans 21059 | | | |
| 2010-08 | V6-4.3 | Upstream | LH | 21560 | | |
| | | | RH | 21560 | | |
| | | Downstream | LH | 21059 | | |
| | | | RH | 21059 | | |
| | V8-4.8 | Upstream | LH | 21560 | | |
| | | | RH | 21560 | | |
| | | Downstream | LH | 21059 | | |
| | | | RH | 21059 | | |
| V8-5.3 | Upstream | LH | 21560 | | | |
| | | RH | 21560 | | | |
| | Downstream | LH | 21059 | | | |
| | | RH | 21059 | | | |
| 2007 | V6-4.3 | Upstream | LH | 21560 | | |
| | | | RH | 21560 | | |
| | | Downstream | LH | 21576 | | |
| | | | RH | 21576 | | |
| | V8-4.8 | Upstream | LH | 21514 | | |
| | | | RH | 21545 | | |
| | | Downstream | LH | 21514 | | |
| | | | RH | 21545 | | |
| V8-5.3 | Upstream | LH | Calif. 21560 | | | |
| | | RH | Federal 21514 | | | |
| | Downstream | LH | Calif. 21560 | | | |
| | | RH | Federal 21545 | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--------------------------------------|------------|---------------|---------------------------------------|---------------------|-----------------------------------|-------|
| GMC (Cont'd) | | | | | | |
| G Series, Savana Van (Cont'd) | | | | | | |
| 2007 | V8-5.3 | Downstream | LH Federal | 21514 | | |
| | | | RH Calif. | 21576 | | |
| | | | Federal | 21545 | | |
| | V8-6.0 | Upstream | LH | 21514 | | |
| | | | RH | 21545 | | |
| | | Downstream | LH | 21514 | | |
| 2006-04 | All Engs | Upstream | LH | 21514 | | |
| | | | RH | 21545 | | |
| | | Downstream | LH | 21514 | | |
| | 2003 | All Engs | Upstream | LH | 21514 | |
| | | | | RH | 1st Design; O2 Marked 25333812 | 21514 |
| | | | | RH | 2nd Design; O2 Marked 12581346 | 21545 |
| 2002-01 | V6-4.3 | Upstream | LH GVW Over 8,500 Lbs | 21543 | | |
| | | | RH GVW Over 8,500 Lbs | 21543 | | |
| | | Downstream | LH GVW Under 8,500 Lbs | 21006 | | |
| | V8-5.0 | Upstream | LH | 21006 | | |
| | | | RH | 21006 | | |
| | V8-5.7 | Upstream | LH | GVW Over 8,500 Lbs | 21543 | |
| RH | | | GVW Over 8,500 Lbs | 21543 | | |
| RH | | | GVW Under 8,500 Lbs | 21006 | | |
| Downstream | | LH | 21539 | | | |
| | | RH | 21539 | | | |
| | | RH | 21513 | | | |
| V8-8.1 | Upstream | LH | 21513 | | | |
| | | RH | 21513 | | | |
| | Downstream | LH | 21513 | | | |
| | | RH | 21513 | | | |
| 2000-98 | V6-4.3 | Upstream | LH GVW Over 8,500 Lbs | 21543 | | |
| | | | RH GVW Over 8,500 Lbs | 21543 | | |
| | | | RH GVW Under 8,500 Lbs | 21006 | | |
| | | Downstream | LH | 21539 | | |
| | | | RH | 21539 | | |
| | | | RH | 21513 | | |
| | V8-5.0 | Upstream | LH | 21006 | | |
| | | | RH | 21006 | | |
| | | Downstream | LH | 21539 | | |
| | V8-5.7 | Upstream | LH | GVW Over 8,500 Lbs | 21543 | |
| | | | RH | GVW Over 8,500 Lbs | 21543 | |
| | | | RH | GVW Under 8,500 Lbs | 21006 | |
| Downstream | | LH | 21539 | | | |
| | | RH | 21539 | | | |
| | | RH | 21513 | | | |
| V8-7.4 | Upstream | LH | 21543 | | | |
| | | RH | 21543 | | | |
| | | RH | 21539 | | | |
| | Downstream | LH | 21539 | | | |
| | | RH | 21539 | | | |
| | | RH | 21539 | | | |
| 1997 | V6-4.3 | Upstream | Loc. in LH Mnfid; GVW Over 8,500 Lbs | 21543 | | |
| | | | Loc. in LH Mnfid; GVW Under 8,500 Lbs | 21006 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|----------------------------|---------------|--|---------------------|-------|
| GMC (Cont'd) | | | | | |
| G Series, Savana Van (Cont'd) | | | | | |
| 1997 | V6-4.3 | Upstream | Loc. in RH Mnfid; GVW Over 8,500 Lbs | 21543 | |
| | | | Loc. in RH Mnfid; GVW Under 8,500 Lbs | 21006 | |
| | | | Loc. in Y Before Cat; GVW Under 8,500 Lbs | 21539 | |
| | | Downstream | LH | 21539 | |
| | | V8-5.0 | Upstream | Loc. in LH Mnfid | 21006 |
| | | | | Loc. in RH Mnfid | 21006 |
| | Loc. in Y Pipe Before Cat. | | | 21539 | |
| | Downstream | LH | 21539 | | |
| | | RH | 21539 | | |
| | | RH | 21539 | | |
| | V8-5.7 | Upstream | LH | GVW Over 8,500 Lbs | 21543 |
| | | | RH | GVW Over 8,500 Lbs | 21543 |
| | | | RH | GVW Under 8,500 Lbs | 21006 |
| | | Downstream | LH | 21539 | |
| | | | RH | 21539 | |
| | | | RH | 21539 | |
| | V8-7.4 | Upstream | LH | 21543 | |
| | | | RH | 21543 | |
| Downstream | | LH | 21539 | | |
| | | RH | 21539 | | |
| 1996 | V6-4.3 | Upstream | VIN W; Loc. in LH Mnfid; GVW Over 8,500 Lbs | 21543 | |
| | | | VIN W; Loc. in LH Mnfid; GVW Under 8,500 Lbs | 21006 | |
| | | | VIN W; Loc. in RH Mnfid; GVW Over 8,500 Lbs | 21543 | |
| | | Downstream | LH | 21539 | |
| | | | RH | 21539 | |
| | | | RH | 21539 | |
| | V8-5.0 | Upstream | Loc. in LH Mnfid | 21006 | |
| | | | Loc. in RH Mnfid | 21006 | |
| | | | Loc. in Y Pipe Before Cat. | 21539 | |
| | Downstream | LH | 21539 | | |
| | | RH | 21539 | | |
| | | RH | 21539 | | |
| V8-5.7 | Upstream | LH | GVW Over 8,500 Lbs | 21543 | |
| | | RH | GVW Over 8,500 Lbs | 21543 | |
| | | RH | GVW Under 8,500 Lbs | 21006 | |
| | Downstream | LH | 21539 | | |
| | | RH | 21539 | | |
| | | RH | 21539 | | |
| V8-7.4 | Upstream | LH | 21543 | | |
| | | RH | 21543 | | |
| | Downstream | LH | 21539 | | |
| | | RH | 21539 | | |
| 1995 | All Engs | Upstream | 1-Wire | 21002 | |
| | | | 3-Wire | 21004 | |
| 1994-92 | All Engs | Upstream | 1-Wire | 21002 | |
| | | | 3-Wire | 21003 | |
| 1991-80 | All Engs | Upstream | | 21002 | |
| Jimmy (C,K,V Series) & S,T Series (Jimmy, Typhoon) | | | | | |
| 2005-02 | V6-4.3 | Upstream | LH | 21516 | |
| | | | RH | 21516 | |
| | | Downstream | LH | 21516 | |
| 2001-98 | V6-4.3 | Upstream | LH | 21006 | |
| | | | RH | 21006 | |
| | | Downstream | LH | 21006 | |
| 1997-96 | V6-4.3 | Upstream | Loc. in LH Mnfid | 21006 | |
| | | | Loc. in RH Mnfid | 21006 | |
| | | | Loc. in Y Pipe Before Cat. | 21006 | |
| | | Downstream | LH | 21006 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|----------------------------|-----------------|--------|-------|
| GMC (Cont'd) | | | | | |
| Jimmy (C,K,V Series) & S,T Series (Jimmy, Typhoon) (Cont'd) | | | | | |
| 1995-94 | V6-4.3 | Upstream | 3-Wire | 21003 | |
| | | | 4-Wire | 21006 | |
| 1993-92 | V6-4.3 | Upstream | | 21003 | |
| 1991-82 | All Engs | Upstream | | 21002 | |
| P Series Truck, Van | | | | | |
| 1999-96 | V6-4.3 | Upstream | LH | 21543 | |
| | | | RH | 21543 | |
| | | Downstream | | 21539 | |
| | | | | 21543 | |
| | | V8-5.7 | Upstream | LH | 21543 |
| | | | | RH | 21543 |
| | Downstream | LH | 21539 | | |
| | | RH | 21539 | | |
| | V8-7.4 | Upstream | LH | 21543 | |
| | | | RH | 21543 | |
| | Downstream | LH | 21539 | | |
| | | RH | 21539 | | |
| 1995 | V6-4.3 | Upstream | | 21006 | |
| | V8-5.7 | Upstream | | 21002 | |
| | V8-7.4 | Upstream | | 21002 | |
| 1994-92 | All Engs | Upstream | 1-Wire | 21002 | |
| | | | 3-Wire | 21003 | |
| 1991-83 | All Engs | Upstream | | 21002 | |
| S, T Series (Sonoma, Syclone) | | | | | |
| 2004 | V6-4.3 | Upstream | LH | 21516 | |
| | | | RH | 21516 | |
| | | Downstream | | 21516 | |
| 2003-02 | L4-2.2 | Upstream | | 21040 | |
| | | Downstream | | 21528 | |
| | V6-4.3 | Upstream | LH | 21516 | |
| | | | RH | 21516 | |
| | Downstream | | 21516 | | |
| | | | | 21516 | |
| 2001 | L4-2.2 | Upstream | | 21040 | |
| | | Downstream | | 21528 | |
| | V6-4.3 | Upstream | LH | 21006 | |
| | | | RH | 21006 | |
| Downstream | | 21006 | | | |
| | | | 21006 | | |
| 2000 | L4-2.2 | Upstream | FLEX | 21040 | |
| | | | Gas | 21039 | |
| | | Downstream | | 21528 | |
| | V6-4.3 | Upstream | LH | 21006 | |
| | | | RH | 21006 | |
| | | Downstream | | 21006 | |
| 1999 | L4-2.2 | Upstream | | 21039 | |
| | | Downstream | | 21528 | |
| | V6-4.3 | Upstream | LH | 21006 | |
| | | | RH | 21006 | |
| | Downstream | | 21006 | | |
| | | | | 21006 | |
| 1998 | L4-2.2 | Upstream | | 21002 | |
| | | Downstream | | 21528 | |
| | V6-4.3 | Upstream | LH | 21006 | |
| | | | RH | 21006 | |
| | Downstream | | 21006 | | |
| | | | | 21006 | |
| 1997 | L4-2.2 | Upstream | | 21002 | |
| | | Downstream | | 21528 | |
| | V6-4.3 | Upstream | Loc. in LH Mnfd | 21006 | |
| | | | Loc. in RH Mnfd | 21006 | |
| | | Loc. in Y Pipe Before Cat. | 21006 | | |
| | Downstream | Loc. After Cat. | 21006 | | |
| 1996 | L4-2.2 | Upstream | | 21002 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|----------------------------|----------------------------|--------------------------------|---------------------------|-------|
| GMC (Cont'd) | | | | | |
| S, T Series (Sonoma, Syclone) (Cont'd) | | | | | |
| 1996 | L4-2.2 | Downstream | | 21006 | |
| | | | | 21006 | |
| | V6-4.3 | Upstream | Loc. in LH Mnfd | 21006 | |
| | | | Loc. in RH Mnfd | 21006 | |
| Downstream | Loc. in Y Pipe Before Cat. | 21006 | | | |
| | Loc. After Cat. | 21006 | | | |
| 1995-94 | L4-2.2 | Upstream | | 21002 | |
| | | | | 21003 | |
| | V6-4.3 | Upstream | 3-Wire | 21003 | |
| | | | 4-Wire | 21006 | |
| 1993-91 | All Engs | Upstream | 1-Wire | 21002 | |
| | | | 3-Wire | 21003 | |
| Safari | | | | | |
| 2005-03 | V6-4.3 | Upstream | LH | 21545 | |
| | | | RH | 21049 | |
| | | Downstream | | 21049 | |
| 2002-00 | V6-4.3 | Upstream | LH | 21048 | |
| | | | RH | 21516 | |
| | | Downstream | | 21516 | |
| 1999-98 | V6-4.3 | Upstream | LH | 21517 | |
| | | | RH | 21517 | |
| | | Downstream | | 21517 | |
| 1997 | V6-4.3 | Upstream | Loc. in LH Mnfd | 21539 | |
| | | | Loc. in RH Mnfd | 21006 | |
| | | Loc. in Y Pipe Before Cat. | 21006 | | |
| Downstream | Loc. After Cat. | 21539 | | | |
| | | | 21006 | | |
| 1996 | V6-4.3 | Upstream | Loc. in LH Mnfd | 21006 | |
| | | | Loc. in RH Mnfd | 21006 | |
| | | Loc. in Y Pipe Before Cat. | 21539 | | |
| Downstream | Loc. After Cat. | 21539 | | | |
| 1995 | V6-4.3 | Upstream | | 21004 | |
| 1994-92 | V6-4.3 | Upstream | | 21003 | |
| 1991-85 | All Engs | Upstream | | 21002 | |
| Sierra | | | | | |
| 2018-16 | V6-4.3 | Upstream | LH | 21581 | |
| | | | RH | 21581 | |
| | | Downstream | LH | 21075 | |
| | | | RH | 21075 | |
| | V8-5.3 | Upstream | LH | 21581 | |
| | | | RH | 21581 | |
| | | Downstream | LH | 21075 | |
| | | | RH | 21075 | |
| | V8-6.0 | Upstream | LH | 21579 | |
| | | | RH | 21579 | |
| | | Downstream | LH | 21075 | |
| | | | RH | 21075 | |
| V8-6.2 | Upstream | LH | 21581 | | |
| | | RH | 21581 | | |
| | Downstream | LH | 21075 | | |
| | | RH | 21075 | | |
| 2015-14 | V6-4.3 | Upstream | LH | 21581 | |
| | | | RH | 21581 | |
| | | Downstream | LH | 21075 | |
| | | | RH | 21075 | |
| | V8-5.3 | Upstream | LH | 21581 | |
| | | | RH | 21581 | |
| | | Downstream | LH | 21075 | |
| | | | RH | 21075 | |
| | V8-6.0 | Upstream | LH | 2500, 3500 Series; Pickup | 21555 |
| | | | 2500, 3500 Series; Chassis Cab | 21549 | |
| | | Downstream | LH | 2500, 3500 Series; Pickup | 21555 |
| | | | RH | 2500, 3500 Series; Pickup | 21555 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|------------------------|--------------------------------|---------------|---------------|--------------------------------------|---------------------------|-------|
| GMC (Cont'd) | | | | | | |
| Sierra (Cont'd) | | | | | | |
| 2015-14 | V8-6.0 | Upstream | LH | 2500, 3500 Series; Chassis Cab | 21549 | |
| | | | LH | | 21066 | |
| | | RH | | 21066 | | |
| | V8-6.2 | Upstream | LH | | 21581 | |
| | | | RH | | 21581 | |
| | | Downstream | LH | | 21075 | |
| RH | | | 21075 | | | |
| 2013-11 | V6-4.3 | Upstream | LH | | 21559 | |
| | | | RH | | 21559 | |
| | | Downstream | LH | | 21065 | |
| | | | RH | | 21065 | |
| | | V8-4.8 | Upstream | LH | | 21546 |
| | | | | RH | | 21546 |
| | Downstream | | LH | | 21066 | |
| | | | RH | | 21066 | |
| | V8-5.3 | Upstream | LH | | 21546 | |
| | | | RH | | 21546 | |
| | | Downstream | LH | | 21066 | |
| | | | RH | | 21066 | |
| | | V8-6.0 | Upstream | LH | 1500 Series | 21546 |
| | | | | | 2500, 3500 Series; Pickup | 21555 |
| | 2500, 3500 Series; Chassis Cab | | | | 21549 | |
| | RH | | | 1500 Series | 21546 | |
| | | | | 2500, 3500 Series; Pickup | 21555 | |
| | | | | 2500, 3500 Series; Chassis Cab | 21549 | |
| | Downstream | LH | | 21066 | | |
| | | RH | | 21066 | | |
| | V8-6.2 | Upstream | LH | | 21546 | |
| | | | RH | | 21546 | |
| | | Downstream | LH | | 21066 | |
| | | | RH | | 21066 | |
| 2010 | V6-4.3 | Upstream | LH | | 21559 | |
| | | | RH | | 21559 | |
| | | Downstream | LH | | 21065 | |
| | | | RH | | 21065 | |
| | V8-4.8 | Upstream | LH | | 21546 | |
| | | | RH | | 21546 | |
| | | Downstream | LH | | 21066 | |
| | | | RH | | 21066 | |
| | V8-5.3 | Upstream | LH | | 21546 | |
| | | | RH | | 21546 | |
| | | Downstream | LH | | 21066 | |
| | | | RH | | 21066 | |
| | | V8-6.0 | Upstream | LH | 1500 Series | 21546 |
| | | | | | 2500, 3500 Series; Pickup | 21546 |
| | 2500, 3500 Series; Chassis Cab | | | | 21549 | |
| | 1500 Series | | | | 21546 | |
| | 2500, 3500 Series; Pickup | | | | 21546 | |
| | 2500, 3500 Series; Chassis Cab | | | | 21549 | |
| | RH | | | 1500 Series | 21066 | |
| | | | | 2500, 3500 Series; Pickup | 21066 | |
| | | | | 2500, 3500 Series; Chassis Cab; Flex | 21066 | |
| | | | | 2500, 3500 Series; Chassis Cab; Gas | 21061 | |
| | | | | | 21066 | |
| | | | | | 21066 | |
| V8-6.2 | Upstream | LH | | 21546 | | |
| | | RH | | 21546 | | |
| | Downstream | LH | | 21066 | | |
| | | RH | | 21066 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|------------------------|------------|--------------------------------|---|----------------------------------|---------------------------|-------|
| GMC (Cont'd) | | | | | | |
| Sierra (Cont'd) | | | | | | |
| 2009-08 | V6-4.3 | Upstream | LH | | 21559 | |
| | | | RH | | 21559 | |
| | | Downstream | LH | | 21065 | |
| | | | RH | | 21065 | |
| | | V8-4.8 | Upstream | LH | | 21546 |
| | | | | RH | | 21546 |
| | | | Downstream | LH | | 21066 |
| | | | | RH | | 21066 |
| | | V8-5.3 | Upstream | LH | | 21546 |
| | | | | RH | | 21546 |
| | | | Downstream | LH | | 21066 |
| | | | | RH | | 21066 |
| | V8-6.0 | | Upstream | LH | 1500 Series | 21546 |
| | | | | | 2500, 3500 Series; Pickup | 21546 |
| | | 2500, 3500 Series; Chassis Cab | | | 21549 | |
| | | 1500 Series | | | 21546 | |
| | | 2500, 3500 Series; Pickup | | | 21546 | |
| | | 2500, 3500 Series; Chassis Cab | | | 21549 | |
| | | RH | | 1500 Series | 21066 | |
| | | | | 2500, 3500 Series; Pickup | 21066 | |
| | | | | 2500, 3500 Series; Chassis Cab | 21061 | |
| | | | | | 21066 | |
| | | | | | 21066 | |
| | | | | | 21066 | |
| 2007 | V6-4.3 | Upstream | LH | | 21559 | |
| | | | RH | | 21559 | |
| | | Downstream | LH | | 21049 | |
| | RH | | | 21049 | | |
| | V8-4.8 | Upstream | LH | Classic Models (GMT800 Platform) | 21559 | |
| | | | | New Models (GMT900 Platform) | 21546 | |
| RH | | | Classic Models (GMT800 Platform) | 21559 | | |
| | | | New Models (GMT900 Platform) | 21546 | | |
| Downstream | | LH | Classic Models (GMT800 Platform) | 21049 | | |
| | | RH | Classic Models (GMT800 Platform) | 21049 | | |
| V8-5.3 | Upstream | LH | Classic Models (GMT800 Platform) | 21559 | | |
| | | | New Models (GMT900 Platform) | 21546 | | |
| | | | Classic Models (GMT800 Platform) | 21559 | | |
| | | RH | Classic Models (GMT800 Platform) | 21559 | | |
| | | | New Models (GMT900 Platform) | 21546 | | |
| | | | Classic Models (GMT800 Platform) | 21559 | | |
| | Downstream | LH | Classic Models (GMT800 Platform) | 21560 | | |
| | | | New Models (GMT900 Platform) | 21514 | | |
| | | | Classic Models (GMT800 Platform) | 21560 | | |
| | | RH | Classic Models (GMT800 Platform) | 21560 | | |
| | | | New Models (GMT900 Platform) | 21514 | | |
| | | | Classic Models (GMT800 Platform) | 21560 | | |
| V8-6.0 | Upstream | LH | Classic Models (GMT800 Platform); Pickup | 21549 | | |
| | | | New Models (GMT900 Platform); Pickup | 21546 | | |
| | | | New Models (GMT900 Platform); Chassis Cab | 21549 | | |
| | | RH | Classic Models (GMT800 Platform); Pickup | 21549 | | |
| | | | New Models (GMT900 Platform); Pickup | 21546 | | |
| | | | New Models (GMT900 Platform); Pickup | 21546 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|------------------------|------------|--|--|--|-------|-------|
| GMC (Cont'd) | | | | | | |
| Sierra (Cont'd) | | | | | | |
| 2007 | V8-6.0 | Upstream | LH New Models (GMT900 Platform); Chassis Cab | 21549 | | |
| | | | Downstream | LH Classic Models (GMT800 Platform); 1500 Series HD | 21548 | |
| | | | | LH Classic Models (GMT800 Platform); 1500 Series Exc. HD | 21514 | |
| | | | | LH Classic Models (GMT800 Platform); 2500, 3500 Series | 21548 | |
| | | | | LH New Models (GMT900 Platform); 1500 Series | 21514 | |
| | | | | LH New Models (GMT900 Platform); Pickup | 21514 | |
| | | LH New Models (GMT900 Platform); Chassis Cab | | 21548 | | |
| | | RH | 21514 | | | |
| | | V8-6.2 | Upstream | LH | 21546 | |
| | | | | RH | 21546 | |
| | | | Downstream | LH | 21514 | |
| | | | | RH | 21514 | |
| | V8-8.1 | | | Upstream | LH | 21549 |
| | | | | | RH | 21549 |
| | Downstream | LH Male Plug | 21555 | | | |
| | | RH Female Plug | 21549 | | | |
| | | RH | 21549 | | | |
| | | RH | 21549 | | | |
| | 2006 | V6-4.3 | Upstream | LH | 21514 | |
| | | | | RH | 21514 | |
| | | | Downstream | LH | 21514 | |
| | | | | RH | 21514 | |
| | | | V8-4.8 | Upstream | LH | 21559 |
| | | | | | RH | 21559 |
| Downstream | | LH | | 21049 | | |
| | | RH | | 21049 | | |
| V8-5.3 | | Upstream | LH | 21559 | | |
| | | | RH | 21559 | | |
| | | Downstream | LH | 21560 | | |
| | | | RH | 21560 | | |
| | | | V8-6.0 | Upstream | LH | 21549 |
| | | | | | RH | 21549 |
| Downstream | | LH 1500 Series HD Models | | 21548 | | |
| | | LH 1500 Series Exc. HD Models | | 21514 | | |
| | | LH 2500, 3500 Series | | 21548 | | |
| | | RH | | 21514 | | |
| V8-8.1 | | Upstream | LH | 21549 | | |
| | | | RH | 21549 | | |
| | | Downstream | LH | 21555 | | |
| | | | RH | 21549 | | |
| | | | RH | 21549 | | |
| | | | RH | 21549 | | |
| 2005 | V6-4.3 | Upstream | LH | 21514 | | |
| | | | RH | 21514 | | |
| | | Downstream | LH | 21514 | | |
| | | | RH | 21514 | | |
| | | V8-4.8 | Upstream | LH | 21514 | |
| | | | | RH | 21514 | |
| | Downstream | | LH | 21514 | | |
| | | | RH | 21514 | | |
| | V8-5.3 | Upstream | LH | 21546 | | |
| | | | RH | 21546 | | |
| | | Downstream | LH | 21546 | | |
| | | | RH | 21546 | | |
| | | | V8-6.0 | Upstream | LH | 21549 |
| | | | | | RH | 21549 |
| | Downstream | LH 1500 Series HD Models | | 21548 | | |
| | | LH 1500 Series Exc. HD Models | | 21514 | | |
| | | LH 1500 Series Exc. HD Models | | 21514 | | |
| | | RH 2500, 3500 Series | | 21548 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|------------------------|------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|-------|-------|
| GMC (Cont'd) | | | | | | | |
| Sierra (Cont'd) | | | | | | | |
| 2005 | V8-6.0 | Downstream | LH 2500, 3500 Series | 21548 | | | |
| | | | RH | 21514 | | | |
| | | V8-8.1 | Upstream | LH | 21549 | | |
| | | | | RH | 21549 | | |
| | | | Downstream | LH | 21555 | | |
| | | | | RH | 21549 | | |
| | 2004 | V6-4.3 | Upstream | LH | 21514 | | |
| | | | | RH | 21514 | | |
| | | | Downstream | LH | 21514 | | |
| | | | | RH | 21514 | | |
| | | | | V8-4.8 | Upstream | LH | 21514 |
| | | | | | | RH | 21514 |
| | | Downstream | LH | | 21514 | | |
| | | | RH | | 21514 | | |
| | | V8-5.3 | Upstream | LH | 21546 | | |
| | | | | RH | 21546 | | |
| | | | Downstream | LH | 21546 | | |
| | | | | RH | 21546 | | |
| | V8-6.0 | Upstream | LH | 21549 | | | |
| | | | RH | 21549 | | | |
| | | Downstream | LH 1500 Series Exc. HD Models | 21514 | | | |
| | | | RH 2500, 3500 Series | 21548 | | | |
| | | | RH | 21514 | | | |
| | | | RH | 21514 | | | |
| V8-8.1 | Upstream | LH | 21549 | | | | |
| | | RH | 21549 | | | | |
| | Downstream | LH | 21555 | | | | |
| | | RH | 21549 | | | | |
| | | RH | 21549 | | | | |
| | | RH | 21549 | | | | |
| 2003 | V6-4.3 | Upstream | LH | 21514 | | | |
| | | | RH | 21514 | | | |
| | | Downstream | LH | 21514 | | | |
| | | | RH | 21514 | | | |
| | | | V8-4.8 | Upstream | LH | 21514 | |
| | | | | | RH | 21514 | |
| | Downstream | LH | | 21514 | | | |
| | | RH | | 21514 | | | |
| | V8-5.3 | Upstream | LH | 21546 | | | |
| | | | RH | 21546 | | | |
| | | Downstream | LH | 21546 | | | |
| | | | RH | 21546 | | | |
| | | | V8-6.0 | Upstream | LH | 21549 | |
| | | | | | RH | 21549 | |
| | Downstream | LH 1500 Series HD Models | | 21548 | | | |
| | | RH 1500 Series Exc. HD Models | | 21514 | | | |
| | | RH 2500, 3500 Series | | 21548 | | | |
| | | RH | | 21514 | | | |
| | V8-8.1 | Upstream | LH | 21549 | | | |
| | | | RH | 21549 | | | |
| | | Downstream | LH | 21555 | | | |
| | | | RH | 21549 | | | |
| | | | RH | 21549 | | | |
| | | | RH | 21549 | | | |
| 2002 | V6-4.3 | Upstream | LH VIN X | 21516 | | | |
| | | | RH VIN W | 24626 | | | |
| | | | RH VIN X | 21516 | | | |
| | | | RH VIN W | 24626 | | | |
| | | | Downstream | LH VIN X | 21516 | | |
| | | | | RH VIN W | 21539 | | |
| | | RH VIN X | | 21516 | | | |
| | | RH VIN W | | 21539 | | | |
| | | V8-4.8 | | Upstream | LH Canada Built (Oshawa Plant) | 21516 | |
| | | | | | RH Exc. Canada Built | 24626 | |
| | | | Downstream | LH Canada Built (Oshawa Plant) | 21516 | | |
| | | | | RH | 21516 | | |
| | RH | | | 21516 | | | |
| | RH | | | 21516 | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|------------|---------------|-----------------------------|-----------------------------|-------|
| GMC (Cont'd) | | | | | |
| Sierra (Cont'd) | | | | | |
| 2002 | V8-4.8 | Upstream | LH | Exc. Canada Built | 24626 |
| | | | LH | Canada Built (Oshawa Plant) | 21516 |
| | | Downstream | LH | Exc. Canada Built | 21539 |
| | | | RH | Canada Built (Oshawa Plant) | 21516 |
| | | | RH | Exc. Canada Built | 21539 |
| | | | RH | Canada Built (Oshawa Plant) | 21516 |
| | V8-5.3 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | LH | Exc. Canada Built | 24626 |
| | | Downstream | RH | Canada Built (Oshawa Plant) | 21516 |
| | | | RH | Exc. Canada Built | 24626 |
| | | | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | LH | Exc. Canada Built | 21539 |
| | V8-6.0 | Upstream | LH | | 21513 |
| | | | RH | | 21513 |
| | | Downstream | LH | | 21548 |
| | | | RH | | 21514 |
| | | | LH | | 21513 |
| | | | RH | | 21513 |
| | V8-8.1 | Upstream | LH | | 21513 |
| | | | RH | | 21513 |
| | | Downstream | LH | | 21518 |
| | | | RH | | 21513 |
| | | | LH | | 21513 |
| | | | RH | | 21513 |
| 2001 | V6-4.3 | Upstream | LH | | 24626 |
| | | | RH | | 24626 |
| | | Downstream | LH | | 21539 |
| | | | RH | | 21539 |
| | | | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | RH | Exc. Canada Built | 24626 |
| | V8-4.8 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | RH | Exc. Canada Built | 24626 |
| | | Downstream | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | RH | Exc. Canada Built | 21539 |
| | | | RH | Canada Built (Oshawa Plant) | 21516 |
| | | | RH | Exc. Canada Built | 21539 |
| | V8-5.3 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | LH | Exc. Canada Built | 24626 |
| | | Downstream | RH | Canada Built (Oshawa Plant) | 21516 |
| | | | RH | Exc. Canada Built | 24626 |
| | | | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | LH | Exc. Canada Built | 21539 |
| | V8-6.0 | Upstream | LH | | 21513 |
| | | | RH | | 21513 |
| | | Downstream | LH | | 21510 |
| | | | RH | | 21539 |
| | | | LH | | 21513 |
| | | | RH | | 21513 |
| V8-8.1 | Upstream | LH | | 21513 | |
| | | RH | | 21513 | |
| | Downstream | LH | | 21518 | |
| | | RH | | 21513 | |
| | | LH | | 21513 | |
| | | RH | | 21513 | |
| 2000 | V6-4.3 | Upstream | LH | | 24626 |
| | | | RH | | 24626 |
| | | Downstream | LH | | 21539 |
| | | | RH | | 21539 |
| | | | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | RH | Exc. Canada Built | 24626 |
| V8-4.8 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | RH | Exc. Canada Built | 24626 | |
| | Downstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | RH | Exc. Canada Built | 21539 | |
| | | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | RH | Exc. Canada Built | 21539 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|------------------------|------------|---------------|---------------|-----------------------------|-------|-------|
| GMC (Cont'd) | | | | | | |
| Sierra (Cont'd) | | | | | | |
| 2000 | V8-4.8 | Downstream | LH | Exc. Canada Built | 21539 | |
| | | | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | Upstream | LH | Exc. Canada Built | 24626 | |
| | | | RH | Canada Built (Oshawa Plant) | 21516 | |
| | | | RH | Exc. Canada Built | 24626 | |
| | | | RH | Canada Built (Oshawa Plant) | 21516 | |
| | V8-5.3 | Downstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | LH | Exc. Canada Built | 21539 | |
| | | Upstream | RH | Canada Built (Oshawa Plant) | 21516 | |
| | | | RH | Exc. Canada Built | 21539 | |
| | | | LH | | 21543 | |
| | | | RH | | 21543 | |
| | V8-6.0 | Upstream | LH | | 21543 | |
| | | | RH | | 21543 | |
| | | Downstream | LH | | 21510 | |
| | | | RH | | 21539 | |
| | | | LH | | 21539 | |
| | | | RH | | 21539 | |
| | 1999 | V6-4.3 | Upstream | LH | | 24626 |
| | | | | RH | | 24626 |
| | | | Downstream | LH | | 21539 |
| | | | | RH | | 21539 |
| | | | | LH | | 21539 |
| | | | | RH | | 21539 |
| V8-4.8 | | Upstream | LH | | 24626 | |
| | | | RH | | 24626 | |
| | | Downstream | LH | | 21539 | |
| | | | RH | | 21539 | |
| | | | LH | | 21539 | |
| | | | RH | | 21539 | |
| V8-5.3 | Upstream | LH | | 24626 | | |
| | | RH | | 24626 | | |
| | Downstream | LH | | 21539 | | |
| | | RH | | 21539 | | |
| | | LH | | 21539 | | |
| | | RH | | 21539 | | |
| V8-6.0 | Upstream | LH | | 21543 | | |
| | | RH | | 21543 | | |
| | Downstream | LH | | 21510 | | |
| | | RH | | 21539 | | |
| | | LH | | 21539 | | |
| | | RH | | 21539 | | |
| Suburban | | | | | | |
| 1999-96 | V8-5.7 | Upstream | LH | A/T; 4L60-E | 21006 | |
| | | | RH | A/T; 4L80-E | 21543 | |
| | | Downstream | RH | A/T; 4L60-E | 21006 | |
| | | | RH | A/T; 4L80-E | 21543 | |
| | | | LH | | 21539 | |
| | | | RH | | 21539 | |
| | V8-7.4 | Upstream | LH | | 21543 | |
| | | | RH | | 21543 | |
| | | Downstream | LH | | 21539 | |
| | | | RH | | 21539 | |
| | | | LH | | 21539 | |
| | | | RH | | 21539 | |
| 1995 | All Engs | Upstream | | 1-Wire | 21002 | |
| | | | | 3-Wire | 21004 | |
| 1994-92 | All Engs | Upstream | | 1-Wire | 21002 | |
| | | | | 3-Wire | 21003 | |
| 1991-83 | All Engs | Upstream | | | 21002 | |
| Terrain | | | | | | |
| 2018 | L4-1.5 | Upstream | | | 21580 | |
| | | | Downstream | | 21580 | |
| | L4-2.0 | Upstream | | | 27016 | |
| | | | Downstream | | 21071 | |
| 2017-15 | L4-2.4 | Upstream | | | 21555 | |
| | | | Downstream | | 21068 | |
| | V6-3.6 | Upstream | LH | | 21556 | |
| | | | RH | | 21556 | |
| | | Downstream | LH | | 21556 | |
| | | | RH | | 21556 | |
| 2014-13 | L4-2.4 | Upstream | | | 21558 | |
| | | | Downstream | | 21068 | |
| | V6-3.6 | Upstream | LH | | 21556 | |
| | | | | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-------------------------|------------|---------------|---------------|----------|-------|-------|
| GMC (Cont'd) | | | | | | |
| Terrain (Cont'd) | | | | | | |
| 2014-13 | V6-3.6 | Upstream | RH | 21556 | | |
| | | | LH | 21556 | | |
| | | Downstream | RH | 21556 | | |
| 2012-11 | L4-2.4 | Upstream | | 21558 | | |
| | | Downstream | | 21068 | | |
| | V6-3.0 | Upstream | LH | 21556 | | |
| | | | RH | 21556 | | |
| | | Downstream | LH | 21556 | | |
| | | | RH | 21556 | | |
| 2010 | L4-2.4 | Upstream | | 21558 | | |
| | | Downstream | | 21064 | | |
| | V6-3.0 | Upstream | LH | 21556 | | |
| | | | RH | 21556 | | |
| | | Downstream | LH | 21556 | | |
| | | | RH | 21556 | | |
| Tracker | | | | | | |
| 1991 | L4-1.6 | Upstream | | 21541 | | |
| 1990-89 | L4-1.6 | Upstream | | 24033 | | |
| Yukon | | | | | | |
| 2018-16 | V8-5.3 | Upstream | LH | 21581 | | |
| | | | RH | 21579 | | |
| | | Downstream | LH | 21075 | | |
| | | | RH | 21075 | | |
| | | V8-6.2 | Upstream | LH | 21581 | |
| | | | | RH | 21579 | |
| | Downstream | | LH | 21075 | | |
| | | | RH | 21075 | | |
| | 2015 | V8-5.3 | Upstream | LH | 21581 | |
| | | | | RH | 21581 | |
| | | | Downstream | LH | 21075 | |
| | | | | RH | 21075 | |
| V8-6.2 | | Upstream | LH | 21581 | | |
| | | | RH | 21581 | | |
| Downstream | LH | 21075 | | | | |
| | RH | 21075 | | | | |
| 2014-08 | All Engs | Upstream | LH | 21546 | | |
| | | | RH | 21546 | | |
| | | Downstream | LH | 21066 | | |
| | | | RH | 21066 | | |
| 2007 | V8-4.8 | Upstream | LH | 21559 | | |
| | | | RH | 21559 | | |
| | | Downstream | LH | 21049 | | |
| | | | RH | 21049 | | |
| | | V8-5.3 | Upstream | LH | 21559 | |
| | | | | RH | 21559 | |
| | Downstream | | LH | 21049 | | |
| | | | RH | 21049 | | |
| | V8-6.0 | | Upstream | LH | 21559 | |
| | | | | RH | 21559 | |
| | | Downstream | LH | 21049 | | |
| | | | RH | 21049 | | |
| | | V8-6.2 | Upstream | LH | 21559 | |
| | | | | RH | 21559 | |
| | Downstream | | LH | 21049 | | |
| | | | RH | 21049 | | |
| | 2006 | | V8-4.8 | Upstream | LH | 21559 |
| | | | | | RH | 21559 |
| Downstream | | LH | | 21049 | | |
| | | RH | | 21049 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-----------------------|------------|---------------|---------------|--|-----------------------------|-------|
| GMC (Cont'd) | | | | | | |
| Yukon (Cont'd) | | | | | | |
| 2006 | V8-5.3 | Upstream | LH | 21559 | | |
| | | | RH | 21559 | | |
| | | Downstream | LH | 21560 | | |
| | | | RH | 21560 | | |
| | | V8-6.0 | Upstream | LH | 21549 | |
| | | | | RH | 21549 | |
| | Downstream | | LH | 1/2 Ton (Standard) Models 3/4 Ton (XL Models) | 21514 | |
| | | | RH | 21514 | | |
| | V8-8.1 | Upstream | LH | 21549 | | |
| | | | RH | 21549 | | |
| | | Downstream | LH | 21555 | | |
| | | | RH | 21549 | | |
| | 2005-04 | V8-4.8 | Upstream | LH | 21514 | |
| | | | | RH | 21514 | |
| | | | Downstream | LH | 21514 | |
| | | | | RH | 21514 | |
| | | | V8-5.3 | Upstream | LH | 21546 |
| | | | | | RH | 21546 |
| Downstream | | LH | | 21546 | | |
| | | RH | | 21546 | | |
| V8-6.0 | | Upstream | LH | 21549 | | |
| | | | RH | 21549 | | |
| | | Downstream | LH | 1/2 Ton (Standard) Models 3/4 Ton (XL Models) | 21514 | |
| | | | RH | 21514 | | |
| V8-8.1 | | Upstream | LH | 21549 | | |
| | | | RH | 21549 | | |
| | | Downstream | LH | 21555 | | |
| | | | RH | 21549 | | |
| 2003 | | V8-4.8 | Upstream | LH | 21514 | |
| | | | | RH | 21514 | |
| | Downstream | | LH | 21514 | | |
| | | | RH | 21514 | | |
| | V8-5.3 | | Upstream | LH | 21546 | |
| | | | | RH | 21546 | |
| | | Downstream | LH | 21546 | | |
| | | | RH | 21546 | | |
| | V8-6.0 | Upstream | LH | 21549 | | |
| | | | RH | 21549 | | |
| | | Downstream | LH | 1/2 Ton (Standard Models) 3/4 Ton (XL Models); Calif. 3/4 Ton (XL Models); Federal | 21514 | |
| | | | RH | 21514 | | |
| | V8-8.1 | Upstream | LH | 21549 | | |
| | | | RH | 21549 | | |
| | | Downstream | LH | 21555 | | |
| | | | RH | 21549 | | |
| | 2002 | V8-4.8 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | | | Exc. Canada Built | 24626 |
| RH | | | | Canada Built (Oshawa Plant) | 21516 | |
| | | | | Exc. Canada Built | 24626 | |
| Downstream | | | | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | | | Exc. Canada Built | 21539 |
| V8-5.3 | | | Upstream | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | | | Exc. Canada Built | 24626 |
| | | | RH | Canada Built (Oshawa Plant) | 21516 | |
| | | | | Exc. Canada Built | 24626 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-----------------------|------------|---------------|---------------------|-----------------------------|-----------------------------|-------|
| GMC (Cont'd) | | | | | | |
| Yukon (Cont'd) | | | | | | |
| 2002 | V8-5.3 | Downstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | | Exc. Canada Built | 21539 | |
| | | | RH | Canada Built (Oshawa Plant) | 21516 | |
| | | | Exc. Canada Built | 21539 | | |
| | | V8-6.0 | Upstream | LH | | 21513 |
| | | | | RH | | 21513 |
| | V8-8.1 | Downstream | LH | 1/2 Ton (Standard Models) | 21539 | |
| | | | | 3/4 Ton (XL Models) | 21548 | |
| | | | RH | 1/2 Ton (Standard Models) | 21539 | |
| | | | 3/4 Ton (XL Models) | 21514 | | |
| | | Upstream | LH | | 21513 | |
| | | | RH | | 21513 | |
| | Downstream | LH | | 21518 | | |
| | | RH | | 21513 | | |
| | 2001 | V8-4.8 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | | | Exc. Canada Built | 24626 |
| | | | | RH | Canada Built (Oshawa Plant) | 21516 |
| | | | | | Exc. Canada Built | 24626 |
| Downstream | | | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | | Exc. Canada Built | 21539 | |
| | | | RH | Canada Built (Oshawa Plant) | 21516 | |
| | | | | Exc. Canada Built | 21539 | |
| V8-5.3 | | | Upstream | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | | | Exc. Canada Built | 24626 |
| | | | | RH | Canada Built (Oshawa Plant) | 21516 |
| | | | | Exc. Canada Built | 24626 | |
| | | Downstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | RH | Canada Built (Oshawa Plant) | 21516 | |
| V8-6.0 | | Upstream | LH | | 21513 | |
| | | | | | 21513 | |
| | | | RH | | 21513 | |
| | | Downstream | LH | | 21510 | |
| | | | | | 21539 | |
| | | | RH | | 21539 | |
| V8-8.1 | | Upstream | LH | | 21513 | |
| | | | RH | | 21513 | |
| | | Downstream | LH | | 21518 | |
| | | | RH | | 21513 | |
| 2000 | | V8-4.8 | Upstream | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | | | Exc. Canada Built | 24626 |
| | | | | RH | Canada Built (Oshawa Plant) | 21516 |
| | | | | | Exc. Canada Built | 24626 |
| | | | Downstream | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | | | Exc. Canada Built | 21539 |
| | RH | | | Canada Built (Oshawa Plant) | 21516 | |
| | | | | Exc. Canada Built | 21539 | |
| | V8-5.3 | | Upstream | LH | Canada Built (Oshawa Plant) | 21516 |
| | | | | | Exc. Canada Built | 24626 |
| | | | | RH | Canada Built (Oshawa Plant) | 21516 |
| | | | | Exc. Canada Built | 24626 | |
| | | Downstream | LH | Canada Built (Oshawa Plant) | 21516 | |
| | | | RH | Canada Built (Oshawa Plant) | 21516 | |
| | V8-5.7 | Upstream | LH | A/T; 4L60-E | 21006 | |
| | | | | | 21006 | |
| | | | RH | A/T; 4L60-E | 21006 | |
| | | Downstream | LH | | 21539 | |
| | | | | | 21539 | |
| | | | RH | | 21539 | |
| | V8-6.0 | Upstream | LH | | 21543 | |
| | | | RH | | 21543 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|---------------------------------|------------|---------------|---------------|-------------|-------------|-------------|-------|
| GMC (Cont'd) | | | | | | | |
| Yukon (Cont'd) | | | | | | | |
| 2000 | V8-6.0 | Upstream | RH | | 21543 | | |
| | | | | | 21510 | | |
| | | Downstream | LH | | 21539 | | |
| | | | RH | | 21539 | | |
| | | 1999 | V8-5.7 | Upstream | LH | A/T; 4L60-E | 21006 |
| | | | | | | A/T; 4L60-E | 21006 |
| | Downstream | | | LH | | 21539 | |
| | | | RH | | 21539 | | |
| | 1998-97 | | V8-5.7 | Upstream | LH | A/T; 4L60-E | 21006 |
| | | | | | | A/T; 4L80-E | 21543 |
| | | Downstream | | RH | A/T; 4L60-E | 21006 | |
| | | | | A/T; 4L80-E | 21543 | | |
| Downstream | | LH | | 21539 | | | |
| | | RH | | 21539 | | | |
| 1996 | V8-5.7 | Upstream | LH | M/T | 21543 | | |
| | | | | A/T; 4L60-E | 21006 | | |
| | | | | A/T; 4L80-E | 21543 | | |
| | | Downstream | RH | M/T | 21543 | | |
| | | | | A/T; 4L60-E | 21006 | | |
| | | | | A/T; 4L80-E | 21543 | | |
| Downstream | LH | | 21539 | | | | |
| | RH | | 21539 | | | | |
| 1995 | V8-5.7 | Upstream | | 1-Wire | 21002 | | |
| | | | | 3-Wire | 21004 | | |
| 1994-92 | V8-5.7 | Upstream | | 1-Wire | 21002 | | |
| | | | | 3-Wire | 21003 | | |
| HONDA | | | | | | | |
| Accord, Accord Crosstour | | | | | | | |
| 2018 | L4-1.5 | Upstream | | | 27072 | | |
| | | | | | 24264 | | |
| | | Downstream | | | 27071 | | |
| | | | Turbo | 27075 | | | |
| | | | Non-Turbo | 24273 | | | |
| | 2017 | L4-2.0 | Upstream | | | 24273 | |
| | | | | Turbo | 24179 | | |
| Downstream | | | | | 27075 | | |
| | | | | 24179 | | | |
| | | | | 25680 | | | |
| 2016 | | L4-2.4 | Upstream | | | 24473 | |
| | | | | | 25680 | | |
| | Downstream | | | | 24473 | | |
| | | | | 24473 | | | |
| | | | | 24473 | | | |
| | 2015-14 | L4-2.0 | Upstream | | | 24373 | |
| | | | | | 24372 | | |
| Downstream | | | | | 24372 | | |
| | | | | 24372 | | | |
| | | | | 24372 | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|-----------|----------------------|---------------|----------------------|---------------------|
| HONDA (Cont'd) | | | | | |
| Accord, Accord Crosstour (Cont'd) | | | | | |
| 2015-14 | L4-2.4 | Upstream | | 25680 | |
| | | Downstream | Accord | 24473 | |
| | | | Crosstour | 24463 | |
| | V6-3.5 | Upstream | F | Accord; Calif, A/T | 24373 |
| | | | | Accord; Calif, M/T | 24372 |
| | | | | Accord; Federal | 24372 |
| | | | | Crosstour | 24372 |
| | | | | R | Accord; Calif, A/T |
| | | Accord; Calif, M/T | 24372 | | |
| | | Accord; Federal | 24372 | | |
| | | Crosstour | 24372 | | |
| | | Downstream | F | Accord; A/T | 24474 |
| | | | | Accord; M/T | 24476 |
| | R | Crosstour | 24474 | | |
| R | | 24475 | | | |
| 2013 | L4-2.4 | Upstream | | 25680 | |
| | | Downstream | Accord | 24473 | |
| | | | Crosstour | 24463 | |
| | V6-3.5 | Upstream | F | Accord; Calif, A/T | 24373 |
| | | | | Accord; Calif, M/T | 24372 |
| | | | | Accord; Federal | 24372 |
| | | | | Crosstour | 24372 |
| | | | | R | Accord; Calif, A/T |
| | | Accord; Calif, M/T | 24372 | | |
| | | Accord; Federal | 24372 | | |
| | | Crosstour | 24372 | | |
| | | Downstream | F | Accord; A/T | 24474 |
| | | | | Accord; M/T | 24476 |
| | R | Crosstour | 24474 | | |
| R | | 24475 | | | |
| 2012 | L4-2.4 | Upstream | | 25680 | |
| | | Downstream | Accord | 24434 | |
| | | | Crosstour | 24463 | |
| | V6-3.5 | Upstream | F | 24385 | |
| | | | R | 24385 | |
| | | Downstream | F | Accord; A/T | 24436 |
| | | | Accord; M/T | 24438 | |
| | | | Crosstour | 24115 | |
| | | R | | 24435 | |
| | 2011 | L4-2.4 | Upstream | | 25680 |
| | | | Downstream | | 24434 |
| | | V6-3.5 | Upstream | F | 24385 |
| | | | | R | 24385 |
| | | | Downstream | F | Accord; A/T |
| Accord; M/T | | | | 24438 | |
| Crosstour | | | | 24115 | |
| R | | | | 24435 | |
| 2010 | | L4-2.4 | Upstream | | 25680 |
| | | | Downstream | | 24434 |
| | V6-3.5 | Upstream | F | Accord; A/T; Calif. | 24386 |
| | | | | Accord; A/T; Federal | 24385 |
| | | | | Accord M/T | 24385 |
| | | | | Crosstour | 24385 |
| | | | | R | Accord; A/T; Calif. |
| | | Accord; A/T; Federal | 24385 | | |
| | | Accord M/T | 24385 | | |
| | | Crosstour | 24385 | | |
| Downstream | | F | Accord; A/T | 24436 | |
| | | | Accord; M/T | 24438 | |
| R | Crosstour | 24115 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--|------------|-----------------------|-------------------|--------------|-------------|-------|
| HONDA (Cont'd) | | | | | | |
| Accord, Accord Crosstour (Cont'd) | | | | | | |
| 2010 | V6-3.5 | Downstream | R | 24435 | | |
| 2009-08 | L4-2.4 | Upstream | | 25680 | | |
| | | Downstream | | 24434 | | |
| | V6-3.5 | Upstream | F | A/T; Calif. | 24386 | |
| | | | | A/T; Federal | 24385 | |
| | | | | M/T | 24385 | |
| | | | | R | A/T; Calif. | 24386 |
| | | | | A/T; Federal | 24385 | |
| | | M/T | 24385 | | | |
| | | Downstream | F | A/T | 24436 | |
| | | | | M/T | 24438 | |
| | | R | | 24435 | | |
| | | 2007-06 | L4-2.4 | Upstream | | 24803 |
| | Downstream | | | Calif. | 24258 | |
| | | | Federal | 24647 | | |
| V6-3.0 | Upstream | | F | 24305 | | |
| | | | R | 24302 | | |
| | Downstream | | F | Hybrid | 24259 | |
| | | R | Gas; A/T | 24259 | | |
| | Gas; M/T | 24414 | | | | |
| | | | 24255 | | | |
| 2005 | L4-2.4 | Upstream | | 24803 | | |
| | | Downstream | Calif. | 24258 | | |
| | | Federal | 24647 | | | |
| | V6-3.0 | Upstream | F | 24305 | | |
| | | | R | 24302 | | |
| | | Downstream | F | Hybrid | 24259 | |
| | | | R | Gas; A/T | 24413 | |
| | | Gas; M/T | 24414 | | | |
| | | | Hybrid | 24255 | | |
| | | | Gas | 24414 | | |
| 2004 | L4-2.4 | Upstream | | 24803 | | |
| | | Downstream | Calif. | 24258 | | |
| | | Federal | 24647 | | | |
| | V6-3.0 | Upstream | F | 24305 | | |
| | | | R | 24302 | | |
| | | Downstream | F | Hybrid | 24259 | |
| | | | R | Gas; A/T | 24413 | |
| | | Gas; M/T | 24414 | | | |
| | | | Hybrid | 24255 | | |
| | | | Gas | 24414 | | |
| 2003 | L4-2.4 | Upstream | | 24803 | | |
| | | Downstream | Coupe | 24647 | | |
| | | Sedan; Calif; OE | 24412 | | | |
| | | #36532RADL11 (1030mm) | | | | |
| | | Sedan; Calif; OE | 24258 | | | |
| | | #36532RADL12 (1000mm) | | | | |
| | | Sedan; Federal | 24647 | | | |
| | V6-3.0 | Upstream | LH | 24302 | | |
| | | | RH | 24302 | | |
| | | Downstream | LH | A/T | 24413 | |
| RH | | | M/T | 24414 | | |
| | | | 24414 | | | |
| 2002-01 | L4-2.3 | Upstream | F23A1, F23A5 Engs | 24655 | | |
| | | | F23A4 Eng | 24660 | | |
| | Downstream | F23A1, F23A5 Engs | 24584 | | | |
| | | F23A4 Eng; ULEV | 24584 | | | |
| | | F23A4 Eng; SULEV | 24290 | | | |
| | | | | | | |
| V6-3.0 | Upstream | | 24582 | | | |
| | Downstream | | 24584 | | | |
| 2000 | L4-2.3 | Upstream | F23A1, F23A5 Engs | 24655 | | |
| | | | F23A4 Eng; ULEV | 24809 | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|---------------|-------------------|--------------------|----------------------|
| HONDA (Cont'd) | | | | | |
| Accord, Accord Crosstour (Cont'd) | | | | | |
| 2000 | L4-2.3 | Upstream | F23A4 Eng; SULEV | 24660 | |
| | | | Downstream | F23A1, F23A5 Engs | 24584 |
| | | Upstream | | F23A4 Eng; ULEV | 24584 |
| | | | Downstream | F23A4 Eng; SULEV | 24290 |
| | V6-3.0 | Upstream | | | 24582 |
| | | Downstream | | 24584 | |
| 1999-98 | L4-2.3 | Upstream | F23A1, F23A5 Engs | 24655 | |
| | | | Downstream | F23A4 Eng; ULEV | 24809 |
| | | Upstream | | F23A1 Eng | 24584 |
| | | | Downstream | F23A5 Eng; Calif. | 24584 |
| | | Upstream | | F23A5 Eng; Federal | 24603 |
| | | | Downstream | F23A4 Eng; ULEV | 24584 |
| | V6-3.0 | Upstream | | | 24542 |
| | | Downstream | Calif. | 24584 | |
| | 1997-96 | L4-2.2 | Upstream | Male Plug | 24169 |
| | | | | Female Plug | 24042 |
| Downstream | | | | 24603 | |
| V6-2.7 | | Upstream | | 24542 | |
| | | Downstream | | 24603 | |
| | | 1995 | L4-2.2 | Upstream | Male Plug; F22B1 Eng |
| Female Plug; F22B2 Eng | 24042 | | | | |
| V6-2.7 | Upstream | | | 24542 | |
| | Downstream | | 24603 | | |
| 1994-90 | L4-2.2 | Upstream | Male Plug | 24169 | |
| | | | Female Plug | 24042 | |
| 1989-86 | L4-2.0 | Upstream | CARB | 24033 | |
| | | | LH Split Mnfd; FI | 24033 | |
| | | | RH Split Mnfd; FI | 24033 | |
| 1985-84 | All Engs | Upstream | | 24033 | |
| Civic, Civic Wagovan | | | | | |
| 2018-17 | L4-1.5 | Upstream | | 27033 | |
| | | | Downstream | A/T CVT | 24485 |
| | L4-2.0 | Upstream | | Non-Turbo | 27032 |
| | | | Downstream | Non-Turbo | 24484 |
| 2016 | L4-1.5 | Upstream | | 27033 | |
| | | | Downstream | | 24485 |
| | L4-2.0 | Upstream | | | 27032 |
| | | | Downstream | | 24484 |
| 2015-14 | L4-1.5 | Upstream | | 25680 | |
| | | | Downstream | | 24461 |
| | L4-1.8 | Upstream | | | 25700 |
| | | | Downstream | | 24134 |
| | L4-2.4 | Upstream | | | 25680 |
| | | | Downstream | | 24462 |
| 2013-12 | L4-1.5 | Upstream | | 25680 | |
| | | | Downstream | | 24461 |
| | L4-1.8 | Upstream | | | 25700 |
| | | | Downstream | | 24048 |
| | L4-2.4 | Upstream | | | 25680 |
| | | | Downstream | | 24462 |
| 2011-06 | L4-1.3 | Upstream | | 25699 | |
| | | | Downstream | | 24048 |
| | L4-1.8 | Upstream | | | 25700 |
| | | | Downstream | | 24048 |
| | L4-2.0 | Upstream | | | 25699 |
| | | | Downstream | | 24026 |
| 2005-04 | L4-1.3 | Upstream | | 24665 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--------------------------------------|-------------------------|-----------------------------------|-----------------------------------|---------------------------------|-------------------------|
| HONDA (Cont'd) | | | | | |
| Civic, Civic Wagovan (Cont'd) | | | | | |
| 2005-04 | L4-1.3 | Intermediate | Federal; Loc. After Primary Cat | 24429 | |
| | | | Downstream | Calif. | 24240 |
| | | L4-1.7 | Upstream | D17A1 Eng | 24665 |
| | D17A2 Eng | | | 24664 | |
| | D17A6 Eng; Loc. in Mnfd | | | 24665 | |
| | Intermediate | Downstream | D17A7 Eng | 24425 | |
| | | | D17A6 Eng; Loc. After Primary Cat | 24422 | |
| | | | D17A1 Eng | 24243 | |
| | L4-2.0 | Upstream | D17A2 Eng | 24242 | |
| | | | D17A6 Eng; Loc. After Scndary Cat | 24423 | |
| | | | D17A7 Eng | 24426 | |
| | 2003 | L4-1.3 | Upstream | | 24665 |
| Intermediate | | | | Federal; Loc. After Primary Cat | 24429 |
| | | | | Downstream | Calif; To Eng #3S020135 |
| L4-1.7 | Upstream | Calif; From Eng #3S020136 | 24240 | | |
| | | Federal; Loc. After Scndary Cat | 24431 | | |
| | | D17A1 Eng | 24289 | | |
| Intermediate | Downstream | D17A2 Eng | 24291 | | |
| | | D17A6 Eng; Loc. in Mnfd | 24665 | | |
| | | D17A7 Eng | 24425 | | |
| L4-2.0 | Upstream | D17A6 Eng; Loc. After Primary Cat | 24422 | | |
| | | Downstream | D17A1 Eng | 24284 | |
| | | | D17A2 Eng | 24283 | |
| 2002 | L4-1.7 | Upstream | D17A6 Eng; Loc. After Scndary Cat | 24423 | |
| | | | D17A7 Eng | 24426 | |
| | | | Intermediate | Downstream | D17A1 Eng |
| D17A2 Eng | 24283 | | | | |
| D17A6 Eng; Loc. After Scndary Cat | 24423 | | | | |
| L4-2.0 | Upstream | D17A7 Eng | 24426 | | |
| | | Downstream | | 24665 | |
| | | | | 24409 | |
| 2001 | L4-1.7 | Upstream | D17A1 Eng | 24289 | |
| | | | D17A2 Eng | 24291 | |
| | | | D17A6 Eng; Loc. in Mnfd | 24665 | |
| | Intermediate | Downstream | D17A7 Eng | 24425 | |
| | | | D17A6 Eng; Loc. After Primary Cat | 24422 | |
| | | | D17A1 Eng | 24284 | |
| L4-2.0 | Upstream | D17A2 Eng | 24283 | | |
| | | Downstream | D17A6 Eng; Loc. After Scndary Cat | 24423 | |
| | | | D17A7 Eng | 24426 | |
| 2000-99 | L4-1.6 | Upstream | D17A1 Eng | 24289 | |
| | | | D17A2 Eng | 24291 | |
| | | | D17A6 Eng; Loc. in Mnfd | 24665 | |
| | | | D17A7 Eng | 24425 | |
| 2000-99 | L4-1.6 | Upstream | D17A6 Eng; Loc. After Primary Cat | 24422 | |
| | | | D17A1 Eng | 24284 | |
| | | | D17A2 Eng | 24283 | |
| | | | D17A6 Eng; Loc. After Scndary Cat | 24423 | |
| 2000-99 | L4-1.6 | Upstream | D17A7 Eng | 24426 | |
| | | | D16B5 Eng; CNG | 24421 | |
| | | | D16Y5 Eng; Gas; A/T CVT | 24542 | |
| | | | B16A2 Eng; Gas | 24625 | |
| D16Y5 Eng; Gas; M/T | 24300 | | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--------------------------------------|-------------------------|---------------------|--------------------|-------------------------|----------------|
| HONDA (Cont'd) | | | | | |
| Civic, Civic Wagovan (Cont'd) | | | | | |
| 2000-99 | L4-1.6 | Upstream | D16Y7 Eng; Gas | 24542 | |
| | | | D16Y8 Eng; Gas | 24631 | |
| | | | Downstream | D16B5 Eng; CNG | 24420 |
| | | | | B16A2 Eng; Gas | 24546 |
| | | | | D16Y5 Eng; Gas; A/T CVT | 24542 |
| | | D16Y7 Eng; Gas; A/T | 24542 | | |
| | | D16Y5 Eng; Gas; M/T | 24633 | | |
| | | D16Y7 Eng; Gas; M/T | 24633 | | |
| | | D16Y8 Eng; Gas | 24546 | | |
| | | 1998 | L4-1.6 | Upstream | D16B5 Eng; CNG |
| D16Y5 Eng; Gas; A/T CVT | 24542 | | | | |
| D16Y5 Eng; Gas; M/T | 24300 | | | | |
| D16Y7 Eng; Gas | 24542 | | | | |
| D16Y8 Eng; Gas | 24542 | | | | |
| Downstream | D16B5 Eng; CNG | | | 24420 | |
| | D16Y5 Eng; Gas; A/T CVT | | | 24542 | |
| | D16Y7 Eng; Gas; A/T | | | 24542 | |
| | D16Y5 Eng; Gas; M/T | | | 24633 | |
| | D16Y7 Eng; Gas; M/T | | | 24633 | |
| D16Y8 Eng; Gas | 24546 | | | | |
| 1997 | L4-1.6 | Upstream | D16Y5 Eng; A/T CVT | 24542 | |
| | | | D16Y5 Eng; M/T | 24300 | |
| | | | D16Y8 Eng | 24542 | |
| | | Downstream | D16Y5 Eng; A/T CVT | 24542 | |
| | | | D16Y5 Eng; M/T | 24633 | |
| | | | D16Y8 Eng | 24546 | |
| 1996 | L4-1.6 | Upstream | D16Y5 Eng; A/T CVT | 24542 | |
| | | | D16Y5 Eng; M/T | 24300 | |
| | | | D16Y8 Eng | 24542 | |
| | | Downstream | D16Y5 Eng | 24633 | |
| | | | D16Y8 Eng | 24546 | |
| | | | D16Y8 Eng | 24546 | |
| 1995 | L4-1.5 | Upstream | D15Z1 Eng; Calif. | 24542 | |
| | | | D15Z1 Eng; Federal | 24300 | |
| | | | D15B7 Eng | 24542 | |
| | | | D15B8 Eng | 24166 | |
| | L4-1.6 | Upstream | | 24542 | |
| 1994-93 | L4-1.5 | Upstream | D15Z1 Eng; Calif. | 24542 | |
| | | | D15Z1 Eng; Federal | 24300 | |
| | | | D15B8 Eng; Calif. | 24542 | |
| | | | D15B8 Eng; Federal | 24166 | |
| | | | D15B7 Eng | 24542 | |
| L4-1.6 | Upstream | | 24542 | | |
| 1992 | L4-1.5 | Upstream | D15Z1 Eng | 24300 | |
| | | | D15B7 Eng | 24542 | |
| | | | D15B8 Eng | 24166 | |
| | L4-1.6 | Upstream | | 24542 | |
| 1991-88 | All Engs | Upstream | | 24033 | |
| 1987-84 | All Engs | Upstream | | 24038 | |
| Civic del Sol | | | | | |
| 1997 | L4-1.6 | Upstream | B16A2 Eng | 24169 | |
| | | | D16Y7 Eng | 24542 | |
| | | | D16Y8 Eng | 24542 | |
| | | Downstream | B16A2 Eng | 24633 | |
| | | | D16Y7 Eng; A/T | 24542 | |
| | | | D16Y7 Eng; M/T | 24633 | |
| | | | D16Y8 Eng | 24633 | |
| | | | D16Y8 Eng | 24633 | |
| 1996 | L4-1.6 | Upstream | B16A2 Eng | 24169 | |
| | | | D16Y7 Eng | 24542 | |
| | | | D16Y8 Eng | 24542 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------------|----------|---------------|-----------------------------|----------------|
| HONDA (Cont'd) | | | | |
| Civic del Sol (Cont'd) | | | | |
| 1996 | L4-1.6 | Downstream | | 24633 |
| 1995-94 | L4-1.5 | Upstream | | 24542 |
| | L4-1.6 | Upstream | D16Z6 Eng B16A3 Eng | 24542 24169 |
| 1993 | L4-1.5 | Upstream | | 24542 |
| | L4-1.6 | Upstream | | 24542 |
| CR-V | | | | |
| 2018-17 | L4-1.5 | Upstream | | 27033 |
| | | Downstream | | 24485 |
| | L4-2.4 | Upstream | | 25680 |
| | | Downstream | | 24260 |
| 2016-15 | L4-2.4 | Upstream | | 25680 |
| | | Downstream | | 24479 |
| 2014 | L4-2.4 | Upstream | | 25680 |
| | | Downstream | | 24088 |
| 2013-12 | L4-2.4 | Upstream | | 25680 |
| | | Downstream | | 24461 |
| 2011-10 | L4-2.4 | Upstream | | 25680 |
| | | Downstream | | 24113 |
| 2009-07 | L4-2.4 | Upstream | | 24835 |
| | | Downstream | | 24266 |
| 2006-05 | L4-2.4 | Upstream | | 24838 |
| | | Downstream | | 24251 |
| 2004-02 | L4-2.4 | Upstream | | 24665 |
| | | Downstream | | 24410 |
| 2001-97 | L4-2.0 | Upstream | | 24169 |
| | | Downstream | | 24546 |
| CRX | | | | |
| 1991-88 | All Engs | Upstream | | 24033 |
| CR-Z | | | | |
| 2016-12 | L4-1.5 | Upstream | | 25680 |
| | | Downstream | | 24467 |
| 2011 | L4-1.5 | Upstream | | 25680 |
| | | Downstream | | 24116 |
| Element | | | | |
| 2011-10 | L4-2.4 | Upstream | | 24845 |
| | | Downstream | | 24631 |
| 2009-03 | L4-2.4 | Upstream | | 24838 |
| | | Downstream | | 24631 |
| Fit | | | | |
| 2018-15 | L4-1.5 | Upstream | | 25680 |
| | | Downstream | | 24085 |
| 2014-09 | L4-1.5 | Upstream | | 25680 |
| | | Downstream | | 24439 |
| 2008-07 | L4-1.5 | Upstream | | 25680 |
| | | Downstream | | 24026 |
| HR-V | | | | |
| 2018-16 | L4-1.8 | Upstream | | 25700 |
| | | Downstream | | 24134 |
| Insight | | | | |
| 2014-12 | L4-1.3 | Upstream | | 25680 |
| | | Downstream | | 24467 |
| 2011-10 | L4-1.3 | Upstream | | 25680 |
| | | Downstream | | 24439 |
| 2006-02 | L3-1.0 | Upstream | | 24660 |
| | | Intermediate | M/T; Loc. After Primary Cat | 24429 |
| | | Downstream | A/T CVT | 24292 |
| | | | M/T; Loc. After Scndary Cat | 24430 |
| 2001 | L3-1.0 | Upstream | A/T CVT | 24660 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|--------|---------------|---------------|--------------|-------|
| HONDA (Cont'd) | | | | | |
| Insight (Cont'd) | | | | | |
| 2001 | L3-1.0 | Upstream | M/T | 24301 | |
| | | Downstream | A/T CVT | 24292 | |
| | | | M/T | 24427 | |
| 2000 | L3-1.0 | Upstream | | 24301 | |
| | | Downstream | | 24288 | |
| Odyssey | | | | | |
| 2019-18 | V6-3.5 | Upstream | F | 27073 | |
| | | | R | 27074 | |
| | | Downstream | F | 9-Speed A/T | 24207 |
| | | | | 10-Speed A/T | 24486 |
| | | | R | 9-Speed A/T | 24487 |
| | | | | 10-Speed A/T | 24488 |
| 2017-14 | V6-3.5 | Upstream | F | 24372 | |
| | | | R | 24372 | |
| | | Downstream | F | 24089 | |
| | | | R | 24093 | |
| 2013-11 | V6-3.5 | Upstream | F | 24385 | |
| | | | R | 24385 | |
| | | Downstream | F | 5-Speed A/T | 24436 |
| | | | | 6-Speed A/T | 24114 |
| | | | R | | 24435 |
| 2010-08 | V6-3.5 | Upstream | F | 24346 | |
| | | | R | 24346 | |
| | | Downstream | F | J35A7 Eng | 24437 |
| | | | | J35A6 Eng | 24259 |
| | | | R | J35A7 Eng | 24435 |
| | | | | J35A6 Eng | 24255 |
| 2007 | V6-3.5 | Upstream | F | 24346 | |
| | | | R | 24346 | |
| | | Downstream | F | 24259 | |
| | | | R | 24255 | |
| 2006-05 | V6-3.5 | Upstream | F | 24302 | |
| | | | R | 24302 | |
| | | Downstream | F | 24259 | |
| | R | 24255 | | | |
| 2004 | V6-3.5 | Upstream | J35A4 Eng | 24585 | |
| | | | F | J35A7 Eng | 24302 |
| | | | R | J35A7 Eng | 24302 |
| | | Downstream | J35A4 Eng | 24235 | |
| | | | F | J35A7 Eng | 24259 |
| | | | R | J35A7 Eng | 24255 |
| 2003-02 | V6-3.5 | Upstream | | 24585 | |
| | | Downstream | | 24235 | |
| 2001 | V6-3.5 | Upstream | | 24582 | |
| | | Downstream | | 24419 | |
| 2000-99 | V6-3.5 | Upstream | | 24542 | |
| | | Downstream | | 24419 | |
| 1998 | L4-2.3 | Upstream | | 24169 | |
| | | Downstream | | 24061 | |
| 1997-96 | L4-2.2 | Upstream | | 24169 | |
| | | Downstream | | 24061 | |
| 1995 | L4-2.2 | Upstream | | 24169 | |
| Passport | | | | | |
| 2002 | V6-3.2 | Upstream | LH | 21516 | |
| | | | RH | 21516 | |
| | | Downstream | LH | 21516 | |
| | | | RH | 21516 | |
| 2001 | V6-3.2 | Upstream | LH | 24653 | |
| | | | RH | 24653 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--------------------------|--------|---------------|--------------------|-------------|-------|
| HONDA (Cont'd) | | | | | |
| Passport (Cont'd) | | | | | |
| 2001 | V6-3.2 | Downstream | LH | 24653 | |
| | | | RH | 24653 | |
| 2000-97 | V6-3.2 | Upstream | LH | 21006 | |
| | | | RH | 21006 | |
| | | Downstream | LH | 21006 | |
| | | | RH | 21006 | |
| 1996 | L4-2.6 | Upstream | | 21006 | |
| | | Downstream | | 21006 | |
| | V6-3.2 | Upstream | LH | 21006 | |
| | | | RH | 21006 | |
| | | Downstream | LH | 21006 | |
| | | | RH | 21006 | |
| 1995-94 | L4-2.6 | Upstream | | 21541 | |
| | V6-3.2 | Upstream | | 24601 | |
| Pilot | | | | | |
| 2018-16 | V6-3.5 | Upstream | F | 24372 | |
| | | | R | 24372 | |
| | | Downstream | F | 6-Speed A/T | 24094 |
| | | | | 9-Speed A/T | 24483 |
| | | | R | | 24475 |
| 2015-12 | V6-3.5 | Upstream | F | 24372 | |
| | | | R | 24372 | |
| | | Downstream | F | 24468 | |
| | | | R | 24435 | |
| 2011-09 | V6-3.5 | Upstream | F | 24385 | |
| | | | R | 24385 | |
| | | Downstream | F | 24436 | |
| | R | 24435 | | | |
| 2008-05 | V6-3.5 | Upstream | F | 24302 | |
| | | | R | 24302 | |
| | | Downstream | F | 24259 | |
| | R | 24255 | | | |
| 2004-03 | V6-3.5 | Upstream | | 24585 | |
| | | Downstream | | 24284 | |
| Prelude | | | | | |
| 2001-97 | L4-2.2 | Upstream | Base | 24282 | |
| | | | Type SH | 24286 | |
| | | Downstream | | 24285 | |
| 1996 | L4-2.2 | Upstream | | 24169 | |
| | | Downstream | | 24603 | |
| | L4-2.3 | Upstream | | 24169 | |
| | | Downstream | | 24603 | |
| 1995-94 | L4-2.2 | Upstream | VTEC; H22A1 Eng | 24169 | |
| | | | S; F22A1 Eng | 24042 | |
| | L4-2.3 | Upstream | | 24169 | |
| 1993 | L4-2.2 | Upstream | S; F22A1 Eng | 24042 | |
| | | | VTEC; H22A1 Eng | 24169 | |
| | L4-2.3 | Upstream | | 24169 | |
| 1992 | L4-2.2 | Upstream | | 24042 | |
| | L4-2.3 | Upstream | | 24169 | |
| 1991 | L4-2.0 | Upstream | LH Split Mnfid | 24033 | |
| | | | RH Split Mnfid | 24033 | |
| | L4-2.1 | Upstream | | 24169 | |
| 1990 | L4-2.0 | Upstream | CARB | 24033 | |
| | | | LH Split Mnfid; FI | 24033 | |
| | | | RH Split Mnfid; FI | 24033 | |
| | L4-2.1 | Upstream | | 24169 | |
| 1989-88 | L4-2.0 | Upstream | CARB | 24033 | |
| | | | LH Split Mnfid; FI | 24033 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------|----------|---------------|--------------------|--------|
| HONDA (Cont'd) | | | | |
| Prelude (Cont'd) | | | | |
| 1989-88 | L4-2.0 | Upstream | RH Split Mnfid; FI | 24033 |
| 1987-84 | All Engs | Upstream | | 24033 |
| Ridgeline | | | | |
| 2018-17 | V6-3.5 | Upstream | F | 24372 |
| | | | R | 24372 |
| | | Downstream | F | 24094 |
| | | | R | 24475 |
| 2014-12 | V6-3.5 | Upstream | F | 24372 |
| | | | R | 24372 |
| | | Downstream | F | 24468 |
| | | | R | 24435 |
| 2011-09 | V6-3.5 | Upstream | F | 24385 |
| | | | R | 24385 |
| | | Downstream | F | 24436 |
| | | | R | 24435 |
| 2008-06 | V6-3.5 | Upstream | F | 24302 |
| | | | R | 24302 |
| | | Downstream | F | 24259 |
| | | | R | 24255 |
| S2000 | | | | |
| 2009-06 | L4-2.2 | Upstream | | 24820 |
| | | Downstream | | 24432 |
| 2005-04 | L4-2.2 | Upstream | | 24249 |
| | | Downstream | | 24250 |
| 2003-00 | L4-2.0 | Upstream | | 24417 |
| | | Downstream | | 24287 |
| HUMMER | | | | |
| H2 | | | | |
| 2009 | V8-6.2 | Upstream | LH | 21559 |
| | | | RH | 21559 |
| | | Downstream | LH | 21061 |
| | | | RH | 21061 |
| 2008 | V8-6.2 | Upstream | LH | 21559 |
| | | | RH | 21559 |
| | | Downstream | LH | 21065 |
| | | | RH | 21065 |
| 2007 | V8-6.0 | Upstream | LH | 21559 |
| | | | RH | 21559 |
| | | Downstream | LH | 21049 |
| | | | RH | 21049 |
| 2006-03 | V8-6.0 | Upstream | LH | 21549 |
| | | | RH | 21549 |
| | | Downstream | LH | 21514 |
| | | | RH | 21514 |
| H3, H3T | | | | |
| 2010-08 | L5-3.7 | Upstream | | 21561 |
| | | Downstream | | 21058 |
| | V8-5.3 | Upstream | LH | 21559 |
| | | | RH | 21559 |
| | | Downstream | LH | 21059 |
| | | | RH | 21059 |
| 2007 | L5-3.7 | Upstream | | 21561 |
| | | Downstream | | 21058 |
| 2006 | L5-3.5 | Upstream | | 21561 |
| | | Downstream | | 21063 |
| HYUNDAI | | | | |
| Accent | | | | |
| 2017-12 | L4-1.6 | Upstream | | 24326 |
| | | Downstream | | 25739 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------|------------|---------------|-----------------------------|--------|
| HYUNDAI (Cont'd) | | | | |
| Accent (Cont'd) | | | | |
| 2011-04 | L4-1.6 | Upstream | | 24588 |
| | | Downstream | | 24588 |
| 2003-01 | L4-1.5 | Upstream | | 24588 |
| | | Downstream | | 24588 |
| | L4-1.6 | Upstream | | 24588 |
| | | Downstream | | 24588 |
| 2000 | L4-1.5 | Upstream | | 24588 |
| | | Downstream | | 24588 |
| 1999-98 | L4-1.5 | Upstream | | 24592 |
| | | Downstream | | 24593 |
| 1997 | L4-1.5 | Upstream | SOHC; To 5/1/97 | 24589 |
| | | | SOHC; From 5/1/97 | 24592 |
| | | | DOHC | 24589 |
| | | Downstream | SOHC; To 5/1/97; Calif. | 24589 |
| | | | SOHC; To 5/1/97; Federal | 24599 |
| | | | DOHC | 24599 |
| 1996 | L4-1.5 | Upstream | | 24589 |
| | | Downstream | SOHC; Calif. | 24589 |
| | | | SOHC; Federal | 24599 |
| | | | DOHC | 24599 |
| 1995 | L4-1.5 | Upstream | SOHC; To 7/25/95 | 25577 |
| | | | SOHC; From 7/25/95 | 24589 |
| | | Downstream | SOHC; From 7/25/95; Calif. | 24589 |
| | | | SOHC; From 7/25/95; Federal | 24599 |
| DOHC | | | | |
| Azera | | | | |
| 2017-12 | V6-3.3 | Upstream | LH | 25211 |
| | | | RH | 25207 |
| | | Downstream | LH | 25219 |
| | | | RH | 25204 |
| 2011-07 | V6-3.3 | Upstream | LH | 25671 |
| | | | RH | 25671 |
| | | Downstream | LH | 25671 |
| | RH | | 25672 | |
| | V6-3.8 | Upstream | LH | 25671 |
| | | | RH | 25671 |
| Downstream | | LH | 25671 | |
| 2006 | V6-3.8 | Upstream | LH | 25671 |
| | | | RH | 25671 |
| | | Downstream | LH | 25671 |
| | | | RH | 25672 |
| Elantra | | | | |
| 2017 | L4-1.4 | Upstream | | 27076 |
| | | Downstream | | 25739 |
| | L4-1.6 | Upstream | | 27077 |
| | | L4-2.0 | Upstream | Sedan |
| | Hatchback | | | 24348 |
| | Downstream | Sedan | Hatchback | 25708 |
| | | | Hatchback | 25733 |
| | 2016-15 | L4-1.8 | Upstream | |
| Downstream | | | | 25732 |
| L4-2.0 | | Upstream | Sedan | 24325 |
| | | | Hatchback | 24348 |
| Downstream | Sedan | Hatchback | 25732 | |
| | | Hatchback | 25733 | |
| 2014 | L4-1.8 | Upstream | | 24325 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------|------------|---------------|---------------------|--------|
| HYUNDAI (Cont'd) | | | | |
| Elantra (Cont'd) | | | | |
| 2014 | L4-1.8 | Downstream | | 25732 |
| | | Upstream | Sedan | 24325 |
| | Hatchback | | 24348 | |
| | Downstream | Coupe | 25732 | |
| Hatchback | | 25733 | | |
| 2013 | L4-1.8 | Upstream | Calif. | 24325 |
| | | Federal | 24348 | |
| | Downstream | Calif. | 25732 | |
| | | Federal | 25733 | |
| 2012-11 | L4-1.8 | Upstream | Calif. | 24325 |
| | | Federal | 24348 | |
| | Downstream | Calif. | 25732 | |
| | | Federal | 25733 | |
| | L4-2.0 | Upstream | | 25683 |
| | | Downstream | | 24588 |
| 2010 | L4-2.0 | Upstream | Sedan | 24362 |
| | | Hatchback | 25683 | |
| | | Downstream | | 24588 |
| 2009 | L4-2.0 | Upstream | Sedan | 24353 |
| | | Hatchback | 25683 | |
| 2008-07 | L4-2.0 | Upstream | | 24353 |
| | | Downstream | | 24588 |
| 2006-04 | L4-2.0 | Upstream | | 24304 |
| | | Downstream | | 24588 |
| 2003 | L4-2.0 | Upstream | 5-Wire Wideband O2 | 24304 |
| | | | 4-Wire O2 | 25606 |
| | | Downstream | | 24588 |
| 2002-01 | L4-2.0 | Upstream | | 25606 |
| | | Downstream | | 24588 |
| 2000-99 | L4-2.0 | Upstream | | 24592 |
| | | Downstream | | 24591 |
| 1998 | L4-1.8 | Upstream | | 24592 |
| | | Downstream | | 24591 |
| 1997-96 | L4-1.8 | Upstream | | 24589 |
| | | Downstream | | 24599 |
| 1995 | L4-1.6 | Upstream | | 24202 |
| | | Downstream | | 24203 |
| | L4-1.8 | Upstream | | 24202 |
| | | Downstream | | 24203 |
| 1994 | All Engs | Upstream | | 24202 |
| | | Downstream | To 7/1/94; Calif. | 24203 |
| | | | From 7/1/94 | 24203 |
| 1993 | All Engs | Upstream | To 7/1/93 | 25578 |
| | | | From 7/1/93 | 24202 |
| | | Downstream | From 7/1/93; Calif. | 24203 |
| 1992 | L4-1.6 | Upstream | | 25578 |
| Entourage | | | | |
| 2010-07 | V6-3.8 | Upstream | LH | 25671 |
| | | | RH | 25671 |
| | | Downstream | LH | 25671 |
| | | | RH | 25672 |
| Equus | | | | |
| 2016-12 | V8-5.0 | Upstream | LH | 25718 |
| | | | RH | 25718 |
| | | Downstream | LH | 25718 |
| | | | RH | 25718 |
| 2011 | V8-4.6 | Upstream | LH | 25718 |
| | | | RH | 25718 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------------|------------|---------------------|-----------------------------|---------|-------|
| HYUNDAI (Cont'd) | | | | | |
| Equus (Cont'd) | | | | | |
| 2011 | V8-4.6 | Downstream | LH | 25718 | |
| | | | RH | 25718 | |
| Excel | | | | | |
| 1994 | L4-1.5 | Upstream | USA; FI | 24202 | |
| | | | Carb; CAN | 24086 | |
| | | Downstream | USA; FI | 24201 | |
| 1993 | L4-1.5 | Upstream | Carb; CAN | 24086 | |
| | | | Calif; FI | 24202 | |
| | | | Federal; To 7/16/93; FI | 24194 | |
| | | | Federal; From 7/16/93; FI | 24202 | |
| | | Downstream | FI | 24201 | |
| 1992 | L4-1.5 | Upstream | CAN; FI | 24194 | |
| | | | From 1/3/92; Carb; CAN | 24086 | |
| | | | Calif; To 7/1/92; USA; FI | 24102 | |
| | | | Calif; From 7/1/92; USA; FI | 24202 | |
| | | | Federal; USA; FI | 24194 | |
| | | | Downstream | USA; FI | 24201 |
| 1991-90 | L4-1.5 | Upstream | CAN; FI | 24194 | |
| | | | Calif; USA | 24102 | |
| | | | Federal; USA | 24194 | |
| 1989-88 | L4-1.5 | Upstream | | 24141 | |
| 1987 | L4-1.5 | Upstream | To 4/87; A/T | 24086 | |
| | | | To 5/87; M/T | 24086 | |
| | | | From 5/87; A/T | 24141 | |
| | | | From 6/87; M/T | 24141 | |
| 1986 | L4-1.5 | Upstream | | 24086 | |
| Genesis Coupe, Genesis Sedan | | | | | |
| 2016-15 | V6-3.8 | Upstream | LH Coupe | 25217 | |
| | | | Sedan | 25226 | |
| | | | RH Coupe | 25223 | |
| | | | Sedan | 25241 | |
| | | | Downstream LH Coupe | 25212 | |
| | | Downstream RH Sedan | 25247 | | |
| | | | | RH | 25212 |
| | | V8-5.0 | Upstream | LH | 25718 |
| | | | | RH | 25718 |
| | | | Downstream | LH | 25718 |
| RH | 25718 | | | | |
| 2014-13 | L4-2.0 | Upstream | | 24371 | |
| | | Downstream | | 25199 | |
| | V6-3.8 | Upstream | LH Coupe | 25217 | |
| | | | Sedan | 25222 | |
| | | RH Coupe | 25223 | | |
| | | Sedan | 25221 | | |
| | Downstream | LH | 25212 | | |
| | | RH | 25212 | | |
| V8-5.0 | Upstream | LH | 25718 | | |
| | | RH | 25718 | | |
| | Downstream | LH | 25718 | | |
| | | RH | 25718 | | |
| 2012 | L4-2.0 | Upstream | | 25210 | |
| | | Downstream | | 25199 | |
| | V6-3.8 | Upstream | LH Coupe | 25671 | |
| | | | Sedan | 25222 | |
| | | | RH Coupe | 25678 | |
| | | Downstream | Sedan | 25221 | |
| | | | LH Coupe | 25671 | |
| | | | RH Coupe | 25671 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|---------------|---------------|------------|----------|
| HYUNDAI (Cont'd) | | | | | |
| Genesis Coupe, Genesis Sedan (Cont'd) | | | | | |
| 2012 | V6-3.8 | Downstream | LH Sedan | 25212 | |
| | | | LH | 25718 | |
| | V8-4.6 | Upstream | RH | 25718 | |
| | | | RH | 25718 | |
| | V8-5.0 | Downstream | LH | 25718 | |
| | | | RH | 25718 | |
| | | Upstream | LH | 25718 | |
| | | | RH | 25718 | |
| | | Downstream | LH | 25718 | |
| | | | RH | 25718 | |
| | 2011-10 | L4-2.0 | Upstream | | 25210 |
| | | | | Downstream | |
| V6-3.8 | | Upstream | LH Coupe | | 25671 |
| | | | Sedan | 25678 | |
| | | RH Coupe | | 25678 | |
| | | | Sedan | 25672 | |
| Downstream | | LH | 25671 | | |
| | | RH | 25671 | | |
| V8-4.6 | | Upstream | LH | 25718 | |
| | | | RH | 25718 | |
| | | Downstream | LH | 25718 | |
| | | | RH | 25718 | |
| 2009 | V6-3.8 | Upstream | LH | 25678 | |
| | | | RH | 25672 | |
| | | Downstream | LH | 25671 | |
| | RH | | 25671 | | |
| | V8-4.6 | Upstream | LH | 25718 | |
| | | | RH | 25718 | |
| Downstream | | LH | 25718 | | |
| | RH | 25718 | | | |
| Ioniq | | | | | |
| 2018-17 | L4-1.6 | Upstream | | 27078 | |
| Santa Fe | | | | | |
| 2016 | L4-2.0 | Upstream | | 27028 | |
| | | | Downstream | | 25225 |
| | L4-2.4 | Upstream | | | 27027 |
| | | | Downstream | | 25240 |
| | V6-3.3 | Upstream | | LH | 25211 |
| | | | RH AWD | 25213 | |
| | | FWD | | 25207 | |
| | | | Downstream | LH | 25219 |
| | RH | 25214 | | | |
| | 2015-13 | L4-2.0 | Upstream | | 24370 |
| | | | | L4-2.4 | Upstream |
| | | Downstream | | | |
| V6-3.3 | | | Upstream | LH | 25211 |
| | | RH AWD | | 25213 | |
| | | FWD | | 25207 | |
| | Downstream | | LH | 25219 | |
| RH | | 25214 | | | |
| 2012-10 | L4-2.4 | Upstream | | 24381 | |
| | | | Downstream | | 25199 |
| | V6-3.5 | Upstream | | LH | 25211 |
| | | | RH | 25213 | |
| | | Downstream | LH | 25212 | |
| | | | RH | 25214 | |
| 2009-07 | V6-2.7 | Upstream | LH | 25195 | |
| | | | RH | 25194 | |
| | | Downstream | LH | 25196 | |
| | | | RH | 25196 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--------------------------|---------|---------------|-----------------------------|------------|-------|
| HYUNDAI (Cont'd) | | | | | |
| Santa Fe (Cont'd) | | | | | |
| 2009-07 | V6-3.3 | Upstream | LH | 25671 | |
| | | | RH | 25678 | |
| | | Downstream | LH | 25671 | |
| | | | RH | 25672 | |
| 2006-05 | L4-2.4 | Upstream | | 25155 | |
| | | | Downstream | | 25150 |
| | V6-2.7 | Upstream | | LH | 25069 |
| | | | RH | 25180 | |
| | | Downstream | LH | 25181 | |
| | | | RH | 25160 | |
| | V6-3.5 | Upstream | LH | 25158 | |
| | | | RH | 25158 | |
| Downstream | | LH | 25162 | | |
| | | RH | 25162 | | |
| 2004-03 | L4-2.4 | Upstream | | 25155 | |
| | | | Downstream | | 25150 |
| | V6-2.7 | Upstream | | LH | 25180 |
| | | | RH | 25180 | |
| | | Downstream | LH | 25181 | |
| | | | RH | 25160 | |
| | V6-3.5 | Upstream | LH | 25158 | |
| | | | RH | 25158 | |
| | | Downstream | LH | 25162 | |
| | | | RH | 25162 | |
| | 2002-01 | L4-2.4 | Upstream | | 25155 |
| | | | | Downstream | |
| V6-2.7 | | Upstream | LH | | 25000 |
| | | | RH | 25000 | |
| | | Downstream | LH | 25169 | |
| | | | RH | 25166 | |
| Scoupe | | | | | |
| 1995 | L4-1.5 | Upstream | Turbo; Calif. | 24529 | |
| | | | Turbo; Federal | 25638 | |
| | | | Non-Turbo; Calif. | 24102 | |
| | | | Non-Turbo; Federal | 24194 | |
| | | Downstream | Turbo | 24529 | |
| 1994 | L4-1.5 | Upstream | Turbo; To 7/1/94 | 25638 | |
| | | | Turbo; From 7/1/94; Calif. | 24529 | |
| | | | Turbo; From 7/1/94; Federal | 25638 | |
| | | | Non-Turbo; Calif. | 24102 | |
| | | | Non-Turbo; Federal | 24194 | |
| | | Downstream | Turbo | 24529 | |
| 1993 | L4-1.5 | Upstream | Turbo; To 7/1/93 | 25034 | |
| | | | Turbo; From 7/1/93 | 25638 | |
| | | | Non-Turbo; Calif. | 24102 | |
| | | | Non-Turbo; Federal | 24194 | |
| | | Downstream | Turbo; From 7/1/93 | 24529 | |
| 1992-91 | L4-1.5 | Upstream | Calif. | 24102 | |
| | | | Federal | 24194 | |
| Sonata | | | | | |
| 2016 | L4-1.6 | Upstream | | 24325 | |
| | | | Downstream | | 25739 |
| | L4-2.0 | Upstream | | Hybrid | 24325 |
| | | | Gas | 27028 | |
| | | Downstream | Hybrid | 25732 | |
| | | | Gas | 25225 | |
| | L4-2.4 | Upstream | | 27027 | |
| | | | Downstream | | 25224 |
| 2015 | L4-1.6 | Upstream | | | 24325 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------|------------------|---------------------------------|---------------------------------------|------------|
| HYUNDAI (Cont'd) | | | | |
| Sonata (Cont'd) | | | | |
| 2015 | L4-1.6 | Downstream | | 25739 |
| | | Upstream | | 27028 |
| | | | Downstream | |
| | L4-2.4 | Upstream | Hybrid | 24381 |
| | | | Gas | 27027 |
| | | Downstream | Hybrid | 25199 |
| | | Gas | 25224 | |
| 2014-13 | L4-2.0 | Upstream | | 24370 |
| | | L4-2.4 | Upstream | Hybrid |
| | Gas; Calif. | | | 24381 |
| | Gas; Federal | | | 24390 |
| | Downstream | Hybrid | 25199 | |
| | | Gas; Calif. | 25199 | |
| 2012 | L4-2.0 | Upstream | | 24370 |
| | L4-2.4 | Upstream | Hybrid | 24381 |
| | | | Gas; A/T; Calif. | 24381 |
| | | | Gas; A/T; Federal | 24390 |
| | | | Gas; M/T | 24390 |
| | Downstream | Hybrid | 25199 | |
| Gas; A/T; Calif. | | 25199 | | |
| 2011 | L4-2.0 | Upstream | | 24370 |
| | | Downstream | To 11/15/10 | 25201 |
| | L4-2.4 | Upstream | Hybrid | 24381 |
| | | | Gas; A/T; Calif. | 24381 |
| | | | Gas; A/T; Federal | 24390 |
| | | | Gas; M/T | 24390 |
| Downstream | Hybrid | 25199 | | |
| | Gas; A/T; Calif. | 25199 | | |
| | | Gas; A/T; Federal; To 3/21/2011 | 25201 | |
| | | Gas; M/T; To 3/21/11 | 25201 | |
| 2010-09 | L4-2.4 | Upstream | Calif. | 24381 |
| | | | Federal | 24382 |
| | | Downstream | Calif. | 25199 |
| | Federal | | 25200 | |
| | V6-3.3 | Upstream | LH | 25671 |
| | | | RH | 25671 |
| Downstream | LH | 25671 | | |
| | RH | 25672 | | |
| 2008-06 | L4-2.4 | Upstream | | 25182 |
| | | Downstream | | 25183 |
| | V6-3.3 | Upstream | LH | 25671 |
| | | | RH | 25671 |
| | | Downstream | LH | 25671 |
| | | | RH | 25672 |
| 2005-03 | L4-2.4 | Upstream | w/Cat. in Exh. Pipe (Under Floor Pan) | 25151 |
| | | | w/Close-Coupled Cat. (In Mnfid) | 25155 |
| | | Downstream | w/Cat. in Exh. Pipe (Under Floor Pan) | 25153 |
| | | | w/Close-Coupled Cat. (In Mnfid) | 25150 |
| | V6-2.7 | Upstream | LH | 25180 |
| | | | RH | 25180 |
| Downstream | LH | 25181 | | |
| | RH | 25160 | | |
| 2002 | L4-2.4 | Upstream | w/Cat. in Exh. Pipe (Under Floor Pan) | 25151 |
| | | | w/Close-Coupled Cat. (In Mnfid) | 25155 |
| | | Downstream | w/Cat. in Exh. Pipe (Under Floor Pan) | 25153 |
| | | | w/Close-Coupled Cat. (In Mnfid) | 25150 |
| | V6-2.7 | Upstream | LH | To 8/16/02 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|------------|---------------|---------------------------------------|--------------|-------|
| HYUNDAI (Cont'd) | | | | | |
| Sonata (Cont'd) | | | | | |
| 2002 | V6-2.7 | Upstream | LH | From 8/16/02 | 25180 |
| | | | RH | To 8/16/02 | 25000 |
| | | Downstream | LH | From 8/16/02 | 25180 |
| | | | | To 8/16/02 | 25169 |
| | | | RH | From 8/16/02 | 25181 |
| | | | | To 8/16/02 | 25166 |
| | | From 8/16/02 | 25160 | | |
| 2001-99 | L4-2.4 | Upstream | w/Cat. in Exh. Pipe (Under Floor Pan) | 25151 | |
| | | | w/Close-Coupled Cat. (In Mnfid) | 25155 | |
| | | Downstream | w/Cat. in Exh. Pipe (Under Floor Pan) | 25153 | |
| | | | w/Close-Coupled Cat. (In Mnfid) | 25150 | |
| | V6-2.5 | Upstream | LH | 25000 | |
| | | | RH | 25000 | |
| Downstream | LH | 25169 | | | |
| | RH | 25166 | | | |
| 1998-97 | L4-2.0 | Upstream | Calif. | 24035 | |
| | | | Federal | 24202 | |
| | | Downstream | Calif. | 24037 | |
| | | | Federal | 24066 | |
| | V6-3.0 | Upstream | | 24202 | |
| | | Downstream | | 24066 | |
| 1996 | L4-2.0 | Upstream | Calif; To 7/1/96 | 24202 | |
| | | | Calif; From 7/1/96 | 24035 | |
| | | Downstream | Federal | 24202 | |
| | | | Calif; To 7/1/96 | 24066 | |
| | | | Calif; From 7/1/96 | 24037 | |
| | | | Federal | 24066 | |
| V6-3.0 | Upstream | | 24202 | | |
| | Downstream | | 24066 | | |
| 1995 | L4-2.0 | Upstream | | 24202 | |
| | | Downstream | Calif. | 24066 | |
| | V6-3.0 | Upstream | | 24202 | |
| | | Downstream | Calif. | 24066 | |
| 1994 | L4-2.0 | Upstream | | 24202 | |
| | | Downstream | Calif. | 24066 | |
| | V6-3.0 | Upstream | | 24534 | |
| | | Downstream | Calif. | 24066 | |
| 1993 | L4-2.0 | Upstream | | 25578 | |
| | | Downstream | Calif. | 24066 | |
| | V6-3.0 | Upstream | | 24534 | |
| | | Downstream | | 25578 | |
| 1992 | L4-2.0 | Upstream | | 25578 | |
| | V6-3.0 | Upstream | | 24534 | |
| 1991 | L4-2.4 | Upstream | | 24102 | |
| | V6-3.0 | Upstream | | 24534 | |
| 1990 | L4-2.4 | Upstream | Calif. | 24102 | |
| | | | Federal; To 7/1/90 | 24194 | |
| | | | Federal; From 7/1/90 | 24102 | |
| | V6-3.0 | Upstream | | 24534 | |
| 1989 | L4-2.4 | Upstream | Calif. | 24102 | |
| | | | Federal | 24194 | |
| Tiburon | | | | | |
| 2008 | L4-2.0 | Upstream | | 25683 | |
| | | Downstream | | 24588 | |
| | V6-2.7 | Upstream | LH | 25180 | |
| | | | RH | 25180 | |
| | | Downstream | LH | 25181 | |
| | | | RH | 25178 | |
| 2007-04 | L4-2.0 | Upstream | | 25606 | |
| | | Downstream | | 24588 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|-----------------|---------------|---------------|-----------|-------|
| HYUNDAI (Cont'd) | | | | | |
| Tiburon (Cont'd) | | | | | |
| 2007-04 | V6-2.7 | Upstream | LH | 25180 | |
| | | | RH | 25180 | |
| | | Downstream | LH | 25181 | |
| | | | RH | 25178 | |
| 2003 | L4-2.0 | Upstream | | 25606 | |
| | | Downstream | | 24588 | |
| | V6-2.7 | Upstream | LH | To 1/03 | 25000 |
| | | | RH | From 1/03 | 25180 |
| | | Downstream | LH | To 1/03 | 25170 |
| | | | RH | From 1/03 | 25181 |
| | 2001-98 | L4-2.0 | Upstream | | 24592 |
| | | | Downstream | | 24591 |
| 1997 | L4-1.8 | Upstream | | 24589 | |
| | | Downstream | | 24599 | |
| | L4-2.0 | Upstream | | 24589 | |
| | | Downstream | | 24599 | |
| Tucson | | | | | |
| 2016 | L4-1.6 | Upstream | | 24325 | |
| | | Downstream | | 25739 | |
| | L4-2.0 | Upstream | | 24348 | |
| | | Downstream | AWD | 25733 | |
| 2015-14 | L4-2.0 | Upstream | | 24348 | |
| | | Downstream | | 25745 | |
| | L4-2.4 | Upstream | | 24381 | |
| | | Downstream | | 25199 | |
| 2013-11 | L4-2.0 | Upstream | A/T; Calif. | 24381 | |
| | | | A/T; Federal | 24390 | |
| | | | M/T | 24390 | |
| | | Downstream | A/T; Calif. | 25199 | |
| | | | A/T; Federal | 25202 | |
| | | | M/T | 25202 | |
| | L4-2.4 | Upstream | Calif. | 24381 | |
| | | | Federal | 24390 | |
| | | Downstream | Calif. | 25199 | |
| | | | Federal | 25202 | |
| 2010 | L4-2.4 | Upstream | Calif; A/T | 24381 | |
| | | | Federal; A/T | 24390 | |
| | | | M/T | 24390 | |
| | | Downstream | Calif; A/T | 25199 | |
| | | | Federal; A/T | 25202 | |
| | | | M/T | 25202 | |
| 2009-05 | L4-2.0 | Upstream | | 25606 | |
| | | Downstream | | 24588 | |
| | V6-2.7 | Upstream | LH | | 25069 |
| | | | RH | | 25069 |
| | | Downstream | LH | | 25181 |
| | | | RH | | 25160 |
| | Veloster | | | | |
| | 2016 | L4-1.6 | Upstream | Turbo | 24325 |
| Non-Turbo | | | | 24326 | |
| Downstream | | | | 25739 | |
| 2015-14 | L4-1.6 | Upstream | Turbo | 24348 | |
| | | | Non-Turbo | 24326 | |
| | | Downstream | Turbo | 25747 | |
| | | | Non-Turbo | 25739 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|--------|---------------|--------------------------|-----------|-------|
| HYUNDAI (Cont'd) | | | | | |
| Veloster (Cont'd) | | | | | |
| 2013 | L4-1.6 | Upstream | Turbo | 24348 | |
| | | | Non-Turbo | 24326 | |
| | | Downstream | Turbo; w/OE #39210-2B260 | 25746 | |
| | | | Turbo; w/OE #39210-2B270 | 25747 | |
| | | | Non-Turbo | 25739 | |
| | | | | 24326 | |
| 2012 | L4-1.6 | Upstream | | 24326 | |
| | | Downstream | | 25739 | |
| Veracruz | | | | | |
| 2012-07 | V6-3.8 | Upstream | LH | 25671 | |
| | | | RH | 25678 | |
| | | Downstream | LH | 25671 | |
| | | | RH | 25672 | |
| XG300, XG350 | | | | | |
| 2005-04 | V6-3.5 | Upstream | LH | 25158 | |
| | | | RH | 25158 | |
| | | Downstream | LH | 25162 | |
| | | | RH | 25151 | |
| 2003 | V6-3.5 | Upstream | LH | 25158 | |
| | | | RH | 25158 | |
| | | Downstream | LH | To 2/03 | 25154 |
| | | | RH | From 2/03 | 25162 |
| | | | | | 25151 |
| | | | | | 25158 |
| 2002 | V6-3.5 | Upstream | LH | 25158 | |
| | | | RH | 25158 | |
| | | Downstream | LH | 25154 | |
| | | | RH | 25151 | |
| 2001 | V6-3.0 | Upstream | LH | 25154 | |
| | | | RH | 25151 | |
| | | Downstream | LH | 25155 | |
| | | | RH | 25155 | |
| INFINITI | | | | | |
| EX Series (EX35, EX37) | | | | | |
| 2013 | V6-3.7 | Upstream | LH | 24783 | |
| | | | RH | 24783 | |
| | | Downstream | LH | 24450 | |
| | | | RH | 24450 | |
| 2012-11 | V6-3.5 | Upstream | LH | 24783 | |
| | | | RH | 24783 | |
| | | Downstream | LH | 24450 | |
| | | | RH | 24450 | |
| 2010-08 | V6-3.5 | Upstream | LH | 25685 | |
| | | | RH | 25685 | |
| | | Downstream | LH | 24450 | |
| | | | RH | 24450 | |
| FX Series (FX35, FX37, FX45, FX50) | | | | | |
| 2013 | V6-3.7 | Upstream | LH | 24783 | |
| | | | RH | 24783 | |
| | | Downstream | LH | 24450 | |
| | | | RH | 24450 | |
| | V8-5.0 | Upstream | LH | 24781 | |
| | | | RH | 24781 | |
| | | Downstream | LH | 24450 | |
| | | | RH | 24450 | |
| 2012-11 | V6-3.5 | Upstream | LH | 24783 | |
| | | | RH | 24783 | |
| | | Downstream | LH | 24450 | |
| | | | RH | 24450 | |
| | V8-5.0 | Upstream | LH | 24853 | |
| | | | RH | 24853 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--|------------|---------------|---------------|----------------------------|-------|-------|
| INFINITI (Cont'd) | | | | | | |
| FX Series (FX35, FX37, FX45, FX50) (Cont'd) | | | | | | |
| 2012-11 | V8-5.0 | Downstream | LH | 24450 | | |
| | | | RH | 24450 | | |
| 2010-09 | V6-3.5 | Upstream | LH | 25685 | | |
| | | | RH | 25685 | | |
| | | Downstream | LH | 24450 | | |
| | | | RH | 24450 | | |
| | V8-5.0 | Upstream | LH | 24853 | | |
| | | | RH | 24853 | | |
| | | Downstream | LH | 24450 | | |
| | | | RH | 24450 | | |
| 2008-07 | V6-3.5 | Upstream | LH | 24320 | | |
| | | | RH | 24320 | | |
| | | Downstream | LH | 24450 | | |
| | | | RH | 24450 | | |
| | | V8-4.5 | Upstream | LH | 24320 | |
| | | | | RH | 24320 | |
| | Downstream | | LH | 24404 | | |
| | | | RH | 24408 | | |
| | 2006 | | V6-3.5 | Upstream | LH | 24320 |
| | | | | | RH | 24320 |
| | | Downstream | | LH | 24404 | |
| | | | | RH | 24408 | |
| V8-4.5 | | Upstream | LH | 24320 | | |
| | | | RH | 24320 | | |
| Downstream | LH | 24404 | | | | |
| | RH | 24408 | | | | |
| 2005 | V6-3.5 | Upstream | LH | 24320 | | |
| | | | RH | 24320 | | |
| | | Downstream | LH | 24404 | | |
| | | | RH | 24408 | | |
| | V8-4.5 | Upstream | LH | 24401 | | |
| | | | RH | 24298 | | |
| | | Downstream | LH | 24404 | | |
| | | | RH | 24408 | | |
| 2004 | V6-3.5 | Upstream | LH | 2004 Model Year 24401 | | |
| | | | RH | 2004.5 Model Year 24320 | | |
| | | | LH | 2004 Model Year 24401 | | |
| | | | RH | 2004.5 Model Year 24320 | | |
| | | Downstream | LH | 24404 | | |
| | | | RH | 24408 | | |
| | V8-4.5 | Upstream | LH | 24401 | | |
| | | | RH | 24298 | | |
| | | Downstream | LH | 24404 | | |
| | | | RH | 24408 | | |
| | | 2003 | V6-3.5 | Upstream | LH | 24401 |
| | | | | | RH | 24401 |
| Downstream | LH | | | 24404 | | |
| | RH | | | 24408 | | |
| V8-4.5 | Upstream | | LH | 24401 | | |
| | | | RH | 24298 | | |
| Downstream | LH | 24404 | | | | |
| | RH | 24408 | | | | |
| G Series (G20, G25, G35, G37) | | | | | | |
| 2013 | V6-3.7 | Upstream | LH | 24783 | | |
| | | | RH | 24783 | | |
| | | Downstream | LH | 24450 | | |
| | | | RH | 24450 | | |
| 2012-11 | V6-2.5 | Upstream | LH | 24791 | | |
| | | | RH | 24791 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|---------------|---|-------|
| INFINITI (Cont'd) | | | | | |
| G Series (G20, G25, G35, G37) (Cont'd) | | | | | |
| 2012-11 | V6-2.5 | Downstream | LH | 24450 | |
| | | | RH | 24450 | |
| | | V6-3.7 | Upstream | LH | 24783 |
| | | | | RH | 24783 |
| | Downstream | LH | 24450 | | |
| | | RH | 24450 | | |
| | 2010-09 | V6-3.7 | Upstream | LH | 25685 |
| | | | | RH | 25685 |
| Downstream | | | LH | 24450 | |
| | | | RH | 24450 | |
| 2008 | V6-3.5 | Upstream | LH | 25685 | |
| | | | RH | 25685 | |
| | | Downstream | LH | 24450 | |
| | | | RH | 24450 | |
| | V6-3.7 | Upstream | LH | 25690 | |
| | | | RH | 25690 | |
| | | Downstream | LH | 24450 | |
| | | | RH | 24450 | |
| 2007 | V6-3.5 | Upstream | LH | Coupe; VQ35DE Eng Sedan; VQ35HR Eng 24320 | |
| | | | RH | Coupe; VQ35DE Eng Sedan; VQ35HR Eng 25679 | |
| | | Downstream | LH | 24320 | |
| | | | RH | 24320 | |
| | V6-3.7 | Upstream | LH | 24450 | |
| | | | RH | 24450 | |
| | | Downstream | LH | 24450 | |
| | | | RH | 24450 | |
| 2006-05 | V6-3.5 | Upstream | LH | 24320 | |
| | | | RH | 24320 | |
| | | Downstream | LH | 24404 | |
| | | | RH | 24404 | |
| 2004 | V6-3.5 | Upstream | LH | AWD 24320 | |
| | | | RH | RWD 24401 | |
| | | Downstream | LH | AWD 24320 | |
| | | | RH | RWD 24401 | |
| | V6-3.7 | Upstream | LH | 24404 | |
| | | | RH | 24408 | |
| 2003 | V6-3.5 | Upstream | LH | 24401 | |
| | | | RH | 24401 | |
| | | Downstream | LH | 24404 | |
| | | | RH | 24408 | |
| | L4-2.0 | Upstream | LH | 24618 | |
| | | | RH | 24641 | |
| 2001-00 | L4-2.0 | Upstream | LH | 24527 | |
| | | | RH | 24638 | |
| 1999 | L4-2.0 | Upstream | LH | 24521 | |
| | | | RH | 24630 | |
| 1996-94 | L4-2.0 | Upstream | LH | 24521 | |
| | | | RH | 24075 | |
| 1993-91 | L4-2.0 | Upstream | LH | 24521 | |
| | | | RH | 24521 | |
| I Series (I30, I35) | | | | | |
| 2004-02 | V6-3.5 | Upstream | LH | 24618 | |
| | | | RH | 24618 | |
| | | Downstream | LH | 24573 | |
| | | | RH | 24634 | |
| 2001-00 | V6-3.0 | Upstream | F | 24527 | |
| | | | R | 24619 | |
| | | | F | 24572 | |
| | | Downstream | R | 24574 | |
| | | | LH | Calif. 24521 | |
| | | | RH | Federal 24525 | |
| 1999 | V6-3.0 | Upstream | LH | 24521 | |
| | | | RH | 24525 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|--------|---------------|---------------|--------|
| INFINITI (Cont'd) | | | | |
| I Series (I30, I35) (Cont'd) | | | | |
| 1999 | V6-3.0 | Downstream | Federal | 24630 |
| | | | LH Calif. | 24572 |
| | | | RH Calif. | 24574 |
| 1998-97 | V6-3.0 | Upstream | LH | 24525 |
| | | | RH | 24525 |
| | | Downstream | | 24630 |
| 1996 | V6-3.0 | Upstream | LH | 24525 |
| | | | RH | 24525 |
| | | Downstream | To 7/96 | 24024 |
| | | | From 7/96 | 24630 |
| J Series (J30) | | | | |
| 1997-96 | V6-3.0 | Upstream | LH | 24039 |
| | | | RH | 24525 |
| | | Downstream | LH | 24682 |
| | | | RH | 24683 |
| 1995-93 | V6-3.0 | Upstream | LH | 24039 |
| | | | RH | 24154 |
| JX Series (JX35) | | | | |
| 2013 | V6-3.5 | Upstream | F | 24783 |
| | | | R | 24783 |
| | | Downstream | F AWD | 24465 |
| | | | FWD | 24466 |
| | | | R | 24465 |
| M Series (M30, M35, M35h, M37, M45, M56) | | | | |
| 2013-12 | V6-3.5 | Upstream | LH | 24783 |
| | | | RH | 24783 |
| | | Downstream | LH | 24168 |
| | | | RH | 24168 |
| | V6-3.7 | Upstream | LH | 24783 |
| | | | RH | 24783 |
| | | Downstream | LH | 24450 |
| | | | RH | 24450 |
| | V8-5.6 | Upstream | LH | 24376 |
| | | | RH | 24376 |
| | | Downstream | LH | 24450 |
| | | | RH | 24450 |
| 2011 | V6-3.7 | Upstream | LH | 25685 |
| | | | RH | 25685 |
| | | Downstream | LH | 24450 |
| | | | RH | 24450 |
| | V8-5.6 | Upstream | LH | 24376 |
| | | | RH | 24376 |
| | | Downstream | LH | 24450 |
| | | | RH | 24450 |
| 2010-09 | V6-3.5 | Upstream | LH | 25685 |
| | | | RH | 25685 |
| | | Downstream | LH | 24450 |
| | RH | | 24450 | |
| | V8-4.5 | Upstream | LH | 24320 |
| | | | RH | 24320 |
| Downstream | | LH | 24404 | |
| | RH | 24408 | | |
| 2008-07 | V6-3.5 | Upstream | LH | 24320 |
| | | | RH | 24320 |
| | | Downstream | LH | 24450 |
| | RH | | 24450 | |
| | V8-4.5 | Upstream | LH | 24320 |
| | | | RH | 24320 |
| Downstream | | LH | 24404 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|---------------|---------------|--------|-------|
| INFINITI (Cont'd) | | | | | |
| M Series (M30, M35, M35h, M37, M45, M56) (Cont'd) | | | | | |
| 2008-07 | V8-4.5 | Downstream | RH | 24408 | |
| 2006 | V6-3.5 | Upstream | LH | 24320 | |
| | | | RH | 24320 | |
| | | Downstream | LH | 24404 | |
| | | | RH | 24408 | |
| | V8-4.5 | Upstream | LH | 24320 | |
| | | | RH | 24320 | |
| | | Downstream | LH | 24404 | |
| | | | RH | 24408 | |
| 2004-03 | V8-4.5 | Upstream | LH | 24401 | |
| | | | RH | 24298 | |
| | | Downstream | LH | 24404 | |
| | | | RH | 24408 | |
| 1992-90 | V6-3.0 | Upstream | | 24065 | |
| Q30, QX30 | | | | | |
| 2018-17 | L4-2.0 | Upstream | | 24330 | |
| | | Downstream | | 25757 | |
| Q40, Q50, Q60 (Formerly G Series) | | | | | |
| 2018-16 | L4-2.0 | Upstream | | 24330 | |
| | | Downstream | | 25758 | |
| | V6-3.0 | Upstream | LH | 24789 | |
| | | | RH | 24789 | |
| | | Downstream | LH | 24160 | |
| | | | RH | 24160 | |
| | V6-3.5 | Upstream | LH | 24786 | |
| | | | RH | 24786 | |
| | | Downstream | LH | 24168 | |
| | | | RH | 24168 | |
| | 2015-14 | V6-3.5 | Upstream | LH | 24786 |
| | | | | RH | 24786 |
| Downstream | | | LH | 24168 | |
| | | RH | 24168 | | |
| V6-3.7 | | Upstream | LH | 24786 | |
| | | | RH | 24786 | |
| | Downstream | LH | 24167 | | |
| Q70 (Formerly M Series) | | | | | |
| 2018-15 | V6-3.5 | Upstream | LH | 24786 | |
| | | | RH | 24786 | |
| | | Downstream | LH | 24168 | |
| | | | RH | 24168 | |
| | | V6-3.7 | Upstream | LH | 24786 |
| | | | | RH | 24786 |
| | Downstream | | LH | 24167 | |
| | V8-5.6 | Upstream | LH | 24786 | |
| | | | RH | 24786 | |
| | | Downstream | LH | 24450 | |
| | 2014 | V6-3.5 | Upstream | LH | 24786 |
| | | | | RH | 24786 |
| Downstream | | | LH | 24168 | |
| | | RH | 24168 | | |
| V6-3.7 | | Upstream | LH | 24786 | |
| | | | RH | 24786 | |
| | Downstream | LH | 24167 | | |
| V8-5.6 | Upstream | LH | 24376 | | |
| | | RH | 24376 | | |
| | Downstream | LH | 24376 | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---|--------|---------------|-----------------------------------|----------|----|-------|
| INFINITI (Cont'd) | | | | | | |
| Q70 (Formerly M Series) (Cont'd) | | | | | | |
| 2014 | V8-5.6 | Downstream | LH | 24450 | | |
| | | | RH | 24450 | | |
| Q Series (Q45) | | | | | | |
| 2006 | V8-4.5 | Upstream | LH To 12/05 | 24401 | | |
| | | | LH From 12/05 | 24320 | | |
| | | | RH To 12/05 | 24298 | | |
| | | Downstream | RH From 12/05 | 24320 | | |
| | | | LH | 24404 | | |
| | | | RH | 24408 | | |
| 2005-02 | V8-4.5 | Upstream | LH | 24401 | | |
| | | | RH | 24298 | | |
| | | Downstream | LH | 24404 | | |
| | | | RH | 24408 | | |
| 2001-99 | V8-4.1 | Upstream | LH | 24039 | | |
| | | | RH | 24039 | | |
| | | Downstream | LH | 24545 | | |
| | | | RH | 24545 | | |
| 1998 | V8-4.1 | Upstream | LH To 1/98 | 24154 | | |
| | | | LH From 1/98 | 24039 | | |
| | | | RH To 1/98 | 24521 | | |
| | | Downstream | RH From 1/98 | 24039 | | |
| | | | LH | 24545 | | |
| | | | RH | 24154 | | |
| 1997 | V8-4.1 | Upstream | LH | 24154 | | |
| | | | RH | 24521 | | |
| | | Downstream | LH | 24545 | | |
| 1996 | V8-4.5 | Upstream | LH | 24521 | | |
| | | | RH | 24154 | | |
| | | Downstream | LH | 24681 | | |
| | | | RH | 24550 | | |
| 1995-94 | V8-4.5 | Upstream | LH | 24521 | | |
| | | | RH | 24154 | | |
| 1993 | V8-4.5 | Upstream | LH | 24521 | | |
| | | | RH To 2/93 | 24039 | | |
| | | | RH From 2/93 | 24154 | | |
| 1992-91 | V8-4.5 | Upstream | LH | 24521 | | |
| | | | RH | 24039 | | |
| | | | RH | 24521 | | |
| 1990 | V8-4.5 | Upstream | LH | 24521 | | |
| | | | RH | 24521 | | |
| | | | RH | 24521 | | |
| QX4, QX56 | | | | | | |
| 2013-11 | V8-5.6 | Upstream | LH | 24376 | | |
| | | | RH | 24376 | | |
| | | Downstream | LH | 24449 | | |
| | | | RH | 24449 | | |
| | | 2010-07 | V8-5.6 | Upstream | LH | 25679 |
| | | | | | RH | 25679 |
| Downstream | LH | | | 24644 | | |
| 2006-04 | V8-5.6 | Upstream | LH | 24320 | | |
| | | | RH | 24320 | | |
| | | Downstream | LH | 24644 | | |
| 2003-02 | V6-3.5 | Upstream | LH | 24528 | | |
| | | | RH | 24618 | | |
| | | Downstream | LH | 24643 | | |
| 2001 | V6-3.5 | Upstream | LH 2001 Model Year; To 8/1/00 | 24620 | | |
| | | | LH 2001.5 Model Year; From 8/2/00 | 24528 | | |
| | | | RH 2001 Model Year; To 8/1/00 | 24619 | | |
| | | Downstream | RH 2001.5 Model Year; From 8/2/00 | 24618 | | |
| | | | LH | 24643 | | |
| | | | RH | 24573 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--|--------|---------------|-----------------------------------|----------|----|-------|
| INFINITI (Cont'd) | | | | | | |
| QX4, QX56 (Cont'd) | | | | | | |
| 2001 | V6-3.5 | Downstream | LH 2001 Model Year; To 8/1/00 | 24639 | | |
| | | | LH 2001.5 Model Year; From 8/2/00 | 24643 | | |
| | | RH | RH 2001 Model Year; To 8/1/00 | 24574 | | |
| | | | RH 2001.5 Model Year; From 8/2/00 | 24573 | | |
| 2000-97 | V6-3.3 | Upstream | LH | 24526 | | |
| | | | RH | 24521 | | |
| | | Downstream | LH | 24543 | | |
| | | | RH | 24544 | | |
| QX50 (Formerly EX Series) | | | | | | |
| 2017-15 | V6-3.7 | Upstream | LH | 24786 | | |
| | | | RH | 24786 | | |
| | | Downstream | LH | 24167 | | |
| | | | RH | 24167 | | |
| 2014 | V6-3.7 | Upstream | LH | 24783 | | |
| | | | RH | 24783 | | |
| | | Downstream | LH | 24450 | | |
| | | | RH | 24450 | | |
| QX60 (Formerly JX Series) | | | | | | |
| 2018 | V6-3.5 | Upstream | F | 24786 | | |
| | | | R | 24786 | | |
| | | Downstream | F | 24798 | | |
| | | | R | 24798 | | |
| 2017-16 | L4-2.5 | Downstream | F | 24056 | | |
| | | | R | 24786 | | |
| | V6-3.5 | Upstream | F | 24786 | | |
| | | | R | 24786 | | |
| | | Downstream | F | 24798 | | |
| | | | R | 24798 | | |
| 2015 | L4-2.5 | Upstream | F | 24783 | | |
| | | | R | 24056 | | |
| | V6-3.5 | Upstream | F | 24786 | | |
| | | | R | 24786 | | |
| 2014 | L4-2.5 | Upstream | F | 24783 | | |
| | | | R | 24783 | | |
| | V6-3.5 | Upstream | F | 24466 | | |
| | | | R | 24465 | | |
| QX70 (Formerly FX Series) | | | | | | |
| 2017-15 | V6-3.7 | Upstream | LH | 24786 | | |
| | | | RH | 24786 | | |
| | | Downstream | LH | 24167 | | |
| | | | RH | 24167 | | |
| | | 2014 | V6-3.7 | Upstream | LH | 24783 |
| | | | | | RH | 24783 |
| Downstream | LH | | | 24450 | | |
| | RH | | | 24450 | | |
| 2014 | V8-5.0 | Upstream | LH | 24781 | | |
| | | | RH | 24781 | | |
| | | Downstream | LH | 24450 | | |
| | V6-3.5 | Upstream | LH | 24450 | | |
| | | | RH | 24450 | | |
| | | Downstream | LH | 24450 | | |
| QX80 (Formerly QX Series, QX56) | | | | | | |
| 2018-16 | V8-5.6 | Upstream | LH | 24786 | | |
| | | | RH | 24786 | | |
| | | Downstream | LH | 24155 | | |
| | | | RH | 24155 | | |
| 2015 | V8-5.6 | Upstream | LH | 24786 | | |
| | | | RH | 24786 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|------------|-----------------------------|-----------------------------|--------|
| INFINITI (Cont'd) | | | | |
| QX80 (Formerly QX Series, QX56) (Cont'd) | | | | |
| 2015 | V8-5.6 | Downstream | LH | 24449 |
| | | | RH | 24449 |
| 2014 | V8-5.6 | Upstream | LH | 24376 |
| | | | RH | 24376 |
| | | Downstream | LH | 24449 |
| | | | RH | 24449 |
| ISUZU | | | | |
| Amigo | | | | |
| 2000-98 | L4-2.2 | Upstream | | 21006 |
| | | Downstream | | 21006 |
| | V6-3.2 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | Downstream | LH | 21006 | |
| | | RH | 21006 | |
| 1994 | L4-2.6 | Upstream | | 21541 |
| 1993 | L4-2.3 | Upstream | | 21002 |
| | | Upstream | | 21541 |
| 1992-89 | All Engs | Upstream | | 21002 |
| Ascender | | | | |
| 2008-07 | L6-4.2 | Upstream | | 21561 |
| | | Downstream | | 21058 |
| 2006 | L6-4.2 | Upstream | | 21561 |
| | | Downstream | | 21023 |
| | V8-5.3 | Upstream | LH | 21558 |
| | | | RH | 21558 |
| | Downstream | LH | 1st Design; Square Plug | 21545 |
| | | | 2nd Design; Triangular Plug | 21576 |
| | RH | 1st Design; Square Plug | 21545 | |
| | | 2nd Design; Triangular Plug | 21576 | |
| 2005 | L6-4.2 | Upstream | | 21054 |
| | | Downstream | | 21044 |
| | V8-5.3 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| Downstream | LH | 21048 | | |
| | RH | 21048 | | |
| 2004 | L6-4.2 | Upstream | | 21054 |
| | | Downstream | | 21044 |
| | V8-5.3 | Upstream | LH | 21047 |
| | | | RH | 21047 |
| Downstream | LH | 21048 | | |
| | RH | 21048 | | |
| 2003 | L6-4.2 | Upstream | | 21049 |
| | | Downstream | | 21044 |
| | V8-5.3 | Upstream | LH | 21047 |
| | | | RH | 21047 |
| | Downstream | LH | 21048 | |
| | | RH | 21048 | |
| Axiom | | | | |
| 2004 | V6-3.5 | Upstream | LH | 21516 |
| | | | RH | 21516 |
| | | Downstream | LH | 21516 |
| | | | RH | 21516 |
| 2003-02 | V6-3.5 | Upstream | LH | 24653 |
| | | | RH | 24653 |
| | | Downstream | LH | 24653 |
| | | | RH | 24653 |
| Hombre | | | | |
| 2000-99 | L4-2.2 | Upstream | | 21039 |
| | | Downstream | | 21528 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---------------------------|----------|---------------|-----------------|---------|
| ISUZU (Cont'd) | | | | |
| Hombre (Cont'd) | | | | |
| 2000-99 | V6-4.3 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | | Downstream | LH | 21006 |
| | | | RH | 21006 |
| 1998-97 | L4-2.2 | Upstream | | 21002 |
| | | Downstream | | 21528 |
| | V6-4.3 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| Downstream | LH | 21006 | | |
| | RH | 21006 | | |
| 1996 | L4-2.2 | Upstream | | 21002 |
| | | Downstream | | 21006 |
| i-Mark | | | | |
| 1989-85 | All Engs | Upstream | | 21002 |
| 1984-81 | L4-1.8 | Upstream | Gas | 21002 |
| Impulse | | | | |
| 1992 | L4-1.6 | Upstream | | 21541 |
| | L4-1.8 | Upstream | | 24601 |
| 1991-90 | L4-1.6 | Upstream | | 21541 |
| 1989-83 | All Engs | Upstream | | 21002 |
| i-Series | | | | |
| 2008-07 | L4-2.9 | Upstream | | 21561 |
| | | Downstream | | 21058 |
| | L5-3.7 | Upstream | | 21561 |
| | | Downstream | | 21058 |
| 2006 | L4-2.8 | Upstream | | 21561 |
| | | Downstream | | 21023 |
| | L5-3.5 | Upstream | | 21561 |
| | | Downstream | | 21023 |
| Oasis | | | | |
| 1999-98 | L4-2.3 | Upstream | | 24169 |
| | | Downstream | | 24061 |
| 1997-96 | L4-2.2 | Upstream | | 24169 |
| | | Downstream | | 24061 |
| Pickup | | | | |
| 1995 | L4-2.3 | Upstream | | 21541 |
| | L4-2.6 | Upstream | | 21541 |
| 1994 | L4-2.3 | Upstream | | 21002 |
| | L4-2.6 | Upstream | | 21541 |
| | V6-3.1 | Upstream | | 21002 |
| 1993 | L4-2.3 | Upstream | | 21002 |
| | | L4-2.6 | Upstream | To 9/92 |
| | | | From 10/92; RWD | 21002 |
| | | | From 10/92; 4WD | 21541 |
| | V6-3.1 | Upstream | | 21002 |
| 1992-81 | All Engs | Upstream | | 21002 |
| Rodeo, Rodeo Sport | | | | |
| 2004 | V6-3.2 | Upstream | LH | 21516 |
| | | | RH | 21516 |
| | | Downstream | LH | 21516 |
| | | | RH | 21516 |
| | V6-3.5 | Upstream | LH | 21516 |
| | | | RH | 21516 |
| Downstream | LH | 21516 | | |
| | RH | 21516 | | |
| 2003-02 | L4-2.2 | Upstream | | 24626 |
| | | Downstream | | 21006 |
| V6-3.2 | Upstream | LH | 21516 | |
| | | RH | 21516 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------------------|----------|---------------|------------------------|--------|
| ISUZU (Cont'd) | | | | |
| Rodeo, Rodeo Sport (Cont'd) | | | | |
| 2003-02 | V6-3.2 | Downstream | LH | 21516 |
| | | | RH | 21516 |
| 2001 | L4-2.2 | Upstream | To 7/00 | 21006 |
| | | | From 7/00 | 24626 |
| | | Downstream | | 21006 |
| | V6-3.2 | Upstream | LH | 24653 |
| | | | RH | 24653 |
| | | Downstream | LH | 24653 |
| | | RH | 24653 | |
| 2000-98 | L4-2.2 | Upstream | | 21006 |
| | | Downstream | | 21006 |
| | V6-3.2 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | | Downstream | LH | 21006 |
| | | | RH | 21006 |
| 1997-96 | L4-2.6 | Upstream | | 21006 |
| | | Downstream | | 21006 |
| | V6-3.2 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | | Downstream | LH | 21006 |
| | | | RH | 21006 |
| 1995-94 | L4-2.6 | Upstream | | 21541 |
| | V6-3.2 | Upstream | | 24601 |
| 1993 | L4-2.6 | Upstream | To 10/92 | 21002 |
| | | | From 11/92 | 21541 |
| | V6-3.2 | Upstream | | 24601 |
| 1992-91 | L4-2.6 | Upstream | | 21002 |
| | V6-3.1 | Upstream | | 21002 |
| Stylus | | | | |
| 1993 | L4-1.6 | Upstream | | 21002 |
| 1992 | L4-1.6 | Upstream | | 21002 |
| | L4-1.8 | Upstream | | 24601 |
| 1991 | L4-1.6 | Upstream | DOHC | 21541 |
| | | | SOHC | 21002 |
| Trooper | | | | |
| 2002-00 | V6-3.5 | Upstream | LH | 24653 |
| | | | RH | 24653 |
| | | Downstream | LH | 24653 |
| | | | RH | 24653 |
| | | | | |
| 1999-98 | V6-3.5 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | | Downstream | LH | 21006 |
| | | | RH | 21006 |
| 1997-96 | V6-3.2 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | | Downstream | LH | 21006 |
| | | | RH | 21006 |
| 1995-92 | V6-3.2 | Upstream | | 24601 |
| 1991-84 | All Engs | Upstream | | 21002 |
| Vehicross | | | | |
| 2001-99 | V6-3.5 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | | Downstream | LH | 21006 |
| | | | RH | 21006 |
| | | | | |
| JAGUAR | | | | |
| F-Type | | | | |
| 2016 | V6-3.0 | Upstream | Loc. in LH Mnflid; AWD | 27046 |
| | | | Loc. in LH Mnflid; RWD | 27048 |
| | | | Loc. in RH Mnflid; AWD | 27046 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|------------------------|---------------|---|---|-------|
| JAGUAR (Cont'd) | | | | | |
| F-Type (Cont'd) | | | | | |
| 2016 | V6-3.0 | Upstream | Loc. in RH Mnflid; RWD | 27048 | |
| | | | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2; AWD | 25749 |
| | | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2; RWD | 25753 | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2; AWD | 25752 | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2; RWD | 25753 | |
| | | | Loc. After LH Cat; Rear O2; AWD | 25750 | |
| | | | Loc. After LH Cat; Rear O2; RWD | 25752 | |
| | | | Loc. After RH Cat; Rear O2; AWD | 25751 | |
| | | | Loc. After RH Cat; Rear O2; RWD | 25752 | |
| | | | Loc. After RH Cat; Rear O2; RWD | 25752 | |
| | | V8-5.0 | Upstream | Loc. in LH Mnflid; AWD | 27046 |
| | | | | Loc. in LH Mnflid; RWD | 27048 |
| | Loc. in RH Mnflid; AWD | | | 27046 | |
| | Loc. in RH Mnflid; RWD | | | 27048 | |
| | Downstream | | Loc. in LH Downpipe Mid-Cat; Cntr O2; AWD | 25749 | |
| | | | Loc. in LH Downpipe Mid-Cat; Cntr O2; RWD | 25753 | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2; AWD | 25752 | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2; RWD | 25753 | |
| | 2015-14 | V6-3.0 | Upstream | Loc. in LH Mnflid | 27048 |
| | | | | Loc. in RH Mnflid | 27048 |
| Downstream | | | Loc. in LH Downpipe Mid-Cat; Cntr O2 | 25753 | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2 | 25753 | |
| V8-5.0 | | Upstream | Loc. in LH Mnflid | 27048 | |
| | | | Loc. in RH Mnflid | 27048 | |
| | | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2 | 25753 | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2 | 25753 | |
| 2008-06 | V6-3.0 | Upstream | LH | 25698 | |
| | | | RH | 25698 | |
| | | Downstream | LH | 25720 | |
| | | | RH | 25720 | |
| | | V8-4.2 | Upstream | LH | 25698 |
| | | | | RH | 25698 |
| | Downstream | | LH | 25720 | |
| | | | RH | 25720 | |
| | | | LH | 25720 | |
| | | | RH | 25720 | |
| | 2005-03 | All Engs | Upstream | LH | 25631 |
| | | | | RH | 25631 |
| Downstream | | | LH | 25607 | |
| | | | RH | 25607 | |
| S-Type | | | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|------------------------|---------------------------------|--------------------------------------|---|------------------------|-------|-------|
| JAGUAR (Cont'd) | | | | | | |
| S-Type (Cont'd) | | | | | | |
| 2002-00 | All Engs | Upstream | LH | 22060 | | |
| | | | RH | 22060 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| XF Series | | | | | | |
| 2016 | V6-3.0 | Upstream | Loc. in LH Mnflid; AWD | 27046 | | |
| | | | Loc. in LH Mnflid; RWD | 27048 | | |
| | | | Loc. in RH Mnflid; AWD | 27046 | | |
| | | | Loc. in RH Mnflid; RWD | 27048 | | |
| | | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2; AWD | 25752 | | |
| | | | Loc. in LH Downpipe Mid-Cat; Cntr O2; RWD | 25753 | | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2; AWD | 25752 | | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2; RWD | 25753 | | |
| | Loc. After LH Cat; Rear O2; AWD | | 25749 | | | |
| | Loc. After LH Cat; Rear O2; RWD | | 25752 | | | |
| | Loc. After RH Cat; Rear O2; AWD | | 25749 | | | |
| | Loc. After RH Cat; Rear O2; RWD | | 25752 | | | |
| | 2015-13 | L4-2.0 | Upstream | | 24348 | |
| | | | Downstream | | 25742 | |
| | | V6-3.0 | Upstream | Loc. in LH Mnflid; AWD | 27046 | |
| | | | | Loc. in LH Mnflid; RWD | 27048 | |
| Loc. in RH Mnflid; AWD | | | | 27046 | | |
| Loc. in RH Mnflid; RWD | | | | 27048 | | |
| Downstream | | | Loc. in LH Downpipe Mid-Cat; Cntr O2; AWD | 25752 | | |
| | | | Loc. in LH Downpipe Mid-Cat; Cntr O2; RWD | 25753 | | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2; AWD | 25752 | | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2; RWD | 25753 | | |
| V8-5.0 | | Upstream | Loc. in LH Mnflid | 27048 | | |
| | | | Loc. in RH Mnflid | 27048 | | |
| | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2 | 25753 | | | |
| | | Loc. in RH Downpipe Mid-Cat; Cntr O2 | 25753 | | | |
| | | Loc. After LH Cat; Rear O2 | 25752 | | | |
| | | Loc. After RH Cat; Rear O2 | 25752 | | | |
| | | 2012 | V8-5.0 | Upstream | LH | 25706 |
| | | RH | | | 25706 | |
| Downstream | LH | 25619 | | | | |
| | RH | 25619 | | | | |
| 2011 | V8-5.0 | Upstream | LH | 25698 | | |
| | | | RH | 25698 | | |
| | | Downstream | LH | 25720 | | |
| | | | RH | 25720 | | |
| 2010 | V8-4.2 | Upstream | LH | 25698 | | |
| | | | RH | 25698 | | |
| | | Downstream | LH | 25720 | | |
| | | | RH | 25720 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|---------------------------------|---------------|---|--------------------------------------|-------|
| JAGUAR (Cont'd) | | | | | |
| XF Series (Cont'd) | | | | | |
| 2010 | V8-4.2 | Downstream | RH | 25720 | |
| | | | V8-5.0 | Upstream | LH |
| | Downstream | LH | 25720 | | |
| | | RH | 25720 | | |
| 2009 | V8-4.2 | Upstream | LH | 25698 | |
| | | | RH | 25698 | |
| | Downstream | LH | 25720 | | |
| | | RH | 25720 | | |
| XJ Series (Incl. Super V8, Vanden Plas) | | | | | |
| 2016-13 | V6-3.0 | Upstream | Loc. in LH Mnflid; AWD | 27046 | |
| | | | Loc. in LH Mnflid; RWD | 27048 | |
| | | | Loc. in RH Mnflid; AWD | 27046 | |
| | | | Loc. in RH Mnflid; RWD | 27048 | |
| | | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2; AWD | 25752 | |
| | | | Loc. in LH Downpipe Mid-Cat; Cntr O2; RWD | 25753 | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2; AWD | 25752 | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2; RWD | 25753 | |
| | Loc. After LH Cat; Rear O2; AWD | | 25749 | | |
| | Loc. After LH Cat; Rear O2; RWD | | 25752 | | |
| | Loc. After RH Cat; Rear O2; AWD | | 25749 | | |
| | Loc. After RH Cat; Rear O2; RWD | | 25752 | | |
| | V8-5.0 | Upstream | Loc. in LH Mnflid | 27048 | |
| | | | Loc. in RH Mnflid | 27048 | |
| | | | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2 | 25753 |
| | | | | Loc. in RH Downpipe Mid-Cat; Cntr O2 | 25753 |
| Loc. After LH Cat; Rear O2 | | 25752 | | | |
| Loc. After RH Cat; Rear O2 | | 25752 | | | |
| 2012-10 | | V8-5.0 | Upstream | LH | 25706 |
| | | | | RH | 25706 |
| | Downstream | | LH | 25619 | |
| | | | RH | 25619 | |
| 2009-06 | V8-4.2 | Upstream | LH | 25698 | |
| | | | RH | 25698 | |
| | | Downstream | LH | 25720 | |
| | | | RH | 25720 | |
| 2005-04 | V8-4.2 | Upstream | LH | 25631 | |
| | | | RH | 25631 | |
| | | Downstream | LH | 25607 | |
| | | | RH | 25607 | |
| 2003-99 | V8-4.0 | Upstream | LH | 25702 | |
| | | | RH | 25702 | |
| | | Downstream | LH | 25607 | |
| | RH | | 25607 | | |
| | 1998 | | V8-4.0 | Upstream | LH |
| | | RH | | | 25620 |
| Downstream | | LH | | 25573 | |
| 1997 | L6-4.0 | Upstream | Cyls. 1-3 | 25018 | |
| | | | Cyls. 4-6 | 25018 | |
| | | Downstream | Cyls. 1-3 | 25018 | |
| | | | Cyls. 4-6 | 25018 | |
| 1996 | L6-4.0 | Upstream | Cyls. 1-3 | 25018 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|---------|---------------|-----------------------|--------|-------|
| JAGUAR (Cont'd) | | | | | |
| XJ Series (Incl. Super V8, Vanden Plas) (Cont'd) | | | | | |
| 1996 | L6-4.0 | Upstream | Cyls. 4-6 | 25018 | |
| | | Downstream | Cyls. 1-3 | 25018 | |
| | | | Cyls. 4-6 | 25018 | |
| | V12-6.0 | Upstream | LH | 24676 | |
| | | | RH | 24676 | |
| | | Downstream | LH | 25651 | |
| | | | RH | 25651 | |
| | 1995 | L6-4.0 | Upstream | | 25018 |
| | | | Downstream | | 25018 |
| | | V12-6.0 | Upstream | LH | 24676 |
| RH | | | | 24676 | |
| Downstream | | | LH | 25651 | |
| | | | RH | 25651 | |
| 1994 | L6-4.0 | Upstream | | 25034 | |
| | V12-6.0 | Upstream | LH | 25034 | |
| RH | | | 25034 | | |
| 1993 | L6-4.0 | Upstream | To Chassis # 190527 | 25040 | |
| | | | From Chassis # 190528 | 25034 | |
| | V12-6.0 | Upstream | | 25034 | |
| 1992 | L6-4.0 | Upstream | | 25034 | |
| | V12-5.3 | Upstream | | 25040 | |
| 1991-90 | L6-4.0 | Upstream | | 25040 | |
| | V12-5.3 | Upstream | | 25040 | |
| 1989-88 | L6-3.6 | Upstream | | 25040 | |
| | V12-5.3 | Upstream | | 25040 | |
| 1987 | L6-3.6 | Upstream | | 25040 | |
| | L6-4.2 | Upstream | 1-Wire | 25572 | |
| | | | 3-Wire | 25040 | |
| | V12-5.3 | Upstream | | 25040 | |
| 1986 | L6-4.2 | Upstream | 1-Wire | 25572 | |
| | | | 3-Wire | 25040 | |
| | V12-5.3 | Upstream | | 25040 | |
| 1985-80 | L6-4.2 | Upstream | O2 w/8" Lgth | 25572 | |
| | | | O2 w/18" Lgth | 23044 | |
| | V12-5.3 | Upstream | | 25040 | |
| 1979 | L6-4.2 | Upstream | O2 w/18" Lgth | 23044 | |
| | | | O2 w/8" Lgth | 25572 | |
| XK Series | | | | | |
| 2015-10 | V8-5.0 | Upstream | LH | 25706 | |
| | | | RH | 25706 | |
| | | Downstream | LH | 25619 | |
| | | | RH | 25619 | |
| 2009-06 | V8-4.2 | Upstream | LH | 25698 | |
| | | | RH | 25698 | |
| | | Downstream | LH | 25720 | |
| | | | RH | 25720 | |
| 2005-03 | V8-4.2 | Upstream | LH | 25631 | |
| | | | RH | 25631 | |
| | | Downstream | LH | 25607 | |
| | | | RH | 25607 | |
| 2002-00 | V8-4.0 | Upstream | LH | 25702 | |
| | | | RH | 25702 | |
| | | Downstream | LH | 25607 | |
| | | | RH | 25607 | |
| 1999-97 | V8-4.0 | Upstream | LH | 25620 | |
| | | | RH | 25620 | |
| | | Downstream | LH | 25573 | |
| | | | RH | 25573 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|----------|---------------|-------------------|--------|
| JAGUAR (Cont'd) | | | | |
| X-Type | | | | |
| 2008-02 | All Engs | Upstream | LH | 25631 |
| | | | RH | 25631 |
| | | Downstream | LH | 25607 |
| | | | RH | 25607 |
| JEEP | | | | |
| Cherokee | | | | |
| 2018-14 | L4-2.4 | Upstream | | 27009 |
| | | Downstream | | 23162 |
| | V6-3.2 | Upstream | LH | 23161 |
| | | | RH | 23162 |
| | | Downstream | LH | 23162 |
| | | | RH | 23162 |
| 2001 | L6-4.0 | Upstream | Cyls. 1-3 | 23151 |
| | | | Cyls. 4-6 | 23506 |
| | | Downstream | Cyls. 1-3 | 23110 |
| | | | Cyls. 4-6 | 23099 |
| 2000 | L4-2.5 | Upstream | | 23506 |
| | | Downstream | | 23099 |
| | L6-4.0 | Upstream | Federal | 23506 |
| | | | Cyls. 1-3; Calif. | 23151 |
| | | Downstream | Cyls. 4-6; Calif. | 23506 |
| | | | Federal | 23099 |
| | | Downstream | Cyls. 1-3; Calif. | 23110 |
| | | | Cyls. 4-6; Calif. | 23099 |
| 1999-97 | L4-2.5 | Upstream | | 23506 |
| | | Downstream | | 23099 |
| | L6-4.0 | Upstream | | 23151 |
| | | | Downstream | |
| 1996 | L4-2.5 | Upstream | | 23506 |
| | | Downstream | | 23014 |
| | L6-4.0 | Upstream | | 23121 |
| Downstream | | | 23014 | |
| 1995-91 | L4-2.5 | Upstream | | 23023 |
| | L6-4.0 | Upstream | | 23023 |
| 1990-87 | L4-2.5 | Upstream | | 23502 |
| | L6-4.0 | Upstream | | 23553 |
| 1986-84 | L4-2.5 | Upstream | | 22534 |
| | V6-2.8 | Upstream | | 21002 |
| 1983-81 | L6-4.2 | Upstream | | 23552 |
| | | V8-5.9 | Upstream | 22534 |
| 1980 | L6-4.2 | Upstream | | 23021 |
| CJ & DJ Series (3, 5, 6, 7) | | | | |
| 1986-84 | L4-2.5 | Upstream | | 22534 |
| | | L6-4.2 | Upstream | 22534 |
| 1983 | L4-2.5 | Upstream | | 22534 |
| | | L6-4.2 | Upstream | 23552 |
| 1982-81 | L4-2.5 | Upstream | | 21553 |
| | | L6-4.2 | Upstream | 23552 |
| 1980 | L4-2.5 | Upstream | | 21553 |
| | | L6-4.2 | Upstream | 23021 |
| Comanche | | | | |
| 1992-91 | L4-2.5 | Upstream | | 23023 |
| | | L6-4.0 | Upstream | 23023 |
| 1990-87 | L4-2.5 | Upstream | | 23502 |
| | | L6-4.0 | Upstream | 23553 |
| 1986 | L4-2.5 | Upstream | | 23502 |
| | | V6-2.8 | Upstream | 21002 |
| Commander | | | | |
| 2010-08 | All Engs | Upstream | LH | 23159 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|---------------------------|------------|--------------------------------------|--------------------------------------|----------|-------|-------|
| JEEP (Cont'd) | | | | | | |
| Commander (Cont'd) | | | | | | |
| 2010-08 | All Engs | Upstream | RH | 23159 | | |
| | | Downstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| 2007 | V6-3.7 | Upstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| | | Downstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| | | | V8-4.7 | Upstream | LH | 23556 |
| | | | | RH | 23556 | |
| | Downstream | LH | 23556 | | | |
| | | RH | 23556 | | | |
| | V8-5.7 | Upstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| | | Downstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| 2006 | | | V6-3.7 | Upstream | LH | 23160 |
| | | | | | RH | 23160 |
| | Downstream | LH | | 23159 | | |
| | | RH | | 23159 | | |
| | | V8-4.7 | | Upstream | LH | 23556 |
| | | | | | RH | 23556 |
| | Downstream | | LH | 23556 | | |
| | | | RH | 23556 | | |
| | V8-5.7 | Upstream | LH | 23160 | | |
| | | | RH | 23160 | | |
| | | Downstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| Compass | | | | | | |
| 2018 | | | L4-2.4 | Upstream | | 27009 |
| | Downstream | | | 23162 | | |
| 2017-11 | All Engs | Upstream | | 23161 | | |
| | | Downstream | | 23161 | | |
| 2010-07 | All Engs | Upstream | | 25186 | | |
| | | Downstream | | 25186 | | |
| Grand Cherokee | | | | | | |
| 2018 | V6-3.0 | Upstream Diesel (1 Upstream O2 Only) | | 27045 | | |
| | | Upstream | LH | 23162 | | |
| | | | RH | 23162 | | |
| | | Downstream | LH | 23161 | | |
| | RH | | 23162 | | | |
| | V8-5.7 | | Upstream | LH | 23162 | |
| | | | | RH | 23162 | |
| | | Downstream | LH | 23162 | | |
| | | | RH | 23162 | | |
| | V8-6.2 | Upstream | LH | 27029 | | |
| | | | RH | 27029 | | |
| | | Downstream | LH | 23162 | | |
| | | | RH | 23161 | | |
| | V8-6.4 | Upstream | LH | 23161 | | |
| | | | RH | 23161 | | |
| | | Downstream | LH | 23162 | | |
| | | | RH | 23161 | | |
| | 2017-16 | V6-3.0 | Upstream Diesel (1 Upstream O2 Only) | | 27045 | |
| | | | Upstream | LH | 23162 | |
| | | | | RH | 23162 | |
| | | | Downstream | LH | 23161 | |
| | | RH | | 23162 | | |
| | | V8-5.7 | | Upstream | LH | 23162 |
| | | | | | RH | 23162 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--------------------------------|------------|--------------------------------------|--------------------------------------|----------|-------|
| JEEP (Cont'd) | | | | | |
| Grand Cherokee (Cont'd) | | | | | |
| 2017-16 | V8-5.7 | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | V8-6.4 | Upstream | LH | 23161 |
| | | | | RH | 23161 |
| | Downstream | | LH | 23162 | |
| | | | RH | 23161 | |
| | 2015-14 | V6-3.0 | Upstream Diesel (1 Upstream O2 Only) | | 27045 |
| | | | V6-3.6 | Upstream | LH |
| | | RH | | | 23162 |
| | | Downstream | | LH | 23161 |
| | | | | RH | 23162 |
| | | V8-5.7 | Upstream | LH | 23162 |
| RH | | | | 23162 | |
| Downstream | | | LH | 23162 | |
| | | | RH | 23162 | |
| V8-6.4 | | Upstream | LH | 23161 | |
| | | | RH | 23161 | |
| | | Downstream | LH | 23162 | |
| | RH | | 23161 | | |
| 2013-12 | V6-3.6 | Upstream | LH | 23161 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| | V8-5.7 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| | V8-6.4 | Upstream | LH | 23161 | |
| | | | RH | 23161 | |
| | | Downstream | LH | 23161 | |
| | | | RH | 23161 | |
| 2011 | V6-3.6 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| | V8-5.7 | Upstream | LH | 23070 | |
| | | | RH | 23070 | |
| | | Downstream | LH | 23070 | |
| | | | RH | 23070 | |
| | 2010 | V6-3.7 | Upstream | LH | 23159 |
| | | | | RH | 23159 |
| | | | Downstream | LH | 23159 |
| | | | | RH | 23159 |
| V8-5.7 | | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| V8-6.1 | | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| 2009-08 | V6-3.0 | Upstream Diesel (1 Upstream O2 Only) | | 24329 | |
| | | V6-3.7 | Upstream | LH | 23159 |
| | | | | RH | 23159 |
| | | Downstream | LH | 23159 | |
| | RH | | 23159 | | |
| | V8-4.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--------------------------------|------------|---------------|---------------|-----------------------------------|-------|-------|
| JEEP (Cont'd) | | | | | | |
| Grand Cherokee (Cont'd) | | | | | | |
| 2009-08 | V8-5.7 | Upstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| | | Downstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| | | V8-6.1 | Upstream | LH | 23159 | |
| | | | | RH | 23159 | |
| | Downstream | | LH | 23159 | | |
| | | RH | 23159 | | | |
| | 2007 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) 24329 | | |
| | | | | | | |
| | | V6-3.7 | Upstream | LH | 23159 | |
| | | | | RH | 23159 | |
| Downstream | | | LH | 23159 | | |
| | | | RH | 23159 | | |
| V8-4.7 | | | Upstream | LH | 23556 | |
| | | | | RH | 23556 | |
| | | Downstream | LH | 23556 | | |
| | | | RH | 23556 | | |
| V8-5.7 | | Upstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| | | Downstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| | | V8-6.1 | Upstream | LH | 23159 | |
| | | | | RH | 23159 | |
| Downstream | | | LH | 23159 | | |
| | | | RH | 23159 | | |
| 2006 | | | V6-3.7 | Upstream | LH | 23160 |
| | | | | | RH | 23160 |
| | | Downstream | | LH | 23159 | |
| | | | | RH | 23159 | |
| | | V8-4.7 | | Upstream | LH | 23556 |
| | | | | | RH | 23556 |
| | Downstream | | LH | 23556 | | |
| | | | RH | 23556 | | |
| | V8-5.7 | Upstream | LH | 23160 | | |
| | | | RH | 23160 | | |
| | | Downstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| V8-6.1 | | Upstream | LH | 23160 | | |
| | | | RH | 23160 | | |
| | Downstream | LH | 23159 | | | |
| | | RH | 23159 | | | |
| | 2005 | V6-3.7 | Upstream | LH | 23160 | |
| | | | | RH | 23160 | |
| Downstream | | | LH | 23159 | | |
| | | | RH | 23159 | | |
| V8-4.7 | | | Upstream | LH | 23556 | |
| | | | | RH | 23556 | |
| | | Downstream | LH | 23556 | | |
| | | | RH | 23556 | | |
| V8-5.7 | | Upstream | LH | 23160 | | |
| | | | RH | 23160 | | |
| | | Downstream | LH | 23159 | | |
| | | | RH | 23159 | | |
| 2004 | L6-4.0 | Upstream | Cyls. 1-3 | 23137 | | |
| | | | Cyls. 4-6 | 23135 | | |
| | | Downstream | Cyls. 1-3 | 23132 | | |
| | | | Cyls. 4-6 | 23531 | | |
| | V8-4.7 | Upstream | LH | 23533 | | |
| | | | RH | 23532 | | |
| | | Downstream | LH | 23526 | | |
| | | | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|----------|---------------|-----------------------------------|----------------------|-------|
| JEEP (Cont'd) | | | | | |
| Grand Cherokee (Cont'd) | | | | | |
| 2004 | V8-4.7 | Downstream | RH | 23529 | |
| 2003-01 | L6-4.0 | Upstream | Cyls. 1-3 | 23139 | |
| | | | Cyls. 4-6 | 23138 | |
| | | Downstream | Cyls. 1-3 | 23140 | |
| | | | Cyls. 4-6 | 23141 | |
| | V8-4.7 | Upstream | LH | 23533 | |
| | | | RH | 23532 | |
| | | Downstream | LH | 23526 | |
| | | | RH | 23529 | |
| | 2000 | L6-4.0 | Upstream | Calif, 10.5" Pigtail | 23122 |
| | | | | Calif, 18" Pigtail | 23151 |
| Federal | | | | 23122 | |
| Downstream | | | Calif, Plug w/9 & 6 Clocking Pins | 23151 | |
| | | | Calif, Plug w/9 & 7 Clocking Pins | 23099 | |
| | | | Federal | 23088 | |
| V8-4.7 | | Upstream | Calif, 12" Pigtail | 23511 | |
| | | | Calif, 18" Pigtail | 23512 | |
| | | | Federal | 23511 | |
| | | Downstream | 12" Pigtail | 23509 | |
| | | | 14" Pigtail w/o Stud Clip | 23088 | |
| | | | 14" Pigtail w/Stud Clip | 23509 | |
| 1999 | L6-4.0 | Upstream | Calif, 10.5" Pigtail | 23122 | |
| | | | Calif, 11.5" Pigtail | 23506 | |
| | | | Federal | 23122 | |
| | | Downstream | Calif, Plug w/9 & 6 Clocking Pins | 23151 | |
| | | | Calif, Plug w/9 & 7 Clocking Pins | 23099 | |
| | | | Federal | 23088 | |
| | V8-4.7 | Upstream | Calif, 12" Pigtail | 23511 | |
| | | | Calif, 18" Pigtail | 23512 | |
| | | Downstream | Federal | 23511 | |
| | | | 12" Pigtail | 23509 | |
| 1998 | L6-4.0 | Upstream | | 23121 | |
| | | | Downstream | 23088 | |
| | | V8-5.2 | Upstream | 23506 | |
| | | | Downstream | 23088 | |
| | V8-5.9 | Upstream | 23506 | | |
| | | Downstream | 23088 | | |
| | 1997 | L6-4.0 | Upstream | 23121 | |
| | | | Downstream | 23088 | |
| | | V8-5.2 | Upstream | 23506 | |
| | | | Downstream | 23088 | |
| | 1996 | L6-4.0 | Upstream | 23121 | |
| | | | Downstream | 23016 | |
| V8-5.2 | | Upstream | 23506 | | |
| | | Downstream | 23016 | | |
| 1995-94 | L6-4.0 | Upstream | 23119 | | |
| | | Downstream | 23016 | | |
| | V8-5.2 | Upstream | 23023 | | |
| | | Downstream | 23023 | | |
| 1993 | L6-4.0 | Upstream | 23119 | | |
| | V8-5.2 | Upstream | 23023 | | |
| J Series (incl. Gladiator) Truck | | | | | |
| 1988-87 | All Engs | Upstream | | 21002 | |
| 1986-84 | All Engs | Upstream | | 22534 | |
| 1983-81 | L6-4.2 | Upstream | | 23552 | |
| | V8-5.9 | Upstream | | 22534 | |
| 1980 | L6-4.2 | Upstream | | 23021 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---------------------------------|--------|---------------|---------------|--------|
| JEEP (Cont'd) | | | | |
| Liberty | | | | |
| 2012-07 | V6-3.7 | Upstream | LH | 23159 |
| | | | RH | 23159 |
| | | Downstream | LH | 23159 |
| | | | RH | 23159 |
| 2006 | V6-3.7 | Upstream | LH | 23160 |
| | | | RH | 23160 |
| | | Downstream | LH | 23159 |
| | | | RH | 23159 |
| 2005 | L4-2.4 | Upstream | | 23159 |
| | | Downstream | | 23159 |
| | V6-3.7 | Upstream | LH | 23160 |
| | | | RH | 23160 |
| | | Downstream | LH | 23159 |
| | | | RH | 23159 |
| 2004 | L4-2.4 | Upstream | | 23159 |
| | | Downstream | | 23158 |
| | V6-3.7 | Upstream | LH | 23135 |
| | | | RH | 23135 |
| | | Downstream | LH | 23132 |
| | | | RH | 23132 |
| 2003-02 | L4-2.4 | Upstream | | 23138 |
| | | Downstream | | 23141 |
| | V6-3.7 | Upstream | LH | 23139 |
| | | | RH | 23138 |
| | | Downstream | LH | 23141 |
| | | | RH | 23142 |
| Patriot | | | | |
| 2017-11 | L4-2.0 | Upstream | | 23161 |
| | | Downstream | | 23161 |
| | L4-2.4 | Upstream | | 23161 |
| | | Downstream | | 23161 |
| 2010-07 | L4-2.0 | Upstream | | 25186 |
| | | Downstream | | 25186 |
| | L4-2.4 | Upstream | | 25186 |
| | | Downstream | | 25186 |
| Renegade | | | | |
| 2018 | L4-2.4 | Upstream | | 27009 |
| | | Downstream | | 23162 |
| 2017-15 | L4-1.4 | Upstream | | 27062 |
| | | Downstream | | 23057 |
| | L4-2.4 | Upstream | | 27009 |
| | | Downstream | | 23162 |
| Scrambler | | | | |
| 1985-84 | L4-2.5 | Upstream | | 22534 |
| | L6-4.2 | Upstream | | 22534 |
| 1983 | L4-2.5 | Upstream | | 22534 |
| | L6-4.2 | Upstream | | 23552 |
| 1982-81 | L4-2.5 | Upstream | | 21553 |
| | L6-4.2 | Upstream | | 23552 |
| Wagoneer, Grand Wagoneer | | | | |
| 1993 | V8-5.2 | Upstream | | 23023 |
| 1991 | V8-5.9 | Upstream | | 21002 |
| 1990-88 | L6-4.0 | Upstream | | 23553 |
| | V8-5.9 | Upstream | | 21002 |
| 1987 | L4-2.5 | Upstream | | 23502 |
| | L6-4.0 | Upstream | | 21002 |
| | V8-5.9 | Upstream | | 21002 |
| 1986-84 | L4-2.5 | Upstream | | 22534 |
| | L6-4.2 | Upstream | | 22534 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|--------|---------------|------------------------|----------------|----------------|
| JEEP (Cont'd) | | | | | |
| Wagoneer, Grand Wagoneer (Cont'd) | | | | | |
| 1986-84 | V6-2.8 | Upstream | | 21002 | |
| | V8-5.9 | Upstream | | 22534 | |
| 1983-81 | L6-4.2 | Upstream | | 23552 | |
| | V8-5.9 | Upstream | | 22534 | |
| 1980 | L6-4.2 | Upstream | | 23021 | |
| Wrangler (Incl. TJ & YJ) | | | | | |
| 2018-13 | V6-3.6 | Upstream | LH | 23162 | |
| | | | RH | 23161 | |
| | | Downstream | LH | 23161 | |
| | | | RH | 23162 | |
| 2012 | V6-3.6 | Upstream | LH | 23162 | |
| | | | RH | LHD RHD | 23161 23162 |
| | | Downstream | LH | 23161 | |
| | | | RH | 23162 | |
| 2011 | V6-3.8 | Upstream | LH | 23143 | |
| | | | RH | 23070 | |
| | | Downstream | LH | 23070 | |
| | | | RH | 23143 | |
| 2010 | V6-3.8 | Upstream | LH | 25186 | |
| | | | RH | 25186 | |
| | | Downstream | LH | 23070 | |
| | | | RH | 23143 | |
| 2009-08 | V6-3.8 | Upstream | LH | 23566 | |
| | | | RH | 25186 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| 2007 | V6-3.8 | Upstream | LH | LHD RHD | 23566 25186 |
| | | | RH | 25186 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| 2006-05 | L4-2.4 | Upstream | | 23159 | |
| | | Downstream | | 23159 | |
| | L6-4.0 | Upstream | Cyls. 1-3 | 23018 | |
| | | | Cyls. 4-6 | 23160 | |
| | | Downstream | Cyls. 1-3 | 23159 | |
| | | | Cyls. 4-6 | 23158 | |
| 2004 | L4-2.4 | Upstream | | 23138 | |
| | | Downstream | | 23141 | |
| | L6-4.0 | Upstream | Cyls. 1-3 Cyls. 4-6 | 23137 23135 | |
| | | Downstream | Cyls. 1-3 Cyls. 4-6 | 23132 23531 | |
| 2003 | L4-2.4 | Upstream | | 23138 | |
| | | Downstream | | 23141 | |
| | L6-4.0 | Upstream | Cyls. 1-3 Cyls. 4-6 | 23139 23138 | |
| | | Downstream | Cyls. 1-3 Cyls. 4-6 | 23142 23141 | |
| 2002-01 | L4-2.5 | Upstream | | 23138 | |
| | | Downstream | | 23141 | |
| | L6-4.0 | Upstream | Cyls. 1-3 Cyls. 4-6 | 23139 23138 | |
| | | Downstream | Cyls. 1-3 Cyls. 4-6 | 23142 23141 | |
| 2000 | L4-2.5 | Upstream | | 23506 | |
| | | Downstream | | 23099 | |
| | L6-4.0 | Upstream | Federal | 23122 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|---------|---------------|-------------------|--------------|-------|
| JEEP (Cont'd) | | | | | |
| Wrangler (Incl. TJ & YJ) (Cont'd) | | | | | |
| 2000 | L6-4.0 | Upstream | Cyls. 1-3; Calif. | 23099 | |
| | | | Cyls. 4-6; Calif. | 23506 | |
| | | Downstream | Federal | 23099 | |
| | | | Cyls. 1-3; Calif. | 23110 | |
| | | | Cyls. 4-6; Calif. | 23099 | |
| 1999 | L4-2.5 | Upstream | | 23506 | |
| | | Downstream | | 23099 | |
| | L6-4.0 | Upstream | | 23151 | |
| | | Downstream | | 23099 | |
| 1998 | L4-2.5 | Upstream | | 23151 | |
| | | Downstream | | 23099 | |
| | L6-4.0 | Upstream | | 23151 | |
| | | Downstream | | 23099 | |
| 1997 | L4-2.5 | Upstream | | 23506 | |
| | | Downstream | | 23099 | |
| | L6-4.0 | Upstream | | 23151 | |
| | | Downstream | | 23099 | |
| 1995-91 | L4-2.5 | Upstream | | 23023 | |
| | L6-4.0 | Upstream | | 23023 | |
| 1990-87 | L4-2.5 | Upstream | | 23502 | |
| | L6-4.2 | Upstream | | 21002 | |
| KIA | | | | | |
| Amanti | | | | | |
| 2009-07 | V6-3.8 | Upstream | LH | 25671 | |
| | | | RH | 25671 | |
| | | Downstream | LH | 25671 | |
| | | | RH | 25672 | |
| 2006-04 | V6-3.5 | Upstream | LH | 25158 | |
| | | | RH | 25158 | |
| | | Downstream | LH | 25162 | |
| | | | RH | 25151 | |
| Borrego | | | | | |
| 2011-09 | V6-3.8 | Upstream | LH | 25671 | |
| | | | RH | 25678 | |
| | | Downstream | LH | 25671 | |
| | | | RH | 25671 | |
| | V8-4.6 | Upstream | LH | 25718 | |
| | | | RH | 25718 | |
| | | Downstream | LH | 25718 | |
| | | | RH | 25718 | |
| Cadenza | | | | | |
| 2016-14 | V6-3.3 | Upstream | LH | 25211 | |
| | | | RH | 25207 | |
| | | Downstream | LH | 25219 | |
| | | | RH | 25204 | |
| Forte, Forte5, Forte Koup | | | | | |
| 2016-14 | L4-1.6 | Upstream | | 24325 | |
| | | Downstream | | 25739 | |
| | L4-1.8 | Upstream | | 24325 | |
| | | Downstream | | 25732 | |
| | L4-2.0 | Upstream | Calif. | 24325 | |
| | | | Federal | 24348 | |
| | | Downstream | Calif. | 25732 | |
| | | | Federal | 25733 | |
| | 2013-10 | L4-2.0 | Upstream | Calif; A/T | 24381 |
| | | | | Federal; A/T | 24390 |
| M/T | | | | 24390 | |
| Downstream | | Calif; A/T | 25199 | | |
| | | Federal; A/T | 25200 | | |
| | | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|--------------|---------------|---------------|--------------|-------|
| KIA (Cont'd) | | | | | |
| Forte, Forte5, Forte Koup (Cont'd) | | | | | |
| 2013-10 | L4-2.0 | Downstream | M/T | 25200 | |
| | | | | | |
| | L4-2.4 | Upstream | Calif; A/T | 24381 | |
| | | | Federal; A/T | 24390 | |
| | | Downstream | M/T | 24390 | |
| | | | Calif; A/T | 25199 | |
| | Federal; A/T | 25200 | | | |
| | | M/T | 25200 | | |
| K900 | | | | | |
| 2016-15 | V6-3.8 | Upstream | LH | 25239 | |
| | | | RH | 25246 | |
| | | Downstream | LH | 25212 | |
| | | | RH | 25212 | |
| | V8-5.0 | Upstream | LH | 25718 | |
| | | | RH | 25718 | |
| | | Downstream | LH | 25718 | |
| | | | RH | 25718 | |
| Magentis | | | | | |
| 2010 | L4-2.4 | Upstream | | 24389 | |
| | | | Downstream | 25200 | |
| | V6-2.7 | Upstream | LH | 25195 | |
| | | | RH | 25194 | |
| | | Downstream | LH | 25196 | |
| | | | RH | 25196 | |
| 2009-06 | L4-2.4 | Upstream | | 25182 | |
| | | | Downstream | 25183 | |
| | V6-2.7 | Upstream | LH | 25195 | |
| | | | RH | 25194 | |
| Downstream | LH | | 25196 | | |
| | | RH | 25196 | | |
| 2005-03 | L4-2.4 | Upstream | | 25155 | |
| | | | Downstream | 25150 | |
| | V6-2.7 | Upstream | LH | 25180 | |
| | | | RH | 25180 | |
| Downstream | LH | | 25181 | | |
| | | RH | 25160 | | |
| 2002 | L4-2.4 | Upstream | | 25155 | |
| | | | Downstream | 25150 | |
| | V6-2.7 | Upstream | LH | To 7/24/02 | |
| | | | RH | From 7/24/02 | |
| | | Downstream | LH | To 7/24/02 | |
| | | | RH | From 7/24/02 | |
| | 2001 | L4-2.4 | Upstream | | 25155 |
| | | | | Downstream | 25150 |
| V6-2.5 | | Upstream | LH | 25000 | |
| | | | RH | 25000 | |
| | | Downstream | LH | 25169 | |
| | | | RH | 25166 | |
| Niro | | | | | |
| 2018-17 | L4-1.6 | Upstream | | 27078 | |
| Optima | | | | | |
| 2016 | L4-1.6 | Upstream | | 24325 | |
| | | | Downstream | 25739 | |
| | L4-2.0 | Upstream | | 27028 | |
| | | | Downstream | 25225 | |
| L4-2.4 | Upstream | Hybrid | 24381 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|-------------------|-------------------|-----------------|--------------|-------|
| KIA (Cont'd) | | | | | |
| Optima (Cont'd) | | | | | |
| 2016 | L4-2.4 | Upstream | Gas | 27027 | |
| | | Downstream | Hybrid | 25199 | |
| | | | Gas | 25224 | |
| 2015-14 | L4-2.0 | Upstream | | 24370 | |
| | L4-2.4 | Upstream | | 24381 | |
| | | Downstream | | 25199 | |
| 2013-12 | L4-2.0 | Upstream | | 24370 | |
| | | L4-2.4 | Upstream | Hybrid | 24381 |
| | Calif; Gas; A/T | | 24381 | | |
| | Federal; Gas; A/T | | 24390 | | |
| | Gas; M/T | | 24390 | | |
| | Downstream | Hybrid | 25199 | | |
| | | Calif; Gas; A/T | 25199 | | |
| | | 25199 | | | |
| 2011 | L4-2.0 | Upstream | | 24370 | |
| | | Downstream | | 25201 | |
| | L4-2.4 | Upstream | Hybrid | 24381 | |
| | | Calif; Gas; A/T | 24381 | | |
| | | Federal; Gas; A/T | 24390 | | |
| | | Gas; M/T | 24390 | | |
| | | Downstream | Hybrid | 25199 | |
| | | | Calif; Gas; A/T | 25199 | |
| | Federal; Gas; A/T | | 25201 | | |
| | | Gas; M/T | 25201 | | |
| 2010 | L4-2.4 | Upstream | | 24389 | |
| | | Downstream | | 25200 | |
| | V6-2.7 | Upstream | LH | 25195 | |
| | | RH | 25194 | | |
| | Downstream | LH | 25196 | | |
| | | RH | 25196 | | |
| 2009-06 | L4-2.4 | Upstream | | 25182 | |
| | | Downstream | | 25183 | |
| | V6-2.7 | Upstream | LH | 25195 | |
| | | RH | 25194 | | |
| Downstream | LH | 25196 | | | |
| | RH | 25196 | | | |
| 2005-03 | L4-2.4 | Upstream | | 25155 | |
| | | Downstream | | 25150 | |
| | V6-2.7 | Upstream | LH | 25180 | |
| | | RH | 25180 | | |
| | | Downstream | LH | 25181 | |
| | | | RH | 25160 | |
| 2002 | L4-2.4 | Upstream | | 25155 | |
| | | Downstream | | 25150 | |
| | V6-2.7 | Upstream | LH | To 7/24/02 | 25000 |
| | | | | From 7/24/02 | 25180 |
| | | | RH | To 7/24/02 | 25000 |
| | | | | From 7/24/02 | 25180 |
| | | Downstream | LH | To 7/24/02 | 25169 |
| | | | | From 7/24/02 | 25181 |
| | | | RH | To 7/24/02 | 25166 |
| | | | | From 7/24/02 | 25160 |
| | 2001 | L4-2.4 | Upstream | | 25155 |
| | | | Downstream | | 25150 |
| V6-2.5 | | Upstream | LH | 25000 | |
| | | | RH | 25000 | |
| | | Downstream | LH | 25169 | |
| | | | RH | 25166 | |
| Rio, Rio 5 | | | | | |
| 2017-12 | L4-1.6 | Upstream | | 24326 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|----------------------------|--------|---------------------|---------------|-----------------------|
| KIA (Cont'd) | | | | |
| Rio, Rio 5 (Cont'd) | | | | |
| 2017-12 | L4-1.6 | Downstream | | 25739 |
| 2011-06 | L4-1.6 | Upstream | | 24588 |
| | | Downstream | | 24588 |
| 2005-04 | L4-1.6 | Upstream | | 25176 |
| | | Downstream | | 25177 |
| 2003 | L4-1.6 | Upstream | | 25156 |
| | | Downstream | | 25157 |
| 2002-01 | L4-1.5 | Upstream | | 25156 |
| | | Downstream | | 25157 |
| Rondo | | | | |
| 2016-14 | L4-2.0 | Upstream | | 24348 |
| | | Downstream | | 25733 |
| 2012-09 | L4-2.4 | Upstream | Calif. | 24381 |
| | | | Federal | 24389 |
| | | Downstream | Calif. | 25199 |
| | | | Federal | 25200 |
| | V6-2.7 | Upstream | LH | 25195 |
| | | RH | 25194 | |
| Downstream | LH | 25196 | | |
| | RH | 25196 | | |
| 2008-07 | L4-2.4 | Upstream | | 25182 |
| | | Downstream | | 25183 |
| | V6-2.7 | Upstream | LH | 25195 |
| | | RH | 25194 | |
| Downstream | LH | 25196 | | |
| | RH | 25196 | | |
| Sedona | | | | |
| 2016 | V6-3.3 | Upstream | LH | 25211 |
| | | | RH | 25207 |
| | | Downstream | LH | 25242 |
| | | | RH | 25245 |
| 2015 | V6-3.3 | Upstream | LH | 25211 |
| | | | RH | 25207 |
| | | Downstream | LH | To 1/26/15 25219 |
| | | | RH | From 1/26/15 25242 |
| 2014 | V6-3.5 | Upstream | LH | 25211 |
| | | | RH | 25207 |
| Downstream | LH | 25219 | | |
| | RH | To 5/21/13 25204 | | |
| 2012-11 | V6-3.5 | Upstream | LH | 25211 |
| | | | RH | 25217 |
| Downstream | LH | 25219 | | |
| | RH | 25218 | | |
| 2010-06 | V6-3.8 | Upstream | LH | 25671 |
| | | | RH | 25671 |
| | | Downstream | LH | 25671 |
| | | | RH | 25672 |
| 2005-02 | V6-3.5 | Upstream | LH | 25158 |
| | | | RH | 25158 |
| | | Downstream | LH | 25154 |
| 2001-98 | L4-1.8 | Upstream | | 24583 |
| | | Downstream | | 24600 |
| 1997-96 | L4-1.6 | Upstream | DOHC | 24023 |
| | | | SOHC | 22043 |
| | | Downstream | DOHC | 22001 |
| Sephia | | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|------------|---------------|---------------|--------|-------|
| KIA (Cont'd) | | | | | |
| Sephia (Cont'd) | | | | | |
| 1997-96 | L4-1.6 | Downstream | SOHC | 24023 | |
| | | Upstream | | 22032 | |
| | | Downstream | | 24577 | |
| 1995 | L4-1.6 | Upstream | DOHC | 24023 | |
| | | | SOHC | 22043 | |
| | L4-1.8 | Upstream | | 22032 | |
| 1994 | L4-1.6 | Upstream | | 22043 | |
| Sorento | | | | | |
| 2016 | L4-2.0 | Upstream | | 27028 | |
| | | Downstream | | 25225 | |
| | L4-2.4 | Upstream | | 27027 | |
| | | Downstream | AWD | 25240 | |
| | | | FWD | 25224 | |
| | V6-3.3 | Upstream | LH | 25211 | |
| | | | RH | 25213 | |
| | | | | FWD | 25207 |
| | | Downstream | LH | 25219 | |
| | | | RH | 25214 | |
| | | | | | |
| | 2015 | L4-2.4 | Upstream | | 27027 |
| Downstream | | | AWD | 25240 | |
| | | | FWD | 25224 | |
| V6-3.3 | | Upstream | LH | 25211 | |
| | | | RH | 25213 | |
| | | | | FWD | 25207 |
| | | Downstream | LH | 25219 | |
| | | | RH | 25214 | |
| | | | | | |
| 2014 | | L4-2.4 | Upstream | | 24381 |
| | | | Downstream | | 25199 |
| | | V6-3.3 | Upstream | LH | 25211 |
| | RH | | | 25213 | |
| | | | | FWD | 25207 |
| | Downstream | | LH | 25219 | |
| | | | RH | 25214 | |
| | | | | | |
| | 2013-11 | L4-2.4 | Upstream | | 24381 |
| | | | Downstream | | 25199 |
| | | V6-3.5 | Upstream | LH | 25211 |
| | | | | RH | 25213 |
| | | | | | |
| Downstream | | | LH | 25212 | |
| | | | RH | 25214 | |
| | | | | | |
| 2009-07 | | All Engs | Upstream | LH | 25671 |
| | | | | RH | 25678 |
| | | | Downstream | LH | 25672 |
| | | | | RH | 25691 |
| | | | | | |
| | | | | | |
| 2006-03 | V6-3.5 | Upstream | LH | 25158 | |
| | | | RH | 25158 | |
| | | Downstream | LH | 25175 | |
| | | | RH | 25175 | |
| | | | | | |
| | | | | | |
| Soul | | | | | |
| 2016-14 | L4-1.6 | Upstream | | 24326 | |
| | | Downstream | | 25739 | |
| | L4-2.0 | Upstream | | 24348 | |
| | | Downstream | | 25748 | |
| 2013-12 | L4-1.6 | Upstream | | 24326 | |
| | | Downstream | | 25739 | |
| | L4-2.0 | Upstream | | 24348 | |
| | | Downstream | | 25733 | |
| 2011-10 | L4-1.6 | Upstream | | 25708 | |
| | | Downstream | | 25734 | |
| | L4-2.0 | Upstream | | 25683 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------|--------------|---------------|---------------|----------|-------|
| KIA (Cont'd) | | | | | |
| Soul (Cont'd) | | | | | |
| 2011-10 | L4-2.0 | Downstream | | 24588 | |
| Spectra, Spectra 5 | | | | | |
| 2009-07 | L4-2.0 | Upstream | Hatchback | 24304 | |
| | | | Sedan | 24353 | |
| | | Downstream | | 24588 | |
| 2006-05 | L4-2.0 | Upstream | | 24304 | |
| | | Downstream | | 24588 | |
| 2004 | L4-1.8 | Upstream | | 25610 | |
| | | Downstream | | 25610 | |
| | L4-2.0 | Upstream | | 24304 | |
| | | Downstream | | 24588 | |
| 2003 | L4-1.8 | Upstream | | 25610 | |
| | | Downstream | | 25610 | |
| 2002 | L4-1.8 | Upstream | To 5/22/01 | 24583 | |
| | | | From 5/22/01 | 25610 | |
| | | Downstream | To 5/22/01 | 24600 | |
| | | | From 5/22/01 | 25610 | |
| 2001-00 | L4-1.8 | Upstream | | 24583 | |
| | | Downstream | | 24600 | |
| Sportage | | | | | |
| 2017 | L4-2.0 | Upstream | | 27028 | |
| | | Downstream | | 25225 | |
| | L4-2.4 | Upstream | | 27027 | |
| | | Downstream | | 25240 | |
| 2016-14 | L4-2.0 | Upstream | | 24370 | |
| | | Downstream | | 25202 | |
| | L4-2.4 | Upstream | | 24381 | |
| | | Downstream | | 25199 | |
| 2013-11 | L4-2.0 | Upstream | | 24370 | |
| | | Downstream | | 25202 | |
| | L4-2.4 | Upstream | Calif; A/T | 24381 | |
| | | | Federal; A/T | 24390 | |
| | | Downstream | M/T | 24390 | |
| | | | Calif; A/T | 25199 | |
| | Federal; A/T | 25202 | | | |
| | M/T | 25202 | | | |
| 2010-05 | L4-2.0 | Upstream | | 25606 | |
| | | Downstream | | 24588 | |
| | V6-2.7 | Upstream | LH | 25069 | |
| | | | RH | 25069 | |
| | | Downstream | LH | 25181 | |
| | | | RH | 25160 | |
| 2002-96 | L4-2.0 | Upstream | | 24583 | |
| | | Downstream | | 24583 | |
| 1995 | L4-2.0 | Upstream | DOHC | 25635 | |
| | | | SOHC | 24530 | |
| LAND ROVER | | | | | |
| Defender Series | | | | | |
| 1997 | V8-4.0 | Upstream | LH | w/AELS | 25044 |
| | | | | w/o AELS | 25017 |
| | | | RH | w/AELS | 25044 |
| | | | | w/o AELS | 25017 |
| | | Downstream | LH | w/AELS | 25044 |
| | | | | w/o AELS | 25017 |
| | | | RH | w/AELS | 25044 |
| | | | | w/o AELS | 25017 |
| 1995-94 | V8-3.9 | Upstream | LH | 3-Wire | 25016 |
| | | | | 4-Wire | 25044 |
| | | | RH | 3-Wire | 25016 |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--------------------------------------|------------|--------------------------------------|--------------------------------------|--------|
| LAND ROVER (Cont'd) | | | | |
| Defender Series (Cont'd) | | | | |
| 1995-94 | V8-3.9 | Upstream | LH 4-Wire | 25044 |
| 1993 | V8-3.9 | Upstream | LH A/T | 25044 |
| | | | M/T | 25016 |
| | | | RH A/T | 25044 |
| | | | M/T | 25016 |
| Discovery Series, LR3, LR4 | | | | |
| 2016-15 | L4-2.0 | Upstream | Frt O2 | 27048 |
| | | Intermediate | Intermediate (Cntr) O2 | 25755 |
| | | Downstream | Rear O2 | 25756 |
| | V6-3.0 | Upstream | Loc. in LH Mnfl | 27061 |
| | | | Loc. in RH Mnfl | 27061 |
| | | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2 | 25754 |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2 | 25753 |
| | V6-3.0 | Upstream | Loc. After LH Cat; Rear O2 | 25755 |
| | | | Loc. After RH Cat; Rear O2 | 25753 |
| | | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2 | 25754 |
| Loc. in RH Downpipe Mid-Cat; Cntr O2 | | | 25753 | |
| 2014 | V6-3.0 | Upstream | Loc. in LH Mnfl | 27061 |
| | | | Loc. in RH Mnfl | 27061 |
| | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2 | 25754 | |
| | | Loc. in RH Downpipe Mid-Cat; Cntr O2 | 25753 | |
| 2013-10 | V8-5.0 | Upstream | LH | 25731 |
| | | | RH | 25731 |
| | | Downstream | LH | 25646 |
| | | | RH | 25713 |
| 2009-07 | V6-4.0 | Upstream | LH | 24823 |
| | | | RH | 24823 |
| | | Downstream | LH N.A. Specification | 25694 |
| | | | Rest of World Specification | 25646 |
| | V8-4.4 | Upstream | LH | 24823 |
| | | | RH | 24823 |
| | | Downstream | LH N.A. Specification | 25694 |
| | | | Rest of World Specification | 25646 |
| 2006-05 | V6-4.0 | Upstream | LH | 24823 |
| | | | RH | 24823 |
| | | Downstream | LH | 25646 |
| | | | RH | 25646 |
| | V8-4.4 | Upstream | LH | 24823 |
| | | | RH | 24823 |
| | | Downstream | LH | 25646 |
| | | | RH | 25646 |
| 2004-03 | V8-4.6 | Upstream | LH | 25623 |
| | | | RH | 25623 |
| | | Downstream | LH | 25624 |
| | | | RH | 25624 |
| 2002-00 | V8-4.0 | Upstream | LH | 25623 |
| | | | RH | 25623 |
| | | Downstream | LH | 25624 |
| | | | RH | 25624 |
| 1999 | V8-4.0 | Upstream | LH w/AELS; SD | 25044 |
| | | | w/o AELS; SD | 25017 |
| | | | w/AELS; SE7 | 25044 |
| | | | w/o AELS; SE7 | 25017 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|--------|---------------|---|-----------------|-------|
| LAND ROVER (Cont'd) | | | | | |
| Discovery Series, LR3, LR4 (Cont'd) | | | | | |
| 1999 | V8-4.0 | Upstream | LH Series II | 25623 | |
| | | | RH w/AELS; SD | 25044 | |
| | | | w/o AELS; SD | 25017 | |
| | | | w/AELS; SE7 | 25044 | |
| | | | w/o AELS; SE7 | 25017 | |
| | | | Series II | 25623 | |
| | | | Series II | 25623 | |
| | | Downstream | LH w/AELS; SD | 25044 | |
| | | | w/o AELS; SD | 25017 | |
| | | | w/AELS; SE7 | 25044 | |
| | | | w/o AELS; SE7 | 25017 | |
| | | | Series II | 25624 | |
| | | | RH w/AELS; SD | 25044 | |
| | | | w/o AELS; SD | 25017 | |
| 1998-96 | V8-4.0 | Upstream | LH w/AELS | 25044 | |
| | | | w/o AELS | 25017 | |
| | | | RH w/AELS | 25044 | |
| | | Downstream | LH w/AELS | 25044 | |
| | | | w/o AELS | 25017 | |
| | | | RH w/AELS | 25044 | |
| | | | w/o AELS | 25017 | |
| 1995-94 | V8-3.9 | Upstream | LH | 25016 | |
| | | | RH | 25016 | |
| Freelander, LR2 | | | | | |
| 2015-13 | L4-2.0 | Upstream | | 24325 | |
| | | Downstream | | 25741 | |
| 2012-08 | L6-3.2 | Upstream | Cyls. 1-3 | 25704 | |
| | | | Cyls. 4-6 | 25704 | |
| | | Downstream | Cyls. 1-3 | 25646 | |
| | | | Cyls. 4-6 | 25646 | |
| 2005 | V6-2.5 | Upstream | LH | 25660 | |
| | | | RH | 25660 | |
| | | Downstream | LH | 25624 | |
| | | | RH | 25624 | |
| 2004-02 | V6-2.5 | Upstream | LH | 25623 | |
| | | | RH | 25623 | |
| | | Downstream | LH | 25624 | |
| | | | RH | 25624 | |
| Range Rover | | | | | |
| 2016 | V6-3.0 | Upstream | Diesel | 24325 | |
| | | | Gas | 27061 | |
| | | Downstream | Diesel | 24325 | |
| | | | Loc. in LH Downpipe Mid-Cat; Cntr O2; Gas | 25754 | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2; Gas | 25753 | |
| | | | Loc. After LH Cat; Rear O2; Gas | 25752 | |
| | | | Loc. After RH Cat; Rear O2; Gas | 25752 | |
| | | | Gas | 25752 | |
| | | V8-5.0 | Upstream | Loc. in LH Mnfl | 27061 |
| | | | | Loc. in RH Mnfl | 27061 |
| | | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2 | 25754 | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2 | 25753 | |
| | | | Loc. After LH Cat; Rear O2 | 25752 | |
| | | | Loc. After RH Cat; Rear O2 | 25752 | |
| 2015-14 | V6-3.0 | Upstream | Loc. in LH Mnfl | 27061 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-----------------------------|----------|--------------------------------------|--------------------------------------|--------------------------------------|
| LAND ROVER (Cont'd) | | | | |
| Range Rover (Cont'd) | | | | |
| 2015-14 | V6-3.0 | Upstream | Loc. in RH Mnflid | 27061 |
| | | | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2 |
| | | Loc. in RH Downpipe Mid-Cat; Cntr O2 | | 25753 |
| | | Loc. After LH Cat; Rear O2 | | 25752 |
| | | Loc. After RH Cat; Rear O2 | 25752 | |
| | V8-5.0 | Upstream | Loc. in LH Mnflid | 27061 |
| | | | Loc. in RH Mnflid | 27061 |
| | | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2 | 25754 |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2 | 25753 |
| | | | Loc. After LH Cat; Rear O2 | 25752 |
| Loc. After RH Cat; Rear O2 | 25752 | | | |
| 2013 | V8-5.0 | Upstream | | 27061 |
| | | | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2 |
| | | Loc. in RH Downpipe Mid-Cat; Cntr O2 | | 25753 |
| | | Rear O2 | 25752 | |
| 2012-10 | V8-5.0 | Upstream | LH | 25731 |
| | | | RH | 25731 |
| | | Downstream | LH | 25713 |
| | | | RH | 25713 |
| 2009-06 | V8-4.2 | Upstream | LH | 24823 |
| | | | RH | 24823 |
| | | Downstream | LH | 25646 |
| | | | RH | 25646 |
| | V8-4.4 | Upstream | LH | 24823 |
| | | | RH | 24823 |
| Downstream | LH | 25646 | | |
| | RH | 25646 | | |
| 2005-03 | V8-4.4 | Upstream | LH | 25569 |
| | | | RH | 25569 |
| | | Downstream | LH | 25587 |
| | | | RH | 25587 |
| 2002-99 | All Engs | Upstream | LH | 25623 |
| | | | RH | 25623 |
| | | Downstream | LH | 25624 |
| | | | RH | 25624 |
| 1998 | V8-4.0 | Upstream | LH | 25044 |
| | | | RH | 25044 |
| | | Downstream | LH | 25044 |
| | | | RH | 25044 |
| | V8-4.6 | Upstream | LH | 25044 |
| | | | RH | 25044 |
| | | Downstream | LH | 25044 |
| | | | RH | 25044 |
| 1997 | All Engs | Upstream | LH | To VIN #VA350101 |
| | | | | From VIN #V350102 |
| | | | RH | To VIN #VA350101 |
| | | | | From VIN #V350102 |
| | | Downstream | LH | To VIN #VA350101 |
| | | | | From VIN #V350102 |
| | | | RH | To VIN #VA350101 |
| | | | | From VIN #V350102 |
| 1996 | V8-4.0 | Upstream | LH | 25017 |
| | | | RH | 25017 |
| | | Downstream | LH | 25017 |
| | | | RH | 25017 |
| | V8-4.6 | Upstream | LH | 25017 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--------------------------------------|----------|---------------|---|--------------------------------------|-------------------|-------|
| LAND ROVER (Cont'd) | | | | | | |
| Range Rover (Cont'd) | | | | | | |
| 1996 | V8-4.6 | Upstream | RH | 25017 | | |
| | | | Downstream | LH | 25017 | |
| | | | | RH | 25017 | |
| | | 1995 | V8-3.9 | Upstream | LH | 25016 |
| | | | | | RH | 25016 |
| | | | V8-4.0 | Upstream | LH | 25017 |
| | | | | | Downstream | LH |
| | | | RH | 25017 | | |
| | | | RH | 25017 | | |
| | | 1994-93 | V8-3.9 | Upstream | LH | 25016 |
| RH | 25016 | | | | | |
| V8-4.2 | Upstream | | LH | 25016 | | |
| | | | RH | 25016 | | |
| 1992-89 | V8-3.9 | Upstream | LH | 25016 | | |
| | | | RH | 25016 | | |
| | | V8-3.5 | Upstream | LH | 25016 | |
| | | | | RH | 25016 | |
| Range Rover Evoque | | | | | | |
| 2016-14 | L4-2.0 | Upstream | Frt O2 | 27048 | | |
| | | | Intermediate | Intermediate (Cntr) O2 | | |
| | | | Downstream | Rear O2 | | |
| 2013-12 | L4-2.0 | Upstream | | 24325 | | |
| | | | Downstream | | | |
| Range Rover Sport | | | | | | |
| 2016 | V6-3.0 | Upstream | Diesel | 24325 | | |
| | | | Gas | 27061 | | |
| | | Downstream | Diesel | 24325 | | |
| | | | Loc. in LH Downpipe Mid-Cat; Cntr O2; Gas | 25754 | | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2; Gas | 25753 | | |
| | | | Loc. After LH Cat; Rear O2; Gas | 25752 | | |
| | | | Loc. After RH Cat; Rear O2; Gas | 25752 | | |
| | | | V8-5.0 | Upstream | Loc. in LH Mnflid | 27061 |
| | | | | | Loc. in RH Mnflid | 27061 |
| | | | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2 | 25754 | |
| Loc. in RH Downpipe Mid-Cat; Cntr O2 | 25753 | | | | | |
| Loc. After LH Cat; Rear O2 | 25752 | | | | | |
| Loc. After RH Cat; Rear O2 | 25752 | | | | | |
| 2015-14 | V6-3.0 | Upstream | Loc. in LH Mnflid | 27061 | | |
| | | | Loc. in RH Mnflid | 27061 | | |
| | | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2 | 25754 | | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2 | 25753 | | |
| | | | Loc. After LH Cat; Rear O2 | 25752 | | |
| | V8-5.0 | Upstream | Loc. in LH Mnflid | 27061 | | |
| | | | Loc. in RH Mnflid | 27061 | | |
| | | Downstream | Loc. in LH Downpipe Mid-Cat; Cntr O2 | 25754 | | |
| | | | Loc. in RH Downpipe Mid-Cat; Cntr O2 | 25753 | | |
| | | | Loc. After LH Cat; Rear O2 | 25752 | | |
| 2013-10 | V8-5.0 | Upstream | LH | 25731 | | |
| | | | RH | 25731 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|---------------|-----------------------------|-------|
| LAND ROVER (Cont'd) | | | | | |
| Range Rover Sport (Cont'd) | | | | | |
| 2013-10 | V8-5.0 | Downstream | LH | 25646 | |
| | | | RH | 25713 | |
| 2009-07 | V8-4.2 | Upstream | LH | 24823 | |
| | | | RH | 24823 | |
| | | Downstream | LH | N.A. Specification | 25694 |
| | | | | Rest of World Specification | 25646 |
| | | | RH | N.A. Specification | 25694 |
| | | | | Rest of World Specification | 25646 |
| | V8-4.4 | Upstream | LH | 24823 | |
| | | | RH | 24823 | |
| | | Downstream | LH | N.A. Specification | 25694 |
| | | | | Rest of World Specification | 25646 |
| 2006 | V8-4.2 | Upstream | LH | 24823 | |
| | | | RH | 24823 | |
| Downstream | | LH | 25646 | | |
| | | RH | 25646 | | |
| V8-4.4 | Upstream | LH | 24823 | | |
| | | RH | 24823 | | |
| | Downstream | LH | 25646 | | |
| | | RH | 25646 | | |
| LEXUS | | | | | |
| CT Series (CT200h) | | | | | |
| 2017-11 | L4-1.8 | Upstream | | 24828 | |
| | | Downstream | | 24834 | |
| ES Series (ES250, 300, 300h, 330, 350) | | | | | |
| 2017-16 | L4-2.5 | Upstream | | 24851 | |
| | | Downstream | | 24470 | |
| | V6-3.5 | Upstream | F | JPN Prod. | 24662 |
| | | | | N.A. Prod. | 24851 |
| | | Downstream | R | JPN Prod. | 24851 |
| | | | | N.A. Prod. | 24827 |
| | 2015 | L4-2.5 | Upstream | | 24851 |
| | | | Downstream | | 24470 |
| | V6-3.5 | Upstream | F | | 24662 |
| | | | R | | 24851 |
| Downstream | | F | | 24594 | |
| | | R | | 24564 | |
| 2014-13 | L4-2.5 | Upstream | | 24851 | |
| | | Downstream | | 24470 | |
| | V6-3.5 | Upstream | F | | 24828 |
| | | | R | | 24851 |
| | | Downstream | F | | 24594 |
| | | | R | | 24564 |
| 2012 | V6-3.5 | Upstream | F | 24828 | |
| | | | R | 24851 | |
| | | Downstream | F | 24594 | |
| | | | R | 24564 | |
| 2011-07 | V6-3.5 | Upstream | F | 24662 | |
| | | | R | 24827 | |
| | | Downstream | F | 24594 | |
| | | | R | 24564 | |
| 2006-04 | V6-3.3 | Upstream | F | 24827 | |
| | | | R | 24663 | |
| | | Downstream | F | 24594 | |
| | | | R | 24564 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|--------|---------------|----------------|--------------------|-------|
| LEXUS (Cont'd) | | | | | |
| ES Series (ES250, 300, 300h, 330, 350) (Cont'd) | | | | | |
| 2003-02 | V6-3.0 | Upstream | F | 24827 | |
| | | | R | 24663 | |
| | | Downstream | F | 24594 | |
| | | | R | 24564 | |
| 2001-00 | V6-3.0 | Upstream | F | 24822 | |
| | | | R | 24658 | |
| | | Downstream | | 24808 | |
| | | | | | |
| 1999 | V6-3.0 | Upstream | F | 25697 | |
| | | | R | 25697 | |
| | | Downstream | | 24808 | |
| 1998 | V6-3.0 | Upstream | F | Calif. | 25697 |
| | | | | Federal | 24594 |
| | | | R | Calif. | 25697 |
| | | Downstream | | Federal | 24594 |
| | | | | | 24808 |
| | | | | | |
| 1997 | V6-3.0 | Upstream | F | 24594 | |
| | | | R | 24594 | |
| | | Downstream | | 24808 | |
| 1996-94 | V6-3.0 | Upstream | F | 24594 | |
| | | | R | 24594 | |
| | | Downstream | | 24579 | |
| | | | | | |
| 1993-92 | V6-3.0 | Upstream | F | 24502 | |
| | | | R | 24502 | |
| | | Downstream | Calif. | 24579 | |
| 1991-90 | V6-2.5 | Upstream | Flange Type O2 | 24536 | |
| | | | Screw Type O2 | 24135 | |
| GS Series (GS200t, 300, 350, 400, 430, 450h, 460, GS F) | | | | | |
| 2017-16 | L4-2.0 | Upstream | | 24782 | |
| | | Downstream | | 24170 | |
| | V6-3.5 | Upstream | LH | | 24833 |
| | | | RH | | 24828 |
| | | Downstream | LH | GS350; AWD | 24785 |
| | | | | GS350; RWD | 24131 |
| | | | | GS450 | 24677 |
| | | | RH | GS350 | 24131 |
| | V8-5.0 | Upstream | LH | | 24833 |
| | | | | | 24833 |
| | | | RH | | 24605 |
| | | Downstream | LH | | 24605 |
| | | | | 24605 | |
| RH | | | | 24605 | |
| 2015 | V6-3.5 | Upstream | LH | GS350; 6-Speed A/T | 24849 |
| | | | | GS350; 8-Speed A/T | 24828 |
| | | | | GS450h | 24833 |
| | | Downstream | RH | | 24828 |
| | | | LH | GS350; AWD | 24566 |
| | | | | GS350; RWD | 24605 |
| 2014 | V6-3.5 | Upstream | LH | GS350; 6-Speed A/T | 24849 |
| | | | | GS350; 8-Speed A/T | 24828 |
| | | | | GS450h | 24828 |
| | | Downstream | RH | | 24828 |
| | | | LH | GS350; AWD | 24566 |
| | | | | GS350; RWD | 24605 |
| 2013 | V6-3.5 | Upstream | LH | GS350; AWD | 24828 |
| | | | | GS350; RWD | 24849 |
| | | | | GS450h | 24828 |
| | | Downstream | LH | GS350; AWD | 24566 |
| | | | | GS350; RWD | 24605 |
| | | | | GS450 | 24677 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|---------------|------------|-------|
| LEXUS (Cont'd) | | | | | |
| GS Series (GS200t, 300, 350, 400, 430, 450h, 460, GS F) (Cont'd) | | | | | |
| 2013 | V6-3.5 | Upstream | RH | 24828 | |
| | | Downstream | LH | GS350; AWD | |
| | | | | GS350; RWD | |
| | | | | GS450 | |
| 2011-08 | V6-3.5 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | GS350; AWD | |
| | | | | GS350; RWD | |
| | | | GS450 | | |
| | V8-4.6 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24579 | |
| | | | | 24579 | |
| | | | RH | 24579 | |
| | | | 24579 | | |
| 2007 | V6-3.5 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | GS350; AWD | |
| | | | | GS350; RWD | |
| | | | | GS450 | |
| | | | RH | 24840 | |
| | V8-4.3 | Upstream | LH | 24560 | |
| | | | RH | 24564 | |
| | | Downstream | LH | 24840 | |
| | | | | 24840 | |
| | | | RH | 24840 | |
| | | | | 24840 | |
| | | | RH | 24840 | |
| | | | | 24840 | |
| 2006 | V6-3.0 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | AWD | |
| | | | | RWD | |
| | V8-4.3 | Upstream | LH | 24560 | |
| | | | RH | 24564 | |
| Downstream | | LH | 24840 | | |
| | | RH | 24840 | | |
| 2005 | L6-3.0 | Upstream | Cyls. 1-3 | 24549 | |
| | | | Cyls. 4-6 | 24564 | |
| | | Downstream | Cyls. 1-3 | 24581 | |
| | | | Cyls. 4-6 | 24808 | |
| | | V8-4.3 | Upstream | LH | 24560 |
| | | | | RH | 24564 |
| | Downstream | | LH | 24840 | |
| | | | RH | 24840 | |
| | 2004-01 | L6-3.0 | Upstream | Cyls. 1-3 | 24549 |
| | | | | Cyls. 4-6 | 24564 |
| Downstream | | | Cyls. 1-3 | 24581 | |
| | | | Cyls. 4-6 | 24808 | |
| V8-4.3 | | | Upstream | LH | 24560 |
| | | | | RH | 24564 |
| | | Downstream | LH | 24605 | |
| | | | RH | 24605 | |
| 2000 | | L6-3.0 | Upstream | Cyls. 1-3 | 24549 |
| | | | | Cyls. 4-6 | 24564 |
| | Downstream | | Cyls. 1-3 | 24581 | |
| | | | Cyls. 4-6 | 24808 | |
| | V8-4.0 | | Upstream | LH | 24560 |
| | | | | RH | 24560 |
| | | Downstream | LH | 24605 | |
| | | | RH | 24605 | |
| | 1999-98 | L6-3.0 | Upstream | Cyls. 1-3 | 24549 |
| | | | | Cyls. 4-6 | 24564 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|-------------------|---------------|---------------|-------------------|-------------|
| LEXUS (Cont'd) | | | | | |
| GS Series (GS200t, 300, 350, 400, 430, 450h, 460, GS F) (Cont'd) | | | | | |
| 1999-98 | L6-3.0 | Downstream | Cyls. 1-3 | 24547 | |
| | | | Cyls. 4-6 | 24807 | |
| | | V8-4.0 | Upstream | LH | 24560 |
| | RH | | | 24560 | |
| | Downstream | | LH | 24605 | |
| | 1997-95 | L6-3.0 | Upstream | Cyls. 1-3 | 24594 |
| Cyls. 4-6 | | | | 24594 | |
| Downstream | | | | 24579 | |
| 1994-93 | | L6-3.0 | Upstream | Federal | 24504 |
| | | | | Cyls. 1-3; Calif. | 24594 |
| Downstream | Cyls. 4-6; Calif. | | 24594 | | |
| | Calif. | | 24579 | | |
| | | Federal | 24839 | | |
| GX Series (GX460, GX470) | | | | | |
| 2017-14 | V8-4.6 | Upstream | LH | 24849 | |
| | | | RH | 24849 | |
| | | Downstream | LH | 24780 | |
| | | | RH | 24560 | |
| 2013-10 | V8-4.6 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24594 | |
| | | | RH | 24560 | |
| 2009-05 | V8-4.7 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24594 | |
| | | | RH | 24594 | |
| 2004-03 | V8-4.7 | Upstream | LH | 24560 | |
| | | | RH | 24560 | |
| | | Downstream | LH | 24594 | |
| | | | RH | 24594 | |
| HS Series (HS250h) | | | | | |
| 2012-10 | L4-2.4 | Upstream | | 24833 | |
| | | Downstream | | 24677 | |
| IS Series (IS200t, 250, 300, 350, IS F) | | | | | |
| 2017-16 | L4-2.0 | Upstream | | 24782 | |
| | | | Downstream | | |
| | | V6-3.5 | Upstream | LH | 24828 |
| | | | | RH | 24828 |
| | Downstream | | LH | IS300 | |
| | | | | IS350; AWD | |
| | | | | IS350; RWD | |
| | | | RH | 24605 | |
| | 2015 | V6-2.5 | Upstream | LH | Convertible |
| | | | | | Sedan |
| RH | | | | 24828 | |
| Downstream | | | LH | Convertible | |
| | | | | Sedan; AWD | |
| | | | | Sedan; RWD | |
| V6-3.5 | | Upstream | LH | Convertible | |
| | | | | Sedan | |
| | | Downstream | LH | Convertible | |
| | | | | Sedan; AWD | |
| 2015 | V6-2.5 | Upstream | LH | Convertible | |
| | | | | Sedan | |
| | Downstream | LH | Convertible | | |
| | | | Sedan | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|---|------------|----------------|----------------|----------------|----------------|--------|-------|
| LEXUS (Cont'd) | | | | | | | |
| IS Series (IS200t, 250, 300, 350, IS F) (Cont'd) | | | | | | | |
| 2014 | V6-2.5 | Upstream | LH Convertible | 24849 | | | |
| | | | Sedan | 24828 | | | |
| | | | RH | 24828 | | | |
| | | | Downstream | LH Convertible | 24840 | | |
| | | | | Sedan; AWD | 24566 | | |
| | | | | Sedan; RWD | 24605 | | |
| | | Downstream | RH Convertible | 24840 | | | |
| | | | Sedan | 24605 | | | |
| | | | V6-3.5 | Upstream | LH Convertible | 24849 | |
| | | | | | Sedan | 24828 | |
| | | | | | RH | 24828 | |
| | | | | Downstream | LH Convertible | 24840 | |
| | Sedan; AWD | 24566 | | | | | |
| | Sedan; RWD | 24605 | | | | | |
| | Downstream | RH Convertible | 24840 | | | | |
| | | Sedan | 24605 | | | | |
| | | V8-5.0 | Upstream | LH | 24833 | | |
| | | | | RH | 24833 | | |
| | | | Downstream | LH | 24840 | | |
| | | | | RH | 24840 | | |
| | 2013 | | | V6-2.5 | Upstream | LH AWD | 24828 |
| | | | | | | RWD | 24849 |
| | | RH | 24828 | | | | |
| | | Downstream | LH AWD | | 24842 | | |
| RWD | | | 24840 | | | | |
| RH | | | 24840 | | | | |
| V6-3.5 | | Upstream | LH AWD | 24828 | | | |
| | | | RWD | 24849 | | | |
| | | | RH | 24828 | | | |
| | | Downstream | LH AWD | 24842 | | | |
| | | | RWD | 24840 | | | |
| | | | RH | 24840 | | | |
| V8-5.0 | Upstream | LH | 24833 | | | | |
| | | RH | 24833 | | | | |
| | Downstream | LH | 24840 | | | | |
| | | RH | 24840 | | | | |
| | | 2012 | V6-2.5 | Upstream | LH | 24833 | |
| | | | | | RH | 24661 | |
| Downstream | LH AWD | | | 24842 | | | |
| | RWD | | | 24840 | | | |
| | RH | | | 24840 | | | |
| | V6-3.5 | | | Upstream | LH | 24833 | |
| RH | | | 24661 | | | | |
| Downstream | | | LH AWD | 24842 | | | |
| | | | RWD | 24840 | | | |
| | | | RH | 24840 | | | |
| | | | V8-5.0 | Upstream | LH | 24661 | |
| RH | 24661 | | | | | | |
| Downstream | LH | 24840 | | | | | |
| | RH | 24840 | | | | | |
| | 2011 | V6-2.5 | | Upstream | LH | 24833 | |
| | | | | | RH | 24661 | |
| Downstream | | | LH AWD | 24842 | | | |
| | | | RWD | 24840 | | | |
| | | | RH | 24840 | | | |
| | | | V6-3.5 | Upstream | LH | 24833 | |
| RH | | 24833 | | | | | |
| Downstream | | LH AWD | | 24842 | | | |
| | | RWD | | 24840 | | | |
| | | RH | | 24840 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|---|------------|---|---------------|----------|------------|-----------|-------|
| LEXUS (Cont'd) | | | | | | | |
| IS Series (IS200t, 250, 300, 350, IS F) (Cont'd) | | | | | | | |
| 2011 | V8-5.0 | Upstream | LH | 24661 | | | |
| | | | RH | 24661 | | | |
| | | Downstream | LH | 24840 | | | |
| | | | RH | 24840 | | | |
| | | 2010-08 | V6-2.5 | Upstream | LH | 24833 | |
| | | | | | RH | 24833 | |
| | | | Downstream | LH AWD | 24842 | | |
| | | | | RWD | 24840 | | |
| | | | | RH | 24840 | | |
| | | | | V6-3.5 | Upstream | LH | 24833 |
| | | RH | 24833 | | | | |
| | | Downstream | LH | | 24840 | | |
| | RH | | 24840 | | | | |
| | V8-5.0 | | Upstream | | LH | 24661 | |
| | | | | | RH | 24661 | |
| | | Downstream | LH | 24840 | | | |
| | | | RH | 24840 | | | |
| | | | 2007-06 | V6-2.5 | Upstream | LH | 24833 |
| | | | | | | RH | 24833 |
| | Downstream | LH AWD | | | 24842 | | |
| | | RWD | | | 24840 | | |
| | | RH | | | 24840 | | |
| | | V6-3.5 | | | Upstream | LH | 24833 |
| | RH | | | 24833 | | | |
| Downstream | LH | | | 24840 | | | |
| | RH | | | 24840 | | | |
| | 2005-01 | | | L6-3.0 | Upstream | Cyls. 1-3 | 24547 |
| | | | | | | Cyls. 4-6 | 24564 |
| Downstream | | Cyls. 1-3 | | 24565 | | | |
| | | Cyls. 4-6 | 24807 | | | | |
| | | LS Series (LS400, 430, 460, 500, 500h, 600h) | | | | | |
| | | 2017 | V8-4.6 | Upstream | LH | 24828 | |
| RH | 24828 | | | | | | |
| Downstream | LH AWD | | | 24677 | | | |
| | RWD | | | 24605 | | | |
| | RH | | | 24605 | | | |
| | 2016 | | | V8-4.6 | Upstream | LH | 24828 |
| RH | | 24828 | | | | | |
| Downstream | | LH AWD | 24677 | | | | |
| | | RWD | 24605 | | | | |
| | | RH | 24605 | | | | |
| | | V8-5.0 | Upstream | | LH | 24828 | |
| RH | | | | 24828 | | | |
| Downstream | | | LH | 24796 | | | |
| | | | 2015-14 | V8-4.6 | Upstream | LH | 24828 |
| | | | | | | RH | 24828 |
| | | | | | Downstream | LH AWD | 24677 |
| RWD | | 24605 | | | | | |
| RH | 24605 | | | | | | |
| V8-5.0 | Upstream | LH | | | | 24833 | |
| | | RH | | 24833 | | | |
| | Downstream | LH | | 24560 | | | |
| | | RH | | 24605 | | | |
| | | 2013-09 | | V8-4.6 | Upstream | LH AWD | 24833 |
| | | | | | | RWD | 24661 |
| Downstream | LH | | | | 24833 | | |
| | RH | | 24833 | | | | |
| | Downstream | | LH AWD | | 24677 | | |
| | | | RWD | | 24605 | | |
| V8-4.6 | Upstream | | LH | 24833 | | | |
| | | | RH | 24833 | | | |
| | Downstream | | LH AWD | 24677 | | | |
| | | | RWD | 24605 | | | |
| | | | RH | 24605 | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|--------|---------------|---------------|--------|
| LEXUS (Cont'd) | | | | |
| LS Series (LS400, 430, 460, 500, 500h, 600h) (Cont'd) | | | | |
| 2013-09 | V8-5.0 | Upstream | LH | 24833 |
| | | | RH | 24833 |
| | | Downstream | LH | 24560 |
| | | | RH | 24605 |
| 2008 | V8-4.6 | Upstream | LH | 24661 |
| | | | RH | 24833 |
| | | Downstream | LH | 24605 |
| | | | RH | 24605 |
| | V8-5.0 | Upstream | LH | 24833 |
| | | | RH | 24833 |
| | | Downstream | LH | 24560 |
| | | | RH | 24605 |
| 2007 | V8-4.6 | Upstream | LH | 24661 |
| | | | RH | 24833 |
| | | Downstream | LH | 24605 |
| | | | RH | 24605 |
| 2006-01 | V8-4.3 | Upstream | LH | 24560 |
| | | | RH | 24564 |
| | | Downstream | LH | 24649 |
| | | | RH | 24649 |
| 2000-95 | V8-4.0 | Upstream | LH | 24560 |
| | | | RH | 24560 |
| | | Downstream | LH | 24808 |
| | | | RH | 24808 |
| 1994-93 | V8-4.0 | Upstream | LH | 24563 |
| | | | RH | 24563 |
| | | Downstream | LH | 24509 |
| | | | RH | 24509 |
| 1992-90 | V8-4.0 | Upstream | LH | 24563 |
| | | | RH | 24563 |
| | | Downstream | LH | 24507 |
| | | | RH | 24507 |
| LX Series (LX450, 470, 570) | | | | |
| 2017-16 | V8-5.7 | Upstream | LH | 24828 |
| | | | RH | 24828 |
| | | Downstream | LH | 24780 |
| | | | RH | 24560 |
| 2015-14 | V8-5.7 | Upstream | LH | 24849 |
| | | | RH | 24849 |
| | | Downstream | LH | 24780 |
| | | | RH | 24560 |
| 2013 | V8-5.7 | Upstream | LH | 24849 |
| | | | RH | 24849 |
| | | Downstream | LH | 24594 |
| | | | RH | 24560 |
| 2011-08 | V8-5.7 | Upstream | LH | 24833 |
| | | | RH | 24833 |
| | | Downstream | LH | 24594 |
| | | | RH | 24560 |
| 2007-06 | V8-4.7 | Upstream | LH | 24833 |
| | | | RH | 24833 |
| | | Downstream | LH | 24594 |
| | | | RH | 24594 |
| 2005 | V8-4.7 | Upstream | LH To 5/05 | 24560 |
| | | | LH From 5/05 | 24833 |
| | | Downstream | RH To 5/05 | 24560 |
| | | | RH From 5/05 | 24833 |
| | | Downstream | LH To 5/05 | 24554 |
| | | | LH From 5/05 | 24594 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|--------|---------------|-------------------|----------|
| LEXUS (Cont'd) | | | | |
| LX Series (LX450, 470, 570) (Cont'd) | | | | |
| 2005 | V8-4.7 | Downstream | RH To 5/05 | 24554 |
| | | | RH From 5/05 | 24594 |
| 2004-98 | V8-4.7 | Upstream | LH | 24560 |
| | | | RH | 24560 |
| | | Downstream | LH | 24554 |
| | | | RH | 24554 |
| 1997-96 | L6-4.5 | Upstream | | 24557 |
| | | | Downstream | 24553 |
| NX Series (NX200t, NX300h) | | | | |
| 2017-15 | L4-2.0 | Upstream | | 24828 |
| | | | Downstream | 24156 |
| | | L4-2.5 | Upstream | 24827 |
| | | | Downstream | 24082 |
| RC Series (RC200t, 300, 350, RC F) | | | | |
| 2017-16 | L4-2.0 | Upstream | | 24782 |
| | | | Downstream | 24170 |
| | V6-3.5 | Upstream | LH | 24828 |
| | | | RH | 24828 |
| | | Downstream | LH AWD | 24566 |
| | | | RH RWD | 24605 |
| | | | RH | 24605 |
| | | | V8-5.0 | Upstream |
| RH | 24833 | | | |
| | | Downstream | LH | 24605 |
| | | | RH | 24605 |
| 2015 | V6-3.5 | Upstream | LH | 24828 |
| | | | RH | 24828 |
| | | Downstream | LH AWD | 24566 |
| | | | RH RWD | 24605 |
| | | | RH | 24605 |
| | | | V8-5.0 | Upstream |
| RH | 24833 | | | |
| | | Downstream | LH | 24605 |
| | | | RH | 24605 |
| RX Series (RX300, 330, 350, 400h, 450h) | | | | |
| 2017-16 | V6-3.5 | Upstream | F | 24827 |
| | | | R JPN Prod | 24802 |
| | | | N.A. Prod | 24662 |
| | | | Downstream | F |
| R | 24794 | | | |
| 2015 | V6-3.5 | Upstream | F Gas; JPN Prod. | 24662 |
| | | | F Gas; N.A. Prod. | 24851 |
| | | | Hybrid | 24851 |
| | | | R Gas; JPN Prod. | 24827 |
| | | | R Gas; N.A. Prod. | 24851 |
| | | | Hybrid | 24851 |
| | | Downstream | F | 24834 |
| | | | R | 25721 |
| 2014-12 | V6-3.5 | Upstream | F | 24851 |
| | | | R | 24851 |
| | | Downstream | F Gas | 24677 |
| | | | F Hybrid | 24834 |
| | | | R | 25721 |
| | | | 2011 | V6-3.5 |
| F Gas; N.A. Prod. | 24851 | | | |
| | | | Hybrid | 24851 |
| | | | R Gas; JPN Prod. | 24827 |
| | | | R Gas; N.A. Prod. | 24851 |
| | | | Hybrid | 24851 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|--------|---------------|---------------|--------|-------|
| LEXUS (Cont'd) | | | | | |
| RX Series (RX300, 330, 350, 400h, 450h) (Cont'd) | | | | | |
| 2011 | V6-3.5 | Downstream | F Gas | 24677 | |
| | | | Hybrid | 24834 | |
| | | | R | 25721 | |
| 2010 | V6-3.5 | Upstream | F | 24837 | |
| | | | R | 24827 | |
| | | Downstream | F | 24677 | |
| | | | R | 25721 | |
| 2009 | V6-3.5 | Upstream | F | 24662 | |
| | | | R | 24827 | |
| | | Downstream | F | 24677 | |
| | | | R | 25721 | |
| | | | | | |
| 2008 | V6-3.3 | Upstream | F | 24833 | |
| | | | R | 24661 | |
| | | Downstream | F | 24677 | |
| | | | R | 25721 | |
| | V6-3.5 | Upstream | F | 24662 | |
| | | | R | 24827 | |
| | | Downstream | F | 24677 | |
| | | | R | 25721 | |
| | 2007 | V6-3.3 | Upstream | F | 24827 |
| | | | | R | 24663 |
| Downstream | | | F | 24677 | |
| | | | R | 25721 | |
| V6-3.5 | | Upstream | F | 24662 | |
| | | | R | 24827 | |
| | | Downstream | F | 24677 | |
| | | | R | 25721 | |
| 2006 | V6-3.3 | Upstream | F | 24827 | |
| | | | R Hybrid | 24663 | |
| | | | Gas | 24827 | |
| | | Downstream | F | 24677 | |
| | | | R | 25721 | |
| 2005-04 | V6-3.3 | Upstream | F | 24827 | |
| | | | R | 24827 | |
| | | Downstream | F | 24677 | |
| | | | R | 25721 | |
| 2003-99 | V6-3.0 | Upstream | F | 25697 | |
| | | | R | 25697 | |
| | | Downstream | | 24567 | |
| SC Series (SC300, 400, 430) | | | | | |
| 2010-06 | V8-4.3 | Upstream | LH | 24560 | |
| | | | RH | 24564 | |
| | | Downstream | LH | 24841 | |
| | | | RH | 24841 | |
| 2005-02 | V8-4.3 | Upstream | LH | 24560 | |
| | | | RH | 24564 | |
| | | Downstream | LH | 24649 | |
| | | | RH | 24649 | |
| 2000-98 | L6-3.0 | Upstream | Cyls. 1-3 | 24547 | |
| | | | Cyls. 4-6 | 24564 | |
| | | Downstream | Cyls. 1-3 | 24605 | |
| | | | Cyls. 4-6 | 24547 | |
| | V8-4.0 | Upstream | LH | 24560 | |
| | | | RH | 24560 | |
| | | Downstream | LH | 24808 | |
| | | | RH | 24808 | |
| 1997-96 | L6-3.0 | Upstream | Cyls. 1-3 | 24581 | |
| | | | Cyls. 4-6 | 24581 | |
| | | Downstream | | 24555 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|----------------------|--------|-------|
| LEXUS (Cont'd) | | | | | |
| SC Series (SC300, 400, 430) (Cont'd) | | | | | |
| 1997-96 | V8-4.0 | Upstream | LH | 24560 | |
| | | | RH | 24560 | |
| | | Downstream | LH | 24808 | |
| | | | RH | 24808 | |
| 1995 | L6-3.0 | Upstream | Cyls. 1-3 | 24581 | |
| | | | Cyls. 4-6 | 24504 | |
| | V8-4.0 | Downstream | | 24555 | |
| | | | | | |
| | | Upstream | LH | 24563 | |
| | | | RH | 24563 | |
| 1994 | L6-3.0 | Upstream | Cyls. 1-3; From 1/94 | 24581 | |
| | | | Cyls. 4-6; From 1/94 | 24504 | |
| | Downstream | | 24504 | | |
| | | | | | |
| V8-4.0 | Upstream | LH | 24563 | | |
| | | RH | 24563 | | |
| | Downstream | LH | 24561 | | |
| | | RH | 24561 | | |
| 1993-92 | L6-3.0 | Upstream | | 24504 | |
| | | | Downstream | 24555 | |
| | V8-4.0 | Upstream | LH | 24563 | |
| | | | RH | 24563 | |
| | | Downstream | LH | 24561 | |
| | | | RH | 24561 | |
| LINCOLN | | | | | |
| Aviator | | | | | |
| 2005-03 | V8-4.6 | Upstream | LH | 22060 | |
| | | | RH | 22060 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| Blackwood | | | | | |
| 2002 | V8-5.4 | Upstream | LH | 22060 | |
| | | | RH | 22060 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| Continental, Premier | | | | | |
| 2018-17 | V6-2.7 | Upstream | LH | 24334 | |
| | | | RH | 24334 | |
| | | Downstream | LH | 22052 | |
| | | | RH | 22052 | |
| | | V6-3.0 | Upstream | LH | 24334 |
| | | | | RH | 24334 |
| | Downstream | | LH | 22052 | |
| | | | RH | 22052 | |
| | V6-3.7 | Upstream | LH | 27014 | |
| | | | RH | 27014 | |
| | | Downstream | LH | 22052 | |
| | | | RH | 22052 | |
| | | | | | |
| | | | | | |
| 2002-98 | V8-4.6 | Upstream | LH | 22060 | |
| | | | RH | 22060 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| 1997 | V8-4.6 | Upstream | LH | 22016 | |
| | | | RH | 22016 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| 1996-95 | V8-4.6 | Upstream | | 22500 | |
| | | Downstream | | 22016 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--------------------------------------|----------|---------------|---------------|--------|
| LINCOLN (Cont'd) | | | | |
| Continental, Premier (Cont'd) | | | | |
| 1994-91 | V6-3.8 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| 1990-88 | V6-3.8 | Upstream | LH | 22013 |
| | | | RH | 22013 |
| 1987 | V8-5.0 | Upstream | LH | 22013 |
| | | | RH | 22013 |
| 1986 | V8-5.0 | Upstream | | 22014 |
| 1985-82 | All Engs | Upstream | | 23552 |
| 1980 | All Engs | Upstream | | 23552 |
| LS | | | | |
| 2006 | V8-3.9 | Upstream | LH | 22060 |
| | | | RH | 22060 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 2005-00 | V6-3.0 | Upstream | LH | 22060 |
| | | | RH | 22060 |
| | | Downstream | LH | 22500 |
| | RH | | 22500 | |
| | V8-3.9 | Upstream | LH | 22060 |
| | | | RH | 22060 |
| Downstream | | LH | 22500 | |
| 2008-06 | V8-5.4 | Upstream | LH | 22524 |
| | | | RH | 22524 |
| | | Downstream | LH | 22524 |
| | | | RH | 22524 |
| Mark LT | | | | |
| Mark Series (II - VIII) | | | | |
| 1998-96 | V8-4.6 | Upstream | | 22016 |
| | | Downstream | | 22500 |
| 1995-93 | V8-4.6 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| 1992-88 | V8-5.0 | Upstream | LH | 22013 |
| | | | RH | 22013 |
| 1987 | V8-5.0 | Upstream | LH VIN F | 22013 |
| | | | VIN M | 22014 |
| | | | RH VIN F | 22013 |
| | | | VIN M | 22014 |
| 1986 | V8-5.0 | Upstream | | 22014 |
| 1985-84 | V8-5.0 | Upstream | Base | 23552 |
| | | | Bill Blass | 23552 |
| | | | Versace | 23552 |
| | | | LSC | 22014 |
| 1983-82 | All Engs | Upstream | | 23552 |
| 1981 | V8-5.0 | Upstream | | 23552 |
| 1980 | All Engs | Upstream | | 23552 |
| MKC | | | | |
| 2018-17 | L4-2.0 | Upstream | | 24334 |
| | | Downstream | | 22542 |
| | L4-2.3 | Upstream | | 24334 |
| | | Downstream | | 22542 |
| 2016-15 | L4-2.0 | Upstream | | 24325 |
| | | Downstream | | 22536 |
| | L4-2.3 | Upstream | | 24348 |
| | | Downstream | | 22536 |
| MKS | | | | |
| 2016 | V6-3.5 | Upstream | LH | 24348 |
| | | | RH | 24348 |
| | | Downstream | LH | 22134 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|------------|---------------|--|--|-------|
| LINCOLN (Cont'd) | | | | | |
| MKS (Cont'd) | | | | | |
| 2016 | V6-3.5 | Downstream | RH | 22139 | |
| | | | | | |
| | V6-3.7 | Upstream | LH | 27014 | |
| | | | RH | 27014 | |
| | | Downstream | LH | 22052 | |
| | | | RH | 22052 | |
| 2015-13 | V6-3.5 | Upstream | LH | 24348 | |
| | | | RH | 24348 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22139 | |
| | V6-3.7 | Upstream | LH | 24397 | |
| | | | RH | 24397 | |
| | | Downstream | LH | 22135 | |
| | | | RH | 22135 | |
| 2012 | V6-3.5 | Upstream | LH | 24348 | |
| | | | RH | 24348 | |
| | | Downstream | LH | 22500 | |
| | RH | | 22139 | | |
| | V6-3.7 | Upstream | LH | 24325 | |
| | | | RH | 24325 | |
| Downstream | | LH | 22134 | | |
| 2011 | V6-3.5 | Upstream | LH | 24348 | |
| | | | RH | 24348 | |
| | | Downstream | LH | 22500 | |
| | V6-3.7 | Upstream | LH | 24348 | |
| | | | | Build Date Before 6/1/10 | 24348 |
| | | | | Build Date From 6/2/10 | 24325 |
| | | Downstream | LH | 22134 | |
| | | | RH | 22134 | |
| | | Upstream | LH | 24348 | |
| | | | RH | 24348 | |
| 2010 | V6-3.5 | Upstream | LH | 24348 | |
| | | | RH | 24348 | |
| | | Downstream | LH | 22500 | |
| | V6-3.7 | Upstream | LH | 24325 | |
| | | | RH | 24325 | |
| | | Downstream | LH | 22500 | |
| 2009 | V6-3.7 | Upstream | LH | 24325 | |
| | | | RH | 24325 | |
| | | Downstream | LH | 22500 | |
| | RH | | 22500 | | |
| | MKT | | | | |
| | 2018 | V6-3.7 | Upstream | LH | 27014 |
| RH | | | | 27014 | |
| Downstream | | | LH | Mid & High Trim Versions; 17.75" Lgth | 22052 |
| | | | RH | Mid & High Trim Versions; 17.75" Lgth | 22052 |
| 2017 | V6-3.5 | Upstream | LH | 24348 | |
| | | | RH | 24348 | |
| | | Downstream | LH | 22134 | |
| | RH | | 22139 | | |
| | V6-3.7 | Upstream | LH | 27014 | |
| | | | RH | 27014 | |
| Downstream | | LH | Mid & High Trim Versions; 17.75" Lgth | 22052 | |
| 2016 | L4-2.0 | Upstream | RH | Mid & High Trim Versions; 17.75" Lgth | 22052 |
| | | | | | 24334 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|-------------------------|------------|---------------|---------------|--|----------|----|-------|
| LINCOLN (Cont'd) | | | | | | | |
| MKT (Cont'd) | | | | | | | |
| 2016 | L4-2.0 | Downstream | | 22542 | | | |
| | | | | 24348 | | | |
| | V6-3.5 | Upstream | LH | 24348 | | | |
| | | | RH | 24348 | | | |
| | | Downstream | LH | 22134 | | | |
| | | | RH | 22139 | | | |
| | V6-3.7 | Upstream | LH | 27014 | | | |
| | | | RH | 27014 | | | |
| | | Downstream | LH | Mid & High Trim Versions; 17.75" Lgth | 22052 | | |
| | | | RH | Mid & High Trim Versions; 17.75" Lgth | 22052 | | |
| 2015-13 | L4-2.0 | Upstream | | 24325 | | | |
| | | | Downstream | | 22536 | | |
| | V6-3.5 | Upstream | | LH | 24348 | | |
| | | | RH | 24348 | | | |
| | | Downstream | LH | 22134 | | | |
| | | | RH | 22139 | | | |
| | V6-3.7 | Upstream | LH | 24397 | | | |
| | | | RH | 24397 | | | |
| | | Downstream | LH | MKT Hearse; Heavy Duty Chassis | 22140 | | |
| | | | | MKT SUV; Light Duty Chassis | 22135 | | |
| | | | RH | MKT Hearse; Heavy Duty Chassis | 22140 | | |
| | | | | MKT SUV; Light Duty Chassis | 22135 | | |
| | 2012-11 | V6-3.5 | Upstream | LH | 24348 | | |
| | | | | RH | 24348 | | |
| Downstream | | | LH | 22134 | | | |
| | | | RH | 22139 | | | |
| V6-3.7 | | Upstream | LH | 24325 | | | |
| | | | RH | 24325 | | | |
| | | Downstream | LH | 22134 | | | |
| | | | RH | 22134 | | | |
| | | | 2010 | V6-3.5 | Upstream | LH | 24348 |
| | | | | | | RH | 24348 |
| Downstream | LH | 22500 | | | | | |
| | RH | 22009 | | | | | |
| V6-3.7 | Upstream | LH | | 24325 | | | |
| | | RH | | 24325 | | | |
| | Downstream | LH | 22500 | | | | |
| | | RH | 22500 | | | | |
| MKX | | | | | | | |
| 2018-16 | V6-2.7 | Upstream | LH | 24334 | | | |
| | | | RH | 24334 | | | |
| | | Downstream | LH | 22052 | | | |
| | | | RH | 22052 | | | |
| | V6-3.7 | Upstream | LH | 27014 | | | |
| | | | RH | 27014 | | | |
| | | Downstream | LH | 22052 | | | |
| | | | RH | 22052 | | | |
| | | | 2015-12 | V6-3.7 | Upstream | LH | 24397 |
| | | | | | | RH | 24397 |
| Downstream | LH | 22134 | | | | | |
| | RH | 22134 | | | | | |
| 2011 | V6-3.7 | Upstream | | LH | 24387 | | |
| | | | | RH | 24387 | | |
| | | Downstream | LH | 22134 | | | |
| | | | RH | 22134 | | | |
| 2010-07 | V6-3.5 | Upstream | LH | 22046 | | | |
| | | | RH | 22046 | | | |
| | | Downstream | LH | 22500 | | | |
| | | | | 22500 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|--------|---------------|-------------------|--------|-------|
| LINCOLN (Cont'd) | | | | | |
| MKX (Cont'd) | | | | | |
| 2010-07 | V6-3.5 | Downstream | RH | 22500 | |
| MKZ, Zephyr | | | | | |
| 2018 | V6-3.0 | Upstream | LH | 24334 | |
| | | | RH | 24334 | |
| | | Downstream | LH | 22052 | |
| | | | RH | 22052 | |
| 2017 | L4-2.0 | Upstream | Non-Turbo; Hybrid | | 24348 |
| | | | Turbo; Gas | | 24334 |
| | | Downstream | Non-Turbo; Hybrid | | 22141 |
| | | | Turbo; Gas | | 22542 |
| | V6-3.0 | Upstream | LH | 24334 | |
| | | | RH | 24334 | |
| | | Downstream | LH | 22052 | |
| | | | RH | 22052 | |
| 2016-13 | L4-2.0 | Upstream | Non-Turbo; Hybrid | | 24348 |
| | | | Turbo; Gas | | 24325 |
| | | Downstream | Non-Turbo; Hybrid | | 22141 |
| | | | Turbo; Gas | | 22536 |
| | V6-3.7 | Upstream | LH | 24397 | |
| | | | RH | 24397 | |
| | | Downstream | LH | 22135 | |
| | | | RH | 22135 | |
| 2012-11 | L4-2.5 | Upstream | Hybrid | | 24348 |
| | | Downstream | Hybrid | | 22135 |
| | V6-3.5 | Upstream | LH | 22137 | |
| | | | RH | 22137 | |
| Downstream | | LH | 22134 | | |
| | | RH | 22134 | | |
| 2010-07 | V6-3.5 | Upstream | LH | 22046 | |
| | | | RH | 22046 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| 2006 | V6-3.0 | Upstream | LH | 22012 | |
| | | | RH | 22012 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| Navigator | | | | | |
| 2018 | V6-3.5 | Upstream | LH | 24334 | |
| | | | RH | 24328 | |
| | | Downstream | LH | 22540 | |
| | | | RH | 22540 | |
| 2017-15 | V6-3.5 | Upstream | LH | 24326 | |
| | | | RH | 24348 | |
| | | Downstream | LH | 22144 | |
| | | | RH | 22144 | |
| 2014-12 | V8-5.4 | Upstream | LH | 24326 | |
| | | | RH | 24348 | |
| | | Downstream | LH | 22537 | |
| | | | RH | 22537 | |
| 2011-09 | V8-5.4 | Upstream | LH | 24326 | |
| | | | RH | 24348 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| 2008-05 | V8-5.4 | Upstream | LH | 22524 | |
| | | | RH | 22524 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| 2004-03 | V8-5.4 | Upstream | LH | 22060 | |
| | | | RH | 22060 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---------------------------|------------|-------------------|-------------------|----------------------------|
| LINCOLN (Cont'd) | | | | |
| Navigator (Cont'd) | | | | |
| 2004-03 | V8-5.4 | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 2002-01 | V8-5.4 | Upstream | LH | 22524 |
| | | | RH | 22524 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 2000-99 | V8-5.4 | Upstream | LH | 22060 |
| | | | RH | 22060 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 1998 | V8-5.4 | Upstream | LH | 22500 |
| | | | RH | 22500 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| Town Car | | | | |
| 2011-07 | V8-4.6 | Upstream | LH | 22045 |
| | | | RH | 22045 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 2006 | V8-4.6 | Upstream | LH | To 12/5/05 From 12/5/05 |
| | | | RH | To 12/5/05 From 12/5/05 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 2005-98 | V8-4.6 | Upstream | LH | 22060 |
| | | | RH | 22060 |
| | | Downstream | LH | 22500 |
| 1997-96 | V8-4.6 | Upstream | | 22500 |
| | | | Downstream | |
| | | 1995-91 | V8-4.6 | Upstream |
| RH | 22500 | | | |
| 1990-87 | V8-5.0 | Upstream | LH | 22013 |
| | | | RH | 22013 |
| 1986 | V8-5.0 | Upstream | | 22014 |
| 1985-81 | V8-5.0 | Upstream | | 23552 |
| Versailles | | | | |
| 1980 | V8-5.0 | Upstream | | 23552 |
| MAZDA | | | | |
| 2 | | | | |
| 2014-11 | L4-1.5 | Upstream | | 24846 |
| | | Downstream | | 25670 |
| 3 | | | | |
| 2016-14 | L4-2.0 | Upstream | Mexico Built | 27008 |
| | | | JPN Built | 24369 |
| | | Downstream | | 24792 |
| | L4-2.5 | Upstream | Mexico Built | 27008 |
| | | | JPN Built | 24369 |
| | | Downstream | | 24792 |
| 2013-12 | L4-2.0 | Upstream | MEX | 24355 |
| | | | SkyActiv Eng | 24367 |
| | | | Non-SkyActiv Eng. | 24368 |
| | | | MEX | 24458 |
| | Downstream | SkyActiv Eng. | 24779 | |
| | | Non-SkyActiv Eng. | 24458 | |
| L4-2.3 | Upstream | | 24393 | |
| | Downstream | | 24442 | |
| L4-2.5 | Upstream | | 24395 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-----------------------|----------|--|--------------------------------|--|-------|
| MAZDA (Cont'd) | | | | | |
| 3 (Cont'd) | | | | | |
| 2013-12 | L4-2.5 | Downstream | MEX | 24458 | |
| | | | | 24460 | |
| 2011 | L4-2.0 | Upstream | Non-SkyActiv Eng; MEX | 24355 | |
| | | | SkyActiv Eng. | 24367 | |
| | | | Non-SkyActiv Eng; Calif. | 24391 | |
| | | | Non-SkyActiv Eng; Federal | 24355 | |
| | | | Downstream | Non-SkyActiv Eng; MEX | 24458 |
| | L4-2.3 | Upstream | SkyActiv Eng. | 24779 | |
| | | | Non-SkyActiv Eng. | 24458 | |
| | L4-2.5 | Upstream | | 24393 | |
| | | | Downstream | | 24442 |
| | L4-2.5 | Upstream | | 24395 | |
| Downstream | | | MEX | 24458 | |
| 2010 | L4-2.0 | Upstream | Calif. | 24391 | |
| | | | Federal | 24355 | |
| L4-2.3 | Upstream | Downstream | | 24458 | |
| | | Downstream | | 24393 | |
| L4-2.5 | Upstream | Downstream | | 24442 | |
| | | Downstream | | 24395 | |
| 2009-07 | L4-2.0 | Upstream | Federal | 24355 | |
| | | | Loc. in Mnfd; Calif. | 25669 | |
| | | | Intermediate | Loc. After Primary Cat; Calif. | 25670 |
| | | | Downstream | Federal | 24446 |
| | | | Loc. After Scndary Cat; Calif. | 25670 | |
| | L4-2.3 | Upstream | Calif; Non-Turbo | 25669 | |
| | | | Federal; Non-Turbo | 24355 | |
| | | | Turbo | 24357 | |
| | | | Intermediate | Loc. After Primary Cat; Calif; Non-Turbo | 25670 |
| | | | Downstream | Federal; Non-Turbo | 24446 |
| L4-2.3 | Upstream | Turbo | 24442 | | |
| | | Loc. After Scndary Cat; Calif; Non-Turbo | 25670 | | |
| | | Federal | 24355 | | |
| | | Loc. in Mnfd; Calif. | 25669 | | |
| | | Intermediate | Loc. After Primary Cat; Calif. | 25670 | |
| 2006 | L4-2.0 | Upstream | Federal | 24355 | |
| | | | Loc. in Mnfd; Calif. | 25669 | |
| | | | Intermediate | Loc. After Primary Cat; Calif. | 25670 |
| | | | Downstream | Federal | 24446 |
| | | | Loc. After Scndary Cat; Calif. | 25670 | |
| L4-2.3 | Upstream | Federal | 24355 | | |
| | | Loc. in Mnfd; Calif. | 25669 | | |
| | | Intermediate | Loc. After Primary Cat; Calif. | 25670 | |
| | | Downstream | Federal | 24446 | |
| | | Loc. After Scndary Cat; Calif. | 25670 | | |
| 2005-04 | L4-2.0 | Upstream | Federal | 24234 | |
| | | | Loc. in Mnfd; Calif. | 25669 | |
| | | | Intermediate | Loc. After Primary Cat; Calif. | 25670 |
| | | | Downstream | Federal | 24232 |
| | | | Loc. After Scndary Cat; Calif. | 25670 | |
| L4-2.3 | Upstream | Downstream | | 24234 | |
| | | Downstream | | 24232 | |
| 5 | | | | | |
| 2017-12 | L4-2.5 | Upstream | | 24396 | |
| | | Downstream | | 24460 | |
| 2010-08 | L4-2.3 | Upstream | | 24355 | |
| | | Downstream | | 24447 | |
| 2007-06 | L4-2.3 | Upstream | | 24234 | |
| | | Downstream | | 24232 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|------------|---|---|-----------------------|
| MAZDA (Cont'd) | | | | |
| 6 | | | | |
| 2017-14 | L4-2.5 | Upstream | | 24369 |
| | | Downstream | | 24792 |
| 2013-11 | L4-2.5 | Upstream | | 24358 |
| | | Downstream | | 22129 |
| | V6-3.7 | Upstream | F | 24387 |
| | | | R | 24387 |
| | Downstream | F | 22134 | |
| | | R | 22134 | |
| 2010-09 | L4-2.5 | Upstream | | 24358 |
| | | Downstream | | 22129 |
| | V6-3.7 | Upstream | F | 24384 |
| | | | R | 24384 |
| | Downstream | F | 22130 | |
| | | R | 22130 | |
| 2008 | L4-2.3 | Upstream | Calif; A/T | 25686 |
| | | | Calif; M/T | 24360 |
| | | | Federal | 24360 |
| | | Intermediate | Loc. After Primary Cat; Calif; A/T | 24697 |
| | | Downstream | Calif; M/T | 22018 |
| | | | Federal | 22018 |
| | | Loc. After Scndary Cat; Calif; A/T | 25670 | |
| | V6-3.0 | Upstream | F | 22115 |
| | | | R | 22118 |
| | | Downstream | F | 24444 |
| | | R | 24445 | |
| | 2007-06 | L4-2.3 | Upstream | Calif; Non-Turbo; A/T |
| Calif; Non-Turbo; M/T | | | | 24360 |
| Federal; Non-Turbo | | | | 24360 |
| Turbo | | | | 24354 |
| Intermediate | | | Loc. After Primary Cat; Calif; Non-Turbo; A/T | 24697 |
| Downstream | | | Calif; Non-Turbo; M/T | 22018 |
| | | Federal; Non-Turbo | 22018 | |
| | | Turbo | 24443 | |
| | | Loc. After Scndary Cat; Calif; Non-Turbo; A/T | 25670 | |
| V6-3.0 | | Upstream | F | 22115 |
| | | | R | 22118 |
| | | Downstream | F | 24444 |
| | R | 24445 | | |
| 2005 | L4-2.3 | Upstream | Calif; A/T | 25674 |
| | | | Calif; M/T | 22116 |
| | | | Federal | 22116 |
| | | Intermediate | Loc. After Primary Cat; Calif; A/T | 24678 |
| | | Downstream | Loc. After Scndary Cat; Calif; A/T | 24697 |
| | | | Calif; M/T | 22101 |
| | | Federal | 22101 | |
| | V6-3.0 | Upstream | F | 22115 |
| | | | R | 22118 |
| | | Downstream | F | 22100 |
| | R | 22097 | | |
| 2004-03 | L4-2.3 | Upstream | | 22116 |
| | | Downstream | | 22101 |
| | V6-3.0 | Upstream | F | 22115 |
| | | | R | 22118 |
| | | Downstream | F | 22100 |
| | | R | 22097 | |
| 323, GLC (Incl. 808 & Mizer) | | | | |
| 1995-94 | L4-1.6 | Upstream | | 22043 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|-------------------|---------------|--|--------------------|-------|
| MAZDA (Cont'd) | | | | | |
| 323, GLC (Incl. 808 & Mizer) (Cont'd) | | | | | |
| 1995-94 | L4-1.8 | Upstream | SOHC | 22043 | |
| | | | DOHC | 22502 | |
| 1993 | L4-1.6 | Upstream | | 22043 | |
| | | | | 22043 | |
| | L4-1.8 | Upstream | SOHC | 22043 | |
| | | | DOHC; To 7/1/93 | 22043 | |
| | DOHC; From 7/1/93 | 22502 | | | |
| 1992-90 | All Engs | Upstream | | 22043 | |
| 1989-83 | All Engs | Upstream | | 24006 | |
| 626 | | | | | |
| 2002-01 | L4-2.0 | Upstream | | 22114 | |
| | | | Downstream | 22104 | |
| | V6-2.5 | Upstream | F | 22117 | |
| | | | R | 22118 | |
| | | Downstream | F | 22096 | |
| | | | R | 22097 | |
| | 2000 | L4-2.0 | Upstream | Calif. | 22114 |
| | | | | Federal | 22103 |
| Downstream | | | Calif. | 22104 | |
| | | Federal | 22102 | | |
| V6-2.5 | | Upstream | Loc. in Frt Mnflid; Federal | 22090 | |
| | | | Loc. in Rear Mnflid; Federal | 22089 | |
| | | | Loc. in Exhaust Pipe Before Cat; Federal | 22092 | |
| | | | F Calif. | 22117 | |
| | | R Calif. | 22118 | | |
| | | Downstream | Loc. After Cat; Federal | 22094 | |
| | F Calif. | | 22096 | | |
| R Calif. | 22097 | | | | |
| 1999-98 | L4-2.0 | Upstream | Calif. | 22064 | |
| | | | Federal | 22098 | |
| | | Downstream | Calif. | 22091 | |
| | | | Federal | 22094 | |
| | V6-2.5 | Upstream | Loc. in Frt Mnflid | 22090 | |
| | | | Loc. in Rear Mnflid | 22089 | |
| | | Downstream | Loc. in Exhaust Pipe Before Cat. | 22092 | |
| | | | Loc. in Exhaust Pipe After Cat. | 22094 | |
| 1997 | L4-2.0 | Upstream | A/T | 22098 | |
| | | | M/T | 22033 | |
| | Downstream | | 22089 | | |
| | | V6-2.5 | Upstream | Loc. in Frt Mnflid | 22034 |
| Loc. in Rear Mnflid | 22033 | | | | |
| Loc. in Exhaust Pipe Before Cat. | 22092 | | | | |
| Downstream | Loc. After Cat. | 22094 | | | |
| | 1996 | L4-2.0 | Upstream | A/T | 22098 |
| M/T | | | | 22033 | |
| Downstream | | | 22089 | | |
| | | V6-2.5 | Upstream | F CAN Market | 22092 |
| R USA Market | 22034 | | | | |
| Downstream | R CAN Market | | 22088 | | |
| | F USA Market | | 22033 | | |
| | F USA Market | 22000 | | | |
| | R USA Market | 22088 | | | |
| 1995-94 | L4-2.0 | Upstream | | 22092 | |
| | | | | 22092 | |
| | V6-2.5 | Upstream | F Calif. | 24022 | |
| | | | Federal | 22092 | |
| | | Downstream | R Calif. | 24022 | |
| | | | Federal | 22088 | |
| 1993 | L4-2.0 | Upstream | | 22092 | |
| | | | | 22092 | |
| V6-2.5 | Upstream | F | 22092 | | |
| | | R | 22088 | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|------------------------|------------|---------------|------------------|------------------|------------------|-------|
| MAZDA (Cont'd) | | | | | | |
| 626 (Cont'd) | | | | | | |
| 1992-90 | L4-2.2 | Upstream | | 24010 | | |
| 1989 | L4-2.2 | Upstream | | 24006 | | |
| 1988-83 | All Engs | Upstream | | 24006 | | |
| 929 | | | | | | |
| 1995-92 | V6-3.0 | Upstream | LH | 24027 | | |
| | | | RH | 22092 | | |
| 1991-90 | V6-3.0 | Upstream | DOHC | 24015 | | |
| | | | SOHC | 22075 | | |
| 1989-88 | V6-3.0 | Upstream | | 22075 | | |
| B Series Pickup | | | | | | |
| 2010-09 | L4-2.3 | Upstream | | 22524 | | |
| | | | Downstream | w/22" Lead Lgth. | 22503 | |
| | | | | w/17" Lead Lgth | 22500 | |
| | V6-4.0 | Upstream | LH | 22524 | | |
| | | | RH | 22524 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| | 2008-07 | L4-2.3 | Upstream | | 22524 | |
| | | | | Downstream | w/22" Lead Lgth. | 22503 |
| | | | | | w/17" Lead Lgth | 22500 |
| V6-3.0 | | Upstream | LH | 22524 | | |
| | | | RH | 22524 | | |
| | | Downstream | LH | 22500 | | |
| | | | RH | 22500 | | |
| V6-4.0 | | Upstream | LH | 22524 | | |
| | | | RH | 22524 | | |
| | | Downstream | LH | 22500 | | |
| | RH | | 22500 | | | |
| | 2006-04 | L4-2.3 | Upstream | | 22524 | |
| | | | | Downstream | w/22" Lead Lgth. | 22503 |
| w/17" Lead Lgth | | | | | 22500 | |
| V6-3.0 | | Upstream | LH | 22524 | | |
| | | | RH | 22524 | | |
| | | Downstream | w/22" Lead Lgth. | 22503 | | |
| | | | w/17" Lead Lgth | 22500 | | |
| V6-4.0 | | Upstream | LH | 22524 | | |
| | | | RH | 22524 | | |
| | | Downstream | LH | w/22" Lead Lgth. | 22503 | |
| | RH | | w/22" Lead Lgth. | 22503 | | |
| | Downstream | LH | w/17" Lead Lgth | 22500 | | |
| | | RH | w/17" Lead Lgth | 22500 | | |
| 2003-02 | L4-2.3 | Upstream | | 22524 | | |
| | | | Downstream | | 22500 | |
| | V6-3.0 | Upstream | | LH | 22524 | |
| | | | RH | 22524 | | |
| | | Downstream | O2 w/10" Lgth | 22500 | | |
| | | | O2 w/21" Lgth | 22501 | | |
| | V6-4.0 | Upstream | LH | 22524 | | |
| | | | RH | 22524 | | |
| | | Downstream | O2 w/11" Lgth | 22500 | | |
| | | | O2 w/19" Lgth | 22503 | | |
| | | Downstream | O2 w/22" Lgth | 22501 | | |
| | | | | | | |
| | 2001 | L4-2.3 | Upstream | | 22524 | |
| | | | | Downstream | | 22500 |
| L4-2.5 | | Upstream | | | 22500 | |
| | | | Downstream | | 22503 | |
| V6-3.0 | | Upstream | | LH | 22524 | |
| | | | RH | 22524 | | |
| Downstream | | O2 w/10" Lgth | 22500 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------------|------------|---------------|---------------------|--------|-------|
| MAZDA (Cont'd) | | | | | |
| B Series Pickup (Cont'd) | | | | | |
| 2001 | V6-3.0 | Downstream | O2 w/21" Lgth | 22501 | |
| | | | Upstream | LH | 22524 |
| | RH | 22524 | | | |
| | Downstream | O2 w/11" Lgth | | 22500 | |
| | | O2 w/19" Lgth | 22503 | | |
| O2 w/22" Lgth | 22501 | | | | |
| 2000-98 | L4-2.5 | Upstream | | 22500 | |
| | | | Downstream | | 22503 |
| | V6-3.0 | Upstream | | LH | 22500 |
| | | | RH | 22500 | |
| | | Downstream | A/T | 22503 | |
| | | | M/T | 22501 | |
| | V6-4.0 | Upstream | LH | 22500 | |
| | | | RH | 22500 | |
| | | Downstream | A/T | 22503 | |
| | | | M/T | 22501 | |
| 1997 | L4-2.3 | Upstream | | 22500 | |
| | | | Downstream | | 22503 |
| | V6-3.0 | Upstream | | LH | 22500 |
| | | | RH | 22500 | |
| | | Downstream | A/T | 22503 | |
| | | | M/T | 22501 | |
| | V6-4.0 | Upstream | LH | 22500 | |
| | | | RH | 22500 | |
| | | Downstream | A/T | 22503 | |
| | | | M/T | 22501 | |
| 1996-95 | L4-2.3 | Upstream | | 22500 | |
| | | | Downstream | | 22503 |
| | V6-3.0 | Upstream | | LH | 22500 |
| | | | RH | 22500 | |
| | | Downstream | A/T | 22503 | |
| | | | M/T | 22501 | |
| | V6-4.0 | Upstream | LH | 22500 | |
| | | | RH | 22500 | |
| | | Downstream | LH | A/T | 22503 |
| | | | RH | A/T | 22503 |
| Downstream | | LH | M/T | 22501 | |
| | | RH | M/T | 22501 | |
| 1994 | L4-2.3 | Upstream | Calif. | 22500 | |
| | | | Federal | 22013 | |
| | V6-3.0 | Upstream | LH | 22503 | |
| | | | RH | 22503 | |
| | V6-4.0 | Upstream | LH | 22503 | |
| | | | RH | 22503 | |
| 1993-89 | All Engs | Upstream | 1-Wire | 22082 | |
| | | | 2-Wire | 24012 | |
| | | | 1-Wire (21" Length) | 24006 | |
| | | | 1-Wire (39" Length) | 22082 | |
| 1986 | L4-2.0 | Upstream | | 22082 | |
| CX-3 | | | | | |
| 2017-16 | L4-2.0 | Upstream | | 27068 | |
| | | | Downstream | | 24788 |
| CX-5 | | | | | |
| 2017 | L4-2.5 | Upstream | | 24369 | |
| | | | Downstream | | 24642 |
| 2016-14 | L4-2.0 | Upstream | | | 24369 |
| | | | Downstream | | 24792 |
| | L4-2.5 | Upstream | | | 24369 |
| | | | Downstream | | 24792 |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|----------------------------------|---------------------------------|---------------|---------------------|--------|
| MAZDA (Cont'd) | | | | |
| CX-5 (Cont'd) | | | | |
| 2013 | L4-2.0 | Upstream | | 24369 |
| | | Downstream | | 24792 |
| CX-7 | | | | |
| 2012-10 | L4-2.3 | Upstream | | 24392 |
| | | Downstream | | 24441 |
| | L4-2.5 | Upstream | | 24363 |
| | | Downstream | | 24173 |
| 2009-07 | L4-2.3 | Upstream | | 24356 |
| | | Downstream | | 24441 |
| CX-9 | | | | |
| 2017-16 | L4-2.5 | Upstream | | 27069 |
| | | Downstream | | 24642 |
| 2015-11 | V6-3.7 | Upstream | LH | 24387 |
| | | | RH | 24387 |
| | | Downstream | LH | 22134 |
| | | | RH | 22134 |
| 2010-08 | V6-3.7 | Upstream | LH | 22046 |
| | | | RH | 22046 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| 2007 | V6-3.5 | Upstream | LH | 22046 |
| | | | RH | 22046 |
| | | Downstream | LH | 22500 |
| | | | RH | 22500 |
| Miata, MX-5 Miata | | | | |
| 2017-16 | L4-2.0 | Upstream | | 27034 |
| | | Downstream | | 24788 |
| 2015-06 | L4-2.0 | Upstream | | 24829 |
| | | Downstream | | 24698 |
| 2005-04 | L4-1.8 | Upstream | Turbo | 22513 |
| | | | Non-Turbo | 22001 |
| | | Downstream | | 24684 |
| 2003-01 | L4-1.8 | Upstream | | 22001 |
| | | Downstream | | 24684 |
| 2000-99 | L4-1.8 | Upstream | Calif. | 22531 |
| | | | Federal | 22502 |
| | | Downstream | Calif. | 22502 |
| | | | Federal | 22504 |
| 1997-96 | L4-1.8 | Upstream | | 22502 |
| | | Downstream | | 22504 |
| 1995-94 | L4-1.8 | Upstream | | 22502 |
| 1993-90 | L4-1.6 | Upstream | | 24176 |
| Millenia | | | | |
| 2002-01 | V6-2.3 | Upstream | LH | 22065 |
| | | | RH | 24097 |
| | | Downstream | LH | 24231 |
| | | | RH | 22093 |
| | V6-2.5 | Upstream | F | 22119 |
| | | | R | 22120 |
| | | Downstream | F | 22098 |
| | | | R | 22099 |
| 2000-97 | V6-2.3 | Upstream | LH | 22065 |
| | | | RH | 24097 |
| | | Downstream | LH | 24231 |
| | | | RH | 22093 |
| | V6-2.5 | Upstream | Loc. in Frt Mnflid | 22098 |
| | | | Loc. in Rear Mnflid | 24230 |
| Loc. in Exhaust Pipe Before Cat. | 24076 | | | |
| Downstream | Loc. in Exhaust Pipe After Cat. | 22095 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|----------------------------|------------|---------------|---|---|-------------------------|----------------|
| MAZDA (Cont'd) | | | | | | |
| Millenia (Cont'd) | | | | | | |
| 1996-95 | V6-2.3 | Upstream | LH | 22065 | | |
| | | | RH | 24097 | | |
| | | Downstream | LH | 24231 | | |
| | | | RH | 22093 | | |
| | | V6-2.5 | Upstream | F | 22062 | |
| | | | | R | 24092 | |
| Downstream | F | 22098 | | | | |
| R | 24229 | | | | | |
| MPV | | | | | | |
| 2006-02 | V6-3.0 | Upstream | F | 22532 | | |
| | | | R | 22528 | | |
| | | Downstream | F | 22505 | | |
| | | | R | 22505 | | |
| 2001-00 | V6-2.5 | Upstream | Loc. in Frt Mnflid; Federal | 22513 | | |
| | | | Loc. in Rear Mnflid; Federal | 22532 | | |
| | | | Loc. in Exhaust Pipe Before Cat; Federal | 22519 | | |
| | | | F Calif. | 22513 | | |
| | | R Calif. | 22532 | | | |
| | | Downstream | Loc. After Cat; Federal | 22523 | | |
| | | | F Calif. | 22514 | | |
| | | R Calif. | 22505 | | | |
| | | 1998-96 | V6-3.0 | Upstream | | 24678 |
| | | | | Downstream | RWD 4WD | 22506 22505 |
| 1995 | V6-3.0 | Upstream | | 24029 | | |
| 1994-92 | L4-2.6 | Upstream | | 24014 | | |
| | | Upstream | | 24029 | | |
| 1991 | L4-2.6 | Upstream | | 24014 | | |
| | | Upstream | To 7/1/90; A/T From 7/1/90; A/T M/T | 22075 24029 22075 | | |
| | V6-3.0 | Upstream | | 22075 | | |
| | | Upstream | | 22075 | | |
| 1990-89 | L4-2.6 | Upstream | | 22085 | | |
| | | Upstream | | 22075 | | |
| MX-3, MX-3 Precedia | | | | | | |
| 1996 | L4-1.6 | Upstream | | 24023 | | |
| | | Downstream | | 22001 | | |
| 1995-94 | L4-1.6 | Upstream | | 24023 | | |
| | | Upstream | F R | 22523 22032 | | |
| | L4-1.6 | Upstream | | 22043 | | |
| 1993-92 | V6-1.8 | Upstream | | 22523 | | |
| | | Upstream | F R | 22032 22032 | | |
| MX-6, MX-6 Mystre | | | | | | |
| 1997 | L4-2.0 | Upstream | A/T M/T | 22098 22033 | | |
| | | | Downstream | | 22089 | |
| | | V6-2.5 | Upstream | Loc. in Frt Mnflid Loc. in Rear Mnflid Loc. in Exhaust Pipe Before Cat. | 22034 22033 22092 | |
| | Downstream | | | Loc. After Cat. | 22094 | |
| | 1996 | | L4-2.0 | Upstream | A/T M/T | 22098 22033 |
| | | Downstream | | | | 22089 |
| V6-2.5 | | Upstream | F | CAN Market USA Market | 22092 22034 | |
| | R | | CAN Market USA Market | 22088 22033 | | |
| | Downstream | F | | 22000 | | |
| | | R | | 22088 | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------------|---------------|-------------------|----------|-------|
| MAZDA (Cont'd) | | | | | |
| MX-6, MX-6 Mystre (Cont'd) | | | | | |
| 1995-94 | L4-2.0 V6-2.5 | Upstream | | 22092 | |
| | | | F | Calif. | 24022 |
| | | | | Federal | 22092 |
| | | | R | Calif. | 24022 |
| Federal | 22088 | | | | |
| 1993 | L4-2.0 V6-2.5 | Upstream | | 22092 | |
| | | | F | 22092 | |
| | | R | 22088 | | |
| 1992-90 | L4-2.2 | Upstream | | 24010 | |
| 1989-88 | L4-2.2 | Upstream | | 24006 | |
| Navajo | | | | | |
| 1994-91 | V6-4.0 | Upstream | | 22503 | |
| Protege, Protege5 | | | | | |
| 2003-01 | L4-1.6 | Upstream | | 22513 | |
| | | Downstream | | 22510 | |
| | L4-2.0 | Upstream | | 22533 | |
| | | Downstream | | 22514 | |
| 2000-99 | L4-1.6 | Upstream | Calif. | 22513 | |
| | | | Federal | 22531 | |
| | Downstream | | 22510 | | |
| | L4-1.8 | Upstream | | 22523 | |
| Downstream | | | 22514 | | |
| 1998-95 | L4-1.5 | Upstream | | 24023 | |
| | | Downstream | | 22001 | |
| | L4-1.8 | Upstream | | 22032 | |
| | | Downstream | | 24577 | |
| 1994 | L4-1.8 | Upstream | SOHC | 22043 | |
| | | | DOHC | 22502 | |
| 1993 | L4-1.8 | Upstream | SOHC | 22043 | |
| | | | To 7/1/93; DOHC | 22043 | |
| | | | From 7/1/93; DOHC | 22502 | |
| 1992-90 | L4-1.8 | Upstream | | 22043 | |
| RX Series (RX-2, RX-3, RX-4, RX-7, RX-8), R100, Rotary Pickup | | | | | |
| 2011-09 | R2-1.3 | Upstream | | 24814 | |
| | | Downstream | A/T | 22506 | |
| | | | M/T | 24816 | |
| 2008-04 | R2-1.3 | Upstream | | 25673 | |
| | | Downstream | | 22506 | |
| 1995-93 | R2-1.3 | Upstream | | 24019 | |
| 1991-89 | R2-1.3 | Upstream | | 24036 | |
| 1988-84 | All Engs | Upstream | | 24006 | |
| Tribute | | | | | |
| 2011 | L4-2.5 | Upstream | A/T | 24388 | |
| | | | M/T | 22012 | |
| | | Downstream | | | 22009 |
| | | V6-3.0 | Upstream | F | 24387 |
| | R | | | 24387 | |
| | Downstream | F | 22500 | | |
| | | R | 22009 | | |
| | 2010 | L4-2.5 | Upstream | Gas; A/T | 24388 |
| | | | | Gas; M/T | 22012 |
| | | | | Hybrid | 24348 |
| Gas | | | | 22009 | |
| Downstream | | Gas | 22009 | | |
| | | Hybrid | 22500 | | |
| V6-3.0 | | Upstream | F | 24387 | |
| | | | R | 24387 | |
| Downstream | | F | 22500 | | |
| | | R | 22009 | | |
| 2009 | L4-2.5 | Upstream | Gas | 22012 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|--------------|----------------------|--|----------------------|-------|
| MAZDA (Cont'd) | | | | | |
| Tribute (Cont'd) | | | | | |
| 2009 | L4-2.5 | Upstream | Hybrid | 24348 | |
| | | | Gas | 22009 | |
| | | Downstream | | Hybrid | 22500 |
| | | V6-3.0 | Upstream | F | 22012 |
| | | | | R | 22012 |
| | | Downstream | | F | 22500 |
| | | | R | 22009 | |
| | 2008 | L4-2.3 | Upstream | | 22012 |
| | | | Downstream | | 22500 |
| | | V6-3.0 | Upstream | F | 22060 |
| R | | | | 22060 | |
| Downstream | | | F | 22500 | |
| | | | R | 22009 | |
| 2006-05 | L4-2.3 | Upstream | | 22012 | |
| | | Downstream | | 22500 | |
| | V6-3.0 | Upstream | F | 22113 | |
| | | | R | 22060 | |
| Downstream | | F | 22500 | | |
| | | R | 22009 | | |
| 2004-01 | L4-2.0 | Upstream | | 22113 | |
| | | Downstream | | 22106 | |
| | V6-3.0 | Upstream | F | 22113 | |
| | | | R | 22060 | |
| | | Downstream | | F | 22500 |
| | | | | R | 22009 |
| MERCEDES-BENZ | | | | | |
| 170, 180, 190 Series | | | | | |
| 1993-91 | L4-2.3 | Upstream | w/13" Lead (Exposed 2 Pin Htr + 1 Pin Grd Plugs) | 25038 | |
| | | | w/20" Lead (Covered 2 Pin Htr + 1 Pin Grd Plugs) | 25129 | |
| | L6-2.6 | Upstream | | 25038 | |
| 1990-84 | All Engs | Upstream | | 25038 | |
| 200 Series (200, 219, 220, 230, 240, 250, 260, 280) | | | | | |
| 1989-87 | L6-2.6 | Upstream | | 25081 | |
| 300 Series (300, 350, 380) | | | | | |
| 1993 | L6-2.8 | Upstream | | 25081 | |
| | | L6-3.0 | Upstream | 300E | 25053 |
| | 300SL | | | 25520 | |
| | 300TE | | | 25517 | |
| | L6-3.2 | Upstream | 300E, 300SE | 25534 | |
| | | | 300CE, 300TE | 25053 | |
| 1992 | L6-2.6 | Upstream | | 25081 | |
| | | L6-3.0 | Upstream | 300CE | 25081 |
| | 300E; 3-Wire | | | 25081 | |
| | 300E; 4-Wire | | | 25534 | |
| | 300SL | | | 25520 | |
| | | | 300TE; O2 w/11" Lgth | 25517 | |
| | | 300TE; O2 w/26" Lgth | 25081 | | |
| L6-3.2 | Upstream | | 25534 | | |
| | | | 25534 | | |
| 1991-90 | L6-2.6 | Upstream | | 25081 | |
| | | L6-3.0 | Upstream | 300CE, 300SE, 300SEL | 25081 |
| | 300E; 3-Wire | | | 25081 | |
| | 300E; 4-Wire | | | 25534 | |
| | 300SL | | | 25520 | |
| | | | 300TE; O2 w/11" Lgth | 25517 | |
| | | 300TE; O2 w/26" Lgth | 25081 | | |
| 1989-86 | L6-3.0 | Upstream | | 25081 | |
| 1983-82 | V8-3.8 | Upstream | | 25726 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-----------------------------------|------------|---------------|--------------------------------|--------------------------------|-------|-------|
| MERCEDES-BENZ (Cont'd) | | | | | | |
| 400 Series (400, 420, 450) | | | | | | |
| 1993-92 | V8-4.2 | Upstream | | 25534 | | |
| 1991-86 | V8-4.2 | Upstream | | 25726 | | |
| 1980 | V8-4.5 | Upstream | | 25081 | | |
| 500 Series (500, 560) | | | | | | |
| 1993 | V8-5.0 | Upstream | | 25534 | | |
| 1992 | V8-5.0 | Upstream | 500E, 500SEL | 25534 | | |
| | | | 500SL | 25520 | | |
| 1991-90 | V8-5.0 | Upstream | | 25520 | | |
| | V8-5.6 | Upstream | | 25726 | | |
| 1989-86 | V8-5.6 | Upstream | 560SL | 25081 | | |
| | | | 500SEC, 500SEL | 25726 | | |
| 600 Series | | | | | | |
| 1993-92 | V12-6.0 | Upstream | | 25534 | | |
| AMG GT S | | | | | | |
| 2017-16 | V8-4.0 | Upstream | LH | 24330 | | |
| | | | RH | 24330 | | |
| | | Downstream | LH | 25236 | | |
| | | | RH | 25236 | | |
| B-Class | | | | | | |
| 2018-13 | L4-2.0 | Upstream | | 24330 | | |
| | | Downstream | | 25757 | | |
| 2011-06 | L4-2.0 | Upstream | | 25186 | | |
| | | Downstream | | 25186 | | |
| C-Class | | | | | | |
| 2017 | L4-2.0 | Upstream | | 24331 | | |
| | | Downstream | | 25758 | | |
| | V6-3.0 | Upstream | LH | | 24330 | |
| | | | RH | | 24330 | |
| | | Downstream | LH | 9-Speed A/T | 25229 | |
| | | | RH | w/OE #000 542 16 00; 9-Sp. A/T | 25229 | |
| | | RH | w/OE #000 542 20 04; 9-Sp. A/T | 25231 | | |
| | V8-4.0 | Upstream | LH | | 24333 | |
| | | | RH | | 24333 | |
| | | Downstream | LH | | 25232 | |
| | | | RH | | 25232 | |
| | 2016 | L4-2.0 | Upstream | | 24331 | |
| | | | Downstream | | 25758 | |
| | | V6-3.0 | Upstream | LH | | 24330 |
| | | | | RH | | 24330 |
| | | Downstream | LH | 7-Speed A/T | 25234 | |
| RH | | | 7-Speed A/T | 25234 | | |
| V6-3.5 | | Upstream | LH | Gas | 24329 | |
| | | | RH | Gas | 24329 | |
| | | Downstream | LH | Gas | 25228 | |
| | | | RH | Gas | 25248 | |
| V8-4.0 | | Upstream | LH | | 24333 | |
| | | | RH | | 24333 | |
| | Downstream | LH | | 25232 | | |
| | | RH | | 25232 | | |
| 2015 | L4-1.8 | Upstream | | 24322 | | |
| | | Downstream | | 25206 | | |
| | L4-2.0 | Upstream | | 24331 | | |
| | | Downstream | | 25758 | | |
| | V6-3.0 | Upstream | LH | | 24330 | |
| | | | RH | | 24330 | |
| | | Downstream | LH | 7-Speed A/T | 25234 | |
| | | | RH | 7-Speed A/T | 25234 | |
| | V6-3.5 | Upstream | LH | Gas | 24329 | |
| | | | RH | Gas | 24329 | |
| Downstream | | LH | Gas | 25228 | | |
| | | RH | Gas | 25248 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-------------------------------|------------|---------------|---------------|------------|------------|-------|
| MERCEDES-BENZ (Cont'd) | | | | | | |
| C-Class (Cont'd) | | | | | | |
| 2015 | V6-3.5 | Downstream | LH | Gas | 25228 | |
| | | | RH | Gas | 25248 | |
| | V8-4.0 | Upstream | LH | | 24333 | |
| | | | RH | | 24333 | |
| | | Downstream | LH | | 25232 | |
| | | | RH | | 25232 | |
| | V8-6.3 | Upstream | LH | | 24330 | |
| | | | RH | | 24330 | |
| | | Downstream | LH | | 25186 | |
| | | | RH | | 25186 | |
| | 2014-13 | L4-1.8 | Upstream | | 24322 | |
| | | | Downstream | | 25206 | |
| | | V6-3.5 | Upstream | LH | C300 | 24330 |
| | | | | | C350; FLEX | 24330 |
| | | | | | C350; Gas | 24329 |
| | | | | RH | C300 | 24330 |
| C350; FLEX | | | | | 24330 | |
| C350; Gas | | | | | 24329 | |
| Downstream | | | LH | C300 | 25220 | |
| | | | | C350; FLEX | 25220 | |
| | | | RH | C300 | 25220 | |
| | | | | C350; FLEX | 25220 | |
| V8-6.3 | | Upstream | LH | | 24330 | |
| | | | RH | | 24330 | |
| | | Downstream | LH | | 25186 | |
| | | | | RH | | 25186 |
| | 2012 | | L4-1.8 | Upstream | | 24322 |
| | | | | Downstream | | 25206 |
| | | V6-2.5 | Upstream | LH | | 24330 |
| | | | | RH | | 24330 |
| | Downstream | | LH | | 25186 | |
| | | | RH | | 25186 | |
| V6-3.0 | Upstream | LH | | 24330 | | |
| | | RH | | 24330 | | |
| | Downstream | LH | | 25186 | | |
| | | RH | | 25186 | | |
| V6-3.5 | Upstream | LH | | 24330 | | |
| | | RH | | 24330 | | |
| | Downstream | LH | FLEX | 25220 | | |
| | | RH | FLEX | 25220 | | |
| V8-6.3 | Upstream | LH | | 24330 | | |
| | | RH | | 24330 | | |
| | Downstream | LH | | 25186 | | |
| | | RH | | 25186 | | |
| 2011-08 | V6-2.5 | Upstream | LH | | 24330 | |
| | | | RH | | 24330 | |
| | | Downstream | LH | | 25186 | |
| | | | RH | | 25186 | |
| | V6-3.0 | Upstream | LH | | 24330 | |
| | | | RH | | 24330 | |
| | | Downstream | LH | | 25186 | |
| | | | RH | | 25186 | |
| | V6-3.5 | Upstream | LH | | 24330 | |
| | | | RH | | 24330 | |
| Downstream | | LH | | 25186 | | |
| | | RH | | 25186 | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------------|------------|---------------|---------------|-----------|
| MERCEDES-BENZ (Cont'd) | | | | |
| C-Class (Cont'd) | | | | |
| 2011-08 | V8-6.3 | Upstream | LH | 24330 |
| | | | RH | 24330 |
| Downstream | | LH | 25186 | |
| | | RH | 25186 | |
| 2007 | V6-2.5 | Upstream | LH | 24332 |
| | | | RH | 24332 |
| | | Downstream | LH | 25186 |
| | | | RH | 25186 |
| | V6-3.0 | Upstream | LH | 24332 |
| | | | RH | AWD 24330 |
| | | | RWD 24332 | |
| | | Downstream | LH | AWD 25616 |
| | | | RH | RWD 25186 |
| | | | RH | AWD 25617 |
| | | RWD 25186 | | |
| | V6-3.5 | Upstream | LH | 24332 |
| | | | RH | AWD 24330 |
| | | | RWD 24332 | |
| Downstream | | LH | AWD 25616 | |
| | | RH | AWD 25617 | |
| | | RWD 25186 | | |
| 2006 | V6-2.5 | Upstream | LH | 24332 |
| | | | RH | 24332 |
| | | Downstream | LH | 25186 |
| | | | RH | 25186 |
| | V6-3.0 | Upstream | LH | 24332 |
| | | | RH | AWD 24330 |
| | | | RWD 24332 | |
| | | Downstream | LH | AWD 25616 |
| | | | RH | RWD 25186 |
| | | | RH | AWD 25617 |
| | | RWD 25186 | | |
| | V6-3.5 | Upstream | LH | 24332 |
| RH | | | AWD 24330 | |
| RWD 24332 | | | | |
| Downstream | | LH | AWD 25616 | |
| | | RH | AWD 25617 | |
| | | RWD 25186 | | |
| V8-5.5 | Upstream | LH | 25616 | |
| | | RH | 25617 | |
| | Downstream | LH | 25613 | |
| | | RH | 25613 | |
| 2005 | L4-1.8 | Upstream | | 24321 |
| | | Downstream | | 25616 |
| | V6-2.6 | Upstream | LH | 25616 |
| | | | RH | AWD 25616 |
| | | | RWD 25617 | |
| | | Downstream | LH | AWD 25614 |
| | | | RH | RWD 25613 |
| | | | RH | 25613 |
| | V6-3.2 | Upstream | LH | 25616 |
| | | | RH | RWD 25617 |
| | | | AWD 25616 | |
| | | Downstream | LH | RWD 25613 |
| | | | RH | AWD 25614 |
| | | | RH | 25613 |
| | V8-5.5 | Upstream | LH | 25616 |
| | | | RH | 25617 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------|------------|-----------------|-----------------|-----------------|-------|
| MERCEDES-BENZ (Cont'd) | | | | | |
| C-Class (Cont'd) | | | | | |
| 2005 | V8-5.5 | Downstream | LH | 25613 | |
| | | | RH | 25613 | |
| 2004-03 | L4-1.8 | Upstream | | 24321 | |
| | | Downstream | | 25616 | |
| | V6-2.6 | Upstream | LH | 25616 | |
| | | | RH | AWD 25616 | |
| | | | RWD 25617 | | |
| | | Downstream | LH | AWD 25614 | |
| | | | RH | RWD 25613 | |
| | | | RH | 25613 | |
| | V6-3.2 | Upstream | LH | 25616 | |
| | | | RH | C32 AMG 25617 | |
| | | | C320; RWD 25617 | | |
| | | Downstream | LH | C320; AWD 25616 | |
| RH | | | C32 AMG 25613 | | |
| | | RH | C320; RWD 25613 | | |
| | | C320; AWD 25614 | | | |
| | | RH | 25613 | | |
| 2002 | L4-2.3 | Upstream | | 25617 | |
| | | Downstream | | 25616 | |
| | V6-2.6 | Upstream | LH | 25616 | |
| | | | RH | 25617 | |
| | | Downstream | LH | 25613 | |
| | | | RH | 25613 | |
| | V6-3.2 | Upstream | LH | 25616 | |
| | | | RH | 25617 | |
| | | Downstream | LH | 25613 | |
| | | | RH | 25613 | |
| | 2001 | V6-2.6 | Upstream | LH | 25616 |
| | | | | RH | 25617 |
| Downstream | | LH | 25613 | | |
| | | RH | 25613 | | |
| V6-3.2 | Upstream | LH | 25616 | | |
| | | RH | 25617 | | |
| | Downstream | LH | 25613 | | |
| | | RH | 25613 | | |
| 2000-98 | L4-2.3 | Upstream | | 25583 | |
| | | Downstream | | 25564 | |
| | V6-2.8 | Upstream | LH | 25546 | |
| | | | RH | 25594 | |
| | | Downstream | LH | 25596 | |
| | | | RH | 25599 | |
| | V8-4.3 | Upstream | LH | 25546 | |
| | | | RH | 25594 | |
| | | Downstream | LH | 25596 | |
| | | | RH | 25599 | |
| | 1997 | L4-2.3 | Upstream | | 25583 |
| | | | Downstream | | 25564 |
| L6-2.8 | | Upstream | | 25567 | |
| | | Downstream | | 25564 | |
| L6-3.6 | | Upstream | | 25567 | |
| | | Downstream | | 25564 | |
| 1996 | L4-2.2 | Upstream | | 25556 | |
| | | Downstream | | 25536 | |
| | L6-2.8 | Upstream | | 25534 | |
| | | Downstream | | 25534 | |
| | L6-3.6 | Upstream | | 25534 | |
| | | Downstream | | 25536 | |
| 1995 | L4-2.2 | Upstream | | 25556 | |
| | | Downstream | | 25536 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------------|------------|---------------|---------------|--------|
| MERCEDES-BENZ (Cont'd) | | | | |
| C-Class (Cont'd) | | | | |
| 1995 | L6-2.8 | Upstream | | 25534 |
| | | Downstream | | 25536 |
| | L6-3.6 | Upstream | | 25534 |
| | | Downstream | | 25536 |
| 1994 | L4-2.2 | Downstream | | 25536 |
| | L6-2.8 | Upstream | | 25534 |
| | | Downstream | | 25534 |
| CLA-Class | | | | |
| 2017-14 | L4-2.0 | Upstream | | 24330 |
| | | Downstream | | 25757 |
| CL-Class | | | | |
| 2014-11 | V8-4.6 | Upstream | LH | 24330 |
| | | | RH | 24330 |
| | | Downstream | LH | 25220 |
| | | | RH | 25220 |
| | V8-5.5 | Upstream | LH | 24330 |
| | | | RH | 24330 |
| | | Downstream | LH | 25220 |
| | | | RH | 25220 |
| | V12-5.5 | Upstream | LH | 25617 |
| | | | RH | 25617 |
| | | Downstream | LH | 25617 |
| | | | RH | 25617 |
| | V12-6.0 | Upstream | LH | 25617 |
| | | | RH | 25617 |
| | | Downstream | LH | 25617 |
| | | | RH | 25617 |
| 2010-09 | V8-5.5 | Upstream | LH | 24330 |
| | | | RH | 24329 |
| | | Downstream | LH | 25186 |
| | | | RH | 25186 |
| | V8-6.3 | Upstream | LH | 24332 |
| | | | RH | 24332 |
| | | Downstream | LH | 25186 |
| | | | RH | 25186 |
| | V12-5.5 | Upstream | LH | 25617 |
| | | | RH | 25617 |
| | | Downstream | LH | 25617 |
| | | | RH | 25617 |
| V12-6.0 | Upstream | LH | 25617 | |
| | | RH | 25617 | |
| | Downstream | LH | 25617 | |
| | | RH | 25617 | |
| 2008 | V8-5.5 | Upstream | LH | 24330 |
| | | | RH | 24330 |
| | | Downstream | LH | 25186 |
| | | | RH | 25186 |
| | V8-6.3 | Upstream | LH | 24332 |
| | | | RH | 24332 |
| | | Downstream | LH | 25186 |
| | | | RH | 25186 |
| | V12-5.5 | Upstream | LH | 25617 |
| | | | RH | 25617 |
| | | Downstream | LH | 25617 |
| | | | RH | 25617 |
| V12-6.0 | Upstream | LH | 25617 | |
| | | RH | 25617 | |
| | Downstream | LH | 25617 | |
| | | RH | 25617 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------|------------|---------------|---------------|--|-------|
| MERCEDES-BENZ (Cont'd) | | | | | |
| CL-Class (Cont'd) | | | | | |
| 2007 | V8-5.5 | Upstream | LH | 24330 | |
| | | | RH | 24330 | |
| | | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| | V12-5.5 | Upstream | LH | 25617 | |
| | | | RH | 25617 | |
| | | Downstream | LH | 25617 | |
| | | | RH | 25617 | |
| 2006-01 | All Eng | Upstream | LH | 25617 | |
| | | | RH | 25617 | |
| | | Downstream | LH | 25617 | |
| | | | RH | 25617 | |
| 2000 | V8-5.0 | Upstream | LH | To 6/30/00; To Chassis #A008766 25568 | |
| | | | RH | 25568 | |
| | | | LH | From 6/30/00; From Chassis #A008767 & A005154 25617 | |
| | | | RH | 25617 | |
| | | Downstream | LH | To 6/30/00; To Chassis #A008766 25567 | |
| | | | RH | 25567 | |
| | | | LH | From 6/30/00; From Chassis #A008767 & A005154 25617 | |
| | | | RH | 25617 | |
| | 1999-98 | V8-5.0 | Upstream | LH | 25568 |
| | | | | RH | 25568 |
| | | | Downstream | LH | 25564 |
| | | | | RH | 25567 |
| V12-6.0 | Upstream | LH | 25567 | | |
| | | RH | 25567 | | |
| | Downstream | LH | 25568 | | |
| | | RH | 25568 | | |
| CLK-Class | | | | | |
| 2009-07 | V6-3.5 | Upstream | LH | 24332 | |
| | | | RH | 24332 | |
| | | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| | V8-5.5 | Upstream | LH | 24332 | |
| | | | RH | 24332 | |
| | | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| | V8-6.3 | Upstream | LH | 24337 | |
| | | | RH | 24332 | |
| | | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| 2006 | V6-3.5 | Upstream | LH | 24332 | |
| | | | RH | 24332 | |
| | | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| | V8-5.0 | Upstream | LH | 25616 | |
| | | | RH | 25617 | |
| | | Downstream | LH | 25613 | |
| | | | RH | 25613 | |
| V8-5.5 | Upstream | LH | 25616 | | |
| | | RH | 25617 | | |
| | Downstream | LH | 25613 | | |
| | | RH | 25613 | | |
| 2005-04 | V6-3.2 | Upstream | LH | 25616 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-------------------------------|------------|------------------|---------------|-----------------------------------|-----------------------------------|----------------|
| MERCEDES-BENZ (Cont'd) | | | | | | |
| CLK-Class (Cont'd) | | | | | | |
| 2005-04 | V6-3.2 | Upstream | RH | 25617 | | |
| | | | LH | 25613 | | |
| | | Downstream | RH | 25613 | | |
| | V8-5.0 | Upstream | LH | 25616 | | |
| | | | RH | 25617 | | |
| | | Downstream | LH | 25613 | | |
| | V8-5.5 | Upstream | LH | 25616 | | |
| | | | RH | 25617 | | |
| | | Downstream | LH | 25613 | | |
| | 2003 | V6-3.2 | Upstream | LH | 25616 | |
| | | | | RH | CLK320; Convertible CLK; Coupe | 25614 25617 |
| | | | Downstream | LH | CLK320; Convertible CLK; Coupe | 25612 25613 |
| RH | | | | CLK320; Convertible CLK; Coupe | 25611 25613 | |
| V8-4.3 | | | Upstream | LH | 25616 | |
| | | | | RH | 25614 | |
| Downstream | | LH | 25612 | | | |
| | | RH | 25611 | | | |
| V8-5.0 | | Upstream | LH | 25616 | | |
| | | | RH | 25617 | | |
| | | Downstream | LH | 25613 | | |
| | | | RH | 25613 | | |
| V8-5.5 | Upstream | LH | 25616 | | | |
| | | RH | 25617 | | | |
| | Downstream | LH | 25613 | | | |
| | | RH | 25613 | | | |
| 2002-01 | V6-3.2 | Upstream | LH | 25616 | | |
| | | | RH | 25614 | | |
| | | Downstream | LH | 25612 | | |
| | | | RH | 25611 | | |
| | V8-4.3 | Upstream | LH | 25616 | | |
| | | | RH | 25614 | | |
| | | Downstream | LH | 25612 | | |
| | | | RH | 25611 | | |
| | V8-5.5 | Upstream | LH | 25616 | | |
| | | | RH | 25614 | | |
| | | Downstream | LH | 25612 | | |
| | | | RH | 25611 | | |
| 2000-98 | All Eng | Upstream | LH | 25546 | | |
| | | | RH | 25594 | | |
| | | Downstream | LH | 25596 | | |
| | | | RH | 25599 | | |
| | | CLS-Class | | | | |
| | | 2017 | V8-4.6 | Upstream | LH | 24332 |
| RH | 24330 | | | | | |
| Downstream | LH | | | 25220 | | |
| | RH | | | 25203 | | |
| V8-5.5 | Upstream | | LH | 24330 | | |
| | | | RH | 24330 | | |
| | Downstream | | LH | 25220 | | |
| | | | RH | 25220 | | |
| 2016-15 | V8-4.6 | Upstream | LH | 7-Speed A/T 24330 | | |
| | | | RH | 24330 | | |
| | | Downstream | LH | 25220 | | |
| | | | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------|------------|---------------|-----------------------------|-----------------------------|-------|
| MERCEDES-BENZ (Cont'd) | | | | | |
| CLS-Class (Cont'd) | | | | | |
| 2016-15 | V8-4.6 | Downstream | RH | 7-Speed A/T 25220 | |
| | | | | 9-Speed A/T 25203 | |
| | | Upstream | LH | 24330 | |
| | | | RH | 24330 | |
| | Downstream | LH | 25220 | | |
| | | RH | 25220 | | |
| | 2014 | V8-4.6 | Upstream | LH | 24330 |
| | | | | RH | 24330 |
| | | Downstream | LH | 25220 | |
| | | | RH | 25220 | |
| | V8-5.5 | Upstream | LH | 24330 | |
| | | | RH | 24330 | |
| Downstream | | LH | 25220 | | |
| | | RH | 25220 | | |
| 2013-12 | V8-4.6 | Upstream | LH | 24374 | |
| | | | RH | 24374 | |
| | | Downstream | LH | 25220 | |
| | | | RH | 25220 | |
| | V8-5.5 | Upstream | LH | 24374 | |
| | | | RH | 24374 | |
| | | Downstream | LH | 25220 | |
| | | | RH | 25220 | |
| 2011-07 | V8-5.5 | Upstream | LH | 24330 | |
| | | | RH | 24330 | |
| | | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| | V8-6.3 | Upstream | LH | 24330 | |
| | | | RH | 24332 | |
| | | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| 2006 | V8-5.0 | Upstream | LH | 25617 | |
| | | | RH | 25617 | |
| | | Downstream | LH | 25613 | |
| | | | RH | 25613 | |
| | V8-5.5 | Upstream | LH | 25617 | |
| | | | RH | 25617 | |
| | | Downstream | LH | 25613 | |
| | | | RH | 25613 | |
| E-Class | | | | | |
| 2017 | L4-2.0 | Upstream | | 24331 | |
| | | Downstream | | 25758 | |
| | V8-4.6 | Upstream | LH | 24330 | |
| | | | RH | 24330 | |
| | | Downstream | LH | 25220 | |
| | | | RH | 25220 | |
| | 2016-15 | L4-2.1 | Upstream | Diesel (1 Upstream O2 Only) | 27057 |
| | | | | | |
| V8-4.6 | | Upstream | LH | 24330 | |
| | | | RH | 24330 | |
| Downstream | LH | 25220 | | | |
| | RH | 25220 | | | |
| V8-5.5 | Upstream | LH | 24330 | | |
| | | RH | 24330 | | |
| | Downstream | LH | 25220 | | |
| | | RH | 25220 | | |
| 2014 | L4-2.1 | Upstream | Diesel (1 Upstream O2 Only) | 27057 | |
| | | | | | |
| | V6-3.5 | Upstream | LH | E350 24330 | |
| | | | RH | E350 24330 | |
| Downstream | LH | E400 | 24329 | | |
| | | E400 | 24329 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------|------------|---------------|-----------------------------|-----------------------------|--------|
| MERCEDES-BENZ (Cont'd) | | | | | |
| E-Class (Cont'd) | | | | | |
| 2014 | V6-3.5 | Downstream | LH E350 | 25220 | |
| | | | E400 | 25205 | |
| | | | RH E350 | 25220 | |
| | | | E400 | 25205 | |
| | V8-4.6 | Upstream | LH | 24330 | |
| | | | RH | 24330 | |
| | | Downstream | LH | 25220 | |
| | | | RH | 25220 | |
| | V8-5.5 | Upstream | LH | 24330 | |
| | | | RH | 24330 | |
| | | Downstream | LH | 25220 | |
| | | | RH | 25220 | |
| 2013 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | | |
| | | | 24366 | | |
| | V6-3.5 | Upstream | LH E300, E350 | 24330 | |
| | | | E400 | 24329 | |
| | | | RH E300, E350 | 24330 | |
| | | | E400 | 24329 | |
| | | Downstream | LH E300, E350 | 25220 | |
| | | | E400 | 25205 | |
| | | | RH E300, E350 | 25220 | |
| | | | E400 | 25205 | |
| | V8-4.6 | Upstream | LH | 24330 | |
| | | | RH | 24330 | |
| | | Downstream | LH | 25220 | |
| | | | RH | 25220 | |
| | V8-5.5 | Upstream | LH | 24374 | |
| | | | RH | 24374 | |
| | | Downstream | LH | 25220 | |
| | | | RH | 25220 | |
| | 2012 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | |
| | | | | 24366 | |
| | | V6-3.5 | Upstream | LH | 24330 |
| | | | | RH | 24330 |
| | | | Downstream | LH | 25220 |
| | | | | RH | 25220 |
| V8-4.6 | | Upstream | LH | 24374 | |
| | | | RH | 24374 | |
| | | Downstream | LH | 25220 | |
| | | | RH | 25220 | |
| V8-5.5 | | Upstream | LH | 24374 | |
| | | | RH | 24374 | |
| | Downstream | LH | 25220 | | |
| | | RH | 25220 | | |
| 2011 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | | |
| | | | 24366 | | |
| | V6-3.5 | Upstream | LH AWD | 24332 | |
| | | | RWD | 24330 | |
| | | | RH | 24330 | |
| | | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| | | | V8-5.5 | Upstream | LH AWD |
| | RWD | 24330 | | | |
| | RH | 24330 | | | |
| | Downstream | LH | | 25186 | |
| | | RH | | 25186 | |
| V8-6.3 | | Upstream | | LH | 24332 |
| | RH | | 24332 | | |
| | LH | | 25186 | | |
| | Downstream | LH | 25186 | | |
| | | RH | 25186 | | |
| | | RH | | 25186 | |
| 2010 | V6-3.5 | | Upstream | LH AWD | 24332 |
| | | | | RWD | 24330 |
| | | RH | | 24330 | |
| | | RH | | 24330 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------|------------|---------------|-----------------------------|--------------------------|--|
| MERCEDES-BENZ (Cont'd) | | | | | |
| E-Class (Cont'd) | | | | | |
| 2010 | V6-3.5 | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| | V8-5.5 | Upstream | LH AWD | 24332 | |
| | | | RWD | 24330 | |
| | | Downstream | LH | 24330 | |
| | | | RH | 25186 | |
| | V8-6.3 | Upstream | LH | 24332 | |
| | | | RH | 24332 | |
| | | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| | 2009-07 | V6-3.0 | Upstream | Diesel (1 Upstream Only) | |
| | | | | 24330 | |
| Downstream | | | LH | 24332 | |
| | | | RH | 24332 | |
| V6-3.5 | | Upstream | LH AWD | 24332 | |
| | | | RWD | 24330 | |
| | | Downstream | LH AWD | 24332 | |
| | | | RWD | 24330 | |
| V8-5.5 | | Upstream | LH AWD | 24332 | |
| | | | RWD | 24330 | |
| | | Downstream | LH AWD | 24332 | |
| | | | RWD | 24330 | |
| V8-6.3 | Upstream | LH | 24330 | | |
| | | RH | 24332 | | |
| | Downstream | LH | 25186 | | |
| | | RH | 25186 | | |
| 2006 | L6-3.2 | Upstream | Diesel (1 Upstream O2 Only) | | |
| | | | 24337 | | |
| | V6-3.5 | Upstream | LH AWD | 24332 | |
| | | | RWD | 24330 | |
| | | | RH AWD | 24332 | |
| | | Downstream | LH AWD | 24330 | |
| | | | RWD | 25617 | |
| | | | RH AWD | 25186 | |
| | V8-5.0 | Upstream | LH RWD | 25617 | |
| | | | AWD | 25616 | |
| | | | RH RWD | 25617 | |
| | | Downstream | LH | 25616 | |
| RH | | | 25613 | | |
| RH | | | 25613 | | |
| V8-5.5 | Upstream | LH | 25617 | | |
| | | RH | 25617 | | |
| | Downstream | LH | 25613 | | |
| | | RH | 25613 | | |
| 2005 | L6-3.2 | Upstream | Diesel (1 Upstream O2 Only) | | |
| | | | 24337 | | |
| | V6-3.2 | Upstream | LH AWD | 25616 | |
| | | | RWD | 25617 | |
| RH | AWD | 25616 | | | |
| | RWD | 25617 | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------|------------|---------------|---------------|--------|-------|
| MERCEDES-BENZ (Cont'd) | | | | | |
| E-Class (Cont'd) | | | | | |
| 2005 | V6-3.2 | Downstream | LH | 25613 | |
| | | | RH | 25613 | |
| | V8-5.0 | Upstream | LH | AWD | 25616 |
| | | | | RWD | 25617 |
| | | | RH | AWD | 25616 |
| | | | | RWD | 25617 |
| | Downstream | LH | 25613 | | |
| | | RH | 25613 | | |
| | V8-5.5 | Upstream | LH | 25617 | |
| | | | RH | 25617 | |
| | | Downstream | LH | 25613 | |
| | 2004 | V6-3.2 | Upstream | LH | 25616 |
| RWD | | | | 25617 | |
| RH | | | | 25616 | |
| RWD | | | | 25617 | |
| Downstream | | LH | 25613 | | |
| | | RH | 25613 | | |
| V8-5.0 | | Upstream | LH | AWD | 25616 |
| | | | | RWD | 25617 |
| | | | RH | AWD | 25616 |
| | | | | RWD | 25617 |
| Downstream | | LH | 25613 | | |
| | | RH | 25613 | | |
| V8-5.5 | Upstream | LH | 25617 | | |
| | | RH | 25617 | | |
| | Downstream | LH | 25613 | | |
| | | RH | 25613 | | |
| 2003 | V6-3.2 | Upstream | LH | 25617 | |
| | | | RH | 25617 | |
| | | Downstream | LH | 25613 | |
| | RH | | 25613 | | |
| | V8-5.0 | Upstream | LH | 25617 | |
| | | | RH | 25617 | |
| Downstream | | LH | 25613 | | |
| 2002 | V6-3.2 | Upstream | LH | 25617 | |
| | | | RH | 25616 | |
| | | Downstream | LH | 25617 | |
| | | | RH | 25617 | |
| | V8-4.3 | Upstream | LH | 25617 | |
| | | | RH | 25616 | |
| Downstream | | LH | 25617 | | |
| | | RH | 25617 | | |
| V8-5.5 | Upstream | LH | 25617 | | |
| | | RH | 25616 | | |
| | Downstream | LH | 25617 | | |
| | | RH | 25617 | | |
| 2001 | V6-3.2 | Upstream | LH | 25617 | |
| | | | RH | 25616 | |
| | | Downstream | LH | 25617 | |
| | | | RH | 25617 | |
| | V8-4.3 | Upstream | LH | 25617 | |
| | | | RH | 25616 | |
| Downstream | LH | 25617 | | | |
| | RH | 25617 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-------------------------------|------------|---------------|-------------------------|--------------------------------|--------------------------------|-------|
| MERCEDES-BENZ (Cont'd) | | | | | | |
| E-Class (Cont'd) | | | | | | |
| 2001 | V8-5.5 | Upstream | LH | To Chassis #B191887, X044899 | 25568 | |
| | | | RH | From Chassis #B191888, X044900 | 25617 | |
| | | | RH | To Chassis #B191887, X044899 | 25564 | |
| | | | | From Chassis #B191888, X044900 | 25616 | |
| | | | Downstream | LH | To Chassis #B191887, X044899 | 25567 |
| | | | | RH | From Chassis #B191888, X044900 | 25617 |
| | 2000-99 | V6-3.2 | Upstream | LH | Sedan | 25568 |
| | | | | RH | Wagon | 25564 |
| | | | Downstream | LH | 25567 | |
| | | V8-4.3 | Upstream | LH | 25564 | |
| | | | | RH | 25564 | |
| | | | Downstream | LH | 25567 | |
| V8-5.5 | Upstream | LH | 25568 | | | |
| | | RH | 25564 | | | |
| | Downstream | LH | 25567 | | | |
| 1998 | V6-3.2 | Upstream | LH | Sedan | 25568 | |
| | | | RH | Wagon | 25564 | |
| | | Downstream | LH | 25567 | | |
| | V8-4.3 | Upstream | LH | 25564 | | |
| | | | RH | 25564 | | |
| | | Downstream | LH | 25567 | | |
| 1997 | L6-3.2 | Upstream | | 25564 | | |
| | | Downstream | | 25564 | | |
| | V8-4.2 | Upstream | LH | 25564 | | |
| | | | RH | 25564 | | |
| | Downstream | LH | 25567 | | | |
| | | RH | 25567 | | | |
| 1996 | L6-3.2 | Upstream | | 25545 | | |
| | | Downstream | | 25545 | | |
| 1995-94 | All Engs | Upstream | 4-Wire (w/1 Connector) | 25534 | | |
| | | | 4-Wire (w/2 Connectors) | 25053 | | |
| G-Class (SUV) | | | | | | |
| 2018 | V8-4.0 | Upstream | LH | 24332 | | |
| | | | RH | 24332 | | |
| | | Downstream | LH | 25232 | | |
| | | | RH | 25232 | | |
| 2017-16 | V8-4.0 | Upstream | LH | 24332 | | |
| | | | RH | 24332 | | |
| | | Downstream | LH | 25232 | | |
| | | | RH | 25232 | | |
| | V8-5.5 | Upstream | LH | 24329 | | |
| | | | RH | 24329 | | |
| | | Downstream | LH | 25208 | | |
| | | | RH | 25208 | | |
| V12-6.0 | Upstream | LH | 24330 | | | |
| | | RH | 24330 | | | |
| | Downstream | LH | 25759 | | | |
| | | RH | 25759 | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------|------------|---------------|----------------------------|--------|-------|
| MERCEDES-BENZ (Cont'd) | | | | | |
| G-Class (SUV) (Cont'd) | | | | | |
| 2015-13 | V8-5.5 | Upstream | LH Turbo | 24329 | |
| | | | LH Non-Turbo | 24330 | |
| | | | RH Turbo | 24329 | |
| | | | RH Non-Turbo | 24331 | |
| | | Downstream | LH Turbo | 25208 | |
| | | | LH Non-Turbo | 25715 | |
| | | | RH Turbo | 25208 | |
| | | | RH Non-Turbo | 25715 | |
| 2012 | V8-5.5 | Upstream | LH Non-Turbo | 24330 | |
| | | | RH Non-Turbo | 24331 | |
| | | Downstream | LH Non-Turbo | 25715 | |
| | | | RH Non-Turbo | 25715 | |
| 2011-09 | V8-5.5 | Upstream | LH G55 AMG; Supercharged | 25617 | |
| | | | LH G550; Exc. Supercharged | 24330 | |
| | | | RH G55 AMG; Supercharged | 25617 | |
| | | | RH G550; Exc. Supercharged | 24331 | |
| | | Downstream | LH G55 AMG; Supercharged | 25616 | |
| | | | LH G550; Exc. Supercharged | 25715 | |
| | | | RH G55 AMG; Supercharged | 25616 | |
| | | | RH G550; Exc. Supercharged | 25715 | |
| 2008-05 | All Eng | Upstream | LH | 25617 | |
| | | | RH | 25617 | |
| | | Downstream | LH | 25616 | |
| | | | RH | 25616 | |
| 2004 | All Eng | Upstream | LH To Chassis #144225 | 25616 | |
| | | | LH From Chassis #144226 | 25617 | |
| | | | RH To Chassis #144225 | 25616 | |
| | | | RH From Chassis #144226 | 25617 | |
| | | Downstream | LH To Chassis #144225 | 25617 | |
| | | | LH From Chassis #144226 | 25616 | |
| | | | RH To Chassis #144225 | 25617 | |
| | | | RH From Chassis #144226 | 25616 | |
| 2003-02 | All Eng | Upstream | LH | 25616 | |
| | | | RH | 25616 | |
| | | Downstream | LH | 25617 | |
| | | | RH | 25617 | |
| GLA-Class | | | | | |
| 2017-15 | L4-2.0 | Upstream | | 24330 | |
| | | Downstream | | 25757 | |
| GLC-Class | | | | | |
| 2017-16 | L4-2.0 | Upstream | | 24331 | |
| | | Downstream | | 25758 | |
| GL-Class (SUV) | | | | | |
| 2016 | V6-3.0 | Upstream | LH | 24330 | |
| | | | RH | 24329 | |
| | | Downstream | LH | 25227 | |
| | | | RH | 25236 | |
| | | V8-4.6 | Upstream | LH | 24329 |
| | | | | RH | 24329 |
| | Downstream | | LH | 25220 | |
| | | RH | 25220 | | |
| | V8-5.5 | Upstream | LH | 24329 | |
| | | | RH | 24329 | |
| | | Downstream | LH | 25220 | |
| | RH | | 25220 | | |
| 2015 | V6-3.0 | Upstream | LH | 24330 | |
| | | | RH | 24329 | |
| | | Downstream | LH | 25227 | |
| | | | RH | 25203 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--------------------------------|-----------------|-----------------|-----------------|-----------------------------|-----------------------------|
| MERCEDES-BENZ (Cont'd) | | | | | |
| GL-Class (SUV) (Cont'd) | | | | | |
| 2015 | V8-4.6 | Upstream | LH | 24329 | |
| | | | RH | 24329 | |
| | | Downstream | LH | 25220 | |
| | | | RH | 25220 | |
| | V8-5.5 | Upstream | LH | 24329 | |
| | | | RH | 24329 | |
| | | Downstream | LH | 25220 | |
| | | | RH | 25220 | |
| 2014-13 | V8-4.6 | Upstream | LH | 24329 | |
| | | | RH | 24329 | |
| | | Downstream | LH | 25220 | |
| | | | RH | 25220 | |
| | V8-5.5 | Upstream | LH | 24329 | |
| | | | RH | 24329 | |
| | | Downstream | LH | 25220 | |
| | | | RH | 25220 | |
| 2012-11 | V8-4.6 | Upstream | LH | 24330 | |
| | | | RH | 24330 | |
| | | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| | V8-5.5 | Upstream | LH | 24330 | |
| | | | RH | 24330 | |
| | | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| 2010-08 | V6-3.0 | Upstream | | Diesel (1 Upstream O2 Only) | 24330 |
| | | V8-4.6 | Upstream | LH | 24330 |
| | RH | | | 24330 | |
| | V8-5.5 | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| | | Upstream | LH | 24330 | |
| | | | RH | 24330 | |
| | 2007 | V6-3.0 | Upstream | | Diesel (1 Upstream O2 Only) |
| V8-4.6 | | | Upstream | LH | 24330 |
| | | RH | | 24330 | |
| Downstream | | LH | 25186 | | |
| | RH | 25186 | | | |
| GLE-Class | | | | | |
| 2017 | V6-3.0 | Upstream | LH Hybrid & Gas | 24330 | |
| | | | RH Hybrid & Gas | 24329 | |
| | | Downstream | LH Hybrid | 25230 | |
| | | | RH Gas | 25227 | |
| | | RH Hybrid & Gas | | 25236 | |
| | | | V6-3.5 | Upstream | LH |
| | RH | 24329 | | | |
| | Downstream | LH | | 25203 | |
| | | RH | 25203 | | |
| | V8-4.6 | Upstream | LH | 24329 | |
| | | | RH | 24329 | |
| | | Downstream | LH | 25220 | |
| RH | | | 25220 | | |
| V8-5.5 | Upstream | LH | 24329 | | |
| | | RH | 24329 | | |
| | Downstream | LH | 25220 | | |
| | | RH | 25220 | | |
| 2016 | L4-2.1 | Upstream | | Diesel (1 Upstream O2 Only) | 27057 |
| | | V6-3.0 | Upstream | | Diesel (1 Upstream O2 Only) |
| | LH Hybrid & Gas | | | 24330 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-------------------------------|------------|---------------|---------------|-----------------------------|-----------------------------|-------|
| MERCEDES-BENZ (Cont'd) | | | | | | |
| GLE-Class (Cont'd) | | | | | | |
| 2016 | V6-3.0 | Upstream | RH | Hybrid & Gas | 24329 | |
| | | | Downstream | LH | Hybrid | 25230 |
| | | RH | | Gas | 25227 | |
| | | | V6-3.5 | Upstream | LH | |
| | RH | Hybrid & Gas | | | 25236 | |
| | Downstream | LH | | | 25203 | |
| | | RH | | | 25203 | |
| | V8-4.6 | Upstream | LH | | 24329 | |
| | | | RH | | 24329 | |
| | | Downstream | LH | | 25220 | |
| | | | RH | | 25220 | |
| | V8-5.5 | Upstream | LH | | 24329 | |
| | | | RH | | 24329 | |
| | | Downstream | LH | | 25220 | |
| RH | | | | 25220 | | |
| GLK-Class (SUV) | | | | | | |
| 2015-13 | L4-2.1 | Upstream | | Diesel (1 Upstream O2 Only) | 27057 | |
| | | V6-3.5 | Upstream | LH | 24330 | |
| | RH | | | 24330 | | |
| | Downstream | LH | 25220 | | | |
| RH | | 25220 | | | | |
| 2012-10 | V6-3.5 | Upstream | LH | 24330 | | |
| | | | RH | 24330 | | |
| | Downstream | LH | 25186 | | | |
| | | RH | 25186 | | | |
| GLS-Class | | | | | | |
| 2017 | V8-4.6 | Upstream | LH | 24329 | | |
| | | | RH | 24329 | | |
| | | Downstream | LH | 25220 | | |
| | | | RH | 25220 | | |
| | V8-5.5 | Upstream | LH | 24329 | | |
| | | | RH | 24329 | | |
| | | Downstream | LH | 25220 | | |
| | | | RH | 25220 | | |
| M-Class (SUV) | | | | | | |
| 2015 | L4-2.1 | Upstream | | Diesel (1 Upstream O2 Only) | 27057 | |
| | | V6-3.0 | Upstream | LH | 24330 | |
| | RH | | | 24329 | | |
| | Downstream | | LH | 25227 | | |
| | | | RH | 25203 | | |
| | V8-4.6 | Upstream | LH | 24329 | | |
| | | | RH | 24329 | | |
| | | Downstream | LH | 25220 | | |
| | | | RH | 25220 | | |
| | V8-5.5 | Upstream | LH | 24329 | | |
| | | | RH | 24329 | | |
| | | Downstream | LH | 25220 | | |
| | | | RH | 25220 | | |
| | 2014-12 | V6-3.0 | Upstream | | Diesel (1 Upstream O2 Only) | 24377 |
| | | | V6-3.5 | Upstream | LH | 24329 |
| | | RH | | | 24329 | |
| Downstream | | LH | | 25203 | | |
| | | RH | | 25203 | | |
| V8-4.6 | | Upstream | LH | 24329 | | |
| | | | RH | 24329 | | |
| | | Downstream | LH | 25220 | | |
| | | | RH | 25220 | | |
| V8-5.5 | | Upstream | | LH | 24329 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------|------------|---------------|---------------|--|-------|
| MERCEDES-BENZ (Cont'd) | | | | | |
| M-Class (SUV) (Cont'd) | | | | | |
| 2014-12 | V8-5.5 | Upstream | RH | 24329 | |
| | | Downstream | LH | 25220 | |
| | | | RH | 25220 | |
| 2011 | V6-3.5 | Upstream | LH | ML350 | 24330 |
| | | | RH | ML450 | 24331 |
| | | | RH | ML350 | 24330 |
| | | Downstream | LH | ML450 | 24331 |
| | | | LH | ML350 | 25186 |
| | | | RH | ML450 | 23567 |
| | V8-5.5 | Upstream | LH | ML350 | 25186 |
| | | | RH | ML450 | 23567 |
| | | Downstream | LH | ML350 | 25186 |
| | | | RH | ML450 | 23567 |
| V8-6.3 | Upstream | LH | ML350 | 24330 | |
| | | RH | ML450 | 24330 | |
| | Downstream | LH | ML350 | 25186 | |
| | | RH | ML450 | 25186 | |
| 2010 | V6-3.0 | Upstream | | Diesel (1 Upstream O2 Only) | 24329 |
| | | V6-3.5 | Upstream | LH | ML350 |
| | RH | | | ML450; To 7/31/09; To Chassis #A542009 | 24330 |
| | RH | | | ML450; From 7/31/09; From Chassis #A542010 | 24331 |
| | Downstream | | LH | ML350 | 24330 |
| | | | RH | ML450; To 10/5/09; To Chassis #558726 | 24332 |
| | | | RH | ML450; From 10/5/09; To Chassis #558727 | 24331 |
| | V8-5.5 | Upstream | LH | ML350 | 25186 |
| | | | RH | ML450 | 23567 |
| | | Downstream | LH | ML350 | 25186 |
| RH | | | ML450 | 23567 | |
| V8-6.3 | Upstream | LH | ML350 | 24330 | |
| | | RH | ML450 | 24330 | |
| | Downstream | LH | ML350 | 25186 | |
| | | RH | ML450 | 25186 | |
| 2009 | V6-3.0 | Upstream | | Diesel (1 Upstream O2 Only) | 24329 |
| | | V6-3.5 | Upstream | LH | 24330 |
| | RH | | | 24330 | |
| | Downstream | | LH | 25186 | |
| | | | RH | 25186 | |
| | V8-5.5 | Upstream | LH | 24330 | |
| | | | RH | 24330 | |
| | | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| | V8-6.3 | Upstream | LH | 24330 | |
| RH | | | 24330 | | |
| Downstream | | LH | 25186 | | |
| | | RH | 25186 | | |
| 2008 | V6-3.0 | Upstream | | Diesel (1 Upstream O2 Only) | 24330 |
| | | V6-3.5 | Upstream | LH | 24330 |
| | RH | | | 24330 | |
| | Downstream | | LH | 25186 | |
| | | | RH | 25186 | |
| | V8-5.5 | Upstream | | LH | 24330 |



| Year | Eng | Position/Bank | | Fitment Notes | Part # | |
|-------------------------------|------------|---------------|------------|---------------|-----------------------------|-------|
| MERCEDES-BENZ (Cont'd) | | | | | | |
| M-Class (SUV) (Cont'd) | | | | | | |
| 2008 | V8-5.5 | Upstream | RH | | 24330 | |
| | | | Downstream | LH | 25186 | |
| | | | | RH | 25186 | |
| | V8-6.3 | Upstream | LH | | 24330 | |
| | | | RH | | 24330 | |
| | | Downstream | LH | | 25186 | |
| | RH | | | 25186 | | |
| | 2007 | V6-3.0 | Upstream | | Diesel (1 Upstream O2 Only) | 24330 |
| | | | Downstream | | | |
| V6-3.5 | | Upstream | LH | | 24330 | |
| | | | RH | | 24330 | |
| | | Downstream | LH | | 25186 | |
| | | | RH | | 25186 | |
| V8-5.0 | | Upstream | LH | | 25616 | |
| | | | RH | | 25616 | |
| | | Downstream | LH | | 25613 | |
| | | | RH | | 25613 | |
| V8-6.3 | | Upstream | LH | | 24330 | |
| | | | RH | | 24330 | |
| | | Downstream | LH | | 25186 | |
| | | | RH | | 25186 | |
| 2006 | | V6-3.5 | Upstream | LH | | 24330 |
| | RH | | | | 24330 | |
| | Downstream | | LH | | 25186 | |
| | | | RH | | 25186 | |
| | V8-5.0 | Upstream | LH | | 24330 | |
| | | | RH | | 24330 | |
| | | Downstream | LH | | 25186 | |
| | | | RH | | 25186 | |
| | | | RH | | 25186 | |
| 2005 | V6-3.7 | Upstream | LH | | 25617 | |
| | | | RH | | 25617 | |
| | | Downstream | LH | | 25617 | |
| | | | RH | | 25617 | |
| | V8-5.0 | Upstream | LH | | 24330 | |
| | | | RH | | 24330 | |
| | | Downstream | LH | | 25186 | |
| | | | RH | | 25186 | |
| 2004 | V6-3.7 | Upstream | LH | | 25617 | |
| | | | RH | | 25617 | |
| | | Downstream | LH | | 25617 | |
| | | | RH | | 25617 | |
| | V8-5.0 | Upstream | LH | | 25617 | |
| | | | RH | | 25617 | |
| | | Downstream | LH | | 25617 | |
| | | | RH | | 25617 | |
| 2003 | V6-3.2 | Upstream | LH | | 25617 | |
| | | | RH | | 25617 | |
| | | Downstream | LH | | 25617 | |
| | | | RH | | 25617 | |
| | | V6-3.7 | Upstream | LH | | 25617 |
| | | | | RH | | 25617 |
| | Downstream | | LH | | 25617 | |
| | | | RH | | 25617 | |
| | V8-5.0 | Upstream | LH | | 25617 | |
| | | | RH | | 25617 | |
| | | Downstream | LH | | 25617 | |
| | | | RH | | 25617 | |
| | V8-5.5 | Upstream | LH | | 25567 | |
| | | | RH | | 25567 | |
| | | Downstream | LH | | 25567 | |
| | | | RH | | 25567 | |

| Year | Eng | Position/Bank | | Fitment Notes | Part # | | | |
|-------------------------------|------------|---------------|----------|-----------------------------|--------|-------|--|-------|
| MERCEDES-BENZ (Cont'd) | | | | | | | | |
| M-Class (SUV) (Cont'd) | | | | | | | | |
| 2002 | V6-3.2 | Upstream | LH | | 25617 | | | |
| | | | RH | | 25617 | | | |
| | | Downstream | LH | | 25617 | | | |
| | | | RH | | 25617 | | | |
| | | V8-5.0 | Upstream | LH | | 25617 | | |
| | | | | RH | | 25617 | | |
| | Downstream | | LH | | 25617 | | | |
| | | | RH | | 25617 | | | |
| | V8-5.5 | Upstream | LH | | 25567 | | | |
| | | | RH | | 25567 | | | |
| | | Downstream | LH | | 25567 | | | |
| | | | RH | | 25567 | | | |
| | 2001 | V6-3.2 | Upstream | LH | | 25617 | | |
| | | | | RH | | 25617 | | |
| Downstream | | | LH | | 25617 | | | |
| | | | RH | | 25617 | | | |
| V8-4.3 | | Upstream | LH | | 25617 | | | |
| | | | RH | | 25617 | | | |
| | | Downstream | LH | | 25617 | | | |
| RH | | | | 25617 | | | | |
| V8-5.5 | | Upstream | LH | | 25567 | | | |
| | | | RH | | 25567 | | | |
| | Downstream | LH | | 25567 | | | | |
| 2000-98 | All Eng | Upstream | LH | | 25567 | | | |
| | | | RH | | 25567 | | | |
| | | Downstream | LH | | 25567 | | | |
| | | | RH | | 25567 | | | |
| Metris | | | | | | | | |
| 2017-16 | L4-2.0 | Upstream | | | 24331 | | | |
| | | Downstream | | | 25758 | | | |
| R-Class | | | | | | | | |
| 2013-12 | V6-3.5 | Upstream | LH | | 24329 | | | |
| | | | RH | | 24329 | | | |
| | | Downstream | LH | | 25203 | | | |
| | | | RH | | 25203 | | | |
| 2011-10 | V6-3.5 | Upstream | LH | | 24330 | | | |
| | | | RH | | 24330 | | | |
| | | Downstream | LH | | 25186 | | | |
| | | | RH | | 25186 | | | |
| 2009 | V6-3.0 | Upstream | | Diesel (1 Upstream O2 Only) | 24329 | | | |
| | | Downstream | | | | | | |
| | V6-3.5 | Upstream | LH | | 24330 | | | |
| | | | RH | | 24330 | | | |
| Downstream | LH | | 25186 | | | | | |
| | RH | | 25186 | | | | | |
| 2008 | V6-3.0 | Upstream | | Diesel (1 Upstream O2 Only) | 24330 | | | |
| | | Downstream | | | | | | |
| | | V6-3.5 | Upstream | | | LH | | 24330 |
| | | | | | | RH | | 24330 |
| | Downstream | LH | | 25186 | | | | |
| | | RH | | 25186 | | | | |
| | V8-5.5 | Upstream | LH | | 24330 | | | |
| | | | RH | | 24330 | | | |
| Downstream | | LH | | 25186 | | | | |
| | | RH | | 25186 | | | | |
| 2007 | V6-3.0 | Upstream | | Diesel (1 Upstream O2 Only) | 24330 | | | |
| | | Downstream | | | | | | |
| | V6-3.5 | Upstream | LH | | 24330 | | | |
| | | | RH | | 24330 | | | |
| Downstream | LH | | 25186 | | | | | |
| | RH | | 25186 | | | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-------------------------------|---------|---------------|---------------|--------------------------------------|-------------|-------|
| MERCEDES-BENZ (Cont'd) | | | | | | |
| R-Class (Cont'd) | | | | | | |
| 2007 | V8-5.0 | Upstream | LH | 25616 | | |
| | | | RH | 25616 | | |
| | | Downstream | LH | 25613 | | |
| | | | RH | 25613 | | |
| | V8-6.3 | Upstream | LH | 24330 | | |
| | | | RH | 24330 | | |
| | | Downstream | LH | 25186 | | |
| | | | RH | 25186 | | |
| 2006 | V6-3.5 | Upstream | LH | 24330 | | |
| | | | RH | 24330 | | |
| | | Downstream | LH | 25186 | | |
| | | | RH | 25186 | | |
| | V8-5.0 | Upstream | LH | 25616 | | |
| | | | RH | 25616 | | |
| | | Downstream | LH | 25613 | | |
| | | | RH | 25613 | | |
| S-Class | | | | | | |
| 2017 | V8-4.6 | Upstream | LH | 24330 | | |
| | | | RH | 7-Speed A/T 24330 | | |
| | | | RH | 9-Speed A/T 24329 | | |
| | | Downstream | LH | 25220 | | |
| | | | RH | 25220 | | |
| | | | RH | 25220 | | |
| | V8-5.5 | Upstream | LH | 24330 | | |
| | | | RH | 24330 | | |
| | | Downstream | LH | 25220 | | |
| | | | RH | 25220 | | |
| | V12-6.0 | Upstream | LH | 24330 | | |
| | | | RH | 24330 | | |
| | | Downstream | LH | 25757 | | |
| | | | RH | 25757 | | |
| | 2016-15 | V8-4.6 | Upstream | LH | 24330 | |
| | | | | RH | 24330 | |
| Downstream | | | LH | 25220 | | |
| | | | RH | 25220 | | |
| V8-5.5 | | | Upstream | LH | 24330 | |
| | | | | RH | 24330 | |
| | | Downstream | LH | 25220 | | |
| | | | RH | 25220 | | |
| V12-6.0 | | Upstream | LH | 24330 | | |
| | | | RH | 24330 | | |
| | | Downstream | LH | 25757 | | |
| | | | RH | 25757 | | |
| 2014 | V8-4.6 | Upstream | LH | 24330 | | |
| | | | RH | 24330 | | |
| | | Downstream | LH | 25220 | | |
| | | | RH | 25220 | | |
| | V8-5.5 | Upstream | LH | 24330 | | |
| | | | RH | 24330 | | |
| | | Downstream | LH | 25220 | | |
| | | | RH | 25220 | | |
| 2013-12 | V6-3.0 | Upstream | | Diesel (1 Upstream O2 Only) 27057 | | |
| | | V6-3.5 | | Upstream | LH 24329 | |
| | | | | RH | 24330 | |
| | | | Downstream | LH | 25186 | |
| | | | | RH | 25186 | |
| | | | V8-4.6 | Upstream | LH 24330 | |
| | | | | | RH | 24330 |
| | | | | Downstream | LH | 25220 |
| | | | | | RH | 25220 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------|------------|---------------|------------------|------------------------|-------|
| MERCEDES-BENZ (Cont'd) | | | | | |
| S-Class (Cont'd) | | | | | |
| 2013-12 | V8-5.5 | Upstream | LH | 24330 | |
| | | | RH | 24330 | |
| | | Downstream | LH | 25220 | |
| | | | RH | 25220 | |
| | | V12-5.5 | Upstream | LH | 25617 |
| | | | | RH | 25617 |
| | Downstream | | LH | 25617 | |
| | | | RH | 25617 | |
| | V12-6.0 | Upstream | LH | 25617 | |
| | | | RH | 25617 | |
| | | Downstream | LH | 25617 | |
| | | | RH | 25617 | |
| | 2011 | V6-3.5 | Upstream | LH | 24329 |
| | | | | RH | 24330 |
| | | | Downstream | LH | 25186 |
| | | | | RH | 25186 |
| | | V8-4.6 | Upstream | LH | 24330 |
| | | | | RH | 24329 |
| Downstream | | | LH | 25186 | |
| | | | RH | 25186 | |
| V8-5.5 | | Upstream | LH | S550, S63 AMG 24330 | |
| | | | RH | S550; AWD 24329 | |
| | | | RH | S550; RWD 24330 | |
| | | Downstream | LH | S550 25186 | |
| | RH | | S63 AMG 25220 | | |
| | RH | | S550 25186 | | |
| V12-5.5 | Upstream | LH | 25617 | | |
| | | RH | 25617 | | |
| | Downstream | LH | 25617 | | |
| | | RH | 25617 | | |
| V12-6.0 | Upstream | LH | 25617 | | |
| | | RH | 25617 | | |
| | Downstream | LH | 25617 | | |
| | | RH | 25617 | | |
| 2010 | V6-3.5 | Upstream | LH | 24329 | |
| | | | RH | 24330 | |
| | | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| | V8-4.6 | Upstream | LH | 24330 | |
| | | | RH | 24329 | |
| | | Downstream | LH | 25186 | |
| | | | RH | 25186 | |
| | V8-5.5 | Upstream | LH | 24330 | |
| | | | RH | AWD 24329 | |
| | | Downstream | LH | RWD 24330 | |
| | | | RH | 25186 | |
| V8-6.3 | Upstream | LH | 24332 | | |
| | | RH | 24332 | | |
| | Downstream | LH | 25186 | | |
| | | RH | 25186 | | |
| V12-5.5 | Upstream | LH | 25617 | | |
| | | RH | 25617 | | |
| | Downstream | LH | 25617 | | |
| | | RH | 25617 | | |
| V12-6.0 | Upstream | LH | 25617 | | |
| | | RH | 25617 | | |
| | Downstream | LH | 25617 | | |
| | | RH | 25617 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------------|------------|---------------|---------------|--------|
| MERCEDES-BENZ (Cont'd) | | | | |
| S-Class (Cont'd) | | | | |
| 2010 | V12-6.0 | Downstream | RH | 25617 |
| 2009-08 | V8-4.6 | Upstream | LH | 24330 |
| | | | RH | 24329 |
| | | Downstream | LH | 25186 |
| | | | RH | 25186 |
| | V8-5.5 | Upstream | LH | 24330 |
| | | | RH | 24330 |
| | | Downstream | LH | 25186 |
| | | | RH | 25186 |
| | V8-6.3 | Upstream | LH | 24332 |
| | | | RH | 24332 |
| | | Downstream | LH | 25186 |
| | | | RH | 25186 |
| | V12-5.5 | Upstream | LH | 25617 |
| | | | RH | 25617 |
| | | | AWD | 24329 |
| | | Downstream | LH | 25617 |
| | | | RH | 25617 |
| | | | RWD | 24329 |
| | V12-6.0 | Upstream | LH | 25617 |
| | | | RH | 25617 |
| RH | | | 25617 | |
| Downstream | | LH | 25617 | |
| | | RH | 25617 | |
| | | RH | 25617 | |
| 2007 | V8-5.5 | Upstream | LH | 24330 |
| | | | RH | 24329 |
| | | Downstream | LH | 25186 |
| | | | RH | 25186 |
| | V12-5.5 | Upstream | LH | 25617 |
| | | | RH | 25617 |
| | | Downstream | LH | 25617 |
| | | | RH | 25617 |
| | V12-6.0 | Upstream | LH | 25617 |
| | | | RH | 25617 |
| | | Downstream | LH | 25617 |
| | | | RH | 25617 |
| 2006 | V6-3.7 | Upstream | LH | 24330 |
| | | | RH | 24330 |
| | | Downstream | LH | 25186 |
| | | | RH | 25186 |
| | V8-4.3 | Upstream | LH | 25617 |
| | | | RH | 25617 |
| | | Downstream | LH | 25617 |
| | | | RH | 25617 |
| | V8-5.0 | Upstream | LH | 25617 |
| | | | RH | 25617 |
| | | Downstream | LH | 25617 |
| | | | RH | 25617 |
| | V8-5.5 | Upstream | LH | 25617 |
| | | | RH | 25617 |
| | | Downstream | LH | 25617 |
| | | | RH | 25617 |
| | | | RH | 25617 |
| | | | RH | 25617 |
| V12-5.5 | Upstream | LH | 25617 | |
| | | RH | 25617 | |
| | | RH | 25617 | |
| | Downstream | LH | 25617 | |
| | | RH | 25617 | |
| | | RH | 25617 | |
| V12-6.0 | Upstream | LH | 25617 | |
| | | RH | 25617 | |
| | | RH | 25617 | |
| | Downstream | LH | 25617 | |
| | | RH | 25617 | |
| | | RH | 25617 | |
| 2005-01 | All Engs | Upstream | LH | 25617 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-------------------------------|------------|---------------|---------------|------------|-------|-------|
| MERCEDES-BENZ (Cont'd) | | | | | | |
| S-Class (Cont'd) | | | | | | |
| 2005-01 | All Engs | Upstream | RH | 25617 | | |
| | | | Downstream | LH | 25617 | |
| | | Downstream | RH | 25617 | | |
| 2000 | All Engs | Upstream | LH | 25568 | | |
| | | | RH | 25568 | | |
| | | Downstream | LH | 25567 | | |
| | | | RH | 25567 | | |
| | | 1999-97 | L6-3.2 | Upstream | | 25568 |
| | | | | Downstream | | 25568 |
| V8-4.2 | Upstream | | LH | 25568 | | |
| | | | RH | 25568 | | |
| | Downstream | | LH | 25564 | | |
| | | | RH | 25567 | | |
| V8-5.0 | Upstream | | LH | 25568 | | |
| | | | RH | 25568 | | |
| | Downstream | | LH | 25564 | | |
| | | | RH | 25567 | | |
| V12-6.0 | Upstream | | LH | 25567 | | |
| | | | RH | 25567 | | |
| | | RH | 25568 | | | |
| | Downstream | LH | 25568 | | | |
| | | RH | 25568 | | | |
| | | RH | 25568 | | | |
| 1996 | L6-3.2 | Upstream | | 25563 | | |
| | | Downstream | | 25563 | | |
| | V8-4.2 | Upstream | LH | 25568 | | |
| | | | RH | 25568 | | |
| | | Downstream | LH | 25564 | | |
| | | | RH | 25567 | | |
| | V8-5.0 | Upstream | LH | 25568 | | |
| | | | RH | 25568 | | |
| | | Downstream | LH | 25564 | | |
| | | | RH | 25567 | | |
| | V12-6.0 | Upstream | LH | 25567 | | |
| | | | RH | 25567 | | |
| RH | | | 25568 | | | |
| Downstream | | LH | 25568 | | | |
| | | RH | 25568 | | | |
| | | RH | 25568 | | | |
| 1995 | L6-3.2 | Upstream | | 25563 | | |
| | | Downstream | | 25570 | | |
| | V8-4.2 | Upstream | | 25534 | | |
| | V8-5.0 | Upstream | | 25534 | | |
| | V12-6.0 | Upstream | LH | 25534 | | |
| | | | RH | 25534 | | |
| | 1994 | L6-3.2 | Upstream | | 25534 | |
| | | | Downstream | | 25570 | |
| V8-4.2 | | Upstream | | 25534 | | |
| V8-5.0 | | Upstream | | 25534 | | |
| V12-6.0 | | Upstream | LH | 25534 | | |
| | | | RH | 25534 | | |
| V12-6.0 | | Upstream | LH | 25534 | | |
| | | | RH | 25534 | | |
| SLC-Class | | | | | | |
| 2017 | L4-2.0 | Upstream | | 24331 | | |
| | | Downstream | | 25758 | | |
| SL-Class | | | | | | |
| 2017 | V8-4.6 | Upstream | LH | LHD | 24330 | |
| | | | | RHD | 24331 | |
| | | | RH | | 24330 | |
| | | Downstream | LH | | 25235 | |
| | | | RH | | 25235 | |
| | | | RH | | 25235 | |
| | V8-5.5 | Upstream | LH | LHD | 24330 | |
| | | | | RHD | 24331 | |
| | | Downstream | LH | | 24330 | |
| | | | RH | | 24330 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------------|------------|---------------|---------------|--------|
| MERCEDES-BENZ (Cont'd) | | | | |
| SL-Class (Cont'd) | | | | |
| 2017 | V8-5.5 | Downstream | LH | 25220 |
| | | | RH | 25220 |
| | V12-6.0 | Upstream | LH | 24330 |
| | | | RH | 24330 |
| | | Downstream | LH | 25757 |
| | | | RH | 25757 |
| 2016-14 | V8-4.6 | Upstream | LH LHD | 24330 |
| | | | RH | 24330 |
| | | | RHD | 24331 |
| | | Downstream | LH | 25220 |
| | | | RH | 25220 |
| | | | RH | 25220 |
| | V8-5.5 | Upstream | LH LHD | 24330 |
| | | | RH | 24330 |
| | | | RHD | 24331 |
| | | Downstream | LH | 25220 |
| | | | RH | 25220 |
| | | | RH | 25220 |
| V12-6.0 | Upstream | LH | 24330 | |
| | | RH | 24330 | |
| | Downstream | LH | 25757 | |
| | | RH | 25757 | |
| 2013 | V8-4.6 | Upstream | LH LHD | 24330 |
| | | | RH | 24330 |
| | | | RHD | 24331 |
| | | Downstream | LH | 25220 |
| | | | RH | 25220 |
| | | | RH | 25220 |
| | V8-5.5 | Upstream | LH LHD | 24330 |
| | | | RH | 24330 |
| | | | RHD | 24331 |
| | | Downstream | LH | 25220 |
| | | | RH | 25220 |
| | | | RH | 25220 |
| V12-6.0 | Upstream | LH | 24330 | |
| | | RH | 24330 | |
| | Downstream | LH | 25758 | |
| | | RH | 25758 | |
| 2012 | V8-5.5 | Upstream | LH | 24330 |
| | | | RH | 24330 |
| | | | RH | 25186 |
| | | Downstream | LH | 25186 |
| | | | RH | 25186 |
| | | | RH | 25186 |
| | V8-6.3 | Upstream | LH | 24332 |
| | | | RH | 24332 |
| | | | RH | 24332 |
| | | Downstream | LH | 25186 |
| | | | RH | 25186 |
| | | | RH | 25186 |
| 2011-09 | V8-5.5 | Upstream | LH | 24330 |
| | | | RH | 24330 |
| | | | RH | 25186 |
| | | Downstream | LH | 25186 |
| | | | RH | 25186 |
| | | | RH | 25186 |
| | V8-6.3 | Upstream | LH | 24332 |
| | | | RH | 24332 |
| | | | RH | 24332 |
| | | Downstream | LH | 25186 |
| | | | RH | 25186 |
| | | | RH | 25186 |
| V12-5.5 | Upstream | LH | 25617 | |
| | | RH | 25617 | |
| | | RH | 25617 | |
| | Downstream | LH | 25617 | |
| | | RH | 25617 | |
| | | RH | 25617 | |
| V12-6.0 | Upstream | LH | 25617 | |
| | | RH | 25617 | |
| | | RH | 25617 | |
| | Downstream | LH | 25617 | |
| | | RH | 25617 | |
| | | RH | 25617 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-------------------------------|------------|---------------|------------------------|------------|----|-------|
| MERCEDES-BENZ (Cont'd) | | | | | | |
| SL-Class (Cont'd) | | | | | | |
| 2008-07 | V8-5.5 | Upstream | LH SL55 AMG | 25617 | | |
| | | | RH SL550 | 24330 | | |
| | | | RH SL55 AMG | 25617 | | |
| | | | RH SL550 | 24330 | | |
| | | | Downstream LH SL55 AMG | 25613 | | |
| | | | RH SL550 | 25186 | | |
| | | Downstream | RH SL55 AMG | 25613 | | |
| | | | RH SL550 | 25186 | | |
| | | | V12-5.5 | Upstream | LH | 25617 |
| | | | | | RH | 25617 |
| | | | | | RH | 25617 |
| | | | | Downstream | LH | 25617 |
| | RH | 25617 | | | | |
| | RH | 25617 | | | | |
| | V12-6.0 | Upstream | LH | 25617 | | |
| | | | RH | 25617 | | |
| | | | RH | 25617 | | |
| | | Downstream | LH | 25617 | | |
| RH | | | 25617 | | | |
| RH | | | 25617 | | | |
| 2006-05 | V8-5.0 | Upstream | LH | 25617 | | |
| | | | RH | 25617 | | |
| | | | RH | 25613 | | |
| | | Downstream | LH | 25613 | | |
| | | | RH | 25613 | | |
| | | | RH | 25613 | | |
| | V8-5.5 | Upstream | LH | 25617 | | |
| | | | RH | 25617 | | |
| | | | RH | 25613 | | |
| | | Downstream | LH | 25613 | | |
| | | | RH | 25613 | | |
| | | | RH | 25613 | | |
| V12-5.5 | Upstream | LH | 25617 | | | |
| | | RH | 25617 | | | |
| | | RH | 25617 | | | |
| | Downstream | LH | 25617 | | | |
| | | RH | 25617 | | | |
| | | RH | 25617 | | | |
| V12-6.0 | Upstream | LH | 25617 | | | |
| | | RH | 25617 | | | |
| | | RH | 25617 | | | |
| | Downstream | LH | 25617 | | | |
| | | RH | 25617 | | | |
| | | RH | 25617 | | | |
| 2004 | V8-5.0 | Upstream | LH | 25617 | | |
| | | | RH | 25617 | | |
| | | | RH | 25613 | | |
| | | Downstream | LH | 25613 | | |
| | | | RH | 25613 | | |
| | | | RH | 25613 | | |
| | V8-5.5 | Upstream | LH | 25617 | | |
| | | | RH | 25617 | | |
| | | | RH | 25613 | | |
| | | Downstream | LH | 25613 | | |
| | | | RH | 25613 | | |
| | | | RH | 25613 | | |
| V12-5.5 | Upstream | LH | 25617 | | | |
| | | RH | 25617 | | | |
| | | RH | 25617 | | | |
| | Downstream | LH | 25617 | | | |
| | | RH | 25617 | | | |
| | | RH | 25617 | | | |
| 2003 | V8-5.0 | Upstream | LH | 25617 | | |
| | | | RH | 25617 | | |
| | | | RH | 25613 | | |
| | | Downstream | LH | 25613 | | |
| | | | RH | 25613 | | |
| | | | RH | 25613 | | |
| | V8-5.5 | Upstream | LH | 25617 | | |
| | | | RH | 25617 | | |
| | | | RH | 25613 | | |
| | | Downstream | LH | 25613 | | |
| | | | RH | 25613 | | |
| | | | RH | 25613 | | |
| 2002-00 | V8-5.0 | Upstream | LH | 25546 | | |
| | | | RH | 25568 | | |
| | | | RH | 25564 | | |
| | | Downstream | LH | 25564 | | |
| | | | RH | 25564 | | |
| | | | RH | 25564 | | |
| | V12-6.0 | Upstream | LH | 25567 | | |
| | | | RH | 25567 | | |
| | | | RH | 25567 | | |
| | | Downstream | LH | 25567 | | |
| | | | RH | 25567 | | |
| | | | RH | 25567 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------|------------|---------------|---------------|--------------|-------|
| MERCEDES-BENZ (Cont'd) | | | | | |
| SL-Class (Cont'd) | | | | | |
| 1999 | V8-5.0 | Upstream | LH | 25567 | |
| | | | RH | 25567 | |
| | | Downstream | LH | 25564 | |
| | | | RH | 25564 | |
| | | V12-6.0 | Upstream | LH | 25567 |
| | | | | RH | 25567 |
| | Downstream | | LH | 25567 | |
| | | | RH | 25567 | |
| | 1998 | V8-5.0 | Upstream | LH | 25546 |
| | | | | RH | 25567 |
| | | | Downstream | LH | 25567 |
| | | | | RH | 25567 |
| V12-6.0 | | | Upstream | LH | 25567 |
| | | | | RH | 25567 |
| | | Downstream | LH | 25567 | |
| | | | RH | 25567 | |
| 1997 | | L6-3.2 | Upstream | | 25677 |
| | | | Downstream | | 25568 |
| | | V8-5.0 | Upstream | LH | 25546 |
| | | | | RH | 25567 |
| | Downstream | | LH | 25567 | |
| | | | RH | 25567 | |
| | V12-6.0 | Upstream | LH | 25567 | |
| | | | RH | 25567 | |
| | | Downstream | LH | 25567 | |
| | | | RH | 25567 | |
| | 1996 | L6-3.2 | Upstream | | 25677 |
| | | | Downstream | | 25677 |
| V8-5.0 | | Upstream | LH | 25546 | |
| | | | RH | 25567 | |
| | | Downstream | LH | 25567 | |
| | | | RH | 25567 | |
| V12-6.0 | | Upstream | LH | 25567 | |
| | | | RH | 25567 | |
| | | Downstream | LH | 25567 | |
| | | | RH | 25567 | |
| 1995-94 | | L6-3.2 | Upstream | | 25534 |
| | | | Downstream | | 25677 |
| | V8-5.0 | Upstream | | 25534 | |
| | | Upstream | LH | 25534 | |
| | V12-6.0 | Upstream | LH | 25534 | |
| | | | RH | 25534 | |
| SLK-Class | | | | | |
| 2016 | L4-2.0 | Upstream | | 24331 | |
| | | Downstream | | 25758 | |
| | V8-5.5 | Upstream | LH | 24375 | |
| | | | RH | LHD 24330 | |
| | | Downstream | LH | 25205 | |
| | | | RH | 25205 | |
| | | RHD | | 24375 | |
| | | | | | |
| | 2015 | L4-1.8 | Upstream | | 24322 |
| | | | Downstream | | 25206 |
| V8-5.5 | | Upstream | LH | 24375 | |
| | | | RH | LHD 24330 | |
| | | Downstream | LH | 25205 | |
| | | | RH | 25205 | |
| 2014-12 | L4-1.8 | Upstream | | 24322 | |
| | | Downstream | | 25206 | |
| | V6-3.5 | Upstream | LH | 24375 | |
| | | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------|------------|---------------|-----------------------------|----------|--------------|
| MERCEDES-BENZ (Cont'd) | | | | | |
| SLK-Class (Cont'd) | | | | | |
| 2014-12 | V6-3.5 | Upstream | RH | 24375 | |
| | | | Downstream | LH | 25220 |
| | | RH | | | 25220 |
| | | | V8-5.5 | Upstream | LH |
| | | RH | | | LHD 24330 |
| | | Downstream | | LH | RHD 24375 |
| | RH | | | 25205 | |
| | 2011-06 | V6-3.0 | Upstream | LH | 24330 |
| | | | | RH | LHD 24330 |
| | | | Downstream | LH | RHD 24332 |
| | | | | RH | 25186 |
| | | | RH | | 25186 |
| V6-3.5 | | | | Upstream | LH |
| | | RH | LHD 24330 | | |
| Downstream | | LH | RHD 24332 | | |
| | | RH | 25186 | | |
| 2005 | | V6-3.5 | Upstream | LH | 24330 |
| | | | | RH | LHD 24332 |
| | | | Downstream | LH | 24332 |
| | V8-5.5 | Upstream | LH | 25186 | |
| | | | RH | 25186 | |
| | | Downstream | LH | 25186 | |
| 2004-01 | L4-2.3 | Upstream | | 25617 | |
| | | Downstream | | 25617 | |
| | | | | | |
| | V6-3.2 | Upstream | LH | 25617 | |
| | | | RH | 25617 | |
| | | Downstream | LH | 25617 | |
| 2000 | L4-2.3 | Upstream | | 25617 | |
| | | Downstream | | 25617 | |
| | | | | | |
| | V6-3.5 | Upstream | LH | 25617 | |
| | | | RH | 25617 | |
| | | Downstream | LH | 25617 | |
| SLR McLaren | | | | | |
| 2009-05 | V8-5.5 | Upstream | LH | 25617 | |
| | | | RH | 25617 | |
| | Downstream | LH | 25613 | | |
| | | RH | 25613 | | |
| SLS AMG | | | | | |
| 2015-11 | V8-6.3 | Upstream | LH | 24332 | |
| | | | RH | 24332 | |
| | Downstream | LH | 23567 | | |
| | | RH | 23567 | | |
| Sprinter (2500, 3500) | | | | | |
| 2016-14 | L4-2.1 | Upstream | Diesel (1 Upstream O2 Only) | 24377 | |
| | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | 24366 | |
| 2013-10 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | 24366 | |
| MERCURY | | | | | |
| Bobcat | | | | | |
| 1980-79 | All Engs | Upstream | | 23552 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|---------------|-----------------------------------|------------------------|-------|
| MERCURY (Cont'd) | | | | | |
| Caliente, Comet, Commuter, Cruiser, Cyclone, Meteor, Medalist, Monterey, Voyager | | | | | |
| 2007-04 | All Eng | Upstream | LH | 22524 | |
| | | | RH | 22524 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| 2002-01 | V6-3.3 | Upstream | | 24521 | |
| | | Downstream | | 22516 | |
| 2000-99 | V6-3.3 | Upstream | Calif. | 24521 | |
| | | | Federal | 24519 | |
| | | Downstream | Calif. | 22516 | |
| | | | Federal | 24637 | |
| 1998 | V6-3.0 | Upstream | | 24043 | |
| | | Downstream | | 24637 | |
| 1997-96 | V6-3.0 | Upstream | | 24043 | |
| | | Downstream | | 22521 | |
| 1995 | V6-3.0 | Upstream | | 24043 | |
| 1994 | V6-3.0 | Upstream | To 11/93 (Titania O2; 29" Lgth) | 22027 | |
| | | | From 11/93; Zirconia O2; 10" Lgth | 24043 | |
| 1993 | V6-3.0 | Upstream | | 22027 | |
| Capri | | | | | |
| 1994-91 | L4-1.6 | Upstream | | 24006 | |
| 1986 | L4-2.3 | Upstream | | 23552 | |
| | | V6-3.8 | Upstream | 23552 | |
| | V8-5.0 | Upstream | LH | 22014 | |
| | | | RH | 22014 | |
| 1985-84 | All Eng | Upstream | 1-Wire | 23552 | |
| | | | 3-Wire | 22014 | |
| 1983-79 | All Eng | Upstream | | 23552 | |
| Cougar | | | | | |
| 2002-00 | L4-2.0 | Upstream | | 22060 | |
| | | Downstream | | 22500 | |
| | V6-2.5 | Upstream | LH | 22060 | |
| | | | RH | 22060 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| | 1999 | L4-2.0 | Upstream | | 22010 |
| | | | Downstream | | 22071 |
| V6-2.5 | | Upstream | LH | Round Plug | 22060 |
| | | | | Square Plug | 22074 |
| | | RH | | Round Plug | 22060 |
| | | | | Square Plug | 22074 |
| Downstream | | LH | | Build Date To 1/1/99 | 22071 |
| | | | | Build Date From 1/2/99 | 22500 |
| | RH | | Build Date To 1/1/99 | 22071 | |
| | | | Build Date From 1/2/99 | 22500 | |
| 1997-96 | V6-3.8 | Upstream | LH | O2 w/15" Lgth | 22500 |
| | | | | O2 w/22" Lgth | 22016 |
| | | RH | | O2 w/15" Lgth | 22500 |
| | | | | O2 w/22" Lgth | 22016 |
| | Downstream | LH | | | 22500 |
| | | | | | 22500 |
| | | RH | | | 22016 |
| | | | | | 22500 |
| 1995-94 | V6-3.8 | Upstream | LH | 22500 | |
| | | | RH | 22500 | |
| | V8-4.6 | Upstream | LH | 22016 | |
| | | | RH | 22016 | |
| 1993-91 | All Eng | Upstream | LH | 22500 | |
| | | | RH | 22500 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|----------|---------------|---------------|--------|-------|
| MERCURY (Cont'd) | | | | | |
| Cougar (Cont'd) | | | | | |
| 1990-88 | All Eng | Upstream | LH | 22013 | |
| | | | RH | 22013 | |
| 1987 | V6-3.8 | Upstream | | 23552 | |
| | | V8-5.0 | Upstream | LH | 22013 |
| | RH | | | 22013 | |
| 1986 | L4-2.3 | Upstream | | 23552 | |
| | | V6-3.8 | Upstream | 23552 | |
| | | V8-5.0 | Upstream | 22014 | |
| 1985 | L4-2.3 | Upstream | | 23552 | |
| | | V6-3.8 | Upstream | 23552 | |
| | | V8-5.0 | Upstream | | 23552 |
| | | | | | |
| 1984 | L4-2.3 | Upstream | | 22014 | |
| | | V6-3.8 | Upstream | 23552 | |
| | | V8-5.0 | Upstream | 23552 | |
| 1983-79 | All Eng | Upstream | | 23552 | |
| Lynx, LN7 | | | | | |
| 1987 | L4-1.9 | Upstream | | 22013 | |
| 1986 | L4-1.9 | Upstream | | 22014 | |
| 1985 | L4-1.6 | Upstream | | 23552 | |
| | | Upstream | | 22014 | |
| 1984-83 | L4-1.6 | Upstream | | 23552 | |
| Marauder | | | | | |
| 2004-03 | V8-4.6 | Upstream | LH | 22060 | |
| | | | RH | 22060 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| Mariner | | | | | |
| 2011 | L4-2.5 | Upstream | Gas | 24388 | |
| | | | Hybrid | 24348 | |
| | | Downstream | | 22135 | |
| | | | | | |
| | V6-3.0 | Upstream | F | 24387 | |
| | | | R | 24387 | |
| | | Downstream | F | 22135 | |
| | | | R | 22135 | |
| 2010 | L4-2.5 | Upstream | Gas | 24388 | |
| | | | Hybrid | 24348 | |
| | | Downstream | Gas | 22009 | |
| | | | Hybrid | 22500 | |
| | V6-3.0 | Upstream | F | 24387 | |
| | | | R | 24387 | |
| | | Downstream | F | 22500 | |
| | | | R | 22009 | |
| 2009 | L4-2.5 | Upstream | Gas | 22012 | |
| | | | Hybrid | 24348 | |
| | | Downstream | Gas | 22009 | |
| | V6-3.0 | Upstream | F | 22012 | |
| | | | R | 22012 | |
| | | Downstream | F | 22500 | |
| 2008-07 | L4-2.3 | Upstream | | 22012 | |
| | | Downstream | | 22500 | |
| | V6-3.0 | Upstream | F | 22060 | |
| | | | R | 22060 | |
| | | Downstream | F | 22500 | |
| | | | R | 22009 | |
| 2006-05 | L4-2.3 | Upstream | | 22012 | |
| | | Downstream | | 22500 | |
| V6-3.0 | Upstream | F | 22113 | | |
| | | | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|----------------------|-----------------------|-------------------------|-------------------|
| MERCURY (Cont'd) | | | | | |
| Mariner (Cont'd) | | | | | |
| 2006-05 | V6-3.0 | Upstream | R | 22060 | |
| | | Downstream | F | 22500 | |
| | | | R | 22009 | |
| Marquis, Grand Marquis, Colony Park | | | | | |
| 2011-07 | V8-4.6 | Upstream | LH | 22045 | |
| | | | RH | 22045 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| 2006 | V8-4.6 | Upstream | LH | To 12/5/05 22060 | |
| | | | | From 12/5/05 22045 | |
| | | | RH | To 12/5/05 22060 | |
| | | | From 12/5/05 22045 | | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| 2005-98 | V8-4.6 | Upstream | LH | 22060 | |
| | | | RH | 22060 | |
| | | Downstream | LH | 22500 | |
| | | | RH | 22500 | |
| 1997-96 | V8-4.6 | Upstream | | 22500 | |
| | | Downstream | | 22500 | |
| 1995-92 | V8-4.6 | Upstream | LH | 22500 | |
| 1991-90 | V8-5.0 | Upstream | LH | 22013 | |
| | | | RH | 22013 | |
| 1989-88 | V8-5.0 | Upstream | LH | 22013 | |
| | | | RH | 22013 | |
| | V8-5.8 | Upstream | LH | 22013 | |
| | | | RH | 22013 | |
| 1987 | V8-5.0 | Upstream | LH | 22013 | |
| | | | RH | 22013 | |
| | V8-5.8 | Upstream | | w/o Police Pkg 23552 | |
| | | | LH | w/Police Pkg 22013 | |
| | | RH | w/Police Pkg 22013 | | |
| 1986 | L4-2.3 | Upstream | | 23552 | |
| | V6-3.8 | Upstream | | 23552 | |
| | V8-5.0 | Upstream | | 22014 | |
| | V8-5.8 | Upstream | | 23552 | |
| 1985-79 | All Engs | Upstream | | 23552 | |
| Milan | | | | | |
| 2011 | L4-2.5 | Upstream | | Gas; A/T 24388 | |
| | | | | Gas; M/T 22136 | |
| | | | | Hybrid 24348 | |
| | | Downstream | | 22135 | |
| | | | V6-3.0 | Upstream | F 24387 |
| | | | | | R 24387 |
| | Downstream | F | 22135 | | |
| | | R | 22134 | | |
| | 2010 | L4-2.5 | Upstream | | Gas; A/T 24388 |
| | | | | | Gas; M/T 22012 |
| | | | | Hybrid 24348 | |
| Downstream | | | | Gas 22009 | |
| | | | | Hybrid 22500 | |
| | | | V6-3.0 | Upstream | LH |
| | | From 8/3/09 24387 | | | |
| Downstream | | RH | | To 8/3/09 24384 | |
| | | | | From 8/3/09 24387 | |
| Downstream | | LH | 22500 | | |
| | RH | 22500 | | | |
| 2009-08 | L4-2.3 | Upstream | | 22012 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|------------|---------------------------|---------------|----------|--------------|
| MERCURY (Cont'd) | | | | | |
| Milan (Cont'd) | | | | | |
| 2009-08 | L4-2.3 | Downstream | | 22500 | |
| | | V6-3.0 | Upstream | LH | 22012 |
| | | | | RH | 22012 |
| | Downstream | | LH | 22500 | |
| | | | | RH | AWD 22500 |
| | | | FWD | 22009 | |
| 2007 | L4-2.3 | Upstream | | 22012 | |
| | | Downstream | | 22500 | |
| | V6-3.0 | Upstream | LH | 22012 | |
| | | | | RH | 22012 |
| | | Downstream | LH | 22500 | |
| | | | | RH | AWD 22500 |
| | | To 9/4/06; FWD 22500 | | | |
| | | From 9/4/06; FWD 22009 | | | |
| 2006 | L4-2.3 | Upstream | | 22012 | |
| | | Downstream | | 22500 | |
| | V6-3.0 | Upstream | LH | 22012 | |
| | | | | RH | 22012 |
| | | Downstream | LH | 22500 | |
| | | | | RH | AWD 22500 |
| | | To 9/4/06; FWD 22500 | | | |
| | | From 9/4/06; FWD 22009 | | | |
| Monarch | | | | | |
| 1980 | V8-4.2 | Upstream | | 23552 | |
| | V8-5.0 | Upstream | | 23552 | |
| Montego | | | | | |
| 2007-05 | V6-3.0 | Upstream | LH | 22060 | |
| | | | | RH | 22060 |
| | | Downstream | LH | 22500 | |
| | | | | RH | 22500 |
| Mountaineer | | | | | |
| 2010-04 | V6-4.0 | Upstream | LH | 22524 | |
| | | | | RH | 22524 |
| | | | Downstream | LH | 22500 |
| | | | | RH | 22500 |
| | | V8-4.6 | | Upstream | LH |
| | | | | | RH |
| | Downstream | | LH | 22500 | |
| | | | | RH | 22500 |
| | 2003-02 | V6-4.0 | Upstream | LH | 22060 |
| | | | | | RH |
| Downstream | | | LH | 22500 | |
| | | | | RH | 22500 |
| V8-4.6 | | Upstream | LH | 22060 | |
| | | | | RH | 22060 |
| Downstream | LH | 22500 | | | |
| | | RH | 22500 | | |
| 2001-99 | V6-4.0 | Upstream | LH | 22524 | |
| | | | | RH | 22524 |
| | | | Downstream | LH | 22500 |
| | | | | RH | 22500 |
| | | V8-5.0 | | Upstream | LH |
| | | | | | RH |
| | Downstream | | LH | 22500 | |
| | | | | RH | 22500 |
| | 1998 | V6-4.0 | Upstream | LH | 22503 |
| | | | | | RH |
| Downstream | | LH | 22500 | | |
| | | | RH | 22500 | |
| V8-5.0 | Upstream | LH | 22500 | | |
| | | | RH | 22500 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|-----------------------------|---------|---------------|------------------------|------------------------|----------|-------|-------|
| MERCURY (Cont'd) | | | | | | | |
| Mountaineer (Cont'd) | | | | | | | |
| 1998 | V8-5.0 | Downstream | LH | 22500 | | | |
| | | | RH | 22500 | | | |
| 1997 | V8-5.0 | Upstream | LH | 22500 | | | |
| | | | RH | 22500 | | | |
| | | Downstream | LH | 22500 | | | |
| | | | RH | 22500 | | | |
| Mystique | | | | | | | |
| 2000 | L4-2.0 | Upstream | | 22060 | | | |
| | | Downstream | | 22500 | | | |
| | V6-2.5 | Upstream | LH | 22060 | | | |
| | | | RH | 22060 | | | |
| | | Downstream | LH | 22500 | | | |
| | | | RH | 22500 | | | |
| | 1999 | L4-2.0 | Upstream | | 22010 | | |
| | | | Downstream | | 22071 | | |
| 1998-96 | L4-2.0 | Upstream | Round Plug | 22060 | | | |
| | | | Square Plug | 22074 | | | |
| | V6-2.5 | Upstream | RH | 22060 | | | |
| | | | Square Plug | 22074 | | | |
| | | Downstream | LH | Build Date To 1/1/99 | 22071 | | |
| | | | RH | Build Date From 1/2/99 | 22500 | | |
| | 1995 | L4-2.0 | Upstream | Build Date To 1/1/99 | 22071 | | |
| | | | | Build Date From 1/2/99 | 22500 | | |
| 1998-96 | L4-2.0 | Downstream | Build Date To 1/1/99 | 22071 | | | |
| | | | Build Date From 1/2/99 | 22500 | | | |
| | V6-2.5 | Upstream | LH | 22074 | | | |
| | | | RH | 22074 | | | |
| | | Downstream | LH | 22071 | | | |
| | | | RH | 22071 | | | |
| | 1995 | L4-2.0 | Upstream | LH | 22074 | | |
| | | | | RH | 22074 | | |
| Sable | | | | | | | |
| 2009-08 | V6-3.5 | Upstream | LH | Calif. | 24325 | | |
| | | | Federal | 22046 | | | |
| | | | RH | Calif. | 24325 | | |
| | | | Federal | 22046 | | | |
| | | Downstream | LH | | 22500 | | |
| | | | RH | | 22500 | | |
| | | | 2005-00 | V6-3.0 | Upstream | LH | 22060 |
| | | | | | | RH | 22060 |
| Downstream | LH | | 22500 | | | | |
| | RH | | 22500 | | | | |
| 1999 | V6-3.0 | Upstream | LH | Calif. | 22060 | | |
| | | | Federal | 22500 | | | |
| | | | RH | Calif. | 22060 | | |
| | | | Federal | 22500 | | | |
| | | Downstream | LH | | 22500 | | |
| | | | RH | | 22500 | | |
| | | | 1998-96 | All Eng | Upstream | LH | 22500 |
| | | | | | | RH | 22500 |
| Downstream | LH | | 22500 | | | | |
| | RH | | 22500 | | | | |
| 1995-91 | All Eng | Upstream | LH | 22500 | | | |
| | | | RH | 22500 | | | |
| 1990-88 | V6-3.0 | Upstream | | 22013 | | | |
| | | | V6-3.8 | Upstream | LH | 22013 | |
| 1987 | V6-3.0 | Upstream | RH | 22013 | | | |
| | | | | | 22013 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|---------|---------------|---------------------------|----------|-------|
| MERCURY (Cont'd) | | | | | |
| Sable (Cont'd) | | | | | |
| 1986 | L4-2.5 | Upstream | | 22534 | |
| | | V6-3.0 | Upstream | 22014 | |
| Topaz | | | | | |
| 1994-92 | L4-2.3 | Upstream | | 22500 | |
| | | | V6-3.0 | Upstream | LH |
| | | RH | 22500 | | |
| 1991-87 | L4-2.3 | Upstream | | 22013 | |
| 1986-84 | L4-2.3 | Upstream | | 22534 | |
| Tracer | | | | | |
| 1999-97 | L4-2.0 | Upstream | | 22016 | |
| | | Downstream | | 22056 | |
| 1996 | L4-1.8 | Upstream | | 22032 | |
| | | Downstream | | 22507 | |
| | | L4-1.9 | Upstream | | 22016 |
| 1995 | L4-1.8 | Upstream | | 22032 | |
| | | Downstream | | 22500 | |
| 1994-92 | L4-1.8 | Upstream | | 22043 | |
| | | Downstream | | 22500 | |
| 1991 | L4-1.8 | Upstream | | 22043 | |
| | | Downstream | | 22013 | |
| 1990 | L4-1.6 | Upstream | | 22043 | |
| | | Downstream | | 24006 | |
| Zephyr | | | | | |
| 1983-79 | All Eng | Upstream | | 23552 | |
| MERKUR | | | | | |
| Scorpio | | | | | |
| 1989 | V6-2.9 | Upstream | O2 w/40" Lgth | 22047 | |
| | | | O2 w/9" Lgth | 22014 | |
| 1988 | V6-2.9 | Upstream | | 22047 | |
| XR4Ti | | | | | |
| 1989-87 | L4-2.3 | Upstream | | 22534 | |
| 1986-85 | L4-2.3 | Upstream | O2 w/13" Lgth | 22534 | |
| | | | O2 w/7" Lgth | 23552 | |
| MINI | | | | | |
| Cooper, Clubman, Countryman, Paceman (Incl. JCW & S Models) | | | | | |
| 2018-17 | L3-1.5 | Upstream | | 27053 | |
| | | Downstream | | 25744 | |
| | L4-2.0 | Upstream | | 27053 | |
| | | Downstream | | 25744 | |
| 2016-14 | L3-1.5 | Upstream | | 27053 | |
| | | Downstream | | 25744 | |
| | L4-1.6 | Upstream | | 24365 | |
| | | Downstream | | 25198 | |
| | L4-2.0 | Upstream | | 27053 | |
| | | Downstream | | 25744 | |
| 2013 | L4-1.6 | Upstream | | 24365 | |
| | | Downstream | | 25198 | |
| 2012-11 | L4-1.6 | Upstream | Turbo; N14B16C Eng | 24331 | |
| | | | Turbo; N18B16A Eng | 24365 | |
| | | | Non-Turbo; N16B16A Eng | 24365 | |
| | | Downstream | | 25198 | |
| 2010-09 | L4-1.6 | Upstream | Turbo | 24331 | |
| | | Downstream | Non-Turbo | 24325 | |
| 2008-07 | L4-1.6 | Upstream | Turbo; N14B16A Eng | 24331 | |
| | | | Non-Turbo; N12B16A Eng | 24325 | |
| | | | Supercharged; W11B16A Eng | 25648 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|----------|---------------|--------------------------------|--------------------|
| MINI (Cont'd) | | | | |
| Cooper, Clubman, Countryman, Paceman (Incl. JCW & S Models) (Cont'd) | | | | |
| 2008-07 | L4-1.6 | Upstream | Exc. Supercharged; W10B16A Eng | 25648 |
| | | | Downstream | Turbo; N14B16A Eng |
| | | Downstream | Non-Turbo; N12B16A Eng | 25198 |
| | | | Supercharged; W11B16A Eng | 25648 |
| 2006-02 | L4-1.6 | Upstream | Exc. Supercharged; W10B16A Eng | 25648 |
| | | Downstream | | 25648 |
| MITSUBISHI | | | | |
| 3000GT | | | | |
| 1999-98 | V6-3.0 | Upstream | LH Turbo | 23549 |
| | | | Non-Turbo; SOHC | 23549 |
| | | | Non-Turbo; DOHC | 23518 |
| | | Downstream | RH | 24050 |
| | | | LH | 23523 |
| | | | RH | 23549 |
| 1997 | V6-3.0 | Upstream | LH Turbo | 23549 |
| | | | Non-Turbo; SOHC | 23549 |
| | | | Non-Turbo; DOHC | 23518 |
| | | Downstream | RH | 24050 |
| | | | LH Turbo | 23523 |
| | | | Non-Turbo | 23549 |
| 1996 | V6-3.0 | Upstream | LH Turbo | 23549 |
| | | | Non-Turbo | 23518 |
| | | | RH | 24050 |
| | | Downstream | LH | 23549 |
| | | | RH | 23523 |
| | | | | 23523 |
| 1995-94 | V6-3.0 | Upstream | Federal; Non-Turbo | 23559 |
| | | | LH Turbo | 23549 |
| | | | Calif; Non-Turbo | 23518 |
| | | Downstream | RH Turbo | 24050 |
| | | | Calif; Non-Turbo | 24050 |
| | | | LH Turbo | 23549 |
| 1993-91 | V6-3.0 | Upstream | Calif; Non-Turbo | 23549 |
| | | | Non-Turbo | 23559 |
| | | | LH Turbo | 23549 |
| | | Downstream | RH Turbo | 23523 |
| | | | Calif; Non-Turbo | 23523 |
| | | | RH Turbo | 24050 |
| Cordia | | | | |
| 1988-83 | All Engs | Upstream | | 24141 |
| Diamante | | | | |
| 2004-01 | V6-3.5 | Upstream | LH | 23551 |
| | | | RH | 21512 |
| | | Downstream | LH | 23521 |
| | | | RH | 23518 |
| 2000-99 | V6-3.5 | Upstream | LH Calif. | 23551 |
| | | | Federal | 23001 |
| | | | RH Calif. | 21512 |
| | | Downstream | Federal | 23001 |
| | | | LH Calif. | 23521 |
| | | | Federal | 23001 |
| 1998-97 | V6-3.5 | Upstream | RH Calif. | 23518 |
| | | | Federal | 23001 |
| | | Downstream | LH | 23001 |
| | | | RH | 23001 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|----------------------------|--------|---------------|---------------|--------|
| MITSUBISHI (Cont'd) | | | | |
| Diamante (Cont'd) | | | | |
| 1998-97 | V6-3.5 | Downstream | LH | 23001 |
| | | | RH | 23001 |
| 1996-95 | V6-3.0 | Upstream | LH | 23518 |
| | | | RH SOHC | 23558 |
| | | | DOHC | 24050 |
| | | Downstream | LH | 23549 |
| | | | RH | 23523 |
| | | | | 23523 |
| 1994 | V6-3.0 | Upstream | LH | 23518 |
| | | | RH SOHC | 23558 |
| | | | Calif; DOHC | 24050 |
| | | Downstream | Federal; DOHC | 23558 |
| | | | LH | 23549 |
| | | | RH | 23523 |
| 1993-92 | V6-3.0 | Upstream | | 23559 |
| Eclipse | | | | |
| 2012-06 | L4-2.4 | Upstream | Cyls. 1 & 2 | 24690 |
| | | | Cyls. 3 & 4 | 23524 |
| | | Downstream | Cyls. 1 & 2 | 24674 |
| | | | Cyls. 3 & 4 | 23558 |
| | V6-3.8 | Upstream | F | 21512 |
| | | | R | 21512 |
| Downstream | | F | 23521 | |
| | | R | 23522 | |
| 2005-01 | L4-2.4 | Upstream | | 23551 |
| | | Downstream | | 23525 |
| | V6-3.0 | Upstream | F | 21512 |
| | | Downstream | R | 21512 |
| 2000 | L4-2.4 | Upstream | Calif. | 23551 |
| | | | Federal | 23513 |
| | | Downstream | Calif. | 23525 |
| | V6-3.0 | Upstream | F | 21512 |
| | | | R | 21512 |
| | | Downstream | F | 23522 |
| 1999-98 | L4-2.0 | Upstream | Calif. | 23551 |
| | | | Federal | 23513 |
| | | Downstream | Calif. | 23525 |
| | V6-3.0 | Upstream | F | 21512 |
| | | | R | 21512 |
| | | Downstream | F | 23513 |
| 1997 | L4-2.0 | Upstream | Calif. | 23551 |
| | | | Federal | 23513 |
| | | Downstream | Calif. | 23525 |
| | L4-2.4 | Upstream | Calif. | 23515 |
| | | | Federal | 23001 |
| | | Downstream | Calif. | 23519 |
| 1996 | L4-2.0 | Upstream | Calif. | 23551 |
| | | | Federal | 23513 |
| | | Downstream | Calif. | 23525 |
| | V6-3.0 | Upstream | F | 21512 |
| | | | R | 21512 |
| | | Downstream | F | 23513 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|----------------------------|------------|---------------|---------------|--------|
| MITSUBISHI (Cont'd) | | | | |
| Eclipse (Cont'd) | | | | |
| 1996 | L4-2.0 | Downstream | Non-Turbo | 23020 |
| | | Upstream | | 23515 |
| | | Downstream | | 23001 |
| 1995 | L4-2.0 | Upstream | Turbo | 23558 |
| | | | Non-Turbo | 23023 |
| | | Downstream | FWD; Turbo | 23001 |
| | | | AWD; Turbo | 23559 |
| 1994-91 | L4-1.8 | Upstream | Turbo | 24102 |
| | | | Non-Turbo | 24225 |
| | | | Non-Turbo | 24533 |
| 1990 | L4-1.8 | Upstream | Calif. | 24102 |
| | | | Federal | 24086 |
| | L4-2.0 | Upstream | | 24533 |
| Endeavor | | | | |
| 2011-10 | V6-3.8 | Upstream | F | 21512 |
| | | | R | 23551 |
| | | Downstream | F | 23521 |
| | | | R | 23523 |
| 2008-04 | V6-3.8 | Upstream | F | 21512 |
| | | | R | 23551 |
| | | Downstream | F | 23521 |
| | | | R | 23523 |
| Expo, Expo LRV | | | | |
| 1995 | L4-2.4 | Upstream | FWD | 23514 |
| | | | AWD | 23515 |
| | | Downstream | Calif; FWD | 23518 |
| | | | Federal; FWD | 23513 |
| | | | AWD | 23513 |
| 1994 | L4-1.8 | Upstream | | 23515 |
| | | Downstream | | 23513 |
| | L4-2.4 | Upstream | FWD | 23514 |
| | | Downstream | AWD | 23515 |
| 1993 | L4-1.8 | Upstream | Calif. | 23515 |
| | | | Federal | 24109 |
| | Downstream | Calif. | 23513 | |
| | | Calif; FWD | 23514 | |
| 1992 | L4-1.8 | Upstream | Calif; AWD | 23515 |
| | | | Federal | 24109 |
| | | | Calif. | 23513 |
| | L4-2.4 | Upstream | | 24109 |
| Galant, Sigma | | | | |
| 2012-10 | L4-2.4 | Upstream | Cyls. 1 & 2 | 24690 |
| | | | Cyls. 3 & 4 | 24690 |
| | | Downstream | Cyls. 1 & 2 | 23558 |
| | | | Cyls. 3 & 4 | 24674 |
| 2009-04 | L4-2.4 | Upstream | Cyls. 1 & 2 | 24690 |
| | | | Cyls. 3 & 4 | 24690 |
| | | Downstream | Cyls. 1 & 2 | 23558 |
| | | | Cyls. 3 & 4 | 24674 |
| | V6-3.8 | Upstream | F | 21512 |
| | | | R | 21512 |
| | Downstream | F | 23521 | |
| | | R | 23522 | |
| 2003-01 | L4-2.4 | Upstream | | 23551 |
| | | Downstream | | 23525 |
| | V6-3.0 | Upstream | LH | 21512 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|--------------|--|--------------------------------|--------|-------|
| MITSUBISHI (Cont'd) | | | | | |
| Galant, Sigma (Cont'd) | | | | | |
| 2003-01 | V6-3.0 | Upstream | RH | 21512 | |
| | | Downstream | LH | 23522 | |
| | | | RH | 23522 | |
| 2000 | L4-2.4 | Upstream | Calif. | 23551 | |
| | | | Federal | 23513 | |
| | | Downstream | Calif. | 23525 | |
| | | | Federal | 23513 | |
| | V6-3.0 | Upstream | Federal | 23513 | |
| | | | F | Calif. | 21512 |
| | | Downstream | R | Calif. | 21512 |
| | | | Calif. | 23522 | |
| | | Federal | 23513 | | |
| | | | | | |
| 1999 | L4-2.4 | Upstream | Calif; To 4/99 | 21512 | |
| | | | Calif; From 4/99 | 23551 | |
| | | Downstream | Federal | 23513 | |
| | | | Calif. | 23525 | |
| | V6-3.0 | Upstream | Federal | 23513 | |
| | | | F | Calif. | 21512 |
| Downstream | R | Calif. | 21512 | | |
| | Calif. | 23522 | | | |
| Federal | 23513 | | | | |
| | | | | | |
| 1998-95 | L4-2.4 | Upstream | Calif. | 23551 | |
| | | Downstream | Federal | 24052 | |
| 1994 | L4-2.4 | Upstream | To 5/94 | 24052 | |
| | | | From 5/94; Calif. | 23551 | |
| | | Downstream | From 5/94; Federal | 24052 | |
| | | | | 24535 | |
| 1993 | L4-2.0 | Upstream | Calif; SOHC | 24102 | |
| | | | Federal; SOHC | 24109 | |
| | | | DOHC | 24533 | |
| 1992-91 | L4-2.0 | Upstream | Turbo | 24225 | |
| | | | Calif; Non-Turbo; SOHC | 24102 | |
| | | | Federal; Non-Turbo; SOHC | 24141 | |
| | | | Non-Turbo; DOHC | 25578 | |
| 1990-89 | L4-2.0 | Upstream | DOHC | 24533 | |
| | | | Calif; SOHC | 24102 | |
| | | | Federal; SOHC | 24141 | |
| V6-3.0 | Upstream | Calif. | 23515 | | |
| | | Federal | 24517 | | |
| 1988 | V6-3.0 | Upstream | Calif. | 23515 | |
| | | | Federal | 24517 | |
| 1987-85 | L4-2.4 | Upstream | | 24086 | |
| Lancer (Incl. Evolution, Ralliart, Sportback) | | | | | |
| 2017-13 | L4-2.4 | Upstream | | 24399 | |
| | | Downstream | | 25693 | |
| 2012-11 | L4-2.0 | Upstream | Turbo | 25693 | |
| | | | Loc. in Mnfd; Calif; Non-Turbo | 24398 | |
| | | | Federal; Non-Turbo | 24399 | |
| | Intermediate | Loc. After Primary Cat; Calif; Non-Turbo | 25693 | | |
| | | Turbo | 25693 | | |
| | Downstream | Loc. After Scndary Cat; Calif; Non-Turbo | 25692 | | |
| | | Federal; Non-Turbo | 25693 | | |
| | | Federal | 24399 | | |
| L4-2.4 | Upstream | Loc. in Mnfd; Calif. | 24398 | | |
| | | Intermediate | Loc. After Primary Cat; Calif. | 25693 | |
| | | Downstream | Federal | 25693 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|--------------------|--|--|--------|
| MITSUBISHI (Cont'd) | | | | |
| Lancer (Incl. Evolution, Ralliart, Sportback) (Cont'd) | | | | |
| 2012-11 | L4-2.4 | Downstream | Loc. After Scndary Cat; Calif. | 25692 |
| 2010-09 | L4-2.0 | Upstream | Turbo | 25693 |
| | | | Loc. in Mnfld; Calif; Non-Turbo | 23551 |
| | | | Federal; Non-Turbo | 25693 |
| | | Intermediate | Loc. After Primary Cat; Calif; Non-Turbo | 25693 |
| | | Downstream | Turbo | 25693 |
| | | | Loc. After Scndary Cat; Calif; Non-Turbo | 25692 |
| | Federal; Non-Turbo | | 25693 | |
| | L4-2.4 | Upstream | | 25693 |
| | | Downstream | | 25693 |
| | 2008 | L4-2.0 | Upstream | Turbo |
| Loc. in Mnfld; Calif; Non-Turbo | | | | 23551 |
| Federal; Non-Turbo | | | | 25693 |
| Intermediate | | Loc. After Primary Cat; Calif; Non-Turbo | 25693 | |
| | | Downstream | Turbo | 25693 |
| Downstream | | Loc. After Scndary Cat; Calif; Non-Turbo | 25692 | |
| | Federal; Non-Turbo | 25693 | | |
| 2007 | L4-2.0 | Upstream | | 21512 |
| | | Downstream | | 23513 |
| 2006 | L4-2.0 | Upstream | Non-Turbo | 21512 |
| | | | Turbo | 23550 |
| | | Downstream | Non-Turbo | 23513 |
| | | | Turbo | 24793 |
| | L4-2.4 | Upstream | | 24535 |
| Downstream | | | 24688 | |
| 2005-04 | L4-2.0 | Upstream | Non-Turbo | 21512 |
| | | | Turbo | 23550 |
| | | Downstream | Non-Turbo | 23513 |
| | Turbo | | 24688 | |
| | L4-2.4 | Upstream | | 24535 |
| | | Downstream | | 24688 |
| 2003 | L4-2.0 | Upstream | Non-Turbo | 21512 |
| | | | Turbo | 23550 |
| | | Downstream | | 23513 |
| 2002 | L4-2.0 | Upstream | | 21512 |
| | | Downstream | | 23513 |
| Mighty Max | | | | |
| 1996 | L4-2.4 | Upstream | A/T | 23519 |
| | | | M/T | 23514 |
| | | Downstream | | 23520 |
| 1995 | L4-2.4 | Upstream | Calif; A/T | 23519 |
| | | | Calif; M/T | 23514 |
| | | | Federal | 23501 |
| | | Downstream | Calif. | 23520 |
| 1994-93 | L4-2.4 | Upstream | Calif; A/T | 23519 |
| | | | Calif; M/T | 23514 |
| | | | Federal | 23501 |
| | Downstream | Calif. | 23520 | |
| | | V6-3.0 | Upstream | |
| 1992-91 | L4-2.4 | Upstream | | 23501 |
| | V6-3.0 | Upstream | | 23519 |
| 1990 | L4-2.4 | Upstream | Calif. | 23501 |
| | | | Federal | 24122 |
| | V6-3.0 | Upstream | | 23519 |
| 1989-84 | All Engs | Upstream | | 24141 |
| 1983 | All Engs | Upstream | | 23004 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------------|------------|---------------|---------------|--------|
| MITSUBISHI (Cont'd) | | | | |
| Mirage | | | | |
| 2018-17 | L3-1.2 | Downstream | A/T CVT | 24220 |
| | | | M/T | 24219 |
| 2015-14 | L3-1.2 | Downstream | | 24057 |
| 2002-01 | L4-1.5 | Upstream | | 24058 |
| | | Downstream | | 23549 |
| | L4-1.8 | Upstream | | 21512 |
| | | Downstream | | 23549 |
| 2000-98 | L4-1.5 | Upstream | Calif. | 24058 |
| | | | Federal | 23549 |
| | | Downstream | Calif. | 23549 |
| | Federal | | 23020 | |
| | L4-1.8 | | Upstream | Calif. |
| | 1997 | L4-1.5 | Upstream | Calif. |
| Federal | | | | 23549 |
| Downstream | | | Calif. | 23549 |
| | | Federal | 23020 | |
| | | L4-1.8 | Upstream | |
| Downstream | | | Calif. | 23549 |
| 1996-95 | L4-1.5 | Upstream | | 24052 |
| | | | Downstream | Calif. |
| | | L4-1.8 | Upstream | |
| | Downstream | | | Calif. |
| | Downstream | | Federal | 23001 |
| | 1994 | L4-1.5 | Upstream | |
| Downstream | | | | 24031 |
| L4-1.8 | | Upstream | | 23515 |
| | | Downstream | | 23001 |
| 1993 | L4-1.5 | Upstream | Calif. | 24052 |
| | | | Federal | 24109 |
| | | Downstream | Calif. | 24031 |
| | Calif. | | 23515 | |
| | Federal | | 24109 | |
| | 1992-91 | L4-1.5 | Upstream | |
| L4-1.6 | | Upstream | | 24109 |
| L4-1.5 | | Upstream | | 24533 |
| 1990 | L4-1.5 | Upstream | | 24102 |
| | | | | 24102 |
| 1989 | L4-1.5 | Upstream | Calif. | 24102 |
| | | | Federal | 24086 |
| 1988-87 | All Engs | Upstream | | 24533 |
| | | | | 24086 |
| 1986-85 | All Engs | Upstream | | 24141 |
| Montero, Montero Sport | | | | |
| 2006-05 | V6-3.8 | Upstream | LH | 23524 |
| | | | RH | 23550 |
| | | Downstream | LH | 23518 |
| | | | RH | 23522 |
| 2004 | V6-3.5 | Upstream | LH | 23524 |
| | | | RH | 23550 |
| | | Downstream | LH | 23518 |
| | RH | | 23521 | |
| | RH | | 23524 | |
| | V6-3.8 | Upstream | LH | 23524 |
| RH | | | 23550 | |
| Downstream | | LH | 23518 | |
| | RH | 23522 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|----------------------|--------------------------|----------------|-------|
| MITSUBISHI (Cont'd) | | | | | |
| Montero, Montero Sport (Cont'd) | | | | | |
| 2003 | V6-3.0 | Upstream | LH | 23524 | |
| | | | RH | 23550 | |
| | | Downstream | LH | 23518 | |
| | | | RH | 23521 | |
| | | V6-3.5 | Upstream | LH | 23524 |
| | | | | RH | 23550 |
| | Downstream | LH | 23518 | | |
| | | RH | 23521 | | |
| | V6-3.8 | Upstream | LH | 23524 | |
| | | | RH | 23550 | |
| | | Downstream | LH | 23518 | |
| | | | RH | 23522 | |
| 2002-01 | | V6-3.0 | Upstream | LH | 23524 |
| | | | | RH | 23550 |
| | Downstream | | LH | 23518 | |
| | | | RH | 23521 | |
| | V6-3.5 | | Upstream | LH | 23524 |
| | | | | RH | 23550 |
| | Downstream | LH | 23518 | | |
| | | RH | Montero Montero Sport | 23522 23521 | |
| | 2000 | V6-3.0 | Upstream | Federal | 23517 |
| | | | | LH Calif. | 23524 |
| | | | RH Calif. | 23550 | |
| | | | Downstream | Federal | 23518 |
| LH Calif. | | | | 23518 | |
| RH Calif. | | | 23521 | | |
| V6-3.5 | | Upstream | Federal; Montero | 23518 | |
| | | | Federal; Montero Sport | 23517 | |
| | | LH Calif. | 23524 | | |
| | | RH Calif; Montero | 23551 | | |
| | | Downstream | Calif; Montero Sport | 23550 | |
| | | | Federal; Montero | 23521 | |
| Federal; Montero Sport | 23518 | | | | |
| LH Calif. | 23518 | | | | |
| RH Calif. | 23521 | | | | |
| 1999 | L4-2.4 | Upstream | Calif. | 23558 | |
| | | | Federal | 23516 | |
| | | Downstream | Calif. | 23516 | |
| | | | Federal | 23518 | |
| | | V6-3.0 | Upstream | Federal | 23517 |
| | | | | LH Calif. | 23523 |
| | RH Calif. | | 23550 | | |
| | Downstream | | Federal | 23518 | |
| | | | LH Calif. | 23518 | |
| | RH Calif. | | 23521 | | |
| | V6-3.5 | Upstream | Federal; Montero | 23518 | |
| | | | Federal; Montero Sport | 23517 | |
| LH Calif. | | 23524 | | | |
| RH Calif; Montero | | 23551 | | | |
| Downstream | | Calif; Montero Sport | 23550 | | |
| | | Federal; Montero | 23522 | | |
| Federal; Montero Sport | 23518 | | | | |
| LH Calif. | 23518 | | | | |
| RH Calif. | 23521 | | | | |
| 1998 | L4-2.4 | Upstream | Calif. | 23558 | |
| | | | Federal | 23516 | |
| | | Downstream | Calif. | 23516 | |
| | V6-3.0 | Upstream | Federal | 23518 | |
| | | | LH Calif. | 23518 | |
| | | Downstream | Federal | 23518 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|---------------|---------------|--------------|-------|
| MITSUBISHI (Cont'd) | | | | | |
| Montero, Montero Sport (Cont'd) | | | | | |
| 1998 | V6-3.0 | Upstream | LH Calif. | 23523 | |
| | | | RH Calif. | 23518 | |
| | | Downstream | Federal | 23518 | |
| | | | LH Calif. | 23518 | |
| | | V6-3.5 | Upstream | RH Calif. | 23521 |
| | | | | Federal | 23518 |
| | Downstream | LH Calif. | 23524 | | |
| | | RH Calif. | 23551 | | |
| | V6-3.8 | Downstream | Federal | 23522 | |
| | | | LH Calif. | 23518 | |
| | RH Calif. | 23521 | | | |
| | 1997 | L4-2.4 | Upstream | Calif. | 23558 |
| Federal | | | | 23516 | |
| Downstream | | | Calif. | 23516 | |
| | | | Federal | 23518 | |
| V6-3.0 | | | Upstream | Federal | 23517 |
| | | | | LH Calif. | 23523 |
| | | RH Calif. | 23518 | | |
| | | Downstream | Federal | 23518 | |
| | | | LH Calif. | 23518 | |
| | | RH Calif. | 23521 | | |
| V6-3.5 | | Upstream | Federal | 23518 | |
| | | | LH Calif. | 23523 | |
| | RH Calif. | 23518 | | | |
| | Downstream | Federal | 23522 | | |
| | | LH Calif. | 23518 | | |
| | RH Calif. | 23521 | | | |
| 1996 | V6-3.0 | Upstream | Federal | 23516 | |
| | | | LH Calif. | 24674 | |
| | | RH Calif. | 23518 | | |
| | | Downstream | Federal | 23522 | |
| | | | LH Calif. | 23518 | |
| | | RH Calif. | 23521 | | |
| | V6-3.5 | Upstream | | 23518 | |
| | | | Downstream | | 23522 |
| | 1995 | V6-3.0 | Upstream | Federal; A/T | 23518 |
| | | | | Federal; M/T | 23516 |
| | | | Downstream | LH Calif. | 24674 |
| | | | | RH Calif. | 23518 |
| Downstream | | | LH Calif. | 23549 | |
| | | | RH Calif. | 23521 | |
| V6-3.5 | Upstream | | 23518 | | |
| | | Downstream | | 23522 | |
| 1994 | V6-3.0 | Upstream | | 23516 | |
| | | | V6-3.5 | Upstream | 23518 |
| 1993-92 | V6-3.0 | Upstream | | 23516 | |
| 1991-90 | V6-3.0 | Upstream | | 24051 | |
| 1989 | L4-2.6 | Upstream | | 24141 | |
| | | | V6-3.0 | Upstream | 24129 |
| 1988-83 | L4-2.6 | Upstream | | 24141 | |
| Outlander, Outlander Sport, RVR | | | | | |
| 2018-17 | L4-2.0 | Upstream | | 24399 | |
| | | | Downstream | | 25693 |
| | L4-2.4 | Upstream | Outlander | 27024 | |
| | | | Sport, RVR | 24399 | |
| | Downstream | | | 25693 | |
| | | V6-3.0 | Downstream | LH | 23521 |
| RH | | | 24674 | | |
| 2016-15 | L4-2.0 | Upstream | | 27017 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|---------|---------------|--------------------------------------|------------------------|-------|
| MITSUBISHI (Cont'd) | | | | | |
| Outlander, Outlander Sport, RVR (Cont'd) | | | | | |
| 2016-15 | L4-2.0 | Downstream | | 25693 | |
| | | Upstream | Outlander | 27024 | |
| | | | Sport, RVR | 24399 | |
| | V6-3.0 | Upstream | LH | 27025 | |
| | | | RH | 27026 | |
| | | Downstream | LH | 23521 | |
| | | | RH | 24674 | |
| | | | | | |
| 2014 | L4-2.0 | Upstream | | 27017 | |
| | | Downstream | | 25693 | |
| | L4-2.4 | Upstream | | 27024 | |
| | | Downstream | | 25693 | |
| | V6-3.0 | Upstream | LH | 27025 | |
| | | | RH | 27026 | |
| | | Downstream | LH | 23521 | |
| | | | RH | 24674 | |
| 2013 | L4-2.0 | Upstream | | 24399 | |
| | | Downstream | | 25693 | |
| | L4-2.4 | Upstream | | 24399 | |
| | | Downstream | | 25693 | |
| | V6-3.0 | Upstream | Loc. Before LH Primary (Mnflid) Cat. | 21512 | |
| | | | Loc. Before RH Primary (Mnflid) Cat. | 23524 | |
| | | Downstream | Loc. After LH Primary (Mnflid) Cat. | 23521 | |
| | | | Loc. After RH Primary (Mnflid) Cat. | 24674 | |
| | 2012-11 | L4-2.0 | Upstream | Federal | 24399 |
| | | | | Loc. in Mnflid; Calif. | 24398 |
| Downstream | | | Loc. After Primary Cat; Calif. | 25693 | |
| | | | Federal | 25693 | |
| L4-2.4 | | Upstream | | 24399 | |
| | | Downstream | | 25693 | |
| V6-3.0 | | Upstream | Loc. Before LH Primary (Mnflid) Cat. | 21512 | |
| | | | Loc. Before RH Primary (Mnflid) Cat. | 23524 | |
| | | Downstream | Loc. After LH Primary (Mnflid) Cat. | 23521 | |
| | | | Loc. After RH Primary (Mnflid) Cat. | 24674 | |
| 2010 | L4-2.4 | Upstream | Federal | 25693 | |
| | | | Loc. in Mnflid; Calif. | 24398 | |
| | | Downstream | Loc. After Primary Cat; Calif. | 25693 | |
| | | | Federal | 25693 | |
| | V6-3.0 | Upstream | Loc. Before LH Primary (Mnflid) Cat. | 21512 | |
| | | | Loc. Before RH Primary (Mnflid) Cat. | 23524 | |
| | | Downstream | Loc. After LH Primary (Mnflid) Cat. | 23521 | |
| | | | Loc. After RH Primary (Mnflid) Cat. | 24674 | |
| 2009-08 | L4-2.4 | Upstream | Federal | 25693 | |
| | | | Loc. in Mnflid; Calif. | 24398 | |
| | | Downstream | Federal | 25693 | |
| | V6-3.0 | Upstream | Loc. Before LH Primary (Mnflid) Cat. | 21512 | |
| | | | Loc. Before RH Primary (Mnflid) Cat. | 23524 | |
| | | Downstream | Loc. After LH Primary (Mnflid) Cat. | 23521 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|--------------------------------------|--------------------------------------|-------|
| MITSUBISHI (Cont'd) | | | | | |
| Outlander, Outlander Sport, RVR (Cont'd) | | | | | |
| 2009-08 | V6-3.0 | Upstream | Loc. Before LH Primary (Mnflid) Cat. | 21512 | |
| | | | Loc. Before RH Primary (Mnflid) Cat. | 23524 | |
| | | Downstream | Loc. After LH Primary (Mnflid) Cat. | 23521 | |
| | | | Loc. After RH Primary (Mnflid) Cat. | 24674 | |
| | 2007 | V6-3.0 | Upstream | Loc. After Scndary (Underfloor) Cat. | 25692 |
| | | | | Loc. Before LH Primary (Mnflid) Cat. | 21512 |
| | | Downstream | Loc. Before RH Primary (Mnflid) Cat. | 23524 | |
| | | | Loc. After LH Primary (Mnflid) Cat. | 23521 | |
| 2006-04 | L4-2.4 | Upstream | Loc. After RH Primary (Mnflid) Cat. | 24674 | |
| | | | Loc. After Scndary (Underfloor) Cat. | 25692 | |
| | Downstream | AWD | 23513 | | |
| | | FWD | 21511 | | |
| Precis | | | | | |
| 1994 | L4-1.5 | Upstream | USA; FI | 24202 | |
| | | | Carb; CAN | 24086 | |
| | | Downstream | USA; FI | 24201 | |
| 1993 | L4-1.5 | Upstream | Carb; CAN | 24086 | |
| | | | Calif; FI | 24202 | |
| | | Downstream | Federal; To 7/16/93; FI | 24194 | |
| | | | Federal; From 7/16/93; FI | 24202 | |
| 1992 | L4-1.5 | Upstream | FI | 24201 | |
| | | | CAN; FI | 24194 | |
| | | | From 1/3/92; Carb; CAN | 24086 | |
| | | Downstream | Calif; To 7/1/92; USA; FI | 24102 | |
| | | | Calif; From 7/1/92; USA; FI | 24202 | |
| | | | Federal; USA; FI | 24194 | |
| 1991-90 | L4-1.5 | Upstream | USA; FI | 24201 | |
| | | | CAN; FI | 24194 | |
| | | | Calif; USA | 24102 | |
| 1989-88 | L4-1.5 | Upstream | Federal; USA | 24194 | |
| | | | To 4/87; A/T | 24141 | |
| | | | To 5/87; M/T | 24086 | |
| | | | From 5/87; A/T | 24141 | |
| 1987 | L4-1.5 | Upstream | From 6/87; M/T | 24141 | |
| | | | | | |
| | | | | | |
| | | | | | |
| Raider | | | | | |
| 2009-08 | V6-3.7 | Upstream | LH | 23159 | |
| | | | RH | 23158 | |
| | | Downstream | LH | 23158 | |
| | | | RH | 23158 | |
| 2007 | V6-3.7 | Upstream | LH | 23159 | |
| | | | RH | 23158 | |
| | | Downstream | LH | 23158 | |
| | RH | | 23158 | | |
| | | | | | |
| | V8-4.7 | Upstream | LH | 23556 | |
| RH | | | 23556 | | |
| Downstream | | LH | 23527 | | |
| 2006 | V6-3.7 | Upstream | RH | 23527 | |
| | | | LH | 23160 | |
| | | | RH | 23018 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------------|----------|---------------|--------------------|--------------|-------|
| MITSUBISHI (Cont'd) | | | | | |
| Raider (Cont'd) | | | | | |
| 2006 | V6-3.7 | Downstream | LH | 23158 | |
| | | | RH | 23159 | |
| | V8-4.7 | Upstream | LH | 23556 | |
| | | | RH | 23556 | |
| | | Downstream | LH | 23527 | |
| | | | RH | 23527 | |
| Starion | | | | | |
| 1989-83 | L4-2.6 | Upstream | | 23500 | |
| Tredia | | | | | |
| 1988-83 | All Engs | Upstream | | 24141 | |
| Van | | | | | |
| 1990-87 | L4-2.4 | Upstream | | 24086 | |
| NISSAN | | | | | |
| 200SX, 240SX | | | | | |
| 1998 | L4-1.6 | Upstream | | 24521 | |
| | | Downstream | | 24545 | |
| | L4-2.0 | Upstream | | 24521 | |
| | | Downstream | | 24630 | |
| | L4-2.4 | Upstream | | 24519 | |
| | | Downstream | | 24545 | |
| | 1997 | L4-1.6 | Upstream | | 24521 |
| | | | Downstream | | 24545 |
| | | L4-2.0 | Upstream | | 24521 |
| | | | Downstream | | 24024 |
| L4-2.4 | | Upstream | | 24519 | |
| | | Downstream | | 24545 | |
| 1996 | L4-1.6 | Upstream | Calif. | 24521 | |
| | | | Federal; To 5/96 | 25572 | |
| | | | Federal; From 5/96 | 24521 | |
| | | Downstream | Calif. | 24062 | |
| | | | Federal | 24024 | |
| | | | | | |
| | L4-2.0 | Upstream | | 24521 | |
| | | Downstream | | 24024 | |
| | L4-2.4 | Upstream | | 24519 | |
| | | Downstream | A/T | 24025 | |
| | | | M/T | 24063 | |
| | 1995 | L4-1.6 | Upstream | A/T | 24521 |
| | | | | Calif; M/T | 24521 |
| | | | | Federal; M/T | 25572 |
| Downstream | | | Calif. | 24062 | |
| | | | Federal | 24024 | |
| | | | | | |
| L4-2.0 | | Upstream | | 24521 | |
| | | Downstream | | 24024 | |
| L4-2.4 | | Upstream | | 25572 | |
| | | Downstream | A/T | 24025 | |
| | | M/T | 24063 | | |
| 1994-89 | L4-2.4 | Upstream | | 25572 | |
| 1988 | L4-2.0 | Upstream | | 25572 | |
| | V6-3.0 | Upstream | | 24071 | |
| 1987 | L4-1.8 | Upstream | | 24154 | |
| | L4-2.0 | Upstream | | 25572 | |
| | V6-3.0 | Upstream | | 24071 | |
| 1986 | L4-1.8 | Upstream | To 1/86 | 24521 | |
| | | | From 1/86 | 24154 | |
| | L4-2.0 | Upstream | | 25572 | |
| 1985-84 | L4-1.8 | Upstream | | 24521 | |
| | L4-2.0 | Upstream | | 25572 | |
| 1983-80 | All Engs | Upstream | | 25572 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|------------|---------------|---------------|--------|
| NISSAN (Cont'd) | | | | |
| 210, 310, 320, 410, 411, 510, 610, 710, 810 Series | | | | |
| 1981-77 | L6-2.4 | Upstream | | 25572 |
| 240Z, 260Z, 280Z, 280ZX, 300ZX, 350Z, 370Z | | | | |
| 2018-14 | V6-3.7 | Upstream | LH | 24786 |
| | | | RH | 24786 |
| | | Downstream | LH | 24167 |
| | | | RH | 24167 |
| 2013-11 | V6-3.7 | Upstream | LH | 24783 |
| | | | RH | 24783 |
| | | Downstream | LH | 24450 |
| | | | RH | 24450 |
| 2010 | V6-3.7 | Upstream | LH | 25685 |
| | | | RH | 25685 |
| | | Downstream | LH | 24450 |
| | | | RH | 24450 |
| 2009 | V6-3.5 | Upstream | LH | 25685 |
| | | | RH | 25685 |
| | | Downstream | LH | 24450 |
| | | | RH | 24450 |
| | V6-3.7 | Upstream | LH | 25685 |
| | | | RH | 25685 |
| Downstream | LH | 24450 | | |
| | RH | 24450 | | |
| 2008 | V6-3.5 | Upstream | LH | 25685 |
| | | | RH | 25685 |
| | | Downstream | LH | 24450 |
| | | | RH | 24450 |
| 2007 | V6-3.5 | Upstream | LH | 25679 |
| | | | RH | 25679 |
| | | Downstream | LH | 24450 |
| | | | RH | 24450 |
| 2006-05 | V6-3.5 | Upstream | LH | 24320 |
| | | | RH | 24320 |
| | | Downstream | LH | 24404 |
| | | | RH | 24408 |
| 2004-03 | V6-3.5 | Upstream | LH | 24401 |
| | | | RH | 24401 |
| | | Downstream | LH | 24404 |
| | | | RH | 24408 |
| 1996 | V6-3.0 | Upstream | LH | 24039 |
| | | | RH | 24039 |
| | | Downstream | LH | 24550 |
| | | | RH | 24550 |
| 1995-94 | V6-3.0 | Upstream | LH | 24039 |
| | | | RH | 24039 |
| 1993-90 | V6-3.0 | Upstream | LH Turbo | 24154 |
| | | | LH Non-Turbo | 24039 |
| | | | RH | 24154 |
| 1989-87 | V6-3.0 | Upstream | Turbo | 24002 |
| | | | Non-Turbo | 24145 |
| 1986 | V6-3.0 | Upstream | | 24062 |
| 1985-84 | V6-3.0 | Upstream | Turbo | 24521 |
| | | | Non-Turbo | 24145 |
| 1983-79 | L6-2.8 | Upstream | | 25572 |
| Altima | | | | |
| 2017-15 | L4-2.5 | Upstream | Calif. | 24791 |
| | | | Federal | 24783 |
| | Downstream | | 24466 | |
| | | V6-3.5 | Upstream | F |
| R | 24786 | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|------------------------------------|--------------------------------|--|--------------|-------|
| NISSAN (Cont'd) | | | | | |
| Altima (Cont'd) | | | | | |
| 2017-15 | V6-3.5 | Downstream | F | 24798 | |
| | | | R | 24798 | |
| 2014 | L4-2.5 | Upstream | Calif. | 24791 | |
| | | | Federal | 24783 | |
| | | Downstream | | 24466 | |
| | V6-3.5 | Upstream | F | 24783 | |
| | | | R | 24783 | |
| | | Downstream | F | 24466 | |
| | | R | 24465 | | |
| 2013 | L4-2.5 | Upstream | Calif; Coupe; CL32 Body Code | 25685 | |
| | | | Federal; Coupe; CL32 Body Code | 24854 | |
| | | | Calif; Sedan; L33 Body Code | 24791 | |
| | | | Federal; Sedan; L33 Body Code | 24783 | |
| | | Intermediate | Loc. After Primary Cat; Calif; Coupe; CL32 Body Code | 24449 | |
| | | Downstream | Federal; Coupe; CL32 Body Code | 24449 | |
| | | | Loc. After Scndary Cat; Calif; Coupe; CL32 Body Code | 24448 | |
| | | Sedan; L33 Body Code | 24466 | | |
| | V6-3.5 | Upstream | F Coupe | 25685 | |
| | | | Sedan | 24783 | |
| | | | R Coupe | 25685 | |
| | | Sedan | 24783 | | |
| | | Downstream | F Coupe | 24449 | |
| | | | Sedan | 24466 | |
| | R Coupe | 24450 | | | |
| Sedan | 24465 | | | | |
| 2012 | L4-2.5 | Upstream | Calif. | 25685 | |
| | | | Federal | 24854 | |
| | | Intermediate | Loc. After Primary Cat; Calif. | 24449 | |
| | Downstream | Federal | 24449 | | |
| | | Loc. After Scndary Cat; Calif. | 24448 | | |
| | V6-3.5 | Upstream | F | 25685 | |
| R | | | 25685 | | |
| Downstream | | F | 24449 | | |
| | | R | 24450 | | |
| 2011 | L4-2.5 | Upstream | Calif; Gas | 25685 | |
| | | | Federal; Gas | 24854 | |
| | | | Hybrid | 25679 | |
| | | Intermediate | Loc. After Primary Cat; Calif; Gas | 24449 | |
| | | | Loc. After Primary Cat; Hybrid | 24449 | |
| | | Downstream | Federal; Gas | 24449 | |
| | | | Loc. After Scndary Cat; Calif; Gas | 24448 | |
| | Loc. After Scndary Cat; Hybrid | 24448 | | | |
| | V6-3.5 | Upstream | F | 25685 | |
| | | | R | 25685 | |
| | | Downstream | F | 24449 | |
| | | R | 24450 | | |
| | 2010 | L4-2.5 | Upstream | Calif; Gas | 25685 |
| | | | | Federal; Gas | 25679 |
| Hybrid | | | | 25679 | |
| Intermediate | | | Loc. After Primary Cat; Calif; Gas | 24449 | |
| | | | Loc. After Primary Cat; Hybrid | 24449 | |
| Downstream | | | Federal; Gas | 24449 | |
| | Loc. After Scndary Cat; Calif; Gas | 24448 | | | |
| | Loc. After Scndary Cat; Hybrid | 24448 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|--------|------------------------------------|------------------------------------|-----------|-------|
| NISSAN (Cont'd) | | | | | |
| Altima (Cont'd) | | | | | |
| 2010 | V6-3.5 | Upstream | F | 25685 | |
| | | | R | 25685 | |
| | | Downstream | F | 24449 | |
| | | | R | 24450 | |
| 2009-07 | L4-2.5 | Upstream | Calif; Gas | 25685 | |
| | | | Federal; Gas | 25679 | |
| | | | Hybrid | 25679 | |
| | | Intermediate | Loc. After Primary Cat; Calif; Gas | 24449 | |
| | | | Loc. After Primary Cat; Hybrid | 24449 | |
| | | Downstream | Federal; Gas | 24449 | |
| | | Loc. After Scndary Cat; Calif; Gas | 24448 | | |
| | | Loc. After Scndary Cat; Hybrid | 24448 | | |
| | V6-3.5 | Upstream | F | 25679 | |
| | | | R | 25679 | |
| Downstream | | F | 24449 | | |
| | | R | 24450 | | |
| 2006 | L4-2.5 | Upstream | | 24320 | |
| | | Downstream | | 24404 | |
| | V6-3.5 | Upstream | F | 24320 | |
| | | | R | 24320 | |
| | | Downstream | F | 24404 | |
| | | | R | 24408 | |
| 2005 | L4-2.5 | Upstream | | 24320 | |
| | | Downstream | | 24404 | |
| | V6-3.5 | Upstream | F | 24320 | |
| | | | R | 24320 | |
| Downstream | F | 24404 | | | |
| | R | A/T M/T | 24408 24404 | | |
| 2004 | L4-2.5 | Upstream | | 24320 | |
| | | Downstream | | 24404 | |
| | V6-3.5 | Upstream | F | To 1/04 | 24618 |
| | | | | From 1/04 | 24320 |
| | | | R | To 1/04 | 24618 |
| | | | From 1/04 | 24320 | |
| | | Downstream | F | To 1/04 | 24641 |
| | | | | From 1/04 | 24404 |
| | | R | To 1/04 | 24646 | |
| | | | From 1/04; A/T | 24408 | |
| | | From 1/04; M/T | 24404 | | |
| 2003-02 | L4-2.5 | Upstream | | 24298 | |
| | | Downstream | | 24407 | |
| | V6-3.5 | Upstream | F | 24618 | |
| | | | R | 24618 | |
| | | Downstream | F | 24641 | |
| | | | R | 24646 | |
| 2001 | L4-2.4 | Upstream | To 12/00 | 24527 | |
| | | | From 12/00 | 24618 | |
| | | Downstream | To 12/00 | 24638 | |
| | | | From 12/00 | 24641 | |
| 2000 | L4-2.4 | Upstream | | 24527 | |
| | | Downstream | | 24638 | |
| 1999-97 | L4-2.4 | Upstream | | 24519 | |
| | | Downstream | | 24545 | |
| 1996 | L4-2.4 | Upstream | To 2/96; Calif. | 24519 | |
| | | | To 2/96; Federal | 25572 | |
| | | | From 2/96 | 24519 | |
| | | Downstream | To 2/96; Calif. | 24545 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------|--------|---------------|---------------------------------------|-------------------------|
| NISSAN (Cont'd) | | | | |
| Altima (Cont'd) | | | | |
| 1996 | L4-2.4 | Downstream | To 2/96; Federal From 2/96 | 24024 24545 |
| 1995-93 | L4-2.4 | Upstream | | 25572 |
| | | Downstream | | 24024 |
| Armada | | | | |
| 2018-17 | V8-5.6 | Upstream | LH | 24786 |
| | | | RH | 24786 |
| | | Downstream | LH | 24155 |
| | | | RH | 24155 |
| 2015-13 | V8-5.6 | Upstream | LH | 24783 |
| | | | RH | 24783 |
| | | Downstream | LH | 24644 |
| | | | RH | 24644 |
| 2012-07 | V8-5.6 | Upstream | LH | 25679 |
| | | | RH | 25679 |
| | | Downstream | LH | 24644 |
| | | | RH | 24644 |
| 2006-05 | V8-5.6 | Upstream | LH | 24320 |
| | | | RH | 24320 |
| | | Downstream | LH | 24644 |
| | | | RH | 24644 |
| Axxess | | | | |
| 1995-92 | L4-2.4 | Upstream | | 25572 |
| 1991 | L4-2.4 | Upstream | To 5/91; FWD From 5/91; FWD 4WD | 23044 25572 25572 |
| 1990 | L4-2.4 | Upstream | FWD AWD | 23044 25572 |
| Cube | | | | |
| 2014-11 | L4-1.8 | Upstream | Calif. Federal | 24853 24783 |
| | | Downstream | Calif. Federal | 24852 24450 |
| 2010 | L4-1.8 | Upstream | | 25685 |
| | | Downstream | | 24450 |
| 2009 | L4-1.8 | Upstream | | 25679 |
| | | Downstream | | 24450 |
| Frontier | | | | |
| 2018-15 | L4-2.5 | Upstream | | 24783 |
| | | Downstream | | 24244 |
| | V6-4.0 | Upstream | LH | 24786 |
| | | | RH | 24786 |
| | | Downstream | LH | 24056 |
| | | | RH | 24056 |
| 2014-13 | L4-2.5 | Upstream | | 24783 |
| | | Downstream | | 24244 |
| | V6-4.0 | Upstream | LH | 24783 |
| | | | RH | 24783 |
| | | Downstream | LH | 24056 |
| | | | RH | 24056 |
| 2012-11 | L4-2.5 | Upstream | | 24320 |
| | | Downstream | | 24244 |
| | V6-4.0 | Upstream | LH | 25685 |
| | | | RH | 25685 |
| | | Downstream | LH | 24244 |
| | | | RH | 24247 |
| 2010-07 | L4-2.5 | Upstream | | 24320 |
| | | Downstream | | 24244 |
| | V6-4.0 | Upstream | LH | 25679 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--------------------------|--------|---------------|---|---|
| NISSAN (Cont'd) | | | | |
| Frontier (Cont'd) | | | | |
| 2010-07 | V6-4.0 | Upstream | RH | 25679 |
| | | Downstream | LH | 24244 |
| | | | RH | 24247 |
| 2006-05 | L4-2.5 | Upstream | | 24320 |
| | | Downstream | | 24244 |
| | V6-4.0 | Upstream | LH | 24320 |
| | | | RH | 24320 |
| | | Downstream | LH | 24244 |
| | | | RH | 24247 |
| 2004 | L4-2.4 | Upstream | | 24618 |
| | | Downstream | | 24632 |
| | V6-3.3 | Upstream | LH | 24805 |
| | | | RH | 24804 |
| | | Downstream | LH | 24819 |
| | | | RH | 24818 |
| 2003-02 | L4-2.4 | Upstream | | 24618 |
| | | Downstream | | 24632 |
| | V6-3.3 | Upstream | LH | 24526 |
| | | | RH | 24521 |
| | | Downstream | LH | 24606 |
| | | | RH | 24544 |
| 2001 | L4-2.4 | Upstream | | 24527 |
| | | Downstream | | 24632 |
| | V6-3.3 | Upstream | LH | 24526 |
| | | | RH | 24521 |
| | | Downstream | LH | 24606 |
| | | | RH | 24544 |
| 2000-99 | L4-2.4 | Upstream | | 24521 |
| | | Downstream | Calif; RWD Federal; 4WD Federal; Std. Cab Pickup; RWD Federal; Ext'd Cab Pickup; RWD Calif; 4WD | 24632 24635 24635 24635 24632 |
| | V6-3.3 | Upstream | LH | 24526 |
| | | | RH | 24521 |
| | | Downstream | LH | 24606 |
| | | | RH | 24544 |
| 1998 | L4-2.4 | Upstream | | 24521 |
| | | Downstream | Calif; RWD Federal; 4WD Federal; Std. Cab Pickup; RWD Federal; Ext'd Cab Pickup; RWD Calif; 4WD | 24632 24635 24635 24635 24632 |
| GT-R | | | | |
| 2018-09 | V6-3.8 | Upstream | LH | 25685 |
| | | | RH | 25685 |
| | | Downstream | LH | 24449 |
| | | | RH | 24449 |
| Juke | | | | |
| 2015-14 | L4-1.6 | Upstream | Nismo RS S SL SV Nismo | 24791 24795 24795 24795 24795 |
| | | Downstream | Nismo RS S SL SV Nismo | 24167 24798 24798 24798 24798 |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------|--------|---------------|----------------------|------------------------|
| NISSAN (Cont'd) | | | | |
| Juke (Cont'd) | | | | |
| 2013-11 | L4-1.6 | Upstream | | 24791 |
| | | Downstream | | 24167 |
| Maxima | | | | |
| 2018-16 | V6-3.5 | Upstream | F | 24786 |
| | | | R | 24786 |
| | | Downstream | F | 24798 |
| | | | R | 24798 |
| 2014-13 | V6-3.5 | Upstream | F | 24783 |
| | | | R | 24783 |
| | | Downstream | F | 24449 |
| | | | R | 24450 |
| 2012-10 | V6-3.5 | Upstream | F | 25685 |
| | | | R | 25685 |
| | | Downstream | F | 24449 |
| | | | R | 24450 |
| 2009 | V6-3.5 | Upstream | F | 25679 |
| | | | R | 25679 |
| | | Downstream | F | 24449 |
| | | | R | 24450 |
| 2008-07 | V6-3.5 | Upstream | F | 24320 |
| | | | R | 24320 |
| | | Downstream | F | 24404 |
| | | | R | 24404 |
| 2006-04 | V6-3.5 | Upstream | F | 24320 |
| | | | R | 24320 |
| | | Downstream | F | 24404 |
| | | | R | A/T 24408 M/T 24404 |
| 2003-02 | V6-3.5 | Upstream | F | 24618 |
| | | | R | 24618 |
| | | Downstream | F | 24573 |
| | | | R | 24634 |
| 2001 | V6-3.0 | Upstream | LH | 24527 |
| | | | RH | 24619 |
| | | Downstream | LH | 24572 |
| | | | RH | 24574 |
| 2000 | V6-3.0 | Upstream | LH Calif. | 24527 |
| | | | Federal | 24619 |
| | | | RH | 24619 |
| | | | Federal | 24648 |
| | | Downstream | LH Calif. | 24572 |
| | | | RH Calif. | 24574 |
| | | | LH Calif. | 24521 |
| | | | Federal | 24525 |
| 1999 | V6-3.0 | Upstream | RH | 24525 |
| | | | Federal | 24630 |
| | | | LH Calif. | 24572 |
| | | | RH Calif. | 24574 |
| | | Downstream | Federal | 24630 |
| | | | LH Calif. | 24572 |
| | | | RH Calif. | 24574 |
| | | | Federal | 24525 |
| 1998 | V6-3.0 | Upstream | LH To 6/98 | 24525 |
| | | | From 6/98; Calif. | 24521 |
| | | | From 6/98; Federal | 24525 |
| | | | RH | 24525 |
| | | Downstream | To 6/98 | 24630 |
| | | | From 6/98; Federal | 24630 |
| | | | LH From 6/98; Calif. | 24572 |
| | | | RH From 6/98; Calif. | 24574 |
| 1997 | V6-3.0 | Upstream | LH | 24525 |
| | | | RH | 24525 |
| | | Downstream | | 24630 |
| | | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------|------------|---------------|---------------|--------|
| NISSAN (Cont'd) | | | | |
| Maxima (Cont'd) | | | | |
| 1996 | V6-3.0 | Upstream | LH | 24525 |
| | | | RH | 24525 |
| | | Downstream | To 6/96 | 24024 |
| | | | From 6/96 | 24531 |
| 1995 | V6-3.0 | Upstream | LH | 24525 |
| | | | RH | 24525 |
| | | Downstream | | 24024 |
| | | | | |
| 1994-90 | V6-3.0 | Upstream | | 24064 |
| 1989 | V6-3.0 | Upstream | | 24004 |
| 1988-87 | V6-3.0 | Upstream | | 24145 |
| 1986 | V6-3.0 | Upstream | To 1/86 | 24145 |
| | | | From 1/86 | 24062 |
| 1985 | V6-3.0 | Upstream | | 24145 |
| 1984-81 | L6-2.4 | Upstream | | 25572 |
| Micra | | | | |
| 2018 | L4-1.6 | Upstream | | 24783 |
| 2017-15 | L4-1.6 | Upstream | | 24783 |
| | | Downstream | | 24168 |
| 2007-06 | L4-1.4 | Upstream | MEX | 24449 |
| | | Downstream | MEX | 24644 |
| 1991-86 | L4-1.2 | Upstream | A/T | 24672 |
| | | | M/T | 25572 |
| Multi | | | | |
| 1988-86 | L4-2.0 | Upstream | FWD | 25572 |
| | | | AWD | 24003 |
| Murano | | | | |
| 2018-17 | V6-3.5 | Upstream | F | 24786 |
| | | | R | 24786 |
| | | Downstream | F | 24798 |
| | | | R | 24798 |
| 2016 | L4-2.5 | Downstream | | 24056 |
| | | V6-3.5 | Upstream | F |
| | R | | | 24786 |
| | Downstream | F | 24798 | |
| R | | 24798 | | |
| 2015 | V6-3.5 | Upstream | F | 24786 |
| | | | R | 24786 |
| | | Downstream | F | 24798 |
| | | | R | 24798 |
| 2014-12 | V6-3.5 | Upstream | F | 24783 |
| | | | R | 24783 |
| | | Downstream | F AWD | 24465 |
| | | | FWD | 24466 |
| 2011 | V6-3.5 | Upstream | F | 24783 |
| | | | R | 24783 |
| | | Downstream | F AWD | 24450 |
| | | | FWD | 24449 |
| 2010-09 | V6-3.5 | Upstream | F | 25690 |
| | | | R | 25690 |
| | | Downstream | F AWD | 24450 |
| | | | FWD | 24449 |
| 2007-04 | V6-3.5 | Upstream | F | 24320 |
| | | | R | 24320 |
| | | Downstream | F | 24404 |
| | | | R | 24404 |
| 2003 | V6-3.5 | Upstream | F To 2/03 | 24298 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|------------------------------|------------|---------------|---------------|-----------|-------|-------|
| NISSAN (Cont'd) | | | | | | |
| Murano (Cont'd) | | | | | | |
| 2003 | V6-3.5 | Upstream | F | From 2/03 | 24248 | |
| | | | R | | 24298 | |
| | | Downstream | F | | 24404 | |
| | | | R | | 24404 | |
| NV Series Van | | | | | | |
| 2018 | L4-2.0 | Upstream | | | 24783 | |
| | | Downstream | | | 24465 | |
| | V6-4.0 | Upstream | LH | | 24783 | |
| | | | RH | | 24783 | |
| | | Downstream | LH | | 24244 | |
| | | | RH | | 24247 | |
| | V8-5.6 | Upstream | LH | | 24786 | |
| | | | RH | | 24786 | |
| | | Downstream | LH | | 24480 | |
| | | | RH | | 24480 | |
| | 2017-13 | L4-2.0 | Upstream | | | 24783 |
| | | | Downstream | | | 24465 |
| V6-4.0 | | Upstream | LH | | 24783 | |
| | | | RH | | 24783 | |
| | | Downstream | LH | | 24244 | |
| | | | RH | | 24247 | |
| V8-5.6 | | Upstream | LH | | 24791 | |
| | | | RH | | 24791 | |
| | | Downstream | LH | | 24449 | |
| | | | RH | | 24449 | |
| 2012 | | V6-4.0 | Upstream | LH | | 24783 |
| | | | | RH | | 24783 |
| | Downstream | | LH | | 24244 | |
| | | | RH | | 24247 | |
| | V8-5.6 | Upstream | LH | | 24791 | |
| | | | RH | | 24791 | |
| | | Downstream | LH | | 24449 | |
| | | | RH | | 24449 | |
| NX, Pulsar, Pulsar NX | | | | | | |
| 1993-91 | L4-1.6 | Upstream | | | 25572 | |
| | L4-2.0 | Upstream | | | 24521 | |
| 1990-88 | All Engs | Upstream | | | 25572 | |
| 1987 | L4-1.6 | Upstream | CA16DE Eng | | 24003 | |
| | | | E16I Eng | | 24007 | |
| 1986-83 | All Engs | Upstream | | | 25572 | |
| Pathfinder | | | | | | |
| 2018-16 | V6-3.5 | Upstream | F | | 24786 | |
| | | | R | | 24786 | |
| | | Downstream | F | | 24798 | |
| | | | R | | 24798 | |
| 2015 | L4-2.5 | Upstream | | | 24783 | |
| | | Downstream | | | 24056 | |
| | V6-3.5 | Upstream | F | | 24786 | |
| | | | R | | 24786 | |
| | | Downstream | F | | 24798 | |
| | | | R | | 24798 | |
| | 2014 | L4-2.5 | Upstream | | | 24783 |
| | | | Downstream | | | 24056 |
| V6-3.5 | | Upstream | F | | 24783 | |
| | | | R | | 24783 | |
| | | Downstream | F | | 24466 | |
| | | | R | | 24465 | |
| 2013 | V6-3.5 | Upstream | F | | 24783 | |
| | | | R | | 24783 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|----------------------------|--------|--------------------------------|---------------|--------|--------------------------------|-------|
| NISSAN (Cont'd) | | | | | | |
| Pathfinder (Cont'd) | | | | | | |
| 2013 | V6-3.5 | Downstream | F | | 24466 | |
| | | | R | | 24465 | |
| 2012-11 | V6-4.0 | Upstream | LH | | 25685 | |
| | | | RH | | 25685 | |
| | | Downstream | LH | | 24244 | |
| | | | RH | | 24247 | |
| | V8-5.6 | Upstream | LH | | 25679 | |
| | | | RH | | 25679 | |
| Downstream | LH | | 24644 | | | |
| | RH | | 24644 | | | |
| 2010-08 | V6-4.0 | Upstream | LH | | 25679 | |
| | | | RH | | 25679 | |
| | | Downstream | LH | | 24244 | |
| | | | RH | | 24247 | |
| | V8-5.6 | Upstream | LH | | 25679 | |
| | | | RH | | 25679 | |
| | | Downstream | LH | | 24644 | |
| | | | RH | | 24644 | |
| 2007 | V6-4.0 | Upstream | LH | | 25679 | |
| | | | RH | | 25679 | |
| | | Downstream | LH | | 24244 | |
| | | | RH | | 24247 | |
| 2006-05 | V6-4.0 | Upstream | LH | | 24320 | |
| | | | RH | | 24320 | |
| | | Downstream | LH | | 24244 | |
| | | | RH | | 24247 | |
| 2004 | V6-3.5 | Upstream | LH | | 24400 | |
| | | | RH | | 24299 | |
| | | Downstream | LH | | 24246 | |
| | | | RH | | 24245 | |
| | V8-5.6 | Upstream | LH | | 24320 | |
| | | | RH | | 24320 | |
| Downstream | LH | | 24644 | | | |
| | RH | | 24644 | | | |
| 2003 | V6-3.5 | Upstream | LH | | 24400 | |
| | | | RH | | 24299 | |
| | | Downstream | LH | | 24406 | |
| | | | RH | | 24405 | |
| 2002 | V6-3.5 | Upstream | LH | | 24528 | |
| | | | RH | | 24618 | |
| | | Downstream | LH | | 24643 | |
| | | | RH | | 24573 | |
| | | | Upstream | LH | 2001 Model Year; To 8/1/00 | 24620 |
| | | | | RH | 2001.5 Model Year; From 8/2/00 | 24528 |
| Downstream | LH | 2001 Model Year; To 8/1/00 | 24619 | | | |
| | RH | 2001.5 Model Year; From 8/2/00 | 24618 | | | |
| | LH | 2001 Model Year; To 8/1/00 | 24639 | | | |
| | RH | 2001.5 Model Year; From 8/2/00 | 24643 | | | |
| 2000-96 | V6-3.3 | Upstream | LH | | 24526 | |
| | | | RH | | 24521 | |
| | | Downstream | LH | | 24543 | |
| | | | RH | | 24544 | |
| 1995-94 | V6-3.0 | Upstream | | | 24157 | |
| 1993-90 | V6-3.0 | Upstream | | | 24005 | |
| 1989 | V6-3.0 | Upstream | | | 24602 | |
| 1988-87 | L4-2.4 | Upstream | | | 25572 | |
| | V6-3.0 | Upstream | | | 24602 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|----------|---------------|-----------------------------------|--------|
| NISSAN (Cont'd) | | | | |
| Pickup (520, 521, 620, 720, D21) | | | | |
| 1997 | L4-2.4 | Upstream | | 24519 |
| | | Downstream | | 24606 |
| 1996 | L4-2.4 | Upstream | To 1/96 | 25572 |
| | | | From 1/96 | 24519 |
| | | Downstream | From 1/96 | 24606 |
| 1995-94 | L4-2.4 | Upstream | | 25572 |
| | V6-3.0 | Upstream | | 24157 |
| 1993-90 | L4-2.4 | Upstream | | 25572 |
| | V6-3.0 | Upstream | | 24005 |
| 1989-87 | L4-2.4 | Upstream | | 25572 |
| | V6-3.0 | Upstream | | 24602 |
| 1986 | L4-2.0 | Upstream | | 25572 |
| | L4-2.4 | Upstream | D21; To 5/86 | 25572 |
| | | | D21; From 5/86 | 24672 |
| | | | 720 | 25572 |
| | V6-3.0 | Upstream | | 24602 |
| 1985-83 | All Engs | Upstream | | 25572 |
| Qashqai | | | | |
| 2018-17 | L4-2.0 | Upstream | | 24786 |
| | | Downstream | | 24155 |
| Quest | | | | |
| 2017-15 | V6-3.5 | Upstream | F | 24786 |
| | | | R | 24786 |
| | | Downstream | F | 24798 |
| | | | R | 24800 |
| 2014-12 | V6-3.5 | Upstream | F | 24783 |
| | | | R | 24783 |
| | | Downstream | F | 24466 |
| | | | R | 24465 |
| 2011 | V6-3.5 | Upstream | F | 24783 |
| | | | R | 24783 |
| | | Downstream | F | 24449 |
| | | | R | 24450 |
| 2009-07 | V6-3.5 | Upstream | F | 24320 |
| | | | R | 24320 |
| | | Downstream | F | 24404 |
| | | | R | 24408 |
| 2006-05 | V6-3.5 | Upstream | F | 24320 |
| | | | R | 24320 |
| | | Downstream | F | 24404 |
| | | | R 4-Speed A/T | 24404 |
| | | | 5-Speed A/T | 24408 |
| 2004 | V6-3.5 | Upstream | F | 24320 |
| | | | R | 24320 |
| | | Downstream | F | 24404 |
| | | | R | 24404 |
| 2002-01 | V6-3.3 | Upstream | | 24521 |
| | | Downstream | | 22516 |
| 2000-99 | V6-3.3 | Upstream | Calif. | 24521 |
| | | | Federal | 24519 |
| | | Downstream | Calif. | 22516 |
| | | | Federal | 24637 |
| 1998 | V6-3.0 | Upstream | | 24043 |
| | | Downstream | | 24637 |
| 1997-96 | V6-3.0 | Upstream | | 24043 |
| | | Downstream | | 22521 |
| 1995 | V6-3.0 | Upstream | | 24043 |
| 1994 | V6-3.0 | Upstream | To 11/93; Titania O2; 29" Lgth | 22027 |
| | | | From 11/93; Zirconia O2; 10" Lgth | 24043 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|--------|---------------|---|--------|
| NISSAN (Cont'd) | | | | |
| Quest (Cont'd) | | | | |
| 1993 | V6-3.0 | Upstream | | 22027 |
| Rogue, Rogue Select, Rogue Sport | | | | |
| 2018 | L4-2.0 | Upstream | Gas | 24786 |
| | | Downstream | Gas | 24155 |
| | L4-2.5 | Downstream | | 24056 |
| 2017 | L4-2.0 | Upstream | Gas | 24786 |
| | | Downstream | Gas | 24155 |
| | L4-2.5 | Upstream | USA Prod. | 24799 |
| | | Downstream | | 24056 |
| 2016 | L4-2.5 | Upstream | USA Prod. | 24799 |
| | | Downstream | | 24056 |
| 2015-14 | L4-2.5 | Upstream | Old Body Style; S35 Body Code | 25685 |
| | | | New Body Style; USA Prod; T32 Body Code | 24799 |
| | | Downstream | Old Body Style; S35 Body Code | 24450 |
| | | | New Body Style; T32 Body Code | 24056 |
| 2013 | L4-2.5 | Upstream | | 25685 |
| | | Downstream | | 24450 |
| 2012-11 | L4-2.5 | Upstream | Federal | 25685 |
| | | | Loc. in Mnfid; Calif. | 25685 |
| | | Intermediate | Loc. After Primary Cat; Calif. | 24450 |
| | | Downstream | Federal | 24450 |
| | | | Loc. After Scndary Cat; Calif. | 24448 |
| 2010-08 | L4-2.5 | Upstream | Federal | 25679 |
| | | | Loc. in Mnfid; Calif. | 25685 |
| | | Intermediate | Loc. After Primary Cat; Calif. | 24450 |
| | | Downstream | Federal | 24450 |
| | | | Loc. After Scndary Cat; Calif. | 24448 |
| Sentra | | | | |
| 2018 | L4-1.6 | Upstream | | 24795 |
| | L4-1.8 | Upstream | A/T CVT | 24786 |
| | | | M/T | 24783 |
| | | Downstream | | 24472 |
| 2017 | L4-1.6 | Upstream | | 24795 |
| | L4-1.8 | Upstream | Calif. | 24786 |
| | | | Federal | 24783 |
| | | Downstream | | 24472 |
| 2016-13 | L4-1.8 | Upstream | Calif. | 24786 |
| | | | Federal | 24783 |
| | | Downstream | | 24472 |
| 2012-10 | L4-2.0 | Upstream | Calif. | 24853 |
| | | | Federal | 25685 |
| | | Downstream | | 24450 |
| | L4-2.5 | Upstream | Cyls. 1 & 4 | 25679 |
| | | | Cyls. 2 & 3 | 25679 |
| | | Downstream | Cyls. 1 & 4 | 24450 |
| | | | Cyls. 2 & 3 | 24450 |
| 2009 | L4-2.0 | Upstream | Calif. | 24853 |
| | | | Federal | 25679 |
| | | Downstream | | 24450 |
| | L4-2.5 | Upstream | Cyls. 1 & 4 | 25679 |
| | | | Cyls. 2 & 3 | 25679 |
| | | Downstream | Cyls. 1 & 4 | 24450 |
| | | | Cyls. 2 & 3 | 24450 |
| 2008-07 | L4-2.0 | Upstream | | 25679 |
| | | Downstream | | 24450 |
| | L4-2.5 | Upstream | Cyls. 1 & 4 | 25679 |
| | | | Cyls. 2 & 3 | 25679 |
| | | Downstream | Cyls. 1 & 4 | 24450 |
| | | | Cyls. 2 & 3 | 24450 |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|---------------------------|--|--|--|
| NISSAN (Cont'd) | | | | |
| Sentra (Cont'd) | | | | |
| 2008-07 | L4-2.5 | Downstream | Cyls. 2 & 3 | 24450 |
| 2006-05 | L4-1.8 | Upstream | | 24320 |
| | | Downstream | | 24644 |
| | L4-2.5 | Upstream | | 24320 |
| | | Downstream | | 24404 |
| 2004 | L4-1.8 | Upstream | | 24320 |
| | | Downstream | | 24644 |
| | L4-2.5 | Upstream | Calif, A/T | 24298 |
| | | | Federal; A/T | 24320 |
| | | | M/T | 24298 |
| Downstream | | 24404 | | |
| 2003 | L4-1.8 | Upstream | To 4/03; Calif. | 24320 |
| | | | To 04/03; Federal | 24644 |
| | | | From 4/03 | 24320 |
| | Downstream | | 24644 | |
| | L4-2.5 | Upstream | | 24298 |
| Downstream | | | 24407 | |
| 2002 | L4-1.8 | Upstream | Loc. in Mnflid; Clean Air Vehicle; Wideband O2 | 24320 |
| | | | LH Exc. Clean Air Vehicle | 24297 |
| | | | RH Exc. Clean Air Vehicle | 24298 |
| | | Intermediate | Loc. After Mnflid 3-Way Cat; Clean Air Vehicle | 24572 |
| | Downstream | Loc. After Underfloor (ADS-TWC) Cat; Clean Air Vehicle | 24638 | |
| | | LH Exc. Clean Air Vehicle | 24645 | |
| | | RH Exc. Clean Air Vehicle | 24573 | |
| | L4-2.5 | Upstream | | 24298 |
| | | Downstream | | 24407 |
| | 2001 | L4-1.8 | Upstream | Loc. in Mnflid; Clean Air Vehicle; Wideband O2 |
| LH Exc. Clean Air Vehicle; Grey Plug | | | | 24527 |
| Exc. Clean Air Vehicle; Light Blue Plug | | | | 24618 |
| RH Exc. Clean Air Vehicle; Grey Plug | | | | 24527 |
| Exc. Clean Air Vehicle; Light Blue Plug | | | 24618 | |
| Intermediate | | | Loc. After Mnflid 3-Way Cat; Clean Air Vehicle | 24572 |
| Downstream | | | Loc. After Underfloor (ADS-TWC) Cat; Clean Air Vehicle | 24638 |
| | | | LH Exc. Clean Air Vehicle; Black Plug | 24640 |
| L4-2.0 | | Upstream | Exc. Clean Air Vehicle; Dark Blue Plug | 24645 |
| | | | RH Exc. Clean Air Vehicle; Green Plug | 24573 |
| | | | Exc. Clean Air Vehicle; Grey Plug | 24572 |
| Downstream | | | 24527 | |
| 2000 | | L4-1.8 | Upstream | Loc. in Mnflid; Clean Air Vehicle; Wideband O2 |
| | LH Exc. Clean Air Vehicle | | | 24527 |
| | RH Exc. Clean Air Vehicle | | | 24527 |
| | Intermediate | | Loc. After Mnflid 3-Way Cat; Clean Air Vehicle | 24572 |
| | Downstream | Loc. After Underfloor (ADS-TWC) Cat; Clean Air Vehicle | 24638 | |
| | | LH Exc. Clean Air Vehicle | 24640 | |
| | L4-2.0 | Upstream | | 24527 |
| Downstream | | 24638 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--------------------------|----------|---------------|------------------------------|--------|
| NISSAN (Cont'd) | | | | |
| Sentra (Cont'd) | | | | |
| 1999-98 | L4-1.6 | Upstream | | 24521 |
| | | Downstream | | 24545 |
| | L4-2.0 | Upstream | | 24521 |
| | | Downstream | | 24632 |
| 1997 | L4-1.6 | Upstream | | 24521 |
| | | Downstream | | 24545 |
| 1996 | L4-1.6 | Upstream | JPN Prod; Calif. | 24521 |
| | | | JPN Prod; Federal; To 5/96 | 25572 |
| | | | JPN Prod; Federal; From 5/96 | 24521 |
| | | | Mexico Prod. | 24521 |
| | | Downstream | JPN Prod; Calif. | 24062 |
| | | | JPN Prod; Federal | 24024 |
| 1995 | L4-1.6 | Upstream | A/T | 24521 |
| | | | JPN Prod; Calif; M/T | 24521 |
| | | | JPN Prod; Federal; M/T | 25572 |
| | | Downstream | Mexico Prod; M/T | 25572 |
| | | | JPN Prod; Calif. | 24062 |
| | | | JPN Prod; Federal | 24024 |
| 1994-91 | All Engs | Upstream | 1-Wire | 25572 |
| | | | 3-Wire | 24521 |
| 1990-89 | L4-1.6 | Upstream | | 25572 |
| 1988-87 | All Engs | Upstream | 1-Wire | 25572 |
| | | | 3-Wire | 24007 |
| 1986-82 | All Engs | Upstream | | 25572 |
| Stanza | | | | |
| 1992 | L4-2.4 | Upstream | | 25572 |
| 1991-90 | L4-2.4 | Upstream | | 23044 |
| 1989-87 | L4-2.0 | Upstream | | 25572 |
| 1986 | L4-2.0 | Upstream | FWD | 25572 |
| | | | 4WD | 24003 |
| 1985-84 | L4-2.0 | Upstream | | 25572 |
| Titan | | | | |
| 2018-16 | V8-5.6 | Upstream | LH | 24786 |
| | | | RH | 24786 |
| | | Downstream | LH | 24480 |
| | | | RH | 24480 |
| 2015-13 | V8-5.6 | Upstream | LH | 24783 |
| | | | RH | 24783 |
| | | Downstream | LH | 24644 |
| | | | RH | 24644 |
| 2012-07 | V8-5.6 | Upstream | LH | 25679 |
| | | | RH | 25679 |
| | | Downstream | LH | 24644 |
| | | | RH | 24644 |
| 2006-04 | V8-5.6 | Upstream | LH | 24320 |
| | | | RH | 24320 |
| | | Downstream | LH | 24644 |
| | | | RH | 24644 |
| Van | | | | |
| 1988-87 | L4-2.4 | Upstream | | 25572 |
| Versa, Versa Note | | | | |
| 2018 | L4-1.6 | Upstream | Sedan | 24783 |
| | | Downstream | Sedan | 24168 |
| 2017-13 | L4-1.6 | Upstream | | 24783 |
| | | Downstream | | 24168 |
| 2012 | L4-1.6 | Upstream | | 24783 |
| | | Downstream | | 24168 |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-----------------------------------|--------|---------------|---------------|--------|
| NISSAN (Cont'd) | | | | |
| Versa, Versa Note (Cont'd) | | | | |
| 2012 | L4-1.8 | Upstream | | 25685 |
| | | Downstream | | 24450 |
| 2011-10 | L4-1.6 | Upstream | | 25679 |
| | | Downstream | | 24450 |
| | L4-1.8 | Upstream | | 25685 |
| | | Downstream | | 24450 |
| 2009 | L4-1.6 | Upstream | | 25679 |
| | | Downstream | | 24450 |
| | L4-1.8 | Upstream | | 25679 |
| | | Downstream | | 24450 |
| 2008-07 | L4-1.8 | Upstream | | 25679 |
| | | Downstream | | 24450 |
| Xterra | | | | |
| 2015-14 | V6-4.0 | Upstream | LH | 24786 |
| | | | RH | 24786 |
| | | Downstream | LH | 24056 |
| | | | RH | 24056 |
| 2013 | V6-4.0 | Upstream | LH | 24783 |
| | | | RH | 24783 |
| | | Downstream | LH | 24056 |
| | | | RH | 24056 |
| 2012-11 | V6-4.0 | Upstream | LH | 25685 |
| | | | RH | 25685 |
| | | Downstream | LH | 24247 |
| | | | RH | 24244 |
| 2010-07 | V6-4.0 | Upstream | LH | 25679 |
| | | | RH | 25679 |
| | | Downstream | LH | 24244 |
| | | | RH | 24247 |
| 2006-05 | V6-4.0 | Upstream | LH | 24320 |
| | | | RH | 24320 |
| | | Downstream | LH | 24244 |
| | | | RH | 24247 |
| 2004 | L4-2.4 | Upstream | | 24618 |
| | | Downstream | | 24632 |
| | V6-3.3 | Upstream | LH | 24805 |
| | | | RH | 24804 |
| | | Downstream | LH | 24819 |
| | | | RH | 24818 |
| 2003-02 | L4-2.4 | Upstream | | 24618 |
| | | Downstream | | 24632 |
| | V6-3.3 | Upstream | LH | 24526 |
| | | | RH | 24521 |
| Downstream | LH | 24606 | | |
| | RH | 24544 | | |
| 2001 | L4-2.4 | Upstream | | 24521 |
| | | Downstream | | 24632 |
| | V6-3.3 | Upstream | LH | 24526 |
| | | | RH | 24521 |
| | | Downstream | LH | 24606 |
| | | | RH | 24544 |
| 2000 | L4-2.4 | Upstream | | 24521 |
| | | Downstream | Calif. | 24632 |
| | | Downstream | Federal | 24635 |
| | V6-3.3 | Upstream | LH | 24526 |
| | | | RH | 24521 |
| | | Downstream | LH | 24606 |
| | | RH | 24544 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|----------|---------------|-------------------|--------|
| NISSAN (Cont'd) | | | | |
| X-Trail | | | | |
| 2006-05 | L4-2.5 | Upstream | | 24298 |
| | | Downstream | | 24407 |
| OLDSMOBILE | | | | |
| 88 (Delmont, Delta, Deluxe, Dynamic, Rocket, Standard, Super), Fiesta | | | | |
| 1999-97 | V6-3.8 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| 1996 | V6-3.8 | Upstream | | 21006 |
| | | Downstream | | 21528 |
| 1995-94 | V6-3.8 | Upstream | | 21006 |
| 1993 | V6-3.8 | Upstream | | 21004 |
| 1992-82 | All Engs | Upstream | | 21002 |
| 1981-79 | All Engs | Upstream | | 21553 |
| 98, LSS, Regency | | | | |
| 1999-97 | V6-3.8 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| 1996 | V6-3.8 | Upstream | | 21006 |
| | | Downstream | | 21528 |
| 1995-94 | V6-3.8 | Upstream | | 21006 |
| 1993 | V6-3.8 | Upstream | Supercharged | 21002 |
| | | Upstream | Exc. Supercharged | 21004 |
| 1992-82 | All Engs | Upstream | | 21002 |
| 1981-79 | All Engs | Upstream | | 21553 |
| Achieva | | | | |
| 1998-97 | L4-2.4 | Upstream | | 21002 |
| | | Downstream | | 21550 |
| | V6-3.1 | Upstream | | 21539 |
| | | Downstream | | 21550 |
| 1996 | L4-2.4 | Upstream | | 21002 |
| | | Downstream | | 21550 |
| | V6-3.1 | Upstream | | 21006 |
| | | Downstream | | 21550 |
| 1995-94 | L4-2.3 | Upstream | | 21002 |
| 1993-92 | V6-3.1 | Upstream | | 21006 |
| | | Upstream | | 21002 |
| 1993-92 | V6-3.3 | Upstream | | 21002 |
| | | Upstream | | 21002 |
| Alero | | | | |
| 2004-02 | L4-2.2 | Upstream | | 21045 |
| | | Downstream | | 21053 |
| | V6-3.4 | Upstream | | 21516 |
| | | Downstream | | 21537 |
| 2001 | L4-2.4 | Upstream | | 21040 |
| | | Downstream | | 21537 |
| | V6-3.4 | Upstream | | 21516 |
| | | Downstream | | 21537 |
| 2000 | L4-2.4 | Upstream | | 21040 |
| | | Downstream | | 21537 |
| | V6-3.4 | Upstream | | 21539 |
| | | Downstream | | 21537 |
| 1999 | L4-2.4 | Upstream | | 21039 |
| | | Downstream | | 21537 |
| | V6-3.4 | Upstream | | 21539 |
| | | Downstream | | 21537 |
| Aurora | | | | |
| 2003 | V8-4.0 | Upstream | F | 21516 |
| | | | R | 21516 |
| | | Downstream | | 21048 |
| 2002-01 | V6-3.5 | Upstream | | 21516 |
| | | Downstream | | 21048 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|----------|---------------|----------------------------|--------|
| OLDSMOBILE (Cont'd) | | | | |
| Aurora (Cont'd) | | | | |
| 2002-01 | V8-4.0 | Upstream | F | 21516 |
| | | | R | 21516 |
| | | Downstream | | 21048 |
| 1999-98 | V8-4.0 | Upstream | F | 21539 |
| | | | R | 21539 |
| | | Downstream | | 21528 |
| 1997-96 | V8-4.0 | Upstream | Loc. in Frt Mnfd | 21539 |
| | | | Loc. in Rear Mnfd | 21539 |
| | | | Loc. in Y Pipe Before Cat. | 21528 |
| | | Downstream | Loc. After Cat. | 21528 |
| 1995 | V8-4.0 | Upstream | F | 21506 |
| | | | R | 21506 |
| Bravada | | | | |
| 2004 | L6-4.2 | Upstream | | 21054 |
| | | Downstream | | 21044 |
| 2003-02 | L6-4.2 | Upstream | | 21049 |
| | | Downstream | | 21044 |
| 2001-98 | V6-4.3 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| | | Downstream | | 21006 |
| 1997-96 | V6-4.3 | Upstream | Loc. in LH Mnfd | 21006 |
| | | | Loc. in RH Mnfd | 21006 |
| | | | Loc. in Y Pipe Before Cat. | 21006 |
| | | Downstream | Loc. After Cat. | 21006 |
| 1994-92 | V6-4.3 | Upstream | | 21003 |
| 1991 | V6-4.3 | Upstream | | 21002 |
| Cutlass (Calais, Ciera, Supreme, Tiara), Custom/Vista Cruiser, F85, 442 | | | | |
| 1999 | V6-3.1 | Upstream | | 21539 |
| | | Downstream | | 21537 |
| 1998 | V6-3.1 | Upstream | | 21539 |
| | | Downstream | | 21550 |
| 1997 | V6-3.1 | Upstream | | 21539 |
| | | Downstream | Cutlass | 21537 |
| | | | Cutlass Supreme | 21528 |
| 1996 | L4-2.2 | Upstream | | 21002 |
| | | Downstream | | 21528 |
| | V6-3.1 | Upstream | | 21006 |
| | | Downstream | | 21528 |
| | V6-3.4 | Upstream | | 21006 |
| | | Downstream | | 21528 |
| 1995-94 | L4-2.2 | Upstream | | 21002 |
| | V6-3.1 | Upstream | | 21006 |
| | V6-3.4 | Upstream | | 21006 |
| 1993 | L4-2.2 | Upstream | | 21002 |
| | | | VIN M | 21006 |
| | V6-3.1 | Upstream | Calif; VIN T | 21003 |
| | | | Federal; VIN T | 21002 |
| | V6-3.3 | Upstream | | 21002 |
| V6-3.4 | Upstream | | 21006 | |
| 1992-82 | All Engs | Upstream | | 21002 |
| 1981-79 | All Engs | Upstream | | 21553 |
| Firenza | | | | |
| 1988-83 | All Engs | Upstream | | 21002 |
| 1982 | L4-1.8 | Upstream | CARB | 21002 |
| | | | FI | 21553 |
| Intrigue | | | | |
| 2002-00 | V6-3.5 | Upstream | | 21516 |
| | | Downstream | | 21048 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|----------|---------------|---------------|--------|
| OLDSMOBILE (Cont'd) | | | | |
| Intrigue (Cont'd) | | | | |
| 1999 | V6-3.5 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| | V6-3.8 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| 1998 | V6-3.8 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| Jetfire, Jetstar, Starfire | | | | |
| 1980-79 | All Engs | Upstream | | 21553 |
| Omega | | | | |
| 1984-82 | All Engs | Upstream | | 21002 |
| 1981-80 | L4-2.5 | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| | V6-2.8 | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| 1979 | All Engs | Upstream | | 21553 |
| Silhouette | | | | |
| 2004-01 | V6-3.4 | Upstream | | 21516 |
| | | Downstream | | 21528 |
| 2000-97 | V6-3.4 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| 1996 | V6-3.4 | Upstream | | 21006 |
| | | Downstream | | 21528 |
| 1995 | V6-3.8 | Upstream | | 21006 |
| 1994 | V6-3.1 | Upstream | | 21002 |
| | V6-3.8 | Upstream | | 21006 |
| 1993 | V6-3.1 | Upstream | | 21002 |
| | V6-3.8 | Upstream | | 21004 |
| 1992-90 | All Engs | Upstream | | 21002 |
| Toronado | | | | |
| 1992-82 | All Engs | Upstream | | 21002 |
| 1981-79 | All Engs | Upstream | | 21553 |
| PEUGEOT | | | | |
| 405 | | | | |
| 1991-89 | L4-1.9 | Upstream | | 25531 |
| 505 | | | | |
| 1991-86 | All Engs | Upstream | | 25515 |
| 1985 | L4-2.0 | Upstream | | 25031 |
| | L4-2.2 | Upstream | | 25036 |
| 1984-80 | L4-2.0 | Upstream | | 25031 |
| PLYMOUTH | | | | |
| Acclaim | | | | |
| 1995-89 | All Engs | Upstream | | 23023 |
| Arrow, Arrow Pickup | | | | |
| 1982-80 | All Engs | Upstream | | 23004 |
| Barracuda, Cuda, Duster/Trailduster, Scamp, Valiant | | | | |
| 1983 | L4-2.2 | Upstream | | 23004 |
| 1981-79 | All Engs | Upstream | | 23004 |
| Breeze | | | | |
| 2000-98 | L4-2.0 | Upstream | | 23048 |
| | | Downstream | | 23106 |
| | L4-2.4 | Upstream | | 23048 |
| Downstream | | | 23106 | |
| 1997 | L4-2.0 | Upstream | | 23039 |
| | | Downstream | | 23093 |
| | L4-2.4 | Upstream | | 23039 |
| 1996 | L4-2.0 | Upstream | | 23023 |
| | | Downstream | | 23093 |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-----------------------------|----------|---------------|-------------------------|--------|
| PLYMOUTH (Cont'd) | | | | |
| Breeze (Cont'd) | | | | |
| 1996 | L4-2.4 | Upstream | | 23023 |
| | | Downstream | | 23093 |
| Caravelle | | | | |
| 1989 | V8-5.2 | Upstream | | 23004 |
| 1988-87 | All Engs | Upstream | 1-Wire | 23004 |
| | | | 3-Wire | 23005 |
| 1986 | L4-2.2 | Upstream | | 23004 |
| | L4-2.5 | Upstream | | 23004 |
| | V8-5.2 | Upstream | | 23004 |
| 1985-84 | L4-2.2 | Upstream | | 23004 |
| | L4-2.6 | Upstream | | 24141 |
| | V8-5.2 | Upstream | | 23004 |
| 1983-79 | All Engs | Upstream | | 23004 |
| Colt, Champ, Cricket | | | | |
| 1995 | L4-1.5 | Upstream | | 24058 |
| | | Intermediate | Loc. After Primary Cat. | 24052 |
| | | Downstream | Loc. After Scndary Cat. | 24031 |
| 1994 | L4-1.5 | Upstream | Calif. | 24052 |
| | | | Federal | 24109 |
| | | Downstream | Calif. | 24031 |
| | | | Federal | 24109 |
| | L4-1.8 | Upstream | Calif. | 23001 |
| | | Downstream | Calif. | 23515 |
| | L4-2.4 | Upstream | AWD | 23515 |
| | | Downstream | FWD | 23514 |
| 1993 | L4-1.5 | Upstream | Calif. | 24052 |
| | | | Federal | 24109 |
| | | Downstream | Calif. | 24031 |
| | | | Federal | 24109 |
| | L4-1.8 | Upstream | Calif. | 23001 |
| | | Downstream | Calif. | 23515 |
| | L4-2.4 | Upstream | Calif; AWD | 23515 |
| | | | Calif; FWD | 23514 |
| Downstream | | Calif; AWD | 23513 | |
| | | Calif; FWD | 23559 | |
| 1992 | L4-1.5 | Upstream | | 24109 |
| | L4-1.8 | Upstream | | 24109 |
| | L4-2.4 | Upstream | | 24109 |
| 1991 | L4-1.5 | Upstream | A/T | 24109 |
| | | M/T | 24102 | |
| | L4-2.0 | Upstream | Calif. | 24102 |
| 1990 | L4-1.5 | Upstream | Federal | 23557 |
| | | | Calif; A/T | 24102 |
| | | | Federal; A/T | 24086 |
| | | | M/T | 24102 |
| | L4-1.6 | Upstream | Turbo | 24086 |
| | | | Calif; Non-Turbo | 24102 |
| | | | Federal; Non-Turbo | 24086 |
| | | | | 24086 |
| L4-2.0 | Upstream | Calif. | 24102 | |
| | | Federal | 23557 | |
| 1989 | L4-1.5 | Upstream | Calif. | 24102 |
| | | | Federal | 24086 |
| | | | VIN F; Turbo | 24086 |
| | L4-1.6 | Upstream | VIN Z; Turbo | 24533 |
| | | | Calif; VIN Y; Non-Turbo | 24102 |
| Federal; VIN Y; Non-Turbo | 24086 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--------------------------------------|----------|---------------|---------------|--------|
| PLYMOUTH (Cont'd) | | | | |
| Colt, Champ, Cricket (Cont'd) | | | | |
| 1989 | L4-1.8 | Upstream | | 24086 |
| | | Upstream | Calif. | 24102 |
| | L4-2.0 | Upstream | Federal | 23557 |
| 1988 | L4-1.5 | Upstream | | 24086 |
| | L4-1.6 | Upstream | | 24086 |
| | L4-2.0 | Upstream | | 24086 |
| 1987 | L4-1.5 | Upstream | | 24086 |
| | L4-1.6 | Upstream | | 24086 |
| | L4-2.0 | Upstream | To 10/86 | 24141 |
| | | | From 10/86 | 24086 |
| 1986-84 | All Engs | Upstream | | 24141 |
| 1983-80 | All Engs | Upstream | | 23004 |
| Conquest | | | | |
| 1986-84 | L4-2.6 | Upstream | | 23500 |
| Expo | | | | |
| 1989 | L4-2.2 | Upstream | | 23023 |
| 1988 | L4-2.2 | Upstream | | 23005 |
| 1987 | L4-2.2 | Upstream | | 23004 |
| Fury (I, II, III), Gran Fury | | | | |
| 1989-80 | All Engs | Upstream | | 23004 |
| Horizon, Turismo | | | | |
| 1990-89 | L4-2.2 | Upstream | | 23023 |
| 1988 | L4-2.2 | Upstream | | 23005 |
| 1987-80 | All Engs | Upstream | | 23004 |
| Laser | | | | |
| 1994-91 | L4-1.8 | Upstream | | 24102 |
| | | Upstream | Turbo | 24225 |
| | | | Non-Turbo | 24533 |
| 1990 | L4-1.8 | Upstream | Calif. | 24102 |
| | | Upstream | Federal | 24086 |
| | L4-2.0 | Upstream | | 24533 |
| Neon, SX 2.0 | | | | |
| 2001 | L4-2.0 | Upstream | | 23512 |
| | | Downstream | Calif | 23098 |
| | | Downstream | Federal | 23124 |
| 2000 | L4-2.0 | Upstream | Federal | 23127 |
| | | Downstream | ULEV | 23512 |
| | | Downstream | Federal | 23123 |
| | | | ULEV | 23098 |
| 1999-98 | L4-2.0 | Upstream | | 23126 |
| | | Downstream | | 23097 |
| 1997 | L4-2.0 | Upstream | | 23039 |
| | | Downstream | | 23097 |
| 1996-95 | L4-2.0 | Upstream | | 23023 |
| | | Downstream | | 23094 |
| Prowler | | | | |
| 2001-00 | V6-3.5 | Upstream | LH | 23048 |
| | | | RH | 23048 |
| | | Downstream | LH | 23048 |
| | | | RH | 23048 |
| 1999 | V6-3.5 | Upstream | LH | 23039 |
| | | | RH | 23039 |
| | | Downstream | LH | 23048 |
| | | | RH | 23048 |
| 1997 | V6-3.5 | Upstream | LH | 23039 |
| | | | RH | 23039 |
| | | Downstream | LH | 23048 |
| | | | RH | 23048 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|---------------|---------------|----------|-------|
| PLYMOUTH (Cont'd) | | | | | |
| Reliant | | | | | |
| 1989 | All Engs | Upstream | | 23023 | |
| 1988-87 | All Engs | Upstream | | 23005 | |
| 1986 | All Engs | Upstream | | 23004 | |
| 1985-84 | L4-2.2 | Upstream | | 23004 | |
| | L4-2.6 | Upstream | | 24141 | |
| 1983-81 | All Engs | Upstream | | 23004 | |
| Sapporo | | | | | |
| 1983-80 | L4-2.6 | Upstream | | 23004 | |
| Sundance | | | | | |
| 1994-89 | All Engs | Upstream | | 23023 | |
| 1988-87 | All Engs | Upstream | | 23005 | |
| Volare | | | | | |
| 1980-79 | All Engs | Upstream | | 23004 | |
| Voyager, Grand Voyager, PB Series Van | | | | | |
| 2000 | L4-2.4 | Upstream | | 23118 | |
| | | Downstream | TLEV | 23047 | |
| | | | w/o TLEV | 23105 | |
| | V6-3.0 | Upstream | | 23506 | |
| | | Downstream | TLEV | 23047 | |
| | w/o TLEV | | 23105 | | |
| | V6-3.3 | Upstream | | 23506 | |
| | | Downstream | TLEV | 23047 | |
| | | | w/o TLEV | 23105 | |
| | 1999 | L4-2.4 | Upstream | | 23118 |
| | | | Downstream | TLEV | 23047 |
| | | | | w/o TLEV | 23105 |
| V6-3.0 | | Upstream | To 9/98 | 23126 | |
| | | From 9/98 | 23506 | | |
| Downstream | | | 23105 | | |
| | | V6-3.3 | Upstream | | 23506 |
| Downstream | | | TLEV | 23047 | |
| | | | w/o TLEV | 23105 | |
| V6-3.8 | | Upstream | | 23506 | |
| | | Downstream | TLEV | 23047 | |
| | | | w/o TLEV | 23105 | |
| 1998 | L4-2.4 | Upstream | | 23118 | |
| | | Downstream | | 23105 | |
| | V6-3.0 | Upstream | | 23126 | |
| | | Downstream | TLEV | 23047 | |
| | w/o TLEV | | 23105 | | |
| | V6-3.3 | Upstream | | 23506 | |
| | | Downstream | TLEV | 23047 | |
| | | | w/o TLEV | 23105 | |
| | V6-3.8 | Upstream | | 23506 | |
| | | Downstream | TLEV | 23047 | |
| | | | w/o TLEV | 23105 | |
| | 1997 | L4-2.4 | Upstream | | 23041 |
| Downstream | | | | 23002 | |
| V6-3.0 | | Upstream | | 23039 | |
| | | Downstream | TLEV | 23006 | |
| w/o TLEV | | | 23002 | | |
| V6-3.3 | | Upstream | | 23039 | |
| | | Downstream | TLEV | 23006 | |
| | | | w/o TLEV | 23002 | |
| V6-3.8 | | Upstream | | 23039 | |
| | | Downstream | TLEV | 23006 | |
| | | | w/o TLEV | 23002 | |
| 1996 | | L4-2.4 | Upstream | | 23039 |
| | Downstream | | | 23041 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|----------|---------------|----------------------|------------------|-------|
| PLYMOUTH (Cont'd) | | | | | |
| Voyager, Grand Voyager, PB Series Van (Cont'd) | | | | | |
| 1996 | V6-3.0 | Upstream | | 23039 | |
| | | Downstream | TLEV | 23006 | |
| | | | w/o TLEV | 23002 | |
| | V6-3.3 | Upstream | | 23039 | |
| | | Downstream | TLEV | 23006 | |
| | | | w/o TLEV | 23002 | |
| | V6-3.8 | Upstream | | 23039 | |
| | | Downstream | TLEV | 23006 | |
| | | | w/o TLEV | 23002 | |
| | 1995 | All Engs | Upstream | Round Connector | 23039 |
| | | | | Square Connector | 23023 |
| | 1994-89 | All Engs | Upstream | | 23023 |
| 1988 | L4-2.5 | Upstream | | 23005 | |
| | V6-3.0 | Upstream | | 23005 | |
| 1987 | L4-2.2 | Upstream | CARB | 23004 | |
| | L4-2.5 | Upstream | | 23005 | |
| | L4-2.6 | Upstream | | 24141 | |
| | V6-3.0 | Upstream | | 23005 | |
| 1986-84 | L4-2.2 | Upstream | | 23004 | |
| | L4-2.6 | Upstream | | 24141 | |
| 1983-79 | All Engs | Upstream | | 23004 | |
| PONTIAC | | | | | |
| 6000 | | | | | |
| 1991-82 | All Engs | Upstream | | 21002 | |
| Acadian | | | | | |
| 1987-82 | L4-1.6 | Upstream | | 21002 | |
| 1981-80 | L4-1.6 | Upstream | 1-Wire | 21002 | |
| | | | 2-Wire | 21553 | |
| Aztek | | | | | |
| 2005 | V6-3.4 | Upstream | | 21516 | |
| | | Downstream | | 21048 | |
| 2004-01 | V6-3.4 | Upstream | | 21516 | |
| | | Downstream | | 21528 | |
| Bonneville, Catalina (incl. Grand Safari) | | | | | |
| 2005-04 | V6-3.8 | Upstream | LH | 21517 | |
| | | | RH | 21517 | |
| | | Downstream | LH | 21048 | |
| | | | RH | 21048 | |
| | V8-4.6 | Upstream | F | 21546 | |
| | | | R | 21546 | |
| | | | Downstream | | 21514 |
| | 2003-97 | V6-3.8 | Upstream | | 21539 |
| Downstream | | | | 21528 | |
| 1996 | V6-3.8 | Upstream | | 21006 | |
| | | Downstream | | 21528 | |
| 1995-94 | V6-3.8 | Upstream | | 21006 | |
| 1993 | V6-3.8 | Upstream | Supercharged | 21002 | |
| | | | Exc. Supercharged | 21004 | |
| 1992-82 | All Engs | Upstream | | 21002 | |
| 1981-80 | All Engs | Upstream | 1-Wire | 21002 | |
| | | | 2-Wire | 21553 | |
| 1979 | All Engs | Upstream | | 21553 | |
| Fiero | | | | | |
| 1988-84 | All Engs | Upstream | | 21002 | |
| Firebird | | | | | |
| 2002-01 | V6-3.8 | Upstream | Loc. in LH Mnfd | 21539 | |
| | | | Loc. in RH Mnfd | 21539 | |
| | | | Loc. in Exhaust Pipe | 21528 | |
| | | Downstream | Loc. After Cat. | 21528 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--------------------------|-----------------|-----------------|-------------------------|--------|
| PONTIAC (Cont'd) | | | | |
| Firebird (Cont'd) | | | | |
| 2002-01 | V8-5.7 | Upstream | LH | 21544 |
| | | | RH | 21528 |
| | | Downstream | LH | 21544 |
| | | | RH | 21544 |
| 2000 | V6-3.8 | Upstream | Loc. in LH Mnfd; 2-Wire | 21504 |
| | | | Loc. in LH Mnfd; 4-Wire | 21539 |
| | | | Loc. in RH Mnfd; 2-Wire | 21504 |
| | | | Loc. in RH Mnfd; 4-Wire | 21539 |
| | | | Loc. in Exhaust Pipe | 21528 |
| | Downstream | Loc. After Cat. | 21528 | |
| | V8-5.7 | Upstream | LH | 21544 |
| | | | RH | 21528 |
| | | Downstream | LH | 21544 |
| | | | RH | 21544 |
| | | | | |
| 1999-98 | V6-3.8 | Upstream | Loc. in LH Mnfd; 2-Wire | 21504 |
| | | | Loc. in LH Mnfd; 4-Wire | 21539 |
| | | | Loc. in RH Mnfd; 2-Wire | 21504 |
| | | | Loc. in RH Mnfd; 4-Wire | 21539 |
| | | | Loc. in Exhaust Pipe | 21528 |
| | Downstream | Loc. After Cat. | 21528 | |
| | V8-5.7 | Upstream | LH | 21544 |
| | | | RH | 21528 |
| | | Downstream | LH | 21544 |
| | | | RH | 21528 |
| | | | | |
| 1997 | V6-3.8 | Upstream | Loc. in LH Mnfd | 21539 |
| | | | Loc. in RH Mnfd | 21539 |
| | | | Loc. in Exhaust Pipe | 21528 |
| | Downstream | Loc. After Cat. | 21528 | |
| | V8-5.7 | Upstream | Loc. in LH Mnfd | 21006 |
| | | | Loc. in RH Mnfd | 21006 |
| Loc. in Exhaust Pipe | | | 21528 | |
| Downstream | Loc. After Cat. | 21528 | | |
| 1996 | V6-3.8 | Upstream | Loc. in LH Mnfd | 21006 |
| | | | Loc. in RH Mnfd | 21006 |
| | | | Loc. in Exhaust Pipe | 21528 |
| | Downstream | Loc. After Cat. | 21528 | |
| | V8-5.7 | Upstream | Loc. in LH Mnfd | 21006 |
| | | | Loc. in RH Mnfd | 21006 |
| Loc. in Exhaust Pipe | | | 21528 | |
| Downstream | Loc. After Cat. | 21528 | | |
| 1995 | V6-3.4 | Upstream | LH | 21002 |
| | | | RH | 21002 |
| | V6-3.8 | Upstream | Loc. in LH Mnfd | 21006 |
| | | | Loc. in RH Mnfd | 21006 |
| | | | Loc. in Exhaust Pipe | 21006 |
| | Downstream | Loc. After Cat. | 21006 | |
| | V8-5.7 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| 1994 | V6-3.4 | Upstream | LH | 21002 |
| | | | RH | 21002 |
| | V8-5.7 | Upstream | LH | 21006 |
| | | | RH | 21006 |
| 1993 | V6-3.4 | Upstream | LH | 21002 |
| | | | RH | 21002 |
| | V8-5.7 | Upstream | LH | 21002 |
| | | | RH | 21002 |
| 1992-82 | All Engs | Upstream | | 21002 |
| 1981-80 | All Engs | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| 1979 | All Engs | Upstream | | 21553 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---------------------------|------------|---------------|---------------|--------|
| PONTIAC (Cont'd) | | | | |
| Firefly | | | | |
| 2000-96 | L3-1.0 | Upstream | | 21527 |
| | | Downstream | | 21524 |
| | L4-1.3 | Upstream | | 21527 |
| | | Downstream | | 21524 |
| 1995 | L3-1.0 | Upstream | | 21527 |
| | L4-1.3 | Upstream | | 21527 |
| 1994 | L3-1.0 | Upstream | Calif. | 21527 |
| | | | Federal | 21002 |
| | L4-1.3 | Upstream | | 21002 |
| 1991-87 | L3-1.0 | Upstream | | 21002 |
| 1986-85 | L3-1.0 | Upstream | | 24033 |
| G3, G3 Wave, Wave5 | | | | |
| 2010-09 | L4-1.6 | Upstream | LXV Eng | 25712 |
| | | Downstream | LXV Eng | 25709 |
| 2008-06 | L4-1.6 | Upstream | | 25189 |
| | | Downstream | | 25190 |
| 2005 | L4-1.6 | Upstream | | 24653 |
| | | Downstream | | 24653 |
| G5, G5 Pursuit | | | | |
| 2010-09 | L4-2.2 | Upstream | | 21546 |
| | | Downstream | | 21043 |
| 2008-06 | L4-2.2 | Upstream | | 21546 |
| | | Downstream | | 21043 |
| | L4-2.4 | Upstream | | 21546 |
| | | Downstream | | 21043 |
| 2005 | L4-2.2 | Upstream | | 21546 |
| | | Downstream | | 21043 |
| G6 | | | | |
| 2010 | L4-2.4 | Upstream | 4-Speed A/T | 21558 |
| | | | 6-Speed A/T | 21555 |
| | Downstream | | 21064 | |
| | | | | |
| | V6-3.5 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| Downstream | | LH | 21568 | |
| | | RH | 21568 | |
| 2009 | L4-2.4 | Upstream | 4-Speed A/T | 21558 |
| | | | 6-Speed A/T | 21555 |
| | Downstream | | 21064 | |
| | | | | |
| | V6-3.5 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| Downstream | | LH | 21568 | |
| | | RH | 21568 | |
| V6-3.6 | Upstream | LH | 21546 | |
| | | RH | 21546 | |
| | Downstream | LH | 21568 | |
| | | RH | 21566 | |
| | V6-3.9 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| Downstream | LH | 21568 | | |
| | RH | 21568 | | |
| 2008 | L4-2.4 | Upstream | | 21558 |
| | | Downstream | | 21064 |
| | V6-3.5 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21568 |
| | | | RH | 21568 |
| | V6-3.6 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| Downstream | LH | 21568 | | |
| | | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------|------------|---------------|---------------|------------|
| PONTIAC (Cont'd) | | | | |
| G6 (Cont'd) | | | | |
| 2008 | V6-3.6 | Downstream | RH | 21566 |
| | | Upstream | LH | 21546 |
| | V6-3.9 | Upstream | LH | 21546 |
| | | Downstream | RH | 21568 |
| 2007 | L4-2.4 | Upstream | | 21546 |
| | | Downstream | | 21044 |
| | V6-3.5 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21514 |
| | | | RH | 21048 |
| | V6-3.6 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21514 |
| | | | RH | 21548 |
| | V6-3.9 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21514 |
| | | | RH | A/T M/T |
| 2006 | L4-2.4 | Upstream | | 21546 |
| | | Downstream | | 21044 |
| | V6-3.5 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21514 |
| | | | RH | 21514 |
| | V6-3.9 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21514 |
| | | | RH | A/T M/T |
| 2005 | V6-3.5 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | Downstream | LH | 21514 | |
| | | RH | 21514 | |
| G8 | | | | |
| 2009 | V6-3.6 | Upstream | LH | 21572 |
| | | | RH | 21572 |
| | | Downstream | LH | 25727 |
| | | | RH | 25727 |
| | V8-6.0 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21062 |
| | | | RH | 21062 |
| | V8-6.2 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21062 |
| | | | RH | 21062 |
| 2008 | V6-3.6 | Upstream | LH | 21572 |
| | | | RH | 21572 |
| | | Downstream | LH | 25727 |
| | | | RH | 25727 |
| | V8-6.0 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21062 |
| | | | RH | 21062 |
| Grand Am | | | | |
| 2005 | L4-2.2 | Upstream | | 21045 |
| | | Downstream | | 21053 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--------------------------|----------|---------------|----------------------------|--------|-------|
| PONTIAC (Cont'd) | | | | | |
| Grand Am (Cont'd) | | | | | |
| 2005 | V6-3.4 | Upstream | | 21516 | |
| | | Downstream | | 21523 | |
| 2004-02 | L4-2.2 | Upstream | | 21045 | |
| | | Downstream | | 21053 | |
| | V6-3.4 | Upstream | | 21516 | |
| | | Downstream | | 21537 | |
| 2001 | L4-2.4 | Upstream | | 21040 | |
| | | Downstream | | 21537 | |
| | V6-3.4 | Upstream | | 21516 | |
| | | Downstream | | 21537 | |
| 2000 | L4-2.4 | Upstream | | 21040 | |
| | | Downstream | | 21537 | |
| | V6-3.4 | Upstream | | 21539 | |
| | | Downstream | | 21537 | |
| 1999 | L4-2.4 | Upstream | w/o RC9 Option Code | 21002 | |
| | | Downstream | w/RC9 Option Code | 21039 | |
| | V6-3.4 | Upstream | | 21539 | |
| | | Downstream | | 21537 | |
| 1998-97 | L4-2.4 | Upstream | | 21002 | |
| | | Downstream | | 21550 | |
| | V6-3.1 | Upstream | | 21539 | |
| | | Downstream | | 21550 | |
| 1996 | L4-2.4 | Upstream | | 21002 | |
| | | Downstream | | 21550 | |
| | V6-3.1 | Upstream | | 21006 | |
| | | Downstream | | 21550 | |
| 1995-94 | L4-2.3 | Upstream | | 21002 | |
| | V6-3.1 | Upstream | | 21006 | |
| 1993-85 | All Engs | Upstream | | 21002 | |
| 1980 | All Engs | Upstream | 1-Wire | 21002 | |
| | | | 2-Wire | 21553 | |
| 1979 | All Engs | Upstream | | 21553 | |
| Grand Prix | | | | | |
| 2008 | V6-3.8 | Upstream | Calif. | 21546 | |
| | | Downstream | Federal | 21517 | |
| | V8-5.3 | Upstream | | 21559 | |
| | | Downstream | | 21023 | |
| 2007-05 | V6-3.8 | Upstream | Supercharged | 21517 | |
| | | | Exc. Supercharged; Calif. | 21546 | |
| | | | Exc. Supercharged; Federal | 21517 | |
| | V8-5.3 | Downstream | | 21048 | |
| | | Upstream | | 21559 | |
| | | Downstream | | 21048 | |
| 2004 | V6-3.8 | Upstream | | 21517 | |
| | | Downstream | | 21048 | |
| 2003-01 | V6-3.1 | Upstream | | 21516 | |
| | | Downstream | | 21528 | |
| | V6-3.8 | Upstream | | 21539 | |
| | | Downstream | | 21528 | |
| 2000-97 | V6-3.1 | Upstream | | 21539 | |
| | | Downstream | | 21528 | |
| | V6-3.8 | Upstream | | 21539 | |
| | | Downstream | | 21528 | |
| | 1996 | V6-3.1 | Upstream | | 21006 |
| | | | Downstream | | 21528 |
| V6-3.4 | Upstream | LH | 21006 | | |
| | | RH | 21006 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-----------------------------------|----------|---------------|-------------------|----------------|
| PONTIAC (Cont'd) | | | | |
| Grand Prix (Cont'd) | | | | |
| 1996 | V6-3.4 | Downstream | | 21528 |
| 1995-94 | V6-3.1 | Upstream | | 21006 |
| | V6-3.4 | Upstream | LH RH | 21006 21006 |
| 1993 | V6-3.1 | Upstream | Calif. Federal | 21003 21002 |
| | V6-3.4 | Upstream | | 21003 |
| 1992-82 | All Engs | Upstream | | 21002 |
| 1981-80 | All Engs | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| 1979 | All Engs | Upstream | | 21553 |
| Laurentian | | | | |
| 1981-80 | All Engs | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| 1979 | All Engs | Upstream | | 21553 |
| LeMans, Grand LeMans, GTO | | | | |
| 2006-05 | V8-6.0 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 24653 |
| | | | RH | 24653 |
| 2004 | V8-5.7 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 24653 |
| | | | RH | 24653 |
| 1993-88 | All Engs | Upstream | | 21002 |
| 1983-82 | All Engs | Upstream | | 21002 |
| 1981-80 | All Engs | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| 1979 | All Engs | Upstream | | 21553 |
| Montana (SV6), Trans Sport | | | | |
| 2009-08 | V6-3.9 | Upstream | | 21546 |
| | | Downstream | | 21568 |
| 2007 | V6-3.9 | Upstream | | 21546 |
| | | Downstream | | 21048 |
| 2006 | V6-3.5 | Upstream | | 21546 |
| | | Downstream | | 21048 |
| | V6-3.9 | Upstream | | 21546 |
| | | Downstream | | 21048 |
| 2005 | V6-3.4 | Upstream | | 21516 |
| | | Downstream | | 21048 |
| | V6-3.5 | Upstream | | 21546 |
| | | Downstream | | 21048 |
| 2004-01 | V6-3.4 | Upstream | | 21516 |
| | | Downstream | | 21528 |
| 2000-97 | V6-3.4 | Upstream | | 21539 |
| | | Downstream | | 21528 |
| 1996 | V6-3.4 | Upstream | | 21006 |
| | | Downstream | | 21528 |
| 1995-94 | V6-3.1 | Upstream | | 21002 |
| | V6-3.8 | Upstream | | 21006 |
| 1993 | V6-3.1 | Upstream | | 21002 |
| | V6-3.8 | Upstream | | 21004 |
| 1992-90 | All Engs | Upstream | | 21002 |
| Optima | | | | |
| 1991-88 | All Engs | Upstream | | 21002 |
| Parisienne | | | | |
| 1986 | V6-4.3 | Upstream | | 21002 |
| | V8-5.0 | Upstream | | 21002 |
| 1985 | V6-3.8 | Upstream | | 21002 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|----------------------------|------------|-----------------------------------|-----------------------------------|----------------|
| PONTIAC (Cont'd) | | | | |
| Parisienne (Cont'd) | | | | |
| 1985 | V6-4.3 | Upstream | | 21541 |
| | V8-5.0 | Upstream | | 21002 |
| 1984-82 | All Engs | Upstream | | 21002 |
| 1981-80 | All Engs | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| 1979 | All Engs | Upstream | | 21553 |
| Phoenix | | | | |
| 1984-82 | All Engs | Upstream | | 21002 |
| 1981-80 | All Engs | Upstream | 1-Wire | 21002 |
| | | | 2-Wire | 21553 |
| 1979 | All Engs | Upstream | | 21553 |
| Safari | | | | |
| 1989-87 | V8-5.0 | Upstream | | 21002 |
| Solstice | | | | |
| 2009 | L4-2.0 | Upstream | | 24325 |
| | | Downstream | | 21564 |
| | L4-2.4 | Upstream | | 21558 |
| 2008 | L4-2.0 | Downstream | | 21064 |
| | | Upstream | | 24325 |
| | Downstream | 1st Design; O2 Marked 12590594 | | 21562 |
| | | 2nd Design; O2 Marked 12616506 | | 21564 |
| L4-2.4 | Upstream | | 21558 | |
| | Downstream | | 21064 | |
| 2007 | L4-2.0 | Upstream | | 24325 |
| | | Downstream | 1st Design; O2 Marked 12590594 | 21562 |
| | Downstream | 2nd Design; O2 Marked 12616506 | | 21564 |
| | | Upstream | | 21546 |
| L4-2.4 | Downstream | | 21035 | |
| | Upstream | | 21546 | |
| 2006 | L4-2.4 | Downstream | | 21035 |
| | | Upstream | | 21546 |
| Sunbird, J2000 | | | | |
| 1994-83 | All Engs | Upstream | | 21002 |
| 1982 | L4-1.8 | Upstream | CARB | 21002 |
| | | | FI | 21553 |
| 1980 | L4-2.5 | Upstream | | 21553 |
| | V6-3.8 | Upstream | 1-Wire 2-Wire | 21002 21553 |
| 1979 | All Engs | Upstream | | 21553 |
| Sunburst | | | | |
| 1988-85 | L4-1.5 | Upstream | | 21002 |
| Sunfire | | | | |
| 2005-03 | L4-2.2 | Upstream | | 21045 |
| | | Downstream | | 21042 |
| 2002 | L4-2.2 | Upstream | | 21045 |
| | | Downstream | | 21042 |
| | L4-2.4 | Upstream | | 21040 |
| | | Downstream | | 21550 |
| 2001-00 | L4-2.2 | Upstream | | 21040 |
| | | Downstream | | 21519 |
| | L4-2.4 | Upstream | | 21040 |
| | | Downstream | | 21550 |
| 1999 | L4-2.2 | Upstream | | 21039 |
| | | Downstream | | 21519 |
| | L4-2.4 | Upstream | | 21039 |
| | | Downstream | | 21550 |
| 1998 | L4-2.2 | Upstream | | 21002 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|------------|----------------|----------------|--------|-------|
| PONTIAC (Cont'd) | | | | | |
| Sunfire (Cont'd) | | | | | |
| 1998 | L4-2.2 | Downstream | | 21519 | |
| | | Upstream | | 21002 | |
| | | Downstream | | 21550 | |
| 1997-96 | L4-2.2 | Upstream | | 21002 | |
| | | Downstream | | 21550 | |
| | L4-2.4 | Upstream | | 21002 | |
| | | Downstream | | 21550 | |
| 1995 | L4-2.2 | Upstream | | 21002 | |
| | | Upstream | | 21002 | |
| | L4-2.3 | Downstream | GT; A/T | 21550 | |
| Sunrunner | | | | | |
| 1997-96 | L4-1.6 | Upstream | | 21508 | |
| | | Downstream | | 21509 | |
| 1995-94 | L4-1.6 | Upstream | Calif. | 21508 | |
| | | | Federal | 21541 | |
| T1000 | | | | | |
| 1987-82 | L4-1.6 | Upstream | | 21002 | |
| 1981 | L4-1.6 | Upstream | 1-Wire | 21002 | |
| | | | 2-Wire | 21553 | |
| Tempest | | | | | |
| 1991-87 | All Engs | Upstream | | 21002 | |
| Torrent | | | | | |
| 2009-08 | V6-3.4 | Upstream | | 21546 | |
| | | Downstream | | 21568 | |
| | V6-3.6 | Upstream | LH | | 21575 |
| | | | RH | | 21575 |
| | Downstream | LH | | 21571 | |
| | | RH | | 21571 | |
| 2007-06 | V6-3.4 | Upstream | | 21546 | |
| | | Downstream | | 21048 | |
| Vibe | | | | | |
| 2010-09 | L4-1.8 | Upstream | | 24661 | |
| | | Downstream | | 24841 | |
| | L4-2.4 | Upstream | | 24662 | |
| | | Downstream | AWD | 24457 | |
| | | FWD | 24453 | | |
| 2008-07 | L4-1.8 | Upstream | | 24661 | |
| | | Downstream | | 21547 | |
| 2006-05 | L4-1.8 | Upstream | 1ZZFE Eng; AWD | 24811 | |
| | | | 1ZZFE Eng; FWD | 24661 | |
| | | | 2ZZGE Eng | 24806 | |
| | Downstream | 1ZZFE Eng; AWD | 24579 | | |
| | | 1ZZFE Eng; FWD | 21547 | | |
| | | 2ZZGE Eng | 21547 | | |
| 2004 | L4-1.8 | Upstream | 1ZZFE Eng | 24811 | |
| | | | 2ZZGE Eng | 24806 | |
| | Downstream | 1ZZFE Eng; AWD | 24579 | | |
| | | 1ZZFE Eng; FWD | 21547 | | |
| | | 2ZZGE Eng | 21547 | | |
| 2003 | L4-1.8 | Upstream | 1ZZFE Eng | 24811 | |
| | | | 2ZZGE Eng | 21547 | |
| | Downstream | 1ZZFE Eng; AWD | 24579 | | |
| | | 1ZZFE Eng; FWD | 21547 | | |
| | | 2ZZGE Eng | 21547 | | |
| PORSCHE | | | | | |
| 911 | | | | | |
| 2017 | H6-3.0 | Upstream | LH | 24324 | |
| | | | RH | 24324 | |
| | | Downstream | LH | 25761 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-------------------------|------------|---------------|---|----------|-------|-------|
| PORSCHE (Cont'd) | | | | | | |
| 911 (Cont'd) | | | | | | |
| 2017 | H6-3.0 | Downstream | RH | 25761 | | |
| | | | LH | 24326 | | |
| | | Upstream | LH | 24326 | | |
| | | | RH | 25719 | | |
| | | Downstream | LH | 25719 | | |
| | | | RH | 25719 | | |
| | H6-4.0 | Upstream | LH | 24324 | | |
| | | | RH | 24324 | | |
| | | Downstream | LH | 25696 | | |
| | | | RH | 25696 | | |
| | | 2016 | H6-3.4 | Upstream | LH | 24324 |
| | | | | | RH | 24324 |
| | Downstream | LH | | 25719 | | |
| | | RH | | 25719 | | |
| 2015-14 | H6-3.8 | Upstream | LH Turbo | 24326 | | |
| | | | Non-Turbo | 24324 | | |
| | | | RH Turbo | 24326 | | |
| | | | Non-Turbo | 24324 | | |
| | | Downstream | LH Turbo | 25719 | | |
| | | | MA1.03 Eng; Non-Turbo | 25719 | | |
| | | | MA1.75 Eng; Non-Turbo | 25696 | | |
| | | | RH Turbo | 25719 | | |
| | | | MA1.03 Eng; Non-Turbo | 25719 | | |
| | | | MA1.75 Eng; Non-Turbo | 25696 | | |
| | H6-4.0 | Upstream | LH | 24324 | | |
| | | | RH | 24324 | | |
| | | Downstream | LH | 25696 | | |
| | | | RH | 25696 | | |
| 2013-14 | | H6-3.4 | Upstream | LH | 24324 | |
| | | | | RH | 24324 | |
| | Downstream | | LH | 25719 | | |
| | | | RH | 25719 | | |
| | H6-3.8 | Upstream | LH Turbo | 24326 | | |
| | | | Non-Turbo | 24324 | | |
| | | Downstream | RH Turbo | 24326 | | |
| | | | Non-Turbo | 24324 | | |
| 2013 | H6-3.4 | Upstream | LH | 24324 | | |
| | | | RH | 24324 | | |
| | | Downstream | LH | 25719 | | |
| | | | RH | 25719 | | |
| | H6-3.8 | Upstream | LH | 24324 | | |
| | | | RH | 24324 | | |
| 2012 | H6-3.4 | Upstream | LH | 24324 | | |
| | | | RH | 24324 | | |
| | Downstream | LH | 25719 | | | |
| | | RH | 25719 | | | |
| H6-3.6 | Upstream | LH | 24339 | | | |
| | | RH | 24339 | | | |
| | Downstream | LH | 25719 | | | |
| | | RH | 25719 | | | |
| 2012 | H6-3.8 | Upstream | LH MA1.03 Eng; 991 Body Code; Non-Turbo | 24324 | | |
| | | | RH | 25719 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-------------------------|------------|---------------|---|--------------------------|-----------|-------|
| PORSCHE (Cont'd) | | | | | | |
| 911 (Cont'd) | | | | | | |
| 2012 | H6-3.8 | Upstream | LH MA1.01 Eng; 997 Body Code; Non-Turbo | 24339 | | |
| | | | RH MA1.70 Eng; Turbo | 24324 | | |
| | | | MA1.03 Eng; 991 Body Code; Non-Turbo | 24324 | | |
| | | | MA1.01 Eng; 997 Body Code; Non-Turbo | 24339 | | |
| | | Downstream | LH MA1.70 Eng; Turbo | 25719 | | |
| | | | MA1.03 Eng; 991 Body Code; Non-Turbo | 25719 | | |
| | | | MA1.01 Eng; 997 Body Code; Non-Turbo | 25719 | | |
| | | | RH MA1.70 Eng; Turbo | 25719 | | |
| | | | MA1.03 Eng; 991 Body Code; Non-Turbo | 25719 | | |
| | | | MA1.01 Eng; 997 Body Code; Non-Turbo | 25719 | | |
| | | 2011 | H6-3.6 | Upstream | LH Turbo | 24343 |
| | | | | | Non-Turbo | 24339 |
| | | | | RH Turbo | 24343 | |
| | | | | Non-Turbo | 24339 | |
| Downstream | LH Turbo | | | 25696 | | |
| | Non-Turbo | | | 25719 | | |
| H6-3.8 | Upstream | | LH Turbo | 24324 | | |
| | | | Non-Turbo | 24339 | | |
| | Downstream | | LH Carrera 4S; Non-Turbo | 25719 | | |
| | | | Carrera GTS; Non-Turbo | 25719 | | |
| 2010 | H6-3.6 | Upstream | LH | 24339 | | |
| | | | RH | 24339 | | |
| | | Downstream | LH | 25719 | | |
| | | | RH | 25719 | | |
| | | H6-3.8 | Upstream | LH Turbo | 24324 | |
| | | | | Non-Turbo | 24339 | |
| | | | Downstream | LH Carrera 4S; Non-Turbo | 25719 | |
| | | | | Carrera S; Non-Turbo | 25719 | |
| | H6-4.0 | | Upstream | LH | 24339 | |
| | | | | RH | 24339 | |
| | Downstream | LH | 25659 | | | |
| | | RH | 25659 | | | |
| | 2010 | H6-3.6 | Upstream | LH | 24339 | |
| | | | | RH | 24339 | |
| Downstream | | | LH | 25719 | | |
| | | | RH | 25719 | | |
| H6-3.8 | | Upstream | LH Turbo | 24324 | | |
| | | | Non-Turbo | 24339 | | |
| | | Downstream | LH Carrera 4S; Non-Turbo | 25719 | | |
| | | | Carrera S; Non-Turbo | 25719 | | |
| | | H6-3.8 | Upstream | LH Turbo | 24324 | |
| | | | | Non-Turbo | 24339 | |
| 2010 | H6-3.6 | Upstream | LH Carrera 4S; Non-Turbo | 25719 | | |
| | | | Carrera S; Non-Turbo | 25719 | | |
| | | Downstream | LH Carrera 4S; Non-Turbo | 25719 | | |
| | | | GT3; Non-Turbo | 25659 | | |
| | | H6-3.8 | Upstream | LH Turbo | 25719 | |
| | | | | Carrera 4S; Non-Turbo | 25719 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|-------------------------|---------------------------------|---------------|-------------------------|---------------------------------|---------------------------------|-----------------------|-------|
| PORSCHE (Cont'd) | | | | | | | |
| 911 (Cont'd) | | | | | | | |
| 2010 | H6-3.8 | Downstream | LH Carrera S; Non-Turbo | 25719 | | | |
| | | | Targa 4S; Non-Turbo | 25719 | | | |
| | | | GT3; Non-Turbo | 25659 | | | |
| | | 2009 | H6-3.6 | Upstream | LH MA1.02 Eng; Non-Turbo | 24339 | |
| | | | | | M97.70 & M97.70S Engs; Turbo | 24343 | |
| | | | | Downstream | RH MA1.02 Eng; Non-Turbo | 24339 | |
| | | | | | M97.70 & M97.70S Engs; Turbo | 24343 | |
| | | | | H6-3.8 | Upstream | LH M97.70 Eng; Turbo | 25696 |
| | | | | | | MA1.02 Eng; Non-Turbo | 25719 |
| | | Downstream | LH M97.70S Eng; Turbo | | 25696 | | |
| | | | MA1.02 Eng; Non-Turbo | | 25719 | | |
| | | 2008-07 | H6-3.6 | Upstream | LH Turbo; M97.70 & M97.70S Engs | 24343 | |
| | | | | | Non-Turbo; M96.05 Eng | 24343 | |
| | | | | Downstream | LH Turbo; M97.70 & M97.70S Engs | 24343 | |
| Non-Turbo; M96.05 Eng | 24343 | | | | | | |
| H6-3.8 | Upstream | | | LH Turbo; M97.70 & M97.70S Engs | 25696 | | |
| | | | | Non-Turbo; M96.05 Eng | 25696 | | |
| Downstream | LH Turbo; M97.70 & M97.70S Engs | | 25696 | | | | |
| | Non-Turbo; M96.05 Eng | | 25696 | | | | |
| 2006 | H6-3.6 | | Upstream | LH Turbo | 24343 | | |
| | | | | Non-Turbo | 24343 | | |
| | | | Downstream | LH Turbo | 25696 | | |
| | | | | Non-Turbo | 25696 | | |
| | H6-3.8 | | Upstream | LH Turbo | 24343 | | |
| | | | | Non-Turbo | 24343 | | |
| | | Downstream | LH Turbo | 25696 | | | |
| | | | Non-Turbo | 25696 | | | |
| 2005 | H6-3.6 | Upstream | LH Turbo | 24312 | | | |
| | | | Non-Turbo | 25701 | | | |
| | | Downstream | RH Turbo | 24312 | | | |
| | H6-3.8 | Upstream | LH Turbo | 25653 | | | |
| | | | Non-Turbo | 25701 | | | |
| | | Downstream | RH Turbo | 25653 | | | |
| 2004-02 | H6-3.6 | Upstream | LH Turbo | 24312 | | | |
| | | | Non-Turbo | 25701 | | | |
| | | Downstream | RH Turbo | 24312 | | | |
| | | | Non-Turbo | 25701 | | | |
| | | H6-3.8 | Upstream | LH Turbo | 25653 | | |
| | | | | Non-Turbo | 25701 | | |
| Downstream | LH Turbo | 25653 | | | | | |
| | Non-Turbo | 25701 | | | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------|----------|---------------|-----------------------|--------|
| PORSCHE (Cont'd) | | | | |
| 911 (Cont'd) | | | | |
| 2004-02 | H6-3.6 | Downstream | LH Non-Turbo | 25701 |
| 2001 | H6-3.4 | Upstream | LH | 25581 |
| | | | RH | 25581 |
| | | Downstream | LH | 25581 |
| | RH | | 25581 | |
| | H6-3.6 | Upstream | LH | 24312 |
| | | | RH | 24312 |
| Downstream | | LH | 25653 | |
| | | RH | 25653 | |
| 2000-99 | H6-3.4 | Upstream | LH | 25581 |
| | | | RH | 25581 |
| | | Downstream | LH | 25581 |
| | | | RH | 25581 |
| 1998 | H6-3.6 | Upstream | LH | 25580 |
| | | | RH | 25580 |
| | | Downstream | LH | 25581 |
| | | | RH | 25581 |
| 1997-96 | H6-3.6 | Upstream | LH Turbo | 25581 |
| | | | LH Non-Turbo | 25580 |
| | | | RH Turbo | 25581 |
| | | | RH Non-Turbo | 25580 |
| | | Downstream | LH Turbo | 25580 |
| | | | LH Non-Turbo | 25581 |
| | | | RH Turbo | 25580 |
| | | | RH Non-Turbo | 25581 |
| 1995 | H6-3.6 | Upstream | LH | 25580 |
| | | | RH | 25580 |
| | | Downstream | LH | 25581 |
| | | | RH | 25581 |
| 1994 | H6-3.6 | Upstream | 3-Wire; 964 Body Code | 25516 |
| | | | 4-Wire; 993 Body Code | 25582 |
| 1993-86 | All Engs | Upstream | | 25516 |
| 1985-84 | H6-3.2 | Upstream | Turbo | 25516 |
| | | | Non-Turbo | 25506 |
| | H6-3.3 | Upstream | | 25516 |
| 1983-79 | H6-3.0 | Upstream | | 25500 |
| 918 Spyder | | | | |
| 2015 | V8-4.6 | Upstream | LH | 24361 |
| | | | RH | 24361 |
| | | Downstream | LH | 25719 |
| | | | RH | 25719 |
| 924 | | | | |
| 1988-87 | L4-2.5 | Upstream | Calif. | 25507 |
| | | | Federal | 25509 |
| 1982-80 | L4-2.0 | Upstream | | 25500 |
| 928 | | | | |
| 1995-93 | V8-5.4 | Upstream | | 25516 |
| 1991-88 | V8-5.0 | Upstream | | 25516 |
| 1987-85 | V8-5.0 | Upstream | | 25506 |
| 1984-83 | V8-4.7 | Upstream | | 25506 |
| 1982-80 | V8-4.5 | Upstream | | 25500 |
| 944 | | | | |
| 1991 | L4-3.0 | Upstream | | 25509 |
| 1990 | L4-3.0 | Upstream | Turbo | 25516 |
| | | | Non-Turbo | 25509 |
| 1989 | L4-2.5 | Upstream | | 25516 |
| | L4-2.7 | Upstream | | 25509 |
| | L4-3.0 | Upstream | | 25509 |
| 1988-86 | L4-2.5 | Upstream | Turbo | 25516 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|---------------|---|--------------------------------------|-------|
| PORSCHE (Cont'd) | | | | | |
| 944 (Cont'd) | | | | | |
| 1988-86 | L4-2.5 | Upstream | Calif. Non-Turbo | 25507 | |
| | | | Federal; Non-Turbo | 25509 | |
| 1985-83 | L4-2.5 | Upstream | Calif. | 25507 | |
| | | | Federal | 25503 | |
| 968 | | | | | |
| 1995-92 | L4-3.0 | Upstream | | 25509 | |
| Boxster | | | | | |
| 2017 | H4-2.0 | Upstream | LH | 27049 | |
| | | | RH | 27060 | |
| | | Downstream | | 25761 | |
| | H4-2.5 | Upstream | LH | 27049 | |
| | | | RH | 27060 | |
| | | Downstream | | 25761 | |
| 2016 | H6-2.7 | Upstream | LH | 24324 | |
| | | | RH | 24324 | |
| | | Downstream | LH | 25714 | |
| | | | RH | 25714 | |
| | | H6-3.4 | Upstream | LH | 24324 |
| | | | | RH | 24324 |
| | Downstream | | LH | 25714 | |
| | H6-3.8 | Upstream | LH | 24324 | |
| | | | RH | 24324 | |
| | | Downstream | LH | 25714 | |
| | 2015-13 | H6-2.7 | Upstream | LH | 24324 |
| | | | | RH | 24324 |
| Downstream | | | LH | 25714 | |
| H6-3.4 | | Upstream | LH | 24324 | |
| | | | RH | 24324 | |
| | | Downstream | LH | 25714 | |
| 2012-09 | H6-2.9 | Upstream | LH | 24339 | |
| | | | RH | 24339 | |
| | | Downstream | LH | 25659 | |
| | H6-3.4 | Upstream | LH | 24339 | |
| | | | RH | 24339 | |
| | | Downstream | LH | 25659 | |
| 2008-05 | All Engs | Upstream | LH | 24319 | |
| | | | RH | 24319 | |
| | | Downstream | LH | 25659 | |
| | 2004-03 | All Engs | Upstream | Loc. Before LH Primary (Mnflid) Cat. | 25727 |
| | | | | Loc. Before RH Primary (Mnflid) Cat. | 25727 |
| | | | Downstream | Loc. After LH Primary (Mnflid) Cat. | 25727 |
| Loc. After RH Primary (Mnflid) Cat. | 25727 | | | | |
| Loc. Before LH Scndary (Exhaust Pipe) Cat. | 25654 | | | | |
| Loc. Before RH Scndary (Exhaust Pipe) Cat. | 25654 | | | | |
| 2004-03 | All Engs | Downstream | Loc. After LH Scndary (Exhaust Pipe) Cat. | 25654 | |
| | | | Loc. After RH Scndary (Exhaust Pipe) Cat. | 25654 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|----------------------------|------------|----------------------|---|---|----------|------------------|
| PORSCHE (Cont'd) | | | | | | |
| Boxster (Cont'd) | | | | | | |
| 2002-00 | All Eng | Upstream | Loc. Before LH Primary (Mnfl'd) Cat. | 25652 | | |
| | | | Loc. Before RH Primary (Mnfl'd) Cat. | 25652 | | |
| | | Downstream | Loc. After LH Primary (Mnfl'd) Cat. | 25652 | | |
| | | | Loc. After RH Primary (Mnfl'd) Cat. | 25652 | | |
| | | | Loc. Before LH Scndary (Exhaust Pipe) Cat. | 25601 | | |
| | | | Loc. Before RH Scndary (Exhaust Pipe) Cat. | 25601 | | |
| | | | Loc. After LH Scndary (Exhaust Pipe) Cat. | 25601 | | |
| | | | Loc. After RH Scndary (Exhaust Pipe) Cat. | 25601 | | |
| | | | 1999-97 | H6-2.5 | Upstream | LH |
| | | | RH | 25601 | | |
| | | Downstream | LH | 25601 | | |
| | | | RH | 25601 | | |
| Carrera, Carrera GT | | | | | | |
| 2005-04 | V10-5.7 | Upstream | LH | 25701 | | |
| | | | RH | 25701 | | |
| | | Downstream | LH | 25701 | | |
| | | | RH | 25701 | | |
| Cayenne | | | | | | |
| 2017 | V6-3.0 | Upstream | LH Hybrid | 24349 | | |
| | | | RH Hybrid | 24348 | | |
| | | Downstream | LH Hybrid | 25688 | | |
| | | | RH Hybrid | 25657 | | |
| | | V6-3.6 | Upstream | Cyls. 1-3; Turbo | 24324 | |
| | | | | Cyls. 1-3; Non-Turbo | 24326 | |
| | | | | Cyls. 4-6; Turbo | 24326 | |
| | | | | Cyls. 4-6; Non-Turbo | 24334 | |
| | Downstream | Cyls. 1-3; Turbo | 25659 | | | |
| | | Cyls. 1-3; Non-Turbo | 25729 | | | |
| | | Cyls. 4-6; Turbo | 25659 | | | |
| | | Cyls. 4-6; Non-Turbo | 25682 | | | |
| | V8-4.8 | Upstream | LH Turbo | 24326 | | |
| | | | RH Turbo | 24326 | | |
| | | Downstream | LH Turbo | 25738 | | |
| | | | RH Turbo | 25738 | | |
| | 2016-15 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Req'd Only); Euro Version | 24348 | |
| | | | | N.A. Version; w/ 2 O2s; Diesel | 24348 | |
| | | | | LH Hybrid | 24349 | |
| | | | Downstream | RH Hybrid | 24348 | |
| | | | | LH Hybrid | 25688 | |
| | | | Downstream | RH Hybrid | 25657 | |
| | | | | V6-3.6 | Upstream | Cyls. 1-3; Turbo |
| | | | Cyls. 1-3; Non-Turbo | | | 24326 |
| Cyls. 4-6; Turbo | | 24326 | | | | |
| Cyls. 4-6; Non-Turbo | | 24334 | | | | |
| Downstream | | Cyls. 1-3; Turbo | 25659 | | | |
| | | Cyls. 1-3; Non-Turbo | 25729 | | | |
| | | Cyls. 4-6; Turbo | 25659 | | | |
| | | Cyls. 4-6; Non-Turbo | 25682 | | | |
| V8-4.8 | | Upstream | LH Turbo | 24326 | | |
| | | | RH Turbo | 24326 | | |
| | Downstream | LH Turbo | 25738 | | | |
| | | RH Turbo | 25738 | | | |
| 2014-13 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Req'd Only); Euro Version | 24348 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-------------------------|------------|---------------|--------------------------------|----------|-----------|-------|
| PORSCHE (Cont'd) | | | | | | |
| Cayenne (Cont'd) | | | | | | |
| 2014-13 | V6-3.0 | Upstream | N.A. Version; w/ 2 O2s; Diesel | 24348 | | |
| | | | LH Hybrid | 24349 | | |
| | | | RH Hybrid | 24348 | | |
| | | Downstream | LH Hybrid | 25688 | | |
| | | | RH Hybrid | 25657 | | |
| | | | V6-3.6 | Upstream | Cyls. 1-3 | 24326 |
| | | Cyls. 4-6 | | | 24334 | |
| | | Downstream | Cyls. 1-3 | 25729 | | |
| | Cyls. 4-6 | | 25682 | | | |
| | V8-4.8 | Upstream | LH Turbo | 24326 | | |
| | | | Non-Turbo | 24339 | | |
| | | | RH Turbo | 24326 | | |
| | | Downstream | Non-Turbo | 24339 | | |
| | | | LH | 25738 | | |
| RH | | | 25738 | | | |
| 2012-11 | V6-3.0 | Upstream | LH | 24349 | | |
| | | | RH | 24348 | | |
| | | Downstream | LH | 25688 | | |
| | | | RH | 25657 | | |
| | V6-3.6 | Upstream | Cyls. 1-3 | 24326 | | |
| | | | Cyls. 4-6 | 24334 | | |
| | | Downstream | Cyls. 1-3 | 25729 | | |
| | | | Cyls. 4-6 | 25682 | | |
| V8-4.8 | Upstream | LH Turbo | 24326 | | | |
| | | Non-Turbo | 24339 | | | |
| | Downstream | RH Turbo | 24326 | | | |
| | | Non-Turbo | 24339 | | | |
| 2010-08 | V6-3.6 | Upstream | LH | 24334 | | |
| | | | RH | 24325 | | |
| | | Downstream | LH | 25656 | | |
| | | | RH | 25675 | | |
| | V8-4.8 | Upstream | LH Turbo | 24326 | | |
| | | | Non-Turbo | 24339 | | |
| | | Downstream | RH Turbo | 24326 | | |
| | | | Non-Turbo | 24339 | | |
| 2006-04 | V6-3.2 | Upstream | LH | 24314 | | |
| | | | RH | 24321 | | |
| | | Downstream | LH | 25605 | | |
| | | | RH | 25605 | | |
| | V8-4.5 | Upstream | LH Turbo | 24321 | | |
| | | | Non-Turbo | 24318 | | |
| | | Downstream | RH Turbo | 24321 | | |
| | | | Non-Turbo | 24317 | | |
| 2003 | V8-4.5 | Upstream | LH Turbo | 24321 | | |
| | | | Non-Turbo | 24318 | | |
| | | Downstream | RH Turbo | 24321 | | |
| | | | Non-Turbo | 24317 | | |
| | Downstream | LH | 25605 | | | |
| | | RH | 25605 | | | |
| | | 2016 | H6-2.7 | Upstream | LH | 24324 |
| | | RH | | | 24324 | |
| Downstream | LH | 25714 | | | | |
| Cayman | | | | | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|--------------|---------------|---------------|--------|-------|
| PORSCHE (Cont'd) | | | | | |
| Cayman (Cont'd) | | | | | |
| 2016 | H6-2.7 | Downstream | RH | 25714 | |
| | | | LH | 24324 | |
| | | Upstream | RH | 24324 | |
| | | | LH | 25714 | |
| | H6-3.4 | Downstream | RH | 25714 | |
| | | | LH | 24324 | |
| | | Upstream | LH | 24324 | |
| | | | RH | 24324 | |
| | 2015-14 | H6-2.7 | Upstream | LH | 24324 |
| | | | | RH | 24324 |
| | | | Downstream | LH | 25714 |
| | | RH | | 25714 | |
| LH | | 25714 | | | |
| 2012-09 | | H6-2.9 | Upstream | LH | 24339 |
| | RH | | | 24339 | |
| | Downstream | | LH | 25659 | |
| | | RH | 25659 | | |
| | | LH | 25659 | | |
| | 2008-07 | H6-2.7 | Upstream | LH | 24319 |
| RH | | | | 24319 | |
| Downstream | | | LH | 25659 | |
| | | RH | 25659 | | |
| | | LH | 25659 | | |
| 2006 | | H6-3.4 | Upstream | LH | 24319 |
| | RH | | | 24319 | |
| | Downstream | | LH | 25659 | |
| | | RH | 25659 | | |
| | | LH | 25659 | | |
| | Macan | | | | |
| 2017 | L4-2.0 | Upstream | | 27052 | |
| | | Downstream | | 25764 | |
| | V6-3.0 | Upstream | LH | 27058 | |
| | | | RH | 24324 | |
| | | Downstream | LH | 25761 | |
| | | | RH | 25653 | |
| | V6-3.6 | Upstream | LH | 27058 | |
| | | | RH | 24324 | |
| | | Downstream | LH | 25761 | |
| | | | RH | 25653 | |
| | 2016-15 | V6-3.0 | Upstream | LH | 27058 |
| | | | | RH | 24324 |
| Downstream | | | LH | 25761 | |
| | | RH | 25653 | | |
| | | V6-3.6 | Upstream | LH | 27058 |
| RH | | | | 24324 | |
| Downstream | LH | | 25761 | | |
| | RH | 25653 | | | |
| Panamera | | | | | |
| 2016-14 | V6-3.0 | Upstream | LH | 24349 | |
| | | | RH | 24328 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|---------|---------------|---------------|---|-------|
| PORSCHE (Cont'd) | | | | | |
| Panamera (Cont'd) | | | | | |
| 2016-14 | V6-3.0 | Upstream | RH | Supercharged | 24348 |
| | | | LH | Turbo | 24339 |
| | | Downstream | LH | Supercharged | 25714 |
| | | | RH | Turbo | 25722 |
| | | | LH | Supercharged | 25714 |
| | | | RH | Turbo | 25760 |
| | V6-3.6 | Upstream | LH | | 24328 |
| | | | RH | | 24361 |
| | | Downstream | LH | | 25722 |
| | | | RH | A/T | 25714 |
| | V8-4.8 | Upstream | LH | | 24328 |
| | | | RH | | 24361 |
| | | Downstream | LH | | 25722 |
| | | | RH | 6 Sp. M/T; European Spec. Vehicles; Non-Turbo | 25737 |
| | | | LH | Non-Turbo; A/T Dual Clutch | 25714 |
| | | | RH | Turbo | 25714 |
| | 2013-12 | V6-3.0 | Upstream | LH | 24349 |
| | | | | RH | 24348 |
| Downstream | | | LH | 25714 | |
| | | | RH | 25714 | |
| V6-3.6 | | Upstream | LH | 24328 | |
| | | | RH | 24361 | |
| | | Downstream | LH | 25722 | |
| | | | RH | A/T | 25714 |
| V8-4.8 | | Upstream | LH | 24328 | |
| | | | RH | 24361 | |
| | | Downstream | LH | 25722 | |
| | | | RH | 6 Sp. M/T; European Spec. Vehicles; Non-Turbo | 25737 |
| 2011 | V6-3.6 | Upstream | LH | 24328 | |
| | | | RH | 24361 | |
| | | Downstream | LH | 25722 | |
| | | | RH | A/T | 25714 |
| | V8-4.8 | Upstream | LH | 24328 | |
| | | | RH | 24361 | |
| | | Downstream | LH | 25722 | |
| | | | RH | 6 Sp. M/T; European Spec. Vehicles; Non-Turbo | 25737 |
| | 2010 | V8-4.8 | Upstream | LH | 24328 |
| | | | | RH | 24361 |
| | | Downstream | LH | 25722 | |
| | | | RH | 6 Sp. M/T; European Spec. Vehicles; Non-Turbo | 25737 |
| 2010 | V8-4.8 | Upstream | LH | 24328 | |
| | | | RH | 24361 | |
| | | Downstream | LH | 25722 | |
| | | | RH | 6 Sp. M/T; European Spec. Vehicles; Non-Turbo | 25737 |
| 2010 | V8-4.8 | Upstream | LH | 24328 | |
| | | | RH | 24361 | |
| | | Downstream | LH | 25722 | |
| | | | RH | 6 Sp. M/T; European Spec. Vehicles; Non-Turbo | 25737 |
| 2010 | V8-4.8 | Upstream | LH | 24328 | |
| | | | RH | 24361 | |
| | | Downstream | LH | 25722 | |
| | | | RH | 6 Sp. M/T; European Spec. Vehicles; Non-Turbo | 25737 |
| 2010 | V8-4.8 | Upstream | LH | 24328 | |
| | | | RH | 24361 | |
| | | Downstream | LH | 25722 | |
| | | | RH | 6 Sp. M/T; European Spec. Vehicles; Non-Turbo | 25737 |
| 2010 | V8-4.8 | Upstream | LH | 24328 | |
| | | | RH | 24361 | |
| | | Downstream | LH | 25722 | |
| | | | RH | 6 Sp. M/T; European Spec. Vehicles; Non-Turbo | 25737 |
| 2010 | V8-4.8 | Upstream | LH | 24328 | |
| | | | RH | 24361 | |
| | | Downstream | LH | 25722 | |
| | | | RH | 6 Sp. M/T; European Spec. Vehicles; Non-Turbo | 25737 |
| 2010 | V8-4.8 | Upstream | LH | 24328 | |
| | | | RH | 24361 | |
| | | Downstream | LH | 25722 | |
| | | | RH | 6 Sp. M/T; European Spec. Vehicles; Non-Turbo | 25737 |
| 2010 | V8-4.8 | Upstream | LH | 24328 | |
| | | | RH | 24361 | |
| | | Downstream | LH | 25722 | |
| | | | RH | 6 Sp. M/T; European Spec. Vehicles; Non-Turbo | 25737 |
| 2010 | V8-4.8 | Upstream | LH | 24328 | |
| | | | RH | 24361 | |
| | | Downstream | LH | 25722 | |
| | | | RH | 6 Sp. M/T; European Spec. Vehicles; Non-Turbo | 25737 |
| RAM | | | | | |
| Caravan, Grand Caravan, Cargo Van, Mini Ram | | | | | |
| 2015-12 | V6-3.6 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23161 | |
| Dakota | | | | | |
| 2011 | V6-3.7 | Upstream | LH | 23159 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|-------------------|---------------|--|-----------------------------|-------|
| RAM (Cont'd) | | | | | |
| Dakota (Cont'd) | | | | | |
| 2011 | V6-3.7 | Upstream | RH | 23158 | |
| | | Downstream | LH | 23158 | |
| | | | RH | 23158 | |
| | V8-4.7 | Upstream | LH | 23159 | |
| | | Downstream | LH | 23158 | |
| | | | RH | 23158 | |
| Promaster Van (1500, 2500, 3500, City) | | | | | |
| 2018-15 | L4-2.4 | Upstream | | 27009 | |
| | | Downstream | | 23162 | |
| | L4-3.0 | Upstream | Diesel (w/ 1 Upstream O2 Only); w/o 220 Amp Alternator | | 27045 |
| | | V6-3.6 | Upstream | LH | 23162 |
| | Downstream | | RH | 23162 | |
| | | | LH | 23162 | |
| RH | 23162 | | | | |
| 2014 | L4-3.0 | Upstream | Diesel (w/ 1 Upstream O2 Only); w/o 220 Amp Alternator | | |
| | | V6-3.6 | Upstream | LH | 23162 |
| | Downstream | | RH | 23162 | |
| | | | LH | 23162 | |
| | RH | | 23162 | | |
| | Ram Pickup | | | | |
| 2018-16 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | | |
| | | V6-3.6 | Upstream | LH | 23162 |
| | Downstream | | RH | 23162 | |
| | | | LH | 23162 | |
| | RH | | 23162 | | |
| | V8-5.7 | Upstream | LH | 1500; 6-Speed A/T | 23161 |
| | | | | 1500; 8-Speed A/T | 23165 |
| | | | | 2500, 3500 | 23162 |
| | | | RH | 1500; 6-Speed A/T | 23161 |
| | | | | 1500; 8-Speed A/T | 23162 |
| | | | | 2500, 3500 | 23161 |
| | | Downstream | LH | 1500 | 23161 |
| | | | | 2500, 3500 | 23165 |
| | | | RH | 1500; 6-Speed A/T | 23165 |
| | | | | 1500; 8-Speed A/T | 23161 |
| | 2500, 3500 | 23162 | | | |
| | 2015 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | |
| | | | V6-3.6 | Upstream | LH |
| Downstream | | RH | | 23162 | |
| | | LH | | 23162 | |
| RH | | 23162 | | | |
| V8-5.7 | | Upstream | LH | 1500; 6-Speed A/T | 23161 |
| | | | | 1500; 8-Speed A/T | 23165 |
| | | | | 2500 | 23162 |
| | | | RH | 3500; Chassis Cab | 23161 |
| | | | | 3500; Pickup | 23162 |
| | | | | 1500; 6-Speed A/T | 23161 |
| | | Downstream | LH | 1500; 8-Speed A/T | 23162 |
| | | | | 2500, 3500 | 23161 |
| | | | RH | 1500 | 23161 |
| | | | | 2500, 3500 | 23165 |
| 1500; 6-Speed A/T | | 23165 | | | |
| 1500; 8-Speed A/T | | 23161 | | | |
| 2500, 3500 | | 23162 | | | |
| 2014 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | | |
| | | V6-3.6 | Upstream | LH | 23162 |
| | Downstream | | RH | 23162 | |
| | | | LH | 23162 | |
| RH | 23162 | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|------------|---------------|---|---|-------|
| RAM (Cont'd) | | | | | |
| Ram Pickup (Cont'd) | | | | | |
| 2014 | V6-3.6 | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| | V8-5.7 | Upstream | LH | 1500; 6-Speed A/T | 23161 |
| | | | | 1500; 8-Speed A/T | 23165 |
| | | | | 2500, 3500 | 23161 |
| | | | RH | 1500; 6-Speed A/T | 23161 |
| | | | | 1500; 8-Speed A/T | 23162 |
| | | Downstream | LH | 1500 | 23161 |
| | | | | 2500, 3500 | 23165 |
| | | | RH | 1500; 6-Speed A/T | 23165 |
| | | | | 1500; 8-Speed A/T | 23161 |
| | | | | 2500, 3500 | 23162 |
| | V8-6.4 | Upstream | LH | 2500 | 23161 |
| | | | | 3500; Pickup (ESA Eng) | 23161 |
| | | | | 3500; Chassis Cab (ESB Eng); 66RFE Trans. | 23161 |
| | | | | 3500; Chassis Cab (ESB Eng); AS66RC Aisin HD Trans. | 23162 |
| | | | | 4500, 5500 | 23162 |
| | | | RH | 2500 | 23161 |
| | | | | 3500; Pickup (ESA Eng) | 23161 |
| | | | | 3500; Chassis Cab (ESB Eng); 66RFE Trans. | 23161 |
| | | | | 3500; Chassis Cab (ESB Eng); AS66RC Aisin HD Trans. | 23162 |
| | | | | 4500, 5500 | 23162 |
| | | Downstream | LH | 2500 | 23165 |
| | | | | 3500; Pickup (ESA Eng) | 23165 |
| | | | | 3500; Chassis Cab (ESB Eng); 66RFE Trans. | 23162 |
| | | | | 3500; Chassis Cab (ESB Eng); AS66RC Aisin HD Trans. | 23161 |
| | | | | 4500, 5500 | 23161 |
| | RH | | 2500 | 23162 | |
| | | | 3500; Pickup (ESA Eng) | 23162 | |
| | | | 3500; Chassis Cab (ESB Eng); 66RFE Trans; RWD | 23165 | |
| 3500; Chassis Cab (ESB Eng); 66RFE Trans; 4WD | | | 23161 | | |
| 3500; Chassis Cab (ESB Eng); AS66RC Aisin HD Trans. | | | 23154 | | |
| 4500, 5500 | 23154 | | | | |
| 4500, 5500 | 23154 | | | | |
| 2013 | V6-3.6 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | | | LH | 23162 |
| | | | RH | 23162 | |
| | V8-4.7 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | | | LH | 23159 |
| | | | RH | 23159 | |
| V8-5.7 | Upstream | LH | 1500; 6-Speed A/T | 23161 | |
| | | | 1500; 8-Speed A/T | 23165 | |
| | | | 2500, 3500 | 23161 | |
| | | RH | 1500; 6-Speed A/T | 23161 | |
| | | | 1500; 8-Speed A/T | 23162 | |
| | | | 2500, 3500 | 23161 | |
| | Downstream | LH | 1500 | 23161 | |
| | | | 2500, 3500 | 23165 | |
| | | | 1500; 6-Speed A/T | 23165 | |
| | | RH | 1500; 8-Speed A/T | 23161 | |
| | | | 1500; 8-Speed A/T | 23161 | |
| | | | 2500, 3500 | 23161 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|----------------------------|---------|---------------|---|----------|
| RAM (Cont'd) | | | | |
| Ram Pickup (Cont'd) | | | | |
| 2012 | L6-6.7 | Upstream | w/ 2 O2s; Diesel | 24325 |
| | | | w/ 2 O2s; Crew Cab Pickup; Diesel | 24325 |
| | | | w/ 2 O2s; Ext'd Crew Cab Pickup; Diesel | 24325 |
| | | | w/ 2 O2s; Std. Cab Pickup; Diesel | 24325 |
| | | | | |
| | | Downstream | w/ 2 O2s; Diesel | 24325 |
| | | | w/ 2 O2s; Crew Cab Pickup; Diesel | 24325 |
| | | | w/ 2 O2s; Ext'd Crew Cab Pickup; Diesel | 24325 |
| | | | w/ 2 O2s; Std. Cab Pickup; Diesel | 24325 |
| | | | | |
| | V6-3.7 | Upstream | LH | 23159 |
| | | | RH | 23159 |
| | | Downstream | LH | 23159 |
| | | | RH | 23159 |
| | V8-4.7 | Upstream | LH | 23159 |
| | | | RH | 23159 |
| | | Downstream | LH | 23159 |
| | | | RH | 23159 |
| | V8-5.7 | Upstream | LH | 23161 |
| | | | RH | 23161 |
| Downstream | | LH | 23161 | |
| | | | 23165 | |
| 2011 | L6-6.7 | Upstream | w/ 2 O2s; Diesel | 24325 |
| | | | w/ 2 O2s; Crew Cab Pickup; Diesel | 24325 |
| | | | w/ 2 O2s; Ext'd Crew Cab Pickup; Diesel | 24325 |
| | | | w/ 2 O2s; Std. Cab Pickup; Diesel | 24325 |
| | | | | |
| | | Downstream | w/ 2 O2s; Diesel | 24325 |
| | | | w/ 2 O2s; Crew Cab Pickup; Diesel | 24325 |
| | | | w/ 2 O2s; Ext'd Crew Cab Pickup; Diesel | 24325 |
| | | | w/ 2 O2s; Std. Cab Pickup; Diesel | 24325 |
| | | | | |
| | V6-3.7 | Upstream | LH | 23159 |
| | | | RH | 23159 |
| | | Downstream | LH | 23159 |
| | | | RH | 23159 |
| | V8-4.7 | Upstream | LH | 23159 |
| | | | RH | 23159 |
| | | Downstream | LH | 23159 |
| | | | RH | 23159 |
| | V8-5.7 | Upstream | LH | 1500 4WD |
| | | | | 1500 RWD |
| | | | 2500, 3500 | |
| | | | | |
| Downstream | | RH | 1500 | |
| | | | 2500, 3500 | |
| | | LH | 1500 | |
| | | | 2500, 3500 | |
| RENAULT | | | | |
| Alliance | | | | |
| 1987 | All Eng | Upstream | 1-Wire (w/Ford Plug) | 22534 |
| | | | 1-Wire (w/GM Plug) | 21002 |
| | | | 3-Wire | 23553 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|---------|---------------|---------------|--------|
| RENAULT (Cont'd) | | | | |
| Alliance (Cont'd) | | | | |
| 1986-85 | All Eng | Upstream | w/Ford Plug | 22534 |
| | | | w/GM Plug | 21002 |
| 1984-83 | L4-1.4 | Upstream | Male Plug | 22534 |
| | | | Female Plug | 23044 |
| Encore | | | | |
| 1986 | All Eng | Upstream | w/Ford Plug | 22534 |
| | | | w/GM Plug | 21002 |
| 1985 | L4-1.4 | Upstream | VIN D | 22534 |
| | | | | 22534 |
| 1984 | L4-1.4 | Upstream | Male Plug | 22534 |
| | | | Female Plug | 23044 |
| Fuego | | | | |
| 1985-82 | All Eng | Upstream | | 23044 |
| LeCar | | | | |
| 1983-80 | L4-1.4 | Upstream | | 23044 |
| R Series (R5, 8, 10, 12, 15, 16, 17, 18 & 18i) | | | | |
| 1986-81 | All Eng | Upstream | | 23044 |
| ROLLS-ROYCE | | | | |
| Corniche Series | | | | |
| 1994 | V8-6.8 | Upstream | | 25537 |
| 1991 | V8-6.8 | Upstream | 1/91 On | 25650 |
| Ghost | | | | |
| 2011-10 | V12-6.6 | Upstream | LH | 24365 |
| | | | RH | 24365 |
| | | Downstream | LH | 25676 |
| | | | RH | 25676 |
| Phantom | | | | |
| 2011-08 | V12-6.7 | Upstream | LH | 24331 |
| | | | RH | 24331 |
| | | Downstream | LH | 25612 |
| | | | RH | 25612 |
| 2007 | V12-6.7 | Upstream | LH From 9/06 | 24331 |
| | | | RH From 9/06 | 24331 |
| | | Downstream | LH To 9/06 | 25627 |
| | | | RH To 9/06 | 25627 |
| 2006-04 | V12-6.7 | Downstream | LH From 9/06 | 25612 |
| | | | RH From 9/06 | 25612 |
| Silver Spirit | | | | |
| 1995-94 | V8-6.8 | Upstream | | 25537 |
| 1993 | V8-6.8 | Upstream | 4/93 On | 25537 |
| 1991 | V8-6.8 | Upstream | 1/91 On | 25650 |
| Silver Spur | | | | |
| 1995-94 | V8-6.8 | Upstream | | 25537 |
| 1993 | V8-6.8 | Upstream | 4/93 On | 25537 |
| SAAB | | | | |
| 9-2X | | | | |
| 2006 | H4-2.5 | Upstream | Turbo | 24821 |
| | | | Non-Turbo | 24696 |
| | | Downstream | | 24642 |
| | | | | |
| 2005 | H4-2.0 | Upstream | | 24659 |
| | | | | 24642 |
| | H4-2.5 | Upstream | | 24825 |
| | | | | 24642 |
| 9-3, 9-3X | | | | |
| 2011-10 | L4-2.0 | Upstream | | 25701 |
| | | | Downstream | 21531 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------|------------|---------------|----------------------|--------|-------|
| SAAB (Cont'd) | | | | | |
| 9-3, 9-3X (Cont'd) | | | | | |
| 2009-06 | L4-2.0 | Upstream | | 25701 | |
| | | Downstream | | 21531 | |
| | V6-2.8 | Upstream | | 24326 | |
| | | Downstream | | 25727 | |
| 2005-04 | L4-2.0 | Upstream | | 25701 | |
| | | Downstream | | 21531 | |
| 2003 | L4-2.0 | Upstream | Sedan | 25146 | |
| | | | Convertible | 25592 | |
| | Downstream | Sedan | 25147 | | |
| | | Convertible | 21531 | | |
| 2002-00 | L4-2.0 | Upstream | | 25592 | |
| | | Downstream | | 21531 | |
| | L4-2.3 | Upstream | | 25592 | |
| | | Downstream | | 21531 | |
| 1999 | L4-2.0 | Upstream | To Chassis #020000 | 25582 | |
| | | | From Chassis #020001 | 25581 | |
| | | Downstream | | 25581 | |
| | L4-2.3 | Upstream | To Chassis #020000 | 25582 | |
| | | | From Chassis #020001 | 25581 | |
| | | Downstream | | 25581 | |
| 9-4X | | | | | |
| 2011 | V6-2.8 | Upstream | | 25727 | |
| | | Downstream | | 25727 | |
| | V6-3.0 | Upstream | LH | 21556 | |
| | | | RH | 21556 | |
| | Downstream | LH | 21556 | | |
| | | RH | 21556 | | |
| 9-5 | | | | | |
| 2011 | L4-2.0 | Upstream | | 21555 | |
| | | Downstream | | 21067 | |
| | V6-2.8 | Upstream | | 25727 | |
| | | Downstream | | 25653 | |
| 2010 | V6-2.8 | Upstream | | 25592 | |
| | | Downstream | | 21531 | |
| 2009-04 | L4-2.3 | Upstream | | 25592 | |
| | | Downstream | | 21531 | |
| 2003-00 | L4-2.3 | Upstream | | 25592 | |
| | | Downstream | | 21531 | |
| | V6-3.0 | Upstream | LH | 25592 | |
| | | | RH | 25592 | |
| | Downstream | | 25593 | | |
| 1999 | L4-2.3 | Upstream | | 25581 | |
| | | Downstream | | 25581 | |
| | V6-3.0 | Upstream | LH | 25581 | |
| | | | RH | 25581 | |
| Downstream | | 25554 | | | |
| 9-7X | | | | | |
| 2009-08 | L6-4.2 | Upstream | | 21561 | |
| | | Downstream | | 21058 | |
| | V8-5.3 | Upstream | LH | 21558 | |
| | | | RH | 21558 | |
| | | Downstream | LH | 21060 | |
| | | | RH | 21059 | |
| | V8-6.0 | Upstream | LH | 21558 | |
| | | | RH | 21558 | |
| | | Downstream | LH | 21060 | |
| | | | RH | 21059 | |
| | 2007 | L6-4.2 | Upstream | | 21561 |
| | | | Downstream | | 21058 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-----------------------------------|-----------------------------|---------------|---------------|-----------------------------|-------|
| SAAB (Cont'd) | | | | | |
| 9-7X (Cont'd) | | | | | |
| 2007 | V8-5.3 | Upstream | LH | 21558 | |
| | | | RH | 21558 | |
| | | Downstream | LH | 21576 | |
| | | | RH | 21576 | |
| 2006 | L6-4.2 | Upstream | | 21561 | |
| | | Downstream | | 21023 | |
| | V8-5.3 | Upstream | LH | 21558 | |
| | | | RH | 21558 | |
| | | Downstream | LH | 1st Design; Square Plug | 21545 |
| | | | | 2nd Design; Triangular Plug | 21576 |
| RH | 1st Design; Square Plug | 21545 | | | |
| | 2nd Design; Triangular Plug | 21576 | | | |
| 2005 | L6-4.2 | Upstream | | 21054 | |
| | | Downstream | | 21044 | |
| | V8-5.3 | Upstream | LH | 21546 | |
| | | | RH | 21546 | |
| Downstream | LH | 21048 | | | |
| | RH | 21048 | | | |
| 92, 93, 95, 96, 99, Sonett | | | | | |
| 1980-77 | L4-2.0 | Upstream | | 23044 | |
| 900 | | | | | |
| 1998 | L4-2.0 | Upstream | | 25582 | |
| | | Downstream | | 25581 | |
| | L4-2.3 | Upstream | | 25582 | |
| | | Downstream | | 25581 | |
| 1997-96 | L4-2.0 | Upstream | | 25582 | |
| | | Downstream | | 25581 | |
| | L4-2.3 | Upstream | | 25582 | |
| | | Downstream | | 25581 | |
| | V6-2.5 | Upstream | LH | 25633 | |
| | | | RH | 25633 | |
| Downstream | LH | 25538 | | | |
| | RH | 25538 | | | |
| 1995 | L4-2.0 | Upstream | | 25632 | |
| | L4-2.3 | Upstream | | 25632 | |
| | V6-2.5 | Upstream | LH | 25521 | |
| | | | RH | 25521 | |
| 1994 | L4-2.0 | Upstream | O2 w/1 Plug | 25632 | |
| | | | O2 w/2 Plugs | 25040 | |
| | L4-2.1 | Upstream | O2 w/1 Plug | 25632 | |
| | | | O2 w/2 Plugs | 25040 | |
| | L4-2.3 | Upstream | O2 w/1 Plug | 25632 | |
| | | | O2 w/2 Plugs | 25040 | |
| V6-2.5 | Upstream | LH | 25521 | | |
| | | RH | 25521 | | |
| 1993-91 | L4-2.0 | Upstream | | 25040 | |
| | L4-2.1 | Upstream | | 25040 | |
| 1990-89 | L4-2.0 | Upstream | | 25040 | |
| 1988 | L4-2.0 | Upstream | 8V Eng | 25034 | |
| | | | 16V Eng | 25040 | |
| 1987-86 | L4-2.0 | Upstream | 8V Eng | 25031 | |
| | | | 16V Eng | 25040 | |
| 1985-79 | L4-2.0 | Upstream | | 23044 | |
| 9000 | | | | | |
| 1998 | L4-2.3 | Upstream | | 25582 | |
| | | Downstream | | 25633 | |
| 1997-96 | L4-2.3 | Upstream | | 25582 | |
| | | Downstream | | 25633 | |
| V6-3.0 | Upstream | LH | | 25633 | |
| | | | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|----------------------|------------|---------------|---------------|--------|
| SAAB (Cont'd) | | | | |
| 9000 (Cont'd) | | | | |
| 1997-96 | V6-3.0 | Upstream | RH | 25633 |
| | | Downstream | | 25554 |
| 1995 | L4-2.3 | Upstream | | 25632 |
| | | V6-3.0 | Upstream | LH |
| | | | | RH |
| 1994 | L4-2.3 | Upstream | Turbo | 25632 |
| | | | Non-Turbo | 25636 |
| 1993 | L4-2.3 | Upstream | Turbo | 25523 |
| | | | Non-Turbo | 25637 |
| 1992 | L4-2.3 | Upstream | | 25523 |
| 1991 | L4-2.3 | Upstream | | 25040 |
| 1990 | L4-2.0 | Upstream | | 25040 |
| | L4-2.3 | Upstream | | 25040 |
| 1989-87 | L4-2.0 | Upstream | Turbo | 25040 |
| | | | Non-Turbo | 25034 |
| 1986 | L4-2.0 | Upstream | | 25040 |
| SATURN | | | | |
| Astra | | | | |
| 2009-08 | L4-1.8 | Upstream | | 25193 |
| | | Downstream | | 25193 |
| Aura | | | | |
| 2010 | L4-2.4 | Upstream | | 21555 |
| | | Downstream | | 21064 |
| 2009 | L4-2.4 | Upstream | Gas | 21555 |
| | | | Hybrid | 21558 |
| | Downstream | | 21064 | |
| | | V6-3.6 | Upstream | LH |
| | RH | | 21546 | |
| Downstream | LH | 21568 | | |
| | RH | 21566 | | |
| 2008 | L4-2.4 | Upstream | | 21558 |
| | | Downstream | | 21064 |
| | V6-3.5 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | Downstream | LH | 21568 | |
| | | RH | 21568 | |
| | V6-3.6 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| Downstream | | LH | 21568 | |
| | | RH | 21566 | |
| 2007 | L4-2.4 | Upstream | | 21558 |
| | | Downstream | | 21064 |
| | V6-3.5 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | Downstream | LH | 21514 | |
| | | RH | 21048 | |
| | V6-3.6 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| Downstream | | LH | 21514 | |
| | | RH | 21548 | |
| Ion | | | | |
| 2007-06 | L4-2.0 | Upstream | | 21045 |
| | | Downstream | | 21043 |
| | L4-2.2 | Upstream | | 21546 |
| | | Downstream | | 21043 |
| | L4-2.4 | Upstream | | 21546 |
| | | Downstream | | 21043 |
| 2005 | L4-2.0 | Upstream | | 21045 |
| | | Downstream | | 21043 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--------------------------|--------|---------------|---------------|--------|
| SATURN (Cont'd) | | | | |
| Ion (Cont'd) | | | | |
| 2005 | L4-2.2 | Upstream | | 21546 |
| | | Downstream | | 21043 |
| 2004 | L4-2.0 | Upstream | | 21045 |
| | | Downstream | | 21041 |
| | L4-2.2 | Upstream | | 21045 |
| | | Downstream | | 21041 |
| 2003 | L4-2.2 | Upstream | | 21045 |
| | | Downstream | | 21041 |
| L, LS, LW Series | | | | |
| 2005 | V6-3.0 | Upstream | LH | 24313 |
| | | | RH | 24313 |
| | | Downstream | LH | 21531 |
| | | | RH | 25592 |
| 2004-02 | L4-2.2 | Upstream | | 21045 |
| | | Downstream | | 21043 |
| | V6-3.0 | Upstream | LH | 24313 |
| | | | RH | 24313 |
| Downstream | LH | 21531 | | |
| | RH | 25592 | | |
| 2001-00 | L4-2.2 | Upstream | | 21040 |
| | | Downstream | | 21530 |
| | V6-3.0 | Upstream | LH | 24313 |
| | | | RH | 24313 |
| Downstream | LH | 21531 | | |
| | RH | 25592 | | |
| Outlook | | | | |
| 2010-09 | V6-3.6 | Upstream | LH | 21556 |
| | | | RH | 21556 |
| | | Downstream | LH | 21556 |
| | | | RH | 21556 |
| 2008-07 | V6-3.6 | Upstream | LH | 21546 |
| | | | RH | 21546 |
| | | Downstream | LH | 21064 |
| | | | RH | 21064 |
| Relay | | | | |
| 2007 | V6-3.9 | Upstream | | 21546 |
| | | Downstream | | 21048 |
| 2006 | V6-3.5 | Upstream | | 21546 |
| | | Downstream | | 21048 |
| | V6-3.9 | Upstream | | 21546 |
| | | Downstream | | 21048 |
| 2005 | V6-3.5 | Upstream | | 21546 |
| | | Downstream | | 21048 |
| SC, SL, SW Series | | | | |
| 2002-00 | L4-1.9 | Upstream | | 21039 |
| | | Downstream | | 21043 |
| 1999-96 | L4-1.9 | Upstream | | 21039 |
| | | Downstream | | 21538 |
| 1995 | L4-1.9 | Upstream | | 21039 |
| 1994 | L4-1.9 | Upstream | SOHC | 21502 |
| | | | Calif; DOHC | 21503 |
| | | | Federal; DOHC | 21502 |
| 1993-91 | L4-1.9 | Upstream | | 21502 |
| Sky | | | | |
| 2010-09 | L4-2.0 | Upstream | | 24325 |
| | | Downstream | | 21564 |
| | L4-2.4 | Upstream | | 21558 |
| | | Downstream | | 21064 |
| 2008 | L4-2.0 | Upstream | | 24325 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|------------|---------------|-----------------------------------|--------|-------|
| SATURN (Cont'd) | | | | | |
| Sky (Cont'd) | | | | | |
| 2008 | L4-2.0 | Downstream | 1st Design; O2 Marked 12590594 | 21562 | |
| | | | 2nd Design; O2 Marked 12616506 | 21564 | |
| | L4-2.4 | Upstream | | 21558 | |
| | | Downstream | | 21064 | |
| 2007 | L4-2.0 | Upstream | | 24325 | |
| | | Downstream | 1st Design; O2 Marked 12590594 | 21562 | |
| | | | 2nd Design; O2 Marked 12616506 | 21564 | |
| | L4-2.4 | Upstream | | 21546 | |
| | | Downstream | | 21035 | |
| Vue | | | | | |
| 2010-08 | L4-2.4 | Upstream | | 21558 | |
| | | Downstream | | 21064 | |
| | V6-3.5 | Upstream | F | | 21546 |
| | | | R | | 21546 |
| | | Downstream | F | | 21568 |
| | | | R | | 21568 |
| | V6-3.6 | Upstream | LH | | 21546 |
| | | | RH | | 21546 |
| | | Downstream | LH | | 21064 |
| | | | RH | | 21064 |
| | 2007 | L4-2.2 | Upstream | | 21546 |
| | | | Downstream | | 21043 |
| L4-2.4 | | Upstream | | 21546 | |
| | | Downstream | | 21043 | |
| V6-3.5 | | Upstream | F | | 24302 |
| | | | R | | 24302 |
| | Downstream | F | | 24259 | |
| | | R | | 24255 | |
| 2006 | L4-2.2 | Upstream | | 21546 | |
| | | Downstream | | 21043 | |
| | V6-3.5 | Upstream | F | | 24302 |
| | | | R | | 24302 |
| | | Downstream | F | | 24259 |
| | | | R | | 24255 |
| 2005-04 | L4-2.2 | Upstream | | 21045 | |
| | | Downstream | | 21041 | |
| | V6-3.5 | Upstream | F | | 24302 |
| | | | R | | 24302 |
| | | Downstream | F | | 24259 |
| | | | R | | 24255 |
| 2003-02 | L4-2.2 | Upstream | | 21045 | |
| | | Downstream | | 21043 | |
| | V6-3.0 | Upstream | LH | | 25727 |
| | | | RH | | 25727 |
| | | Downstream | LH | | 25727 |
| | | | RH | | 25727 |
| SCION | | | | | |
| FR-S | | | | | |
| 2016-13 | H4-2.0 | Upstream | | 24851 | |
| | | Downstream | | 24642 | |
| iA | | | | | |
| 2016 | L4-1.5 | Upstream | | 27067 | |
| | | Downstream | | 24788 | |
| iM | | | | | |
| 2016 | L4-1.8 | Upstream | | 24661 | |
| | | Downstream | | 24677 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------|---------|---------------|---------------|--------|
| SCION (Cont'd) | | | | |
| iQ | | | | |
| 2015-12 | L4-1.3 | Upstream | | 24828 |
| | | Downstream | | 24455 |
| tC | | | | |
| 2016-14 | L4-2.5 | Upstream | | 24851 |
| | | Downstream | | 24073 |
| 2013-11 | L4-2.5 | Upstream | | 24851 |
| | | Downstream | | 24047 |
| 2010-07 | L4-2.4 | Upstream | | 24662 |
| | | Downstream | | 24452 |
| 2006 | L4-2.4 | Upstream | | 24662 |
| | | Downstream | To 5/06 | 24293 |
| | | | From 5/06 | 24452 |
| 2005 | L4-2.4 | Upstream | | 24662 |
| | | Downstream | | 24293 |
| xA | | | | |
| 2006-04 | L4-1.5 | Upstream | | 24411 |
| | | Downstream | | 24294 |
| xB | | | | |
| 2015-11 | L4-2.4 | Upstream | | 24837 |
| | | Downstream | | 24452 |
| 2010-08 | L4-2.4 | Upstream | | 24662 |
| | | Downstream | | 24452 |
| 2006-04 | L4-1.5 | Upstream | | 24411 |
| | | Downstream | | 24294 |
| xD | | | | |
| 2014-10 | L4-1.8 | Upstream | | 24828 |
| | | Downstream | | 24579 |
| 2009-08 | L4-1.8 | Upstream | | 24661 |
| | | Downstream | | 24579 |
| SMART | | | | |
| Fortwo | | | | |
| 2017-16 | L3-0.9 | Upstream | | 24330 |
| | | Downstream | | 25203 |
| 2015-08 | L3-1.0 | Upstream | | 24329 |
| | | Downstream | | 25186 |
| SRT | | | | |
| Viper | | | | |
| 2014-13 | V10-8.4 | Upstream | LH | 23162 |
| | | | RH | 23162 |
| | | Downstream | LH | 23165 |
| | | | RH | 23165 |
| STERLING | | | | |
| 825, 827 Series | | | | |
| 1991-89 | V6-2.7 | Upstream | LH | 24033 |
| | | | RH | 24033 |
| 1988-87 | V6-2.5 | Upstream | LH | 24033 |
| | | | RH | 24033 |
| SUBARU | | | | |
| Ascent | | | | |
| 2019 | H4-2.4 | Upstream | | 27081 |
| | | Downstream | | 24270 |
| Baja | | | | |
| 2006-04 | H4-2.5 | Upstream | Turbo | 24695 |
| | | | Non-Turbo | 24664 |
| | | Downstream | Turbo | 24642 |
| | | | Non-Turbo | 24598 |
| 2003 | H4-2.5 | Upstream | | 24664 |
| | | Downstream | | 24598 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|----------|------------------|--------------------|--------|-------|
| SUBARU (Cont'd) | | | | | |
| Brat | | | | | |
| 1987-81 | H4-1.8 | Upstream | | 23044 | |
| BRZ | | | | | |
| 2018-13 | H4-2.0 | Upstream | | 24851 | |
| | | Downstream | | 24642 | |
| Crosstrek, XV Crosstrek | | | | | |
| 2017-13 | H4-2.0 | Upstream | | 24851 | |
| | | Downstream | | 24651 | |
| Deluxe, DL, GF, GL, RX & Std. Series | | | | | |
| 1989-88 | H4-1.8 | Upstream | Turbo; FI; Calif. | 24101 | |
| | | | Turbo; FI; Federal | 24141 | |
| | | | Non-Turbo; Carb | 23044 | |
| | | | Non-Turbo; FI | 24141 | |
| 1987-81 | All Engs | Upstream | | 23044 | |
| Forester | | | | | |
| 2017-14 | H4-2.0 | Upstream | | 27004 | |
| | | Downstream | | 24478 | |
| | H4-2.5 | Upstream | | 24851 | |
| | | Downstream | | 24651 | |
| 2013-11 | H4-2.5 | Upstream | Turbo | 24830 | |
| | | | Non-Turbo | 24851 | |
| | | Downstream | | 24651 | |
| 2010-09 | H4-2.5 | Upstream | Turbo | 24821 | |
| | | | Non-Turbo | 24696 | |
| | | Downstream | Turbo | 24651 | |
| | | | Non-Turbo | 24642 | |
| 2008-06 | H4-2.5 | Upstream | Turbo | 24821 | |
| | | | Non-Turbo | 24696 | |
| | H4-2.5 | Downstream | | 24642 | |
| | | | | | |
| 2005 | H4-2.5 | Upstream | Turbo | 24821 | |
| | | | Non-Turbo | 24825 | |
| | | Downstream | | 24642 | |
| 2004 | H4-2.5 | Upstream | Turbo | 24821 | |
| | | | Non-Turbo | 24664 | |
| | | Downstream | Turbo | 24642 | |
| | | | Non-Turbo | 24578 | |
| 2003 | H4-2.5 | Upstream | | 24664 | |
| | | Downstream | | 24578 | |
| 2002-00 | H4-2.5 | Upstream | | 24320 | |
| | | Downstream | | 24578 | |
| 1999 | H4-2.5 | Upstream | | 24523 | |
| | | Downstream | | 24578 | |
| 1998 | H4-2.5 | Upstream | | 24523 | |
| | | Downstream | | 24520 | |
| Impreza (Incl. WRX, WRX STi) | | | | | |
| 2017-15 | H4-2.0 | Upstream | Turbo | 27004 | |
| | | | Non-Turbo | 24851 | |
| | | Downstream | Turbo | 24478 | |
| | | | Non-Turbo | 24651 | |
| | H4-2.5 | Upstream | | 24821 | |
| | | Downstream | | 24642 | |
| | 2014-12 | H4-2.0 | Upstream | | 24851 |
| | | | Downstream | | 24651 |
| 2011-09 | H4-2.5 | Upstream | EJ255 Eng | 24830 | |
| | | | EJ257 Eng | 24821 | |
| | | Downstream | EJ255 Eng | 24651 | |
| | | | EJ257 Eng | 24642 | |
| | | | Turbo; EJ255 Eng | 24830 | |
| | | Turbo; EJ257 Eng | 24821 | | |
| | | Non-Turbo | 24696 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|--------|---------------|------------------|--------|-------|
| SUBARU (Cont'd) | | | | | |
| Impreza (Incl. WRX, WRX STi) (Cont'd) | | | | | |
| 2011-09 | H4-2.5 | Downstream | Turbo; EJ255 Eng | 24651 | |
| | | | Turbo; EJ257 Eng | 24642 | |
| | | | Non-Turbo | 24642 | |
| 2008 | H4-2.5 | Upstream | Turbo | 24821 | |
| | | | Non-Turbo | 24696 | |
| | | Downstream | EJ255 Eng; Turbo | 24651 | |
| | | | EJ257 Eng; Turbo | 24642 | |
| | | | Non-Turbo | 24642 | |
| 2007-06 | H4-2.5 | Upstream | Turbo | 24821 | |
| | | | Non-Turbo | 24696 | |
| | | Downstream | | 24642 | |
| 2005 | H4-2.0 | Upstream | | 24659 | |
| | | Downstream | | 24642 | |
| | H4-2.5 | Upstream | Turbo | 24821 | |
| | | Downstream | Non-Turbo | 24825 | |
| 2004 | H4-2.0 | Upstream | | 24659 | |
| | | Downstream | | 24642 | |
| 2003 | H4-2.0 | Upstream | Turbo | 24821 | |
| | | | Non-Turbo | 24664 | |
| | H4-2.5 | Upstream | Turbo | 24642 | |
| | | | Non-Turbo | 24578 | |
| 2002 | H4-2.0 | Upstream | | 24659 | |
| | | Downstream | | 24642 | |
| | | Downstream | | 24578 | |
| 2001-00 | H4-2.2 | Upstream | | 24320 | |
| | | Downstream | | 24578 | |
| | | Downstream | | 24578 | |
| 1999 | H4-2.2 | Upstream | Calif. | 24667 | |
| | | | Federal | 24523 | |
| | H4-2.5 | Upstream | Calif. | 24576 | |
| | | | Federal | 24578 | |
| 1998 | H4-2.2 | Upstream | | 24523 | |
| | | | Downstream | | 24520 |
| | H4-2.5 | Upstream | | 24523 | |
| | | | Downstream | | 24520 |
| 1997-96 | H4-1.8 | Upstream | | 24520 | |
| | | | Downstream | | 24520 |
| | H4-2.2 | Upstream | | 24520 | |
| | | | Downstream | | 24520 |
| 1995 | H4-1.8 | Upstream | | 24614 | |
| | | H4-2.2 | Upstream | | 24520 |
| | | | Downstream | | 24520 |
| 1994-93 | H4-1.8 | Upstream | | 24614 | |
| Justy | | | | | |
| 1995-89 | L3-1.2 | Upstream | | 24500 | |
| 1988 | L3-1.2 | Upstream | | 24141 | |
| 1987 | L3-1.2 | Upstream | | 25572 | |
| Legacy | | | | | |
| 2017-15 | H4-2.5 | Upstream | | 24851 | |
| | | Downstream | | 24651 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|---|---------------|--|--|-------|
| SUBARU (Cont'd) | | | | | |
| Legacy (Cont'd) | | | | | |
| 2017-15 | H6-3.6 | Upstream | LH | 24850 | |
| | | | RH | 24663 | |
| | | Downstream | LH | 24651 | |
| | | | RH | 24651 | |
| 2014-13 | H4-2.5 | Upstream | | 24851 | |
| | | Downstream | | 24651 | |
| | H6-3.6 | Upstream | LH | 24663 | |
| | | | RH | 24663 | |
| | | Downstream | LH | 24651 | |
| | | | RH | 24651 | |
| 2012-10 | H4-2.5 | Upstream | Turbo | 24826 | |
| | | | Non-Turbo | 24831 | |
| | | Downstream | | 24642 | |
| | H6-3.6 | Upstream | LH | 24663 | |
| | | | RH | 24663 | |
| | | Downstream | LH | 24651 | |
| 2009-08 | H4-2.5 | Upstream | Turbo | 24830 | |
| | | | Non-Turbo | 24696 | |
| | | Downstream | | 24642 | |
| | H6-3.0 | Upstream | LH | 24663 | |
| | | | RH | 24663 | |
| | | Downstream | LH | 24651 | |
| 2007-06 | H4-2.5 | Upstream | Turbo | 24821 | |
| | | | Non-Turbo | 24696 | |
| | | Downstream | | 24642 | |
| | 2005 | H4-2.5 | Upstream | Turbo | 24821 |
| | | | | Federal; Non-Turbo | 24825 |
| | | | | Loc. Before LH Primary (Mnfl'd) Cat; Calif; Non-Turbo | 24696 |
| Downstream | | | Loc. Before RH Primary (Mnfl'd) Cat; Calif; Non-Turbo | 24696 | |
| | | | Turbo | 24642 | |
| | | | Federal; Non-Turbo | 24642 | |
| 2004 | | H4-2.5 | Upstream | Federal | 24664 |
| | | | | Loc. Before LH Primary (Mnfl'd) Cat; Calif. | 24696 |
| | | | | Loc. Before RH Primary (Mnfl'd) Cat; Calif. | 24696 |
| Downstream | Federal | | 24598 | | |
| | Loc. After LH Primary (Mnfl'd) Cat; Calif. | | 24642 | | |
| | Loc. After RH Primary (Mnfl'd) Cat; Calif. | | 24642 | | |
| 2003 | H4-2.5 | Upstream | | 24664 | |
| | | Downstream | | 24598 | |
| 2002 | H4-2.5 | Upstream | | 24320 | |
| | | Downstream | | 24598 | |
| 2001-00 | H4-2.5 | Upstream | A/T | 24320 | |
| | | | M/T | 24667 | |
| | | Downstream | A/T | 24598 | |
| | | | M/T | 24576 | |
| 1999 | H4-2.2 | Upstream | Calif. | 24667 | |
| | | | Federal | 24523 | |
| | | Downstream | Calif. | 24576 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------|--------|---------------|--|--------|
| SUBARU (Cont'd) | | | | |
| Legacy (Cont'd) | | | | |
| 1999 | H4-2.2 | Downstream | Federal | 24598 |
| | | Upstream | | 24523 |
| | H4-2.5 | Downstream | | 24598 |
| | | Upstream | | 24523 |
| 1998-96 | H4-2.2 | Upstream | | 24523 |
| | | Downstream | | 24520 |
| | H4-2.5 | Upstream | | 24523 |
| | | Downstream | | 24520 |
| 1995 | H4-2.2 | Upstream | | 24520 |
| | | Downstream | | 24520 |
| 1994-91 | H4-2.2 | Upstream | Turbo | 24524 |
| | | | Non-Turbo | 24614 |
| 1990 | H4-2.2 | Upstream | | 24614 |
| Loyale | | | | |
| 1994-91 | H4-1.8 | Upstream | | 24141 |
| 1990 | H4-1.8 | Upstream | Calif; Turbo | 24101 |
| | | | Federal; Turbo | 24141 |
| | | | Non-Turbo | 24141 |
| Outback | | | | |
| 2017-15 | H4-2.5 | Upstream | | 24851 |
| | | Downstream | | 24651 |
| | H6-3.6 | Upstream | LH | 24850 |
| | | | RH | 24663 |
| | | Downstream | LH | 24651 |
| | | | RH | 24651 |
| 2014-13 | H4-2.5 | Upstream | | 24851 |
| | | Downstream | | 24651 |
| | H6-3.6 | Upstream | LH | 24663 |
| | | | RH | 24663 |
| | | Downstream | LH | 24651 |
| | | | RH | 24651 |
| 2012-10 | H4-2.5 | Upstream | | 24831 |
| | | Downstream | | 24642 |
| | H6-3.6 | Upstream | LH | 24663 |
| | | | RH | 24663 |
| | | Downstream | LH | 24651 |
| | | | RH | 24651 |
| 2009-08 | H4-2.5 | Upstream | Turbo | 24830 |
| | | | Non-Turbo | 24696 |
| | | Downstream | | 24642 |
| | H6-3.0 | Upstream | LH | 24663 |
| | | | RH | 24663 |
| | | Downstream | LH | 24651 |
| 2007-06 | H4-2.5 | Upstream | Turbo | 24821 |
| | | | Non-Turbo | 24696 |
| | | Downstream | | 24642 |
| | H6-3.0 | Upstream | LH | 24663 |
| | | | RH | 24663 |
| | | Downstream | LH | 24651 |
| 2005 | H4-2.5 | Upstream | Turbo | 24821 |
| | | | Federal; Non-Turbo | 24825 |
| | | | Loc. Before LH Primary (Mnfl'd) Cat; Calif; Non-Turbo | 24696 |
| | | Downstream | Loc. Before RH Primary (Mnfl'd) Cat; Calif; Non-Turbo | 24696 |
| | | | Turbo; A/T | 24642 |
| | | | Turbo; M/T | 24642 |
| 2005 | H4-2.5 | Downstream | Federal; Non-Turbo | 24642 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------------|------------|---------------|--|---|-------|
| SUBARU (Cont'd) | | | | | |
| Outback (Cont'd) | | | | | |
| 2005 | H4-2.5 | Downstream | Loc. After LH Primary (Mnflid) Cat; Calif; Non-Turbo | 24642 | |
| | | | Loc. After RH Primary (Mnflid) Cat; Calif; Non-Turbo | 24642 | |
| | | | Loc. After Scndary Cat; Calif; Non-Turbo | 24642 | |
| | H6-3.0 | Upstream | LH | 24663 | |
| | | | RH | 24663 | |
| | | Downstream | LH | 24651 | |
| | | | RH | 24651 | |
| | 2004 | H4-2.5 | Upstream | Federal | 24664 |
| | | | | Loc. Before LH Primary (Mnflid) Cat; Calif. | 24696 |
| | | | | Loc. Before RH Primary (Mnflid) Cat; Calif. | 24696 |
| Downstream | | | Federal | 24598 | |
| | | | Loc. After LH Primary (Mnflid) Cat; Calif. | 24642 | |
| | | | Loc. After RH Primary (Mnflid) Cat; Calif. | 24642 | |
| H6-3.0 | | Upstream | LH | 24657 | |
| | | | RH | 24657 | |
| | | Downstream | | 24642 | |
| | | | | | |
| | | | | | |
| | | | | | |
| 2003 | H4-2.5 | Upstream | | 24664 | |
| | | | Downstream | 24598 | |
| | H6-3.0 | Upstream | LH | 24657 | |
| | | | RH | 24657 | |
| | | Downstream | | 24642 | |
| | | | | | |
| 2002 | H4-2.5 | Upstream | | 24320 | |
| | | | Downstream | 24598 | |
| | H6-3.0 | Upstream | LH | 24657 | |
| | | | RH | 24657 | |
| | | Downstream | | 24642 | |
| | | | | | |
| 2001 | H4-2.5 | Upstream | A/T | 24320 | |
| | | | M/T | 24667 | |
| | | Downstream | A/T | 24598 | |
| | | | M/T | 24576 | |
| | H6-3.0 | Upstream | LH | 24657 | |
| | | | RH | 24657 | |
| | | Downstream | | 24642 | |
| | | | | | |
| 2000 | H4-2.5 | Upstream | A/T | 24320 | |
| | | | M/T | 24667 | |
| | Downstream | A/T | 24598 | | |
| | | M/T | 24576 | | |
| SVX | | | | | |
| 1997-96 | H6-3.3 | Upstream | LH | 24614 | |
| | | | RH | 24614 | |
| | | Downstream | | 24614 | |
| 1995-92 | H6-3.3 | Upstream | LH | 24614 | |
| | | | RH | 24614 | |
| Tribeca, B9 Tribeca | | | | | |
| 2014-08 | H6-3.6 | Upstream | LH | 24663 | |
| | | | RH | 24663 | |
| | | Downstream | LH | 24651 | |
| | | | RH | 24651 | |
| 2007-06 | H6-3.0 | Upstream | LH | 24663 | |
| | | | RH | 24663 | |
| | | Downstream | LH | 24651 | |
| | | | RH | 24651 | |
| XT, XT6 | | | | | |
| 1991-88 | H4-1.8 | Upstream | | 24141 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|---|--------|---------------|---------------|--------|
| SUBARU (Cont'd) | | | | |
| XT, XT6 (Cont'd) | | | | |
| 1991-88 | H6-2.7 | Upstream | | 24141 |
| 1987-85 | H4-1.8 | Upstream | | 23044 |
| SUZUKI | | | | |
| Aerio | | | | |
| 2007-04 | L4-2.3 | Upstream | | 24296 |
| | | Downstream | | 24278 |
| 2003-02 | L4-2.0 | Upstream | | 24296 |
| | | Downstream | | 24278 |
| Equator | | | | |
| 2012-11 | L4-2.5 | Upstream | | 24320 |
| | | Downstream | | 24244 |
| | V6-4.0 | Upstream | LH | 25685 |
| | | | RH | 25685 |
| | | Downstream | LH | 24244 |
| | | | RH | 24247 |
| 2010-09 | L4-2.5 | Upstream | | 24320 |
| | | Downstream | | 24244 |
| | V6-4.0 | Upstream | LH | 25679 |
| | | | RH | 25679 |
| Downstream | LH | | 24244 | |
| | | RH | | 24247 |
| Esteem | | | | |
| 2002 | L4-1.8 | Upstream | Sedan | 21508 |
| | | | Wagon | 24843 |
| | | Downstream | Sedan | 21508 |
| | | | Wagon | 24685 |
| 2001 | L4-1.6 | Upstream | | 24685 |
| | | Downstream | | 24843 |
| | L4-1.8 | Upstream | Sedan | 21508 |
| | | | Wagon | 24843 |
| | | Downstream | Sedan | 21508 |
| | | | Wagon | 24685 |
| 2000 | L4-1.6 | Upstream | | 21508 |
| | | Downstream | | 21508 |
| | L4-1.8 | Upstream | Sedan | 21508 |
| | | | Wagon | 24296 |
| | | Downstream | Sedan | 21508 |
| | | | Wagon | 24279 |
| 1999 | L4-1.6 | Upstream | | 21508 |
| | | Downstream | | 21508 |
| | L4-1.8 | Upstream | | 21508 |
| | | Downstream | | 21508 |
| 1998-96 | L4-1.6 | Upstream | | 21508 |
| | | Downstream | | 21508 |
| 1995 | L4-1.6 | Upstream | | 21508 |
| Foreza (Sedan & 5-Door Wagon Styles) / Reno (H/back) | | | | |
| 2008-06 | L4-2.0 | Upstream | | 25189 |
| | | Downstream | | 25192 |
| 2005-04 | L4-2.0 | Upstream | | 25184 |
| | | Downstream | | 25185 |
| Forsa, SA310 | | | | |
| 1988-87 | L3-1.0 | Upstream | | 21002 |
| 1986-85 | L3-1.0 | Upstream | | 24033 |
| Kizashi | | | | |
| 2013-10 | L4-2.4 | Upstream | | 24801 |
| | | Downstream | | 24815 |
| Samurai, LJ & SJ Series | | | | |
| 1995-85 | L4-1.3 | Upstream | | 24033 |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-----------------------------------|------------|---------------|----------------------------|----------------------------|
| SUZUKI (Cont'd) | | | | |
| Sidekick, X-90 | | | | |
| 1998-96 | L4-1.6 | Upstream | | 21508 |
| | | Downstream | | 21509 |
| | L4-1.8 | Upstream | | 24238 |
| | | Downstream | | 24277 |
| 1995-94 | L4-1.6 | Upstream | Calif. | 21508 |
| | | | Federal | 21541 |
| 1993 | L4-1.6 | Upstream | Soft Top | 21541 |
| | | | Hard Top; Calif. | 21508 |
| | | | Hard Top; Federal | 24617 |
| 1992 | L4-1.6 | Upstream | Soft Top | 21541 |
| | | | Hard Top | 24617 |
| 1991 | L4-1.6 | Upstream | | 21541 |
| 1990 | L4-1.6 | Upstream | | 24033 |
| 1989 | L4-1.3 | Upstream | | 24033 |
| | L4-1.6 | Upstream | | 24033 |
| Swift, Swift + | | | | |
| 2009 | L4-1.6 | Upstream | | 25712 |
| | | Downstream | | 25709 |
| 2008-06 | L4-1.6 | Upstream | | 25189 |
| | | Downstream | | 25190 |
| 2005-04 | L4-1.6 | Upstream | | 24653 |
| | | Downstream | | 24653 |
| 2001-96 | L4-1.3 | Upstream | | 21527 |
| | | Downstream | | 21524 |
| 1995 | L4-1.3 | Upstream | | 21527 |
| 1994 | L3-1.0 | Upstream | Calif. | 21527 |
| | | | Federal | 21002 |
| 1993-89 | All Engs | Upstream | | 21002 |
| | | | | 21002 |
| SX4 | | | | |
| 2013-10 | L4-2.0 | Upstream | | 24801 |
| | | Downstream | | 24699 |
| 2009-08 | L4-2.0 | Upstream | | 25684 |
| | | Downstream | | 24699 |
| 2007 | L4-2.0 | Upstream | | 25684 |
| | | Downstream | | 24817 |
| Verona | | | | |
| 2006 | L6-2.5 | Upstream | Cyls. 1-3 | 25191 |
| | | | Cyls. 4-6 | 25191 |
| | | | Downstream | Cyls. 1-3; O2 w/470mm Lead |
| | | Downstream | Cyls. 1-3; O2 w/700mm Lead | 25188 |
| | | | Cyls. 4-6; O2 w/470mm Lead | 25187 |
| | | | Cyls. 4-6; O2 w/700mm Lead | 25188 |
| 2005-04 | L6-2.5 | Upstream | Cyls. 1-3 | 25666 |
| | | | Cyls. 4-6 | 25666 |
| | | Downstream | Cyls. 1-3 | 25667 |
| | | | Cyls. 4-6 | 25667 |
| Vitara, Grand Vitara, XL-7 | | | | |
| 2013-11 | L4-2.4 | Upstream | | 25684 |
| | | Downstream | | 24817 |
| 2010 | L4-2.4 | Upstream | | 25684 |
| | | Downstream | | 24817 |
| | V6-3.2 | Upstream | LH | 24815 |
| | | RH | 24815 | |
| | Downstream | LH | 24812 | |
| | | RH | 24812 | |
| 2009 | L4-2.4 | Upstream | | 25684 |
| | | Downstream | | 24817 |
| | V6-3.2 | Upstream | LH | 24815 |
| | | Downstream | LH | 24815 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--|------------|---------------|---------------|----------|-------|-------|
| SUZUKI (Cont'd) | | | | | | |
| Vitara, Grand Vitara, XL-7 (Cont'd) | | | | | | |
| 2009 | V6-3.2 | Upstream | RH | 24815 | | |
| | | | LH | 24812 | | |
| | | Downstream | RH | 24812 | | |
| | | | LH | 21575 | | |
| | | V6-3.6 | Upstream | RH | 21575 | |
| | | | Downstream | LH | 21571 | |
| 2008-07 | V6-2.7 | Upstream | LH | 24836 | | |
| | | | RH | 24836 | | |
| | | Downstream | LH | 24843 | | |
| | | | RH | 24843 | | |
| | | V6-3.6 | Upstream | LH | 21575 | |
| | | | Downstream | RH | 21571 | |
| 2006 | V6-2.7 | Upstream | LH XL-7 | 21507 | | |
| | | | Grand Vitara | 24790 | | |
| | | | RH XL-7 | 21507 | | |
| | | | Grand Vitara | 24790 | | |
| | | Downstream | LH XL-7 | 21525 | | |
| | | | Grand Vitara | 24843 | | |
| | | RH XL-7 | 21525 | | | |
| | | | Grand Vitara | 24843 | | |
| | | 2005-04 | V6-2.5 | Upstream | LH | 24296 |
| | | | | RH | 24296 | |
| Downstream | LH | | | 24280 | | |
| V6-2.7 | Upstream | | RH | 24280 | | |
| | Downstream | | LH | 21507 | | |
| | RH | | 21507 | | | |
| 2003 | L4-2.0 | Upstream | | 21507 | | |
| | | Downstream | | 21525 | | |
| | V6-2.5 | Upstream | LH | 24296 | | |
| | | RH | 24296 | | | |
| | | Downstream | LH | 24280 | | |
| | | RH | 24280 | | | |
| | V6-2.7 | Upstream | LH | 21507 | | |
| | | RH | 21507 | | | |
| | | Downstream | LH | 21525 | | |
| | | RH | 21525 | | | |
| | 2002-01 | L4-1.6 | Upstream | | 21507 | |
| | | | Downstream | | 21525 | |
| L4-2.0 | | Upstream | | 21507 | | |
| | | Downstream | | 21525 | | |
| V6-2.5 | | Upstream | LH | 24296 | | |
| | | RH | 24296 | | | |
| | | Downstream | LH | 24280 | | |
| | | RH | 24280 | | | |
| V6-2.7 | | Upstream | LH | 21507 | | |
| | | RH | 21507 | | | |
| | Downstream | LH | 21525 | | | |
| | RH | 21525 | | | | |
| 2000-99 | L4-1.6 | Upstream | Calif. | 21507 | | |
| | | | Federal | 21527 | | |
| | | Downstream | Calif. | 21524 | | |
| | L4-2.0 | Upstream | Calif. | 21507 | | |
| | | | Federal | 21527 | | |
| | | Downstream | Calif. | 21524 | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------------|--------------|---------------|------------------|--------------|-------|
| SUZUKI (Cont'd) | | | | | |
| Vitara, Grand Vitara, XL-7 (Cont'd) | | | | | |
| 2000-99 | L4-2.0 | Downstream | Federal | 21509 | |
| | V6-2.5 | Upstream | LH | 24281 | |
| | | | RH | 24281 | |
| | | Downstream | LH | 24278 | |
| | | | RH | 24278 | |
| TOYOTA | | | | | |
| 4Runner | | | | | |
| 2016-15 | V6-4.0 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24780 | |
| | | | RH | 24560 | |
| 2014-13 | V6-4.0 | Upstream | LH | 24828 | |
| | | | RH | 24828 | |
| | | Downstream | LH | 24780 | |
| | | | RH | 24560 | |
| 2012-11 | V6-4.0 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24594 | |
| | | | RH | 24560 | |
| 2010 | L4-2.7 | Upstream | | 24827 | |
| | | Downstream | | 4WD 24564 | |
| | | | | RWD 24560 | |
| | V6-4.0 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24594 | |
| RH | 24560 | | | | |
| 2009-05 | All Eng's | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24594 | |
| | | | RH | 24594 | |
| 2004-03 | V6-4.0 | Upstream | LH | 24663 | |
| | | | RH | 24663 | |
| | | Downstream | LH | 24848 | |
| | | | RH | 24848 | |
| | V8-4.7 | Upstream | LH | 24560 | |
| | | | RH | 24560 | |
| | | Downstream | LH | 24594 | |
| | | | RH | 24594 | |
| 2002-01 | V6-3.4 | Upstream | | 24669 | |
| | | Downstream | | 24594 | |
| 2000 | L4-2.7 | Upstream | Calif; A/T | 24670 | |
| | | | Calif; M/T | 24669 | |
| | | | Federal | 24554 | |
| | | Downstream | RWD; Calif. | 24594 | |
| | | | RWD; Federal | 24554 | |
| | | | 4WD; A/T | 24595 | |
| | | | 4WD; M/T; Calif. | 24594 | |
| | | V6-3.4 | Upstream | Calif; A/T | 24669 |
| | | | | Calif; M/T | 24670 |
| | | Downstream | Federal | 24554 | |
| | Calif; 4WD | | 24553 | | |
| | Calif; RWD | | 24555 | | |
| | Federal; 4WD | | 24554 | | |
| | Federal; RWD | | 24553 | | |
| 1999 | L4-2.7 | Upstream | Calif; A/T | 24669 | |
| | | | Calif; M/T | 24670 | |
| | | | Federal | 24554 | |
| | | Downstream | RWD; Calif. | 24594 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------|------------|---------------|-------------------|--------|
| TOYOTA (Cont'd) | | | | |
| 4Runner (Cont'd) | | | | |
| 1999 | L4-2.7 | Downstream | RWD; Federal | 24554 |
| | | | 4WD; A/T | 24595 |
| | | | 4WD; M/T; Calif. | 24594 |
| | | | 4WD; M/T; Federal | 24554 |
| | V6-3.4 | Upstream | Calif; A/T | 24669 |
| | | | Calif; M/T | 24670 |
| | | | Federal | 24554 |
| | | Downstream | Calif; 4WD | 24553 |
| | | | Calif; RWD | 24555 |
| | | | Federal; 4WD | 24554 |
| 1998-96 | L4-2.7 | Upstream | 24554 | |
| | | Downstream | RWD | 24553 |
| | | | 4WD; A/T | 24595 |
| V6-3.4 | Upstream | 4WD; M/T | 24554 | |
| | | Upstream | 24554 | |
| Downstream | RWD | 24553 | | |
| | 4WD | 24554 | | |
| 1995-94 | L4-2.4 | Upstream | Calif. | 24552 |
| | | | Federal | 24537 |
| | | Downstream | Calif. | 24595 |
| | V6-3.0 | Upstream | 24537 | |
| | | Downstream | Calif. | 24554 |
| | | Downstream | Calif. | 24554 |
| 1993 | L4-2.4 | Upstream | Calif. | 24552 |
| | | | Federal | 24537 |
| | | Downstream | Calif. | 24595 |
| V6-3.0 | Upstream | | 24537 | |
| | | Downstream | Calif. | 24554 |
| 1992 | L4-2.4 | Upstream | 24552 | |
| | | V6-3.0 | Upstream | 24537 |
| 1991-90 | L4-2.4 | Upstream | 24111 | |
| | | V6-3.0 | Upstream | 24111 |
| 1989 | L4-2.4 | Upstream | 24112 | |
| | | V6-3.0 | Upstream | 24112 |
| 1988 | L4-2.4 | Upstream | Turbo | 24105 |
| | | | Non-Turbo | 24112 |
| | V6-3.0 | Upstream | 24112 | |
| 1987-85 | L4-2.4 | Upstream | Turbo | 24105 |
| | | | Non-Turbo | 24611 |
| 1984 | L4-2.4 | Upstream | 24105 | |
| 86 | | | | |
| 2018-17 | H4-2.0 | Upstream | 24851 | |
| | | Downstream | 24642 | |
| Avalon | | | | |
| 2017-15 | L4-2.5 | Upstream | 24851 | |
| | | Downstream | 24470 | |
| | V6-3.5 | Upstream | F | 24851 |
| | | | R | 24827 |
| | | Downstream | F | 24594 |
| | | | R | 24564 |
| | 2014-13 | L4-2.5 | Upstream | 24851 |
| | | | Downstream | 24470 |
| V6-3.5 | | Upstream | F | 24851 |
| | | | R | 24851 |
| Downstream | F | 24594 | | |
| | R | 24564 | | |
| 2012 | V6-3.5 | Upstream | F | 24851 |
| | | | R | 24851 |
| | Downstream | F | 24594 | |
| | | R | 24564 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------|--------|---------------|---|--------|
| TOYOTA (Cont'd) | | | | |
| Avalon (Cont'd) | | | | |
| 2011-06 | V6-3.5 | Upstream | F | 24662 |
| | | | R | 24827 |
| | | Downstream | F | 24594 |
| | | | R | 24564 |
| 2005 | V6-3.5 | Upstream | F | 24662 |
| | | | R | 24827 |
| | | Downstream | F | 24564 |
| | | | R | 24594 |
| 2004-00 | V6-3.0 | Upstream | F | 24658 |
| | | | R | 24822 |
| | | Downstream | | 24548 |
| 1999-97 | V6-3.0 | Upstream | F Calif. | 25697 |
| | | | F Federal | 24594 |
| | | | R Calif. | 25697 |
| | | | R Federal | 24594 |
| | | Downstream | | 24548 |
| | | | | |
| 1996-95 | V6-3.0 | Upstream | F | 24594 |
| | | | R | 24594 |
| | | Downstream | | 24548 |
| Avanza | | | | |
| 2013 | L4-1.5 | Upstream | Rest of World Specification; MEX | 24560 |
| | | Downstream | MEX | 24560 |
| Camry | | | | |
| 2017-15 | L4-2.5 | Upstream | | 24851 |
| | | Downstream | | 24470 |
| | V6-3.5 | Upstream | F | 24851 |
| | | | R | 24827 |
| | | Downstream | F | 24594 |
| | | | R | 24564 |
| 2014-12 | L4-2.5 | Upstream | | 24851 |
| | | Downstream | | 24470 |
| | V6-3.5 | Upstream | F | 24851 |
| | | | R | 24851 |
| | | Downstream | F | 24594 |
| | | | R | 24564 |
| 2011-10 | L4-2.4 | Upstream | | 24662 |
| | | Downstream | | 24594 |
| | L4-2.5 | Upstream | | 24827 |
| | | Downstream | Calif. | 24594 |
| | | | Federal | 24456 |
| | V6-3.5 | Upstream | F | 24662 |
| R | | | 24827 | |
| Downstream | | F | 24594 | |
| | | R | 24564 | |
| 2009-07 | L4-2.4 | Upstream | | 24662 |
| | | Downstream | Hybrid | 24594 |
| | | | Gas; A/T; Calif. | 24594 |
| | | | Gas; A/T; Federal | 24453 |
| | | | Gas; M/T | 24453 |
| | V6-3.5 | Upstream | F | 24662 |
| R | | | 24827 | |
| Downstream | F | 24594 | | |
| | R | 24564 | | |
| 2006-04 | L4-2.4 | Upstream | Loc. in Mnfl'd Before Warm-up (Frt) Cat; A/F O2 | 24662 |
| | | | Loc. Before Underfloor (Rear) Cat; O2; Calif. | 24548 |
| | | | Loc. Before Underfloor (Rear) Cat; O2; Federal | 24047 |
| | | | Loc. After Underfloor (Rear) Cat. | 24808 |
| | | Downstream | | |
| | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|------------------------|------------|---------------|-----------------------------------|--|--------|-------|
| TOYOTA (Cont'd) | | | | | | |
| Camry (Cont'd) | | | | | | |
| 2006-04 | V6-3.0 | Upstream | F | 24827 | | |
| | | | R | 24663 | | |
| | | Downstream | F | 24594 | | |
| | | | R | 24564 | | |
| | | V6-3.3 | Upstream | F | 24827 | |
| | | | | R | 24663 | |
| | Downstream | | F | 24594 | | |
| | | | R | 24564 | | |
| | 2003 | L4-2.4 | Upstream | Loc. in Mnfl'd Before Warm-up (Frt) Cat; Calif; A/F O2 | 24662 | |
| | | | | Loc. in Mnfl'd Before Warm-up (Frt) Cat; Federal; A/F O2 | 24657 | |
| | | | | Loc. Before Underfloor (Rear) Cat; Calif. | 24548 | |
| | | | | Loc. Before Underfloor (Rear) Cat; Federal | 24293 | |
| Downstream | | | Loc. After Underfloor (Rear) Cat. | 24808 | | |
| V6-3.0 | | | Upstream | F | 24827 | |
| | | R | | 24663 | | |
| | | Downstream | F | 24594 | | |
| | | | R | 24564 | | |
| | | 2002 | L4-2.4 | Upstream | | 24657 |
| | | | | Downstream | | 24293 |
| V6-3.0 | | | Upstream | F | 24827 | |
| | R | | | 24663 | | |
| | Downstream | | F | 24594 | | |
| | | | R | 24564 | | |
| 2001 | L4-2.2 | Upstream | CNG (5SFNE Eng) | 24657 | | |
| | | | Gas (5SFNE Eng); Calif. | 24657 | | |
| | | | Gas (5SFNE Eng); Federal | 24547 | | |
| | Downstream | | | 24808 | | |
| | | V6-3.0 | Upstream | F A/T | 24822 | |
| | | | | M/T | 24594 | |
| | R A/T | 24822 | | | | |
| | | M/T | 24594 | | | |
| 2000 | L4-2.2 | Upstream | CNG (5SFNE Eng) | 24657 | | |
| | | | Gas (5SFNE Eng); Calif. | 24657 | | |
| | | | Gas (5SFNE Eng); Federal | 24547 | | |
| | Downstream | | | 24808 | | |
| | | V6-3.0 | Upstream | F Calif. | 25697 | |
| | | | | Federal | 24594 | |
| | | R Calif. | 25697 | | | |
| | | | Federal | 24594 | | |
| | Downstream | | | 24808 | | |
| | | 1999-98 | L4-2.2 | Upstream | Calif. | |
| | | | | Federal | 24547 | |
| | | Downstream | | 24808 | | |
| V6-3.0 | Upstream | F Calif. | 25697 | | | |
| | | Federal | 24594 | | | |
| | | R Calif. | 25697 | | | |
| | | | Federal | 24594 | | |
| | Downstream | | | 24808 | | |
| | | | | | | |
| 1997 | L4-2.2 | Upstream | Calif. | | | |
| | | Federal | 24547 | | | |
| | Downstream | | 24808 | | | |
| V6-3.0 | Upstream | F | 24594 | | | |
| | | R | 24594 | | | |
| | Downstream | | 24808 | | | |
| 1996 | L4-2.2 | Upstream | | 24514 | | |
| | | Downstream | | 24506 | | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|------------|---------------|------------------------------|--------|
| TOYOTA (Cont'd) | | | | |
| Camry (Cont'd) | | | | |
| 1996 | V6-3.0 | Upstream | F | 24594 |
| | | | R | 24594 |
| | | Downstream | | 24579 |
| 1995-94 | L4-2.2 | Upstream | | 24502 |
| | | Downstream | | 24506 |
| | V6-3.0 | Upstream | F | 24594 |
| | | | R | 24594 |
| | Downstream | | 24579 | |
| | 1993-92 | L4-2.2 | Upstream | Calif. |
| | | | Federal | 24504 |
| Downstream | | | Calif. | 24506 |
| V6-3.0 | | Upstream | F | 24502 |
| | | R | 24502 | |
| Downstream | Calif. | 24579 | | |
| 1991-90 | L4-2.0 | Upstream | FWD; Calif. (Flange Type) | 24105 |
| | | | FWD; Calif. (Screw Type) | 24518 |
| | | | FWD; Federal | 24611 |
| | | | 4WD | 24105 |
| | V6-2.5 | Upstream | Flange Type O2 | 24536 |
| Screw Type O2 | | | 24135 | |
| 1989-88 | L4-2.0 | Upstream | FWD | 24611 |
| | | | 4WD | 24105 |
| | V6-2.5 | Upstream | Flange Type O2 | 24536 |
| Screw Type O2 | | | 24515 | |
| 1987 | L4-2.0 | Upstream | | 24611 |
| 1986-83 | All Engs | Upstream | | 24105 |
| Carina, Corona, Crown, Mark II, Tiara | | | | |
| 1982-81 | L4-2.4 | Upstream | | 24105 |
| Celica, Supra | | | | |
| 2005-03 | L4-1.8 | Upstream | | 24810 |
| | | Downstream | | 24605 |
| 2002-00 | L4-1.8 | Upstream | | 24571 |
| | | Downstream | | 24605 |
| 1999 | L4-2.2 | Upstream | | 24514 |
| | | Downstream | | 24508 |
| 1998 | L4-2.2 | Upstream | | 24514 |
| | | Downstream | | 24508 |
| | L6-3.0 | Upstream | Turbo | 24575 |
| | | | Non-Turbo; Cyls. 1-3 | 24547 |
| | | | Non-Turbo; Cyls. 4-6 | 24579 |
| | | Downstream | Turbo | 24567 |
| Non-Turbo; Cyls. 1-3 | 24547 | | | |
| Non-Turbo; Cyls. 4-6 | 24564 | | | |
| 1997-96 | L4-1.8 | Upstream | | 24506 |
| | | Downstream | | 24605 |
| | L4-2.2 | Upstream | | 24514 |
| | | Downstream | | 24508 |
| | L6-3.0 | Upstream | Turbo | 24575 |
| | | | Non-Turbo; Cyls. 1-3 | 24581 |
| Non-Turbo; Cyls. 4-6 | | | 24581 | |
| Downstream | | Turbo | 24567 | |
| | Non-Turbo | 24567 | | |
| 1995 | L4-1.8 | Upstream | | 24502 |
| | | Downstream | | 24511 |
| | L4-2.2 | Upstream | | 24502 |
| | | Downstream | | 24508 |
| | L6-3.0 | Upstream | Turbo | 24575 |
| | | | Non-Turbo; Cyls. 1-3; Calif. | 24581 |
| Non-Turbo; Cyls. 1-3; Federal | 24504 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--|------------|------------------------------|---|--------|
| TOYOTA (Cont'd) | | | | |
| Celica, Supra (Cont'd) | | | | |
| 1995 | L6-3.0 | Upstream | Non-Turbo; Cyls. 4-6; Calif. | 24581 |
| | | | Non-Turbo; Cyls. 4-6; Federal | 24504 |
| | | Downstream | Turbo | 24567 |
| | | | Non-Turbo; Calif. | 24567 |
| 1994 | L4-1.8 | Upstream | | 24502 |
| | | Downstream | | 24511 |
| | L4-2.2 | Upstream | | 24502 |
| | | Downstream | | 24508 |
| | L6-3.0 | Upstream | Turbo | 24575 |
| | | | Non-Turbo; Cyls. 1-3; Calif. | 24581 |
| | | | Non-Turbo; Cyls. 1-3; Federal | 24504 |
| | | | Non-Turbo; Cyls. 4-6; Calif. | 24581 |
| Non-Turbo; Cyls. 4-6; Federal | | | 24504 | |
| Downstream | | | Turbo | 24567 |
| Calif. Non-Turbo | 24567 | | | |
| 1993 | L4-1.6 | Upstream | Calif. | 24513 |
| | | | Federal | 24552 |
| | L4-2.0 | Upstream | | 24556 |
| | | | | 24502 |
| | L4-2.2 | Upstream | | 24502 |
| | | | Downstream | Calif. |
| | L6-3.0 | Upstream | 2JZGTE Eng; Turbo | 24575 |
| | | | 2JZGE Eng; Non-Turbo; Cyls. 1-3; Calif. | 24581 |
| 2JZGE Eng; Non-Turbo; Cyls. 1-3; Federal | | | 24504 | |
| 2JZGE Eng; Non-Turbo; Cyls. 4-6; Calif. | | | 24581 | |
| 2JZGE Eng; Non-Turbo; Cyls. 4-6; Federal | | | 24504 | |
| 7MGTE Eng; Turbo | | | 24137 | |
| 7MGE Eng; Non-Turbo; Calif. | 24569 | | | |
| 7MGE Eng; Non-Turbo; Federal | 24105 | | | |
| | Downstream | 2JZGTE Eng; Turbo | 24567 | |
| | | 2JZGE Eng; Non-Turbo; Calif. | 24567 | |
| 1992 | L4-1.6 | Upstream | Calif. | 24513 |
| | | | Federal | 24552 |
| | L4-2.0 | Upstream | | 24556 |
| | | | | 24502 |
| | L4-2.2 | Upstream | | 24502 |
| | | | Downstream | Calif. |
| L6-3.0 | Upstream | Turbo | 24137 | |
| | | Non-Turbo; Calif. | 24569 | |
| | | Non-Turbo; Federal | 24105 | |
| | | | 24105 | |
| 1991 | L4-1.6 | Upstream | Calif. | 24513 |
| | | | Federal | 24558 |
| | L4-2.0 | Upstream | | 24556 |
| | | | | 24518 |
| | L4-2.2 | Upstream | Calif. | 24518 |
| | | | Federal | 24105 |
| L6-3.0 | Upstream | Turbo | 24137 | |
| | | Non-Turbo; Calif. | 24569 | |
| | | Non-Turbo; Federal | 24105 | |
| | | | 24105 | |
| 1990 | L4-1.6 | Upstream | Calif. | 24513 |
| | | | Federal | 24558 |
| | L4-2.0 | Upstream | | 24556 |
| | | | | 24518 |
| | L4-2.2 | Upstream | Calif. | 24518 |
| | | | Federal | 24105 |
| L6-3.0 | Upstream | Turbo | 24079 | |
| | | Non-Turbo; Calif. | 24569 | |
| | | Non-Turbo; Federal | 24105 | |
| | | | 24105 | |
| 1989 | L4-2.0 | Upstream | Turbo; 3SGTE Eng | 24536 |
| | | | Non-Turbo; 3SGELC Eng | 24536 |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------------|------------|--------------------|--|-----------------------|-------|
| TOYOTA (Cont'd) | | | | | |
| Celica, Supra (Cont'd) | | | | | |
| 1989 | L4-2.0 | Upstream | Non-Turbo; 3SFE Eng; Calif. (1-Wire Screw Type) | 24105 | |
| | | | Non-Turbo; 3SFE Eng; Calif. (2-Wire Flange Type) | 24518 | |
| | | | Non-Turbo; 3SFE Eng; Federal | 24611 | |
| | L6-3.0 | Upstream | Turbo | 24079 | |
| | | | Non-Turbo; Calif. | 24569 | |
| | | | Non-Turbo; Federal | 24105 | |
| | 1988 | L4-2.0 | Upstream | Turbo; 3SGTE Eng | 24536 |
| | | | | Non-Turbo; 3SFE Eng | 24611 |
| | | | | Non-Turbo; 3SGELC Eng | 24536 |
| L6-3.0 | Upstream | Turbo | 24079 | | |
| | | Non-Turbo; Calif. | 24570 | | |
| | | Non-Turbo; Federal | 24105 | | |
| 1987 | L4-2.0 | Upstream | 3SGELC Eng | 24105 | |
| | | | 3SFE Eng | 24611 | |
| | L6-3.0 | Upstream | Turbo | 24079 | |
| 1986 | L4-2.0 | Upstream | | 24105 | |
| | | | L6-2.8 | Upstream | 24105 |
| | | | L6-3.0 | Upstream | 24105 |
| 1985-84 | L4-2.4 | Upstream | | 24611 | |
| | | | L6-2.8 | Upstream | 24105 |
| 1983 | L4-2.4 | Upstream | FI | 24611 | |
| | | | CARB | 24105 | |
| 1982-81 | L4-2.4 | Upstream | | 24105 | |
| | | | L6-2.8 | Upstream | 24105 |
| 1980-79 | L6-2.6 | Upstream | | 24106 | |
| Corolla | | | | | |
| 2017 | L4-1.8 | Upstream | Hatchback | 24661 | |
| | | | Sedan | 24828 | |
| | Downstream | Hatchback | 24677 | | |
| | | Sedan | 24808 | | |
| 2016-14 | L4-1.8 | Upstream | | 24828 | |
| | | Downstream | | 24808 | |
| 2013 | L4-1.8 | Upstream | | 24828 | |
| | | Downstream | | 24841 | |
| 2012-11 | L4-1.8 | Upstream | | 24828 | |
| | | Downstream | | 24841 | |
| | L4-2.4 | Upstream | | 24662 | |
| | | Downstream | | 24453 | |
| 2010-09 | L4-1.8 | Upstream | | 24661 | |
| | | Downstream | | 24841 | |
| | L4-2.4 | Upstream | | 24662 | |
| | | Downstream | | 24453 | |
| 2008-07 | L4-1.8 | Upstream | | 24661 | |
| | | Downstream | | 21547 | |
| 2006-05 | L4-1.8 | Upstream | 1ZZFE Eng | 24661 | |
| | | | 2ZZGE Eng | 24806 | |
| | | Downstream | | 21547 | |
| 2004-03 | L4-1.8 | Upstream | | 24811 | |
| | | Downstream | | 21547 | |
| 2002-98 | L4-1.8 | Upstream | | 24554 | |
| | | Downstream | | 24548 | |
| 1997-96 | L4-1.6 | Upstream | | 24505 | |
| | | Downstream | | 24548 | |
| | L4-1.8 | Upstream | | 24505 | |
| | | Downstream | | 24548 | |
| 1995 | L4-1.6 | Upstream | Calif. | 24502 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|------------|-------------------|------------------------|-------------------|-------|
| TOYOTA (Cont'd) | | | | | |
| Corolla (Cont'd) | | | | | |
| 1995 | L4-1.6 | Upstream | Federal | 24511 | |
| | | Downstream | Calif. | 24510 | |
| | L4-1.8 | Upstream | | 24505 | |
| | | Downstream | | 24548 | |
| 1994-93 | L4-1.6 | Upstream | Calif. | 24502 | |
| | | Downstream | Federal | 24511 | |
| | L4-1.8 | Upstream | Calif. | 24502 | |
| | | Downstream | Calif. | 24510 | |
| 1992 | L4-1.6 | Upstream | | 24512 | |
| 1991-90 | L4-1.6 | Upstream | 4AFE Eng | 24512 | |
| | | | 4AGE Eng; Calif. | 24673 | |
| | Downstream | 4AGE Eng; Federal | 24059 | | |
| | | 4AGE Eng; Calif. | 24515 | | |
| 1989 | L4-1.6 | Upstream | 4AF Eng | 24105 | |
| | | | 4AFE Eng | 24105 | |
| | | | 4AGE Eng; FWD; Calif. | 24673 | |
| | | | 4AGE Eng; FWD; Federal | 24059 | |
| | | | 4AGE Eng; FWD; Calif. | 24515 | |
| 1988 | L4-1.6 | Upstream | 4ALC, 4AF, 4AFE Engs | 24105 | |
| | | | 4AGELC Eng | 24551 | |
| | | | 4AGE Eng | 24673 | |
| 1987-81 | All Engs | Upstream | | 24105 | |
| 1980 | L4-1.8 | Upstream | | 24611 | |
| Cressida | | | | | |
| 1992-89 | L6-3.0 | Upstream | | 24105 | |
| | | Downstream | Calif. | 24570 | |
| 1988-81 | L6-2.8 | Upstream | | 24105 | |
| 1980 | L6-2.6 | Upstream | | 24106 | |
| Echo, Echo H/B | | | | | |
| 2005-03 | L4-1.5 | Upstream | | 24411 | |
| | | | Downstream | w/OE #89465-52200 | 24294 |
| | | | | w/OE #89465-52280 | 24295 |
| 2002-00 | L4-1.5 | Upstream | | 24594 | |
| | | Downstream | | 24579 | |
| FJ Cruiser | | | | | |
| 2014-13 | V6-4.0 | Upstream | LH | Canada & USA | 24828 |
| | | | | Mexico | 24833 |
| | | | RH | Canada & USA | 24828 |
| | | Downstream | | Mexico | 24833 |
| | | | LH | Canada & USA | 24780 |
| | | | RH | Mexico | 24560 |
| 2012-10 | V6-4.0 | Upstream | LH | | 24833 |
| | | | RH | | 24833 |
| | | Downstream | LH | | 24594 |
| | | | RH | | 24560 |
| 2009-07 | V6-4.0 | Upstream | LH | | 24833 |
| | | | RH | | 24833 |
| | | Downstream | LH | | 24594 |
| | | | RH | | 24594 |
| Highlander | | | | | |
| 2017 | L4-2.7 | Upstream | | 24802 | |
| | | Downstream | | 24060 | |
| | V6-3.5 | Upstream | F | | 24662 |
| | | | R | | 24827 |
| | | Downstream | F | | 24784 |
| | | | R | | 24794 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------------|------------|---------------|---------------|---------------|----------------|
| TOYOTA (Cont'd) | | | | | |
| Highlander (Cont'd) | | | | | |
| 2016-14 | L4-2.7 | Upstream | | 24802 | |
| | | Downstream | | 24060 | |
| | V6-3.5 | Upstream | F | 24851 | |
| | | | R | 24851 | |
| | | Downstream | F | 24834 | |
| | | | R | 25721 | |
| 2013-11 | L4-2.7 | Upstream | | 24663 | |
| | | Downstream | | 24454 | |
| | V6-3.5 | Upstream | F | 24851 | |
| | | | R | 24851 | |
| | | Downstream | F | Hybrid Gas | 24834 24677 |
| | | | R | | 25721 |
| | 2010-09 | L4-2.7 | Upstream | | 24663 |
| | | | Downstream | | 24454 |
| V6-3.3 | | Upstream | F | 24833 | |
| | | | R | 24661 | |
| | | Downstream | F | 24677 | |
| | | | R | 25721 | |
| V6-3.5 | | Upstream | F | 24662 | |
| | | | R | 24827 | |
| | | Downstream | F | 24677 | |
| | | | R | 25721 | |
| 2008 | | V6-3.3 | Upstream | F | 24833 |
| | | | | R | 24661 |
| | Downstream | | F | 24677 | |
| | | | R | 25721 | |
| | V6-3.5 | Upstream | F | 24662 | |
| | | | R | 24827 | |
| | | Downstream | F | 24677 | |
| | | | R | 25721 | |
| 2007 | L4-2.4 | Upstream | | 24662 | |
| | | Downstream | | 24451 | |
| | V6-3.3 | Upstream | F | 24827 | |
| | | | R | Gas Hybrid | 24827 24663 |
| | | Downstream | F | 24677 | |
| | | | R | | 25721 |
| | 2006 | L4-2.4 | Upstream | | 24662 |
| | | | Downstream | | 24237 |
| V6-3.3 | | Upstream | F | 24827 | |
| | | | R | Gas Hybrid | 24827 24663 |
| | | Downstream | F | 24677 | |
| | | | R | | 25721 |
| 2005-04 | L4-2.4 | Upstream | | 24662 | |
| | | Downstream | | 24237 | |
| | V6-3.3 | Upstream | F | 24827 | |
| | | | R | | 24827 |
| | | Downstream | F | 24677 | |
| | | | R | | 25721 |
| 2003-01 | L4-2.4 | Upstream | Cyls. 1 & 4 | 24662 | |
| | | | Cyls. 2 & 3 | 24661 | |
| | | Downstream | Cyls. 1 & 4 | 24549 | |
| | | | Cyls. 2 & 3 | 24549 | |
| | V6-3.0 | Upstream | F | 25697 | |
| | | | R | 25697 | |
| | | Downstream | | 24567 | |
| | | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|------------------------|--------|---------------|-------------------------|------------------------------|------------------|------------------|
| TOYOTA (Cont'd) | | | | | | |
| Land Cruiser | | | | | | |
| 2017-16 | V8-5.7 | Upstream | LH | 24828 | | |
| | | | RH | 24828 | | |
| | | Downstream | LH | 24780 | | |
| | | | RH | 24560 | | |
| 2015-14 | V8-5.7 | Upstream | LH | 24849 | | |
| | | | RH | 24849 | | |
| | | Downstream | LH | 24780 | | |
| | | | RH | 24560 | | |
| 2013 | V8-5.7 | Upstream | LH | 24849 | | |
| | | | RH | 24849 | | |
| | | Downstream | LH | 24594 | | |
| | | | RH | 24560 | | |
| 2011-08 | V8-5.7 | Upstream | LH | 24833 | | |
| | | | RH | 24833 | | |
| | | Downstream | LH | 24594 | | |
| | | | RH | 24560 | | |
| 2007-06 | V8-4.7 | Upstream | LH | 24833 | | |
| | | | RH | 24833 | | |
| | | Downstream | LH | 24594 | | |
| | | | RH | 24594 | | |
| 2005 | V8-4.7 | Upstream | LH | To 5/05 24560 | | |
| | | | RH | To 5/05 24833 | | |
| | | | Downstream | LH | To 5/05 24833 | |
| | | | | RH | To 5/05 24554 | |
| | | 2004-98 | V8-4.7 | Upstream | LH | To 5/05 24594 |
| | | | | | RH | To 5/05 24594 |
| | | | | Downstream | LH | To 5/05 24560 |
| | | | | | RH | To 5/05 24554 |
| 1997-96 | L6-4.5 | Upstream | LH | 24560 | | |
| | | | RH | 24560 | | |
| | | Downstream | LH | 24554 | | |
| | | | RH | 24554 | | |
| 1995 | L6-4.5 | Upstream | Cyls. 1-3; To 1/95 | 24044 | | |
| | | | Cyls. 4-6; To 1/95; CAN | 24080 | | |
| | | | Cyls. 4-6; To 1/95; USA | 24044 | | |
| | | | From 1/95 | 24557 | | |
| | | Downstream | From 1/95 | 24553 | | |
| 1994-93 | L6-4.5 | Upstream | Cyls. 1-3 | 24044 | | |
| | | | Cyls. 4-6; CAN | 24080 | | |
| | | | Cyls. 4-6; USA | 24044 | | |
| 1992-90 | L6-4.0 | Upstream | Cyls. 1-3 | 24551 | | |
| | | | Cyls. 4-6 | 24536 | | |
| 1989-88 | L6-4.0 | Upstream | | 24537 | | |
| 1987-86 | L6-4.2 | Upstream | | 24551 | | |
| 1985-81 | L6-4.2 | Upstream | Hardtop | 24552 | | |
| | | | Wagon | 24551 | | |
| Matrix | | | | | | |
| 2014 | L4-1.8 | Upstream | | 24828 | | |
| | | Downstream | | 24841 | | |
| 2013-11 | L4-1.8 | Upstream | | 24828 | | |
| | | Downstream | | 24841 | | |
| | L4-2.4 | Upstream | | 24662 | | |
| | | Downstream | | AWD 24457 FWD 24453 | | |
| 2010-09 | L4-1.8 | Upstream | | 24661 | | |
| | | Downstream | | 24841 | | |
| | L4-2.4 | Upstream | | 24662 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-------------------------------------|------------|----------------|---------------------------------------|--------|
| TOYOTA (Cont'd) | | | | |
| Matrix (Cont'd) | | | | |
| 2010-09 | L4-2.4 | Downstream | AWD | 24457 |
| | | | FWD | 24453 |
| 2008-07 | L4-1.8 | Upstream | | 24661 |
| | | Downstream | | 21547 |
| 2006-05 | L4-1.8 | Upstream | 1ZZFE Eng; AWD | 24811 |
| | | | 1ZZFE Eng; FWD | 24661 |
| | | | 2ZZGE Eng | 24806 |
| | Downstream | 1ZZFE Eng; AWD | 24579 | |
| | | 1ZZFE Eng; FWD | 21547 | |
| | | 2ZZGE Eng | 21547 | |
| 2004 | L4-1.8 | Upstream | 1ZZFE Eng | 24811 |
| | | | 2ZZGE Eng; To 5/03; OE #89465-01100 | 21547 |
| | | | 2ZZGE Eng; From 5/03; OE #89465-12740 | 24806 |
| | Downstream | 1ZZFE Eng; AWD | 24579 | |
| | | 1ZZFE Eng; FWD | 21547 | |
| | | 2ZZGE Eng | 21547 | |
| 2003 | L4-1.8 | Upstream | 1ZZFE Eng | 24811 |
| | | | 2ZZGE Eng | 21547 |
| | | | Downstream | |
| | Downstream | 1ZZFE Eng; AWD | 24579 | |
| | | 1ZZFE Eng; FWD | 21547 | |
| | | 2ZZGE Eng | 21547 | |
| MR2, MR2 Spyder | | | | |
| 2005-00 | L4-1.8 | Upstream | | 24594 |
| | | Downstream | | 24676 |
| 1995-93 | L4-2.0 | Upstream | | 24556 |
| | | L4-2.2 | | |
| 1992 | L4-2.0 | Upstream | | 24556 |
| | | L4-2.2 | | |
| 1991 | L4-2.0 | Upstream | To 1/92 | 24105 |
| | | | From 1/92 | 24504 |
| | Downstream | To 1/92 | 24518 | |
| | | From 1/92 | 24505 | |
| 1991 | L4-2.0 | Upstream | | 24556 |
| | | L4-2.2 | | |
| 1989-88 | L4-1.6 | Upstream | Supercharged | 24536 |
| | | | Exc. Supercharged | 24539 |
| 1987-85 | L4-1.6 | Upstream | | 24105 |
| Paseo | | | | |
| 1999-97 | L4-1.5 | Upstream | | 24508 |
| | | Downstream | | 24548 |
| 1996 | L4-1.5 | Upstream | | 24594 |
| | | Downstream | | 24548 |
| 1995 | L4-1.5 | Upstream | Calif. | 24594 |
| | | | Federal | 24511 |
| | | Downstream | Calif. | 24548 |
| 1994-92 | L4-1.5 | Upstream | | 24511 |
| Pickup (incl. Hi-Lux, Stout) | | | | |
| 1995-94 | L4-2.4 | Upstream | Calif; JPN Prod; RWD | 24537 |
| | | | Calif; JPN Prod; 4WD | 24552 |
| | | | Calif; N.A. Prod. | 24537 |
| | | | Federal; RWD | 24552 |
| | | | Federal; 4WD | 24537 |
| | | Downstream | Calif; JPN Prod. | 24595 |
| | | | Calif; N.A. Prod; RWD | 24554 |
| | | | Calif; N.A. Prod; Long Bed; 4WD | 24595 |
| | | | Calif; N.A. Prod; Short Bed; 4WD | 24554 |
| | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------|------------------------------------|------------------------------------|----------------------|-------|
| TOYOTA (Cont'd) | | | | | |
| Pickup (incl. Hi-Lux, Stout) (Cont'd) | | | | | |
| 1995-94 | V6-3.0 | Upstream | Calif. | 24537 | |
| | | | Federal; RWD; w/Dual Rear Wheels | 24552 | |
| | | | Federal; RWD; w/o Dual Rear Wheels | 24537 | |
| | | | Federal; 4WD | 24537 | |
| | | | Downstream | Calif. | 24554 |
| 1993 | L4-2.4 | Upstream | Calif; JPN Prod; RWD | 24537 | |
| | | | Calif; JPN Prod; 4WD | 24552 | |
| | | | Calif; N.A. Prod. | 24537 | |
| | | | Federal; RWD | 24552 | |
| | | | Federal; 4WD | 24537 | |
| | Downstream | Calif; JPN Prod. | 24595 | | |
| | | Calif; N.A. Prod; RWD | 24554 | | |
| | | Calif; N.A. Prod; Long Bed; 4WD | 24595 | | |
| | | Calif; N.A. Prod; Short Bed; 4WD | 24554 | | |
| | | | | | |
| V6-3.0 | Upstream | RWD; Calif. | 24044 | | |
| | | RWD; Federal; w/Dual Rear Wheels | 24552 | | |
| | | RWD; Federal; w/o Dual Rear Wheels | 24537 | | |
| | | 4WD | 24537 | | |
| | | | | | |
| 1992 | L4-2.4 | Upstream | RWD | 24552 | |
| | | | 4WD; Calif; Long Bed | 24552 | |
| | | | 4WD; Calif; Short Bed | 24537 | |
| | | | 4WD; Federal | 24537 | |
| | | | Downstream | Calif; Long Bed; RWD | 24552 |
| | V6-3.0 | Upstream | Calif; Short Bed; RWD | 24537 | |
| | | | Calif; 4WD | 24537 | |
| | | | RWD; Calif. | 24044 | |
| | | | RWD; Federal; w/Dual Rear Wheels | 24552 | |
| | | | RWD; Federal; w/o Dual Rear Wheels | 24537 | |
| 1991 | L4-2.4 | Upstream | 4WD | 24537 | |
| | | | RWD | 24536 | |
| | | | 4WD | 24111 | |
| | | | Downstream | Calif; Long Bed; RWD | 24551 |
| | | | Calif; Short Bed; RWD | 24538 | |
| | V6-3.0 | Upstream | Calif; Long Bed; 4WD | 24536 | |
| | | | Calif; Short Bed; 4WD | 24539 | |
| | | | RWD; Calif. | 24059 | |
| | | | RWD; Federal; w/14.5" Lead Lgth | 24536 | |
| | | | RWD; Federal; w/20" Lead Lgth | 24111 | |
| 1990 | L4-2.4 | Upstream | 4WD | 24111 | |
| | | | CARB; O2 w/14" Lgth | 24536 | |
| | | | CARB; O2 w/22" Lgth | 24538 | |
| | | | FI; RWD | 24536 | |
| | | | FI; 4WD | 24111 | |
| | Downstream | FI; Calif; Long Bed; RWD | 24551 | | |
| | | FI; Calif; Short Bed; RWD | 24538 | | |
| | | FI; Calif; Long Bed; 4WD | 24536 | | |
| | | FI; Calif; Short Bed; 4WD | 24539 | | |
| | | | | | |
| V6-3.0 | Upstream | RWD; Calif. | 24059 | | |
| | | RWD; Federal; w/14.5" Lead Lgth | 24536 | | |
| | | RWD; Federal; w/20" Lead Lgth | 24111 | | |
| | | 4WD | 24111 | | |
| | | | | | |
| 1989 | L4-2.4 | Upstream | CARB; O2 w/14" Lgth | 24536 | |
| | | | CARB; O2 w/22" Lgth | 24538 | |
| | | | FI; RWD | 24536 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--|------------------------|---------------------------|------------------------------|---------------------------|-------|
| TOYOTA (Cont'd) | | | | | |
| Pickup (incl. Hi-Lux, Stout) (Cont'd) | | | | | |
| 1989 | L4-2.4 | Upstream | FI; 4WD | 24111 | |
| | | | Downstream | FI; Calif; Long Bed; RWD | 24551 |
| | | FI; Calif; Short Bed; RWD | | 24538 | |
| | | FI; Calif; Long Bed; 4WD | | 24536 | |
| | | V6-3.0 | Upstream | FI; Calif; Short Bed; 4WD | 24539 |
| | RWD; w/14.5" Lead Lgth | | | 24536 | |
| | 4WD | 24111 | | | |
| | 1988 | L4-2.4 | Upstream | CARB | 24611 |
| | | | | FI; Turbo | 24105 |
| | | | | FI; Non-Turbo; 4WD | 24112 |
| V6-3.0 | | Upstream | FI; Non-Turbo; RWD | 24118 | |
| | | | 24112 | | |
| 1987-84 | All Engs | Upstream | 1-Lead Flanged O2 (13" Lgth) | 24611 | |
| | | | 1-Lead Flanged O2 (20" Lgth) | 24105 | |
| 1983-79 | All Engs | Upstream | | 24105 | |
| Previa | | | | | |
| 1997-96 | L4-2.4 | Upstream | | 24553 | |
| | | Downstream | | 24553 | |
| 1995-94 | L4-2.4 | Upstream | Supercharged | 24553 | |
| | | | Exc. Supercharged | 24537 | |
| | | Downstream | Supercharged | 24553 | |
| | | | Exc. Supercharged | 24511 | |
| 1993-91 | L4-2.4 | Upstream | | 24537 | |
| | | Downstream | | 24511 | |
| Prius, Prius C, Prius V | | | | | |
| 2017 | L4-1.8 | Upstream | Hatchback | 24828 | |
| | | | Wagon | 24828 | |
| | | Downstream | Hatchback | 24784 | |
| | | | Wagon | 24834 | |
| 2016 | L4-1.5 | Upstream | | 24828 | |
| | | Downstream | | 24471 | |
| | L4-1.8 | Upstream | Hatchback | 24828 | |
| | | | Wagon | 24828 | |
| Downstream | Hatchback | 24784 | | | |
| | Wagon | 24834 | | | |
| 2015-12 | L4-1.5 | Upstream | | 24828 | |
| | | Downstream | | 24471 | |
| | L4-1.8 | Upstream | | 24828 | |
| | | Downstream | | 24834 | |
| 2011 | L4-1.8 | Upstream | | 24828 | |
| | | Downstream | | 24834 | |
| 2010 | L4-1.8 | Upstream | | 24661 | |
| | | Downstream | | 24834 | |
| 2009-04 | L4-1.5 | Upstream | | 24661 | |
| | | Downstream | | 24605 | |
| 2003-01 | L4-1.5 | Upstream | | 24594 | |
| | | Downstream | | 24579 | |
| RAV4 | | | | | |
| 2016 | L4-2.5 | Upstream | Hybrid | 24827 | |
| | | | Gas | 24851 | |
| Downstream | | | 24082 | | |
| | 2015-13 | L4-2.5 | Upstream | 24851 | |
| Downstream | | | 24082 | | |
| 2012-09 | L4-2.5 | Upstream | | 24827 | |
| | | Downstream | | 24456 | |
| | V6-3.5 | Upstream | F | 24662 | |
| | | | R | 24827 | |
| Downstream | F | 24594 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|------------|---------------|---------------|----------|-------|
| TOYOTA (Cont'd) | | | | | |
| RAV4 (Cont'd) | | | | | |
| 2012-09 | V6-3.5 | Downstream | R | 24844 | |
| 2008-06 | L4-2.4 | Upstream | | 24837 | |
| | | Downstream | | 24453 | |
| | V6-3.5 | Upstream | F | 24662 | |
| | | | R | 24827 | |
| | | Downstream | F | 24594 | |
| | | | R | 24844 | |
| 2005-04 | L4-2.4 | Upstream | | 24662 | |
| | | Downstream | | 24236 | |
| 2003-01 | L4-2.0 | Upstream | Cyls. 1 & 4 | 24657 | |
| | | | Cyls. 2 & 3 | 24822 | |
| | Downstream | Cyls. 1 & 4 | 24549 | | |
| | | Cyls. 2 & 3 | 24549 | | |
| 2000-98 | L4-2.0 | Upstream | Calif. | 25697 | |
| | | | Federal | 24594 | |
| Downstream | | | 24555 | | |
| | 1997-96 | L4-2.0 | Upstream | | 24514 |
| Downstream | | | | 24508 | |
| Sequoia | | | | | |
| 2016 | V8-5.7 | Upstream | LH | 24849 | |
| | | | RH | 24849 | |
| | | Downstream | LH | 24780 | |
| | | | RH | 24581 | |
| 2015-14 | V8-5.7 | Upstream | LH | 24849 | |
| | | | RH | 24849 | |
| | | Downstream | LH | FLEX | 24594 |
| | Gas | | 24780 | | |
| | RH | | | 24581 | |
| | | 2013 | V8-5.7 | Upstream | LH |
| RH | 24849 | | | | |
| Downstream | LH | | 24594 | | |
| | RH | | 24581 | | |
| 2012 | V8-4.6 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24594 | |
| | RH | | 24581 | | |
| | V8-5.7 | Upstream | LH | 24849 | |
| | | | RH | 24849 | |
| Downstream | | LH | 24594 | | |
| 2011-10 | V8-4.6 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24594 | |
| | RH | | 24581 | | |
| | V8-5.7 | Upstream | LH | 24833 | |
| | | | RH | 24661 | |
| Downstream | | LH | 24594 | | |
| 2009-08 | All Engs | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24594 | |
| | RH | | 24581 | | |
| | 2007-05 | V8-4.7 | Upstream | LH | 24833 |
| | | | | RH | 24833 |
| Downstream | | LH | 24594 | | |
| | | RH | 24594 | | |
| 2004-01 | V8-4.7 | Upstream | LH | 24560 | |
| | | | RH | 24560 | |
| | | Downstream | LH | 24554 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-------------------------|------------|---------------|---------------|-------------------|-------|
| TOYOTA (Cont'd) | | | | | |
| Sequoia (Cont'd) | | | | | |
| 2004-01 | V8-4.7 | Downstream | RH | 24554 | |
| Sienna | | | | | |
| 2017 | V6-3.5 | Upstream | F | 24662 | |
| | | | R | 24827 | |
| | | Downstream | F | 24784 | |
| | | | R | 24797 | |
| 2016-15 | V6-3.5 | Upstream | F | 24851 | |
| | | | R | 24851 | |
| | | Downstream | F | AWD FWD | 24834 |
| | | | R | | 24687 |
| 2014 | V6-3.5 | Upstream | F | 24851 | |
| | | | R | 24851 | |
| | | Downstream | F | 24677 | |
| | | | R | 24824 | |
| 2013-12 | L4-2.7 | Upstream | | 24850 | |
| | | Downstream | | 24144 | |
| | V6-3.5 | Upstream | F | 24851 | |
| | | | R | 24851 | |
| | Downstream | F | 24677 | | |
| | | R | 24824 | | |
| 2011 | L4-2.7 | Upstream | | 24850 | |
| | | Downstream | | 24144 | |
| | V6-3.5 | Upstream | F | 24662 | |
| | | | R | 24827 | |
| Downstream | F | 24677 | | | |
| | R | 24824 | | | |
| 2010-07 | V6-3.5 | Upstream | F | 24662 | |
| | | | R | 24663 | |
| | | Downstream | F | 24677 | |
| | | | R | 24687 | |
| 2006-04 | V6-3.3 | Upstream | F | 24827 | |
| | | | R | 24663 | |
| | | Downstream | F | 24677 | |
| | | | R | 24687 | |
| 2003-01 | V6-3.0 | Upstream | F | 24658 | |
| | | | R | 24822 | |
| | | Downstream | F | 24689 | |
| | | | R | 24689 | |
| 2000-99 | V6-3.0 | Upstream | F | Calif. Federal | |
| | | | R | Calif. Federal | |
| | | Downstream | F | 25697 | |
| | | | R | 24594 | |
| 1998 | V6-3.0 | Upstream | F | 24594 | |
| | | | R | 24594 | |
| | | Downstream | F | 24605 | |
| | | | R | 24605 | |
| Solara | | | | | |
| 2008-07 | L4-2.4 | Upstream | | 24662 | |
| | | Downstream | | 24453 | |
| | V6-3.3 | Upstream | F | 24827 | |
| | | | R | 24663 | |
| | Downstream | F | 24594 | | |
| | | R | 24564 | | |
| 2006-04 | L4-2.4 | Upstream | | 24662 | |
| | | Downstream | | 24047 | |
| | V6-3.3 | Upstream | F | 24827 | |
| | | | R | 24663 | |
| | Downstream | F | 24594 | | |
| | | R | 24564 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|--------|---------------|-----------------------------|-------------------------|----------------|
| TOYOTA (Cont'd) | | | | | |
| Solara (Cont'd) | | | | | |
| 2003-02 | L4-2.4 | Upstream | | 24657 | |
| | | Downstream | | 24293 | |
| | V6-3.0 | Upstream | F | A/T M/T | 24822 24594 |
| | | | R | A/T M/T | 24822 24594 |
| | | Downstream | F | | 24808 |
| | | | R | | 24808 |
| 2001 | L4-2.2 | Upstream | | 24657 | |
| | | Downstream | | 24808 | |
| | V6-3.0 | Upstream | F | A/T M/T | 24822 24594 |
| | | | R | A/T M/T | 24822 24594 |
| | | Downstream | F | | 24808 |
| | | | R | | 24808 |
| 2000 | L4-2.2 | Upstream | Calif. Federal | 24657 24547 | |
| | | Downstream | | 24808 | |
| | V6-3.0 | Upstream | F | Calif. Federal | 25697 24594 |
| | | | R | Calif. Federal | 25697 24594 |
| | | Downstream | F | | 24808 |
| | | | R | | 24808 |
| 1999 | L4-2.2 | Upstream | Calif. Federal | 24656 24547 | |
| | | Downstream | | 24808 | |
| | V6-3.0 | Upstream | F | Calif. Federal | 25697 24594 |
| | | | R | Calif. Federal | 25697 24594 |
| | | Downstream | F | | 24808 |
| | | | R | | 24808 |
| Starlet | | | | | |
| 1984-81 | L4-1.3 | Upstream | | 24611 | |
| T100 | | | | | |
| 1998 | L4-2.7 | Upstream | A/T M/T | 24554 24595 | |
| | | Downstream | | 24554 | |
| | V6-3.4 | Upstream | | 24554 | |
| | | Downstream | | 24554 | |
| 1997-96 | L4-2.7 | Upstream | A/T M/T | 24554 24595 | |
| | | Downstream | | 24554 | |
| | V6-3.4 | Upstream | A/T M/T; RWD M/T; 4WD | 24554 24552 24554 | |
| | | Downstream | | 24554 | |
| 1995 | L4-2.7 | Upstream | A/T M/T | 24554 24552 | |
| | | Downstream | | 24554 | |
| | V6-3.4 | Upstream | A/T M/T; RWD M/T; 4WD | 24554 24552 24554 | |
| | | | Downstream | | 24554 |
| | | Downstream | Calif; RWD Calif; 4WD | 24553 24555 | |
| | | | Downstream | | 24554 |
| 1994 | L4-2.7 | Upstream | | 24552 | |
| | | Downstream | | 24554 | |
| | V6-3.0 | Upstream | | 24552 | |
| | | Downstream | | 24552 | |
| 1993 | V6-3.0 | Upstream | | 24552 | |
| | | Downstream | Calif. | 24553 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|---------|---------------|---------------------------|--------------------------------------|----------------|
| TOYOTA (Cont'd) | | | | | |
| Tacoma | | | | | |
| 2017-16 | L4-2.7 | Upstream | | 24827 | |
| | | Downstream | | 4WD 24811 | |
| | | | | RWD 24796 | |
| | V6-3.5 | Upstream | LH | 24661 | |
| | | | RH | 24661 | |
| | | Downstream | LH | 24848 | |
| | | | RH | A/T 24811 | |
| | | | M/T 24796 | | |
| | 2015 | L4-2.7 | Upstream | | 24851 |
| | | | Downstream | | 4WD; A/T 24581 |
| | | | 4WD; M/T; To 1/2015 24581 | | |
| | | | RWD; To 1/2015 24780 | | |
| | | | RWD; From 2/2015 24594 | | |
| V6-4.0 | | Upstream | LH | Canada & USA Spec. 24849 | |
| | | | | Mexico Spec. 24661 | |
| | | | RH | Canada & USA Spec. 24849 | |
| | | | | Mexico Spec. 24661 | |
| | | Downstream | LH | Canada & USA Spec; To 1/2015 24780 | |
| | | | | Canada & USA Spec; From 2/2015 24594 | |
| | | | RH | Canada & USA Spec. 24780 | |
| | | | | Mexico Spec. 24594 | |
| 2014-13 | | L4-2.7 | Upstream | | 24851 |
| | | | Downstream | | 4WD 24581 |
| | | | | | RWD 24780 |
| | V6-4.0 | Upstream | LH | Canada & USA Spec. 24849 | |
| | | | | Mexico Spec. 24661 | |
| | | | RH | Canada & USA Spec. 24849 | |
| | | | | Mexico Spec. 24661 | |
| | | Downstream | LH | Canada & USA Spec. 24780 | |
| | | | | Mexico Spec. 24594 | |
| | | | RH | Canada & USA Spec. 24780 | |
| | | | | Mexico Spec. 24594 | |
| 2012 | L4-2.7 | Upstream | | 24827 | |
| | | Downstream | | 4WD 24581 | |
| | | | | RWD 24594 | |
| | V6-4.0 | Upstream | LH | Canada & USA Spec. 24849 | |
| | | | | Mexico Spec. 24661 | |
| | | | RH | Canada & USA Spec. 24849 | |
| | | | | Mexico Spec. 24661 | |
| | | Downstream | LH | Canada & USA Spec. 24780 | |
| | | | | Mexico Spec. 24594 | |
| | | | RH | Canada & USA Spec. 24780 | |
| Mexico Spec. 24594 | | | | | |
| 2011-09 | L4-2.7 | Upstream | | 24827 | |
| | | Downstream | | 4WD 24581 | |
| | | | | RWD 24594 | |
| | V6-4.0 | Upstream | LH | 24661 | |
| | | | RH | 24661 | |
| | | Downstream | LH | 24594 | |
| | | | RH | 24594 | |
| | 2008-05 | L4-2.7 | Upstream | | 24827 |
| | | | Downstream | | 4WD 24581 |
| | | | | | RWD 24594 |
| V6-4.0 | | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24594 | |
| RH | 24594 | | | | |
| 2004-01 | L4-2.4 | Upstream | | 24669 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--------------------------------|--------------------|---------------|-----------------------|-------------------------------|-----------|
| TOYOTA (Cont'd) | | | | | |
| Tacoma (Cont'd) | | | | | |
| 2004-01 | L4-2.4 | Downstream | | 24559 | |
| | | L4-2.7 | Upstream | | 24669 |
| | | | Downstream | | 24559 |
| | V6-3.4 | Upstream | A/T 24669 | | |
| | | | M/T 24670 | | |
| | | Downstream | | 24559 | |
| 2000 | L4-2.4 | Upstream | | 24554 | |
| | | Downstream | | Calif; Ext'd Cab Pickup 24568 | |
| | | | | Calif; Std. Cab Pickup 24559 | |
| | | | | Federal; A/T 24554 | |
| | | | | Federal; M/T 24553 | |
| | L4-2.7 | Upstream | | Calif. 24669 | |
| | | | | Federal 24554 | |
| | | Downstream | | Calif; Ext'd Cab Pickup 24568 | |
| | | | | Calif; Std. Cab Pickup 24559 | |
| | | | | Federal; RWD 24555 | |
| | | | | Federal; 4WD 24554 | |
| | | V6-3.4 | Upstream | Calif; 4WD; A/T 24669 | |
| | | | | Calif; 4WD; M/T 24670 | |
| | Federal; 4WD 24554 | | | | |
| | RWD 24554 | | | | |
| | Downstream | Calif. 24568 | | | |
| Federal; 4WD 24554 | | | | | |
| Federal; DLX; RWD 24575 | | | | | |
| Federal; Pre Runner; RWD 24554 | | | | | |
| 1999 | | L4-2.4 | Upstream | | 24554 |
| | | | Downstream | | A/T 24554 |
| | | | M/T 24553 | | |
| | L4-2.7 | Upstream | | 24554 | |
| | | Downstream | | RWD 24555 | |
| | | | 4WD 24554 | | |
| | V6-3.4 | Upstream | | 24554 | |
| | | Downstream | | 4WD 24554 | |
| | | | | DLX; RWD 24575 | |
| | | | Pre Runner; RWD 24554 | | |
| 1998 | L4-2.4 | Upstream | | 24554 | |
| | | Downstream | | A/T 24554 | |
| | | | | M/T 24553 | |
| | L4-2.7 | Upstream | | 24554 | |
| | | Downstream | | RWD 24555 | |
| | | | 4WD 24554 | | |
| | V6-3.4 | Upstream | | 24554 | |
| | | Downstream | | 4WD 24554 | |
| | | | | DLX; RWD 24554 | |
| | | | Pre Runner; RWD 24575 | | |
| 1997-95 | L4-2.4 | Upstream | | 24554 | |
| | | Downstream | | A/T 24554 | |
| | | | M/T 24553 | | |
| | L4-2.7 | Upstream | | 24554 | |
| | | Downstream | | 24554 | |
| | V6-3.4 | Upstream | | 24554 | |
| Downstream | | 24554 | | | |
| Tercel | | | | | |
| 1999-97 | L4-1.5 | Upstream | | 24508 | |
| | | Downstream | | 24548 | |
| 1996-95 | L4-1.5 | Upstream | | 24594 | |
| | | Downstream | | 24548 | |
| 1994-91 | L4-1.5 | Upstream | | 24511 | |
| 1990-80 | L4-1.5 | Upstream | | 24105 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|------------|---------------|---------------|--------|-------|
| TOYOTA (Cont'd) | | | | | |
| Tundra | | | | | |
| 2017-16 | V8-4.6 | Upstream | LH | 24849 | |
| | | | RH | 24849 | |
| | | Downstream | LH | 24780 | |
| | | | RH | 24581 | |
| | | V8-5.7 | Upstream | LH | 24849 |
| | | | | RH | 24849 |
| | Downstream | LH | 24780 | | |
| | | RH | 24581 | | |
| | 2015 | V8-4.6 | Upstream | LH | 24849 |
| | | | | RH | 24849 |
| | | | Downstream | LH | 24780 |
| | | | | RH | 24581 |
| V8-5.7 | | | Upstream | LH | 24849 |
| | | | | RH | 24849 |
| Downstream | | LH | Flex Gas | 24594 | |
| | | RH | | 24780 | |
| 2014 | | V6-4.0 | Upstream | LH | 24849 |
| | | | | RH | 24849 |
| | | | Downstream | LH | 24780 |
| | | | | RH | 24581 |
| | V8-4.6 | | Upstream | LH | 24849 |
| | | | | RH | 24849 |
| | Downstream | LH | 24780 | | |
| | | RH | 24581 | | |
| | V8-5.7 | Upstream | LH | 24849 | |
| | | | RH | 24849 | |
| | Downstream | LH | Flex Gas | 24594 | |
| | | RH | | 24780 | |
| 2013 | V6-4.0 | Upstream | LH | 24849 | |
| | | | RH | 24849 | |
| | | Downstream | LH | 24780 | |
| | | | RH | 24581 | |
| | | V8-4.6 | Upstream | LH | 24833 |
| | | | | RH | 24833 |
| | Downstream | LH | 24594 | | |
| | | RH | 24581 | | |
| | V8-5.7 | Upstream | LH | 24849 | |
| | | | RH | 24849 | |
| | Downstream | LH | 24594 | | |
| | | RH | 24581 | | |
| 2012 | V6-4.0 | Upstream | LH | 24849 | |
| | | | RH | 24849 | |
| | | Downstream | LH | 24594 | |
| | | | RH | 24581 | |
| | | V8-4.6 | Upstream | LH | 24833 |
| | | | | RH | 24833 |
| | Downstream | LH | 24594 | | |
| | | RH | 24581 | | |
| | V8-5.7 | Upstream | LH | 24849 | |
| | | | RH | 24849 | |
| | Downstream | LH | 24594 | | |
| | | RH | 24581 | | |
| 2011 | V6-4.0 | Upstream | LH | 24849 | |
| | | | RH | 24849 | |
| | | Downstream | LH | 24594 | |
| | V8-4.6 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24594 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|------------------------|------------|---------------|---------------|------------|-------|
| TOYOTA (Cont'd) | | | | | |
| Tundra (Cont'd) | | | | | |
| 2011 | V8-4.6 | Downstream | LH | 24594 | |
| | | | RH | 24581 | |
| | | V8-5.7 | Upstream | LH | 24833 |
| | | | | RH | 24661 |
| | Downstream | LH | 24594 | | |
| | | RH | 24581 | | |
| | 2010 | V6-4.0 | Upstream | LH | 24833 |
| | | | | RH | 24833 |
| | | | Downstream | LH | 24594 |
| | | | | RH | 24581 |
| | | V8-4.6 | Upstream | LH | 24833 |
| | | | | RH | 24833 |
| Downstream | | | LH | 24594 | |
| | | | RH | 24581 | |
| V8-5.7 | | Upstream | LH | 24833 | |
| | | | RH | 24661 | |
| | | Downstream | LH | 24594 | |
| | | | RH | 24581 | |
| 2009-07 | V6-4.0 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24594 | |
| | | | RH | 24581 | |
| | V8-4.7 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24594 | |
| | | | RH | 24581 | |
| | V8-5.7 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24594 | |
| | | | RH | 24581 | |
| 2006-05 | V6-4.0 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24594 | |
| | | | RH | 24594 | |
| | V8-4.7 | Upstream | LH | 24833 | |
| | | | RH | 24833 | |
| | | Downstream | LH | 24594 | |
| | | | RH | 24594 | |
| | 2004-02 | V6-3.4 | Upstream | A/T | 24669 |
| | | | | M/T | 24670 |
| | | Downstream | | 24554 | |
| | | | V8-4.7 | Upstream | LH |
| RH | 24560 | | | | |
| Downstream | LH | 24554 | | | |
| | RH | 24554 | | | |
| 2001 | V6-3.4 | Upstream | A/T | 24669 | |
| | | | M/T | 24670 | |
| | | Downstream | | 24554 | |
| | | | V8-4.7 | Upstream | LH |
| | Calif; M/T | 24670 | | | |
| | Federal | | | 24560 | |
| | | RH | | Calif; A/T | 24669 |
| | Calif; M/T | | 24670 | | |
| | Federal | 24560 | | | |
| | Downstream | LH | 24554 | | |
| | | RH | 24554 | | |
| | 2000 | V6-3.4 | Upstream | Calif; A/T | 24669 |
| Calif; M/T | | | | 24670 | |
| Federal | | | 24554 | | |
| | | Downstream | | 24554 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|------------------------|------------|---------------|---------------|--------|
| TOYOTA (Cont'd) | | | | |
| Tundra (Cont'd) | | | | |
| 2000 | V8-4.7 | Upstream | LH | 24560 |
| | | | RH | 24560 |
| | | Downstream | LH | 24554 |
| | | | RH | 24554 |
| Van, Van Wagon | | | | |
| 1989-88 | L4-2.2 | Upstream | | 24538 |
| | | Downstream | | 24516 |
| 1987 | L4-2.2 | Upstream | A/T | 24105 |
| | | | M/T | 24611 |
| 1986 | L4-2.2 | Upstream | | 24611 |
| 1985-84 | L4-2.0 | Upstream | | 24611 |
| Venza | | | | |
| 2016-15 | L4-2.7 | Upstream | | 24851 |
| | | Downstream | | 24477 |
| | V6-3.5 | Upstream | F | 24851 |
| | | | R | 24851 |
| | | Downstream | F | 24581 |
| | | | R | 24847 |
| 2014-13 | L4-2.7 | Upstream | | 24851 |
| | | Downstream | | 24455 |
| | V6-3.5 | Upstream | F | 24851 |
| | | | R | 24851 |
| Downstream | F | | 24594 | |
| | | R | 24847 | |
| 2012 | L4-2.7 | Upstream | To 5/12 | 24827 |
| | | | From 5/12 | 24851 |
| | Downstream | | 24455 | |
| | V6-3.5 | Upstream | F | 24851 |
| | | | R | 24851 |
| | | Downstream | F | 24594 |
| R | | | 24847 | |
| 2011-09 | L4-2.7 | Upstream | | 24827 |
| | | Downstream | | 24455 |
| | V6-3.5 | Upstream | F | 24662 |
| | | | R | 24827 |
| Downstream | F | | 24594 | |
| | | R | 24847 | |
| Yaris | | | | |
| 2018-16 | L4-1.5 | Upstream | Hatchback | 24828 |
| | | | Sedan | 27067 |
| | | Downstream | Hatchback | 24159 |
| | | | Sedan | 24788 |
| 2015 | L4-1.5 | Upstream | | 24828 |
| | | Downstream | | 24159 |
| 2014-12 | L4-1.5 | Upstream | | 24828 |
| | | Downstream | | 24464 |
| 2011-06 | L4-1.5 | Upstream | | 24661 |
| | | Downstream | | 24579 |
| TRIUMPH | | | | |
| TR7, TR8 | | | | |
| 1982-79 | All Engs | Upstream | | 25572 |
| VOLKSWAGEN | | | | |
| Atlas | | | | |
| 2018 | L4-2.0 | Upstream | | 27055 |
| | | Downstream | To 10/15/2017 | 25766 |
| Beetle | | | | |
| 2016 | L4-1.8 | Upstream | | 27050 |
| | | Downstream | | 25766 |
| | L4-2.0 | Upstream | Gas | 27055 |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------------|--------------------------|-----------------------|---|----------------------------|-------|
| VOLKSWAGEN (Cont'd) | | | | | |
| Beetle (Cont'd) | | | | | |
| 2016 | L4-2.0 | Downstream | Gas | 25766 | |
| 2015 | L4-1.8 | Upstream | | 27050 | |
| | | Downstream | | 25766 | |
| | L4-2.0 | Upstream | Diesel (1 Upstream O2 Only) | 24326 | |
| | | | Gas; Convertible; To 1/18/15 | 27049 | |
| | | | Gas; Convertible; From 1/19/15 | 27055 | |
| | | | Gas; Hatchback; To 12/7/1 | 27049 | |
| Downstream | Gas | 27055 | | | |
| 2014 | L4-1.8 | Upstream | | 27050 | |
| 2014 | L4-1.8 | Downstream | | 25766 | |
| | | L4-2.0 | Upstream | Diesel (CJAA Eng) | 24328 |
| | Gas | | | 27052 | |
| | Downstream | Diesel (CJAA Eng) | | 24342 | |
| | | | Gas | 25766 | |
| | L5-2.5 | Upstream | CBTA Eng | 24342 | |
| CBUA Eng; Loc. in Mnflid | | | 24342 | | |
| Intermediate | | CBUA Eng; Loc. in Cat | | 25657 | |
| | | | Downstream | CBTA Eng | 25657 |
| Downstream | CBUA Eng; Loc. After Cat | | 25657 | | |
| | | | | | |
| 2013 | L4-2.0 | Upstream | Diesel (CJAA Eng) | 24328 | |
| | | | Gas; CBFA Eng; Loc. Before Starter Cat | 24326 | |
| | | | CCTA Eng; Gas | 24326 | |
| | | | CPLA Eng; Gas | 27052 | |
| | | | Intermediate | Gas; CBFA Eng; Loc. in Cat | 25687 |
| | | | Downstream | Diesel (CJAA Eng) | 24342 |
| | L5-2.5 | Upstream | Gas; CBFA Eng; Loc. After Cat | 25657 | |
| | | | CCTA Eng; Gas | 25657 | |
| | | | CPLA Eng; Gas | 25766 | |
| | | | CBTA Eng | 24342 | |
| Intermediate | CBUA Eng; Loc. in Cat | | 25657 | | |
| | | Downstream | CBTA Eng | 25657 | |
| Downstream | CBUA Eng; Loc. After Cat | | 25657 | | |
| | | | | | |
| 2012 | L4-2.0 | Upstream | CBFA Eng; Loc. Before Starter Cat | 24326 | |
| | | | CCTA Eng | 24326 | |
| | | | Intermediate | CBFA Eng; Loc. in Cat | 25687 |
| | | | Downstream | CBFA Eng; Loc. After Cat | 25657 |
| | | | | CCTA Eng | 25657 |
| | | | | | |
| | L5-2.5 | Upstream | CBTA Eng | 24342 | |
| | | | CBUA Eng; Loc. in Mnflid | 24342 | |
| | | | Intermediate | CBUA Eng; Loc. in Cat | 25657 |
| | | | Downstream | CBTA Eng | 25657 |
| Downstream | CBUA Eng; Loc. After Cat | | 25657 | | |
| | | | | | |
| 2010-09 | L5-2.5 | Upstream | BPS Eng | 24347 | |
| | | | BPR Eng; Loc. in Mnflid | 24347 | |
| | | | Intermediate | BPR Eng; Loc. in Cat | 25649 |
| | | | Downstream | BPS Eng | 25604 |
| | | | | BPR Eng; Loc. After Cat | 25604 |
| | | | | | |
| 2008 | L5-2.5 | Upstream | BPR Eng; Convertible; Loc. in Mnflid; To Chassis # 1Y-8-412-896 | 24341 | |
| | | | BPR Eng; Convertible; Loc. in Mnflid; From Chassis # 1Y-8-412-897 | 24347 | |
| | | | BPR Eng; Hatchback; Loc. in Mnflid; To Chassis # 1C-8-514-949 | 24341 | |
| | | | BPR Eng; Hatchback; Loc. in Mnflid; From Chassis # 1C-8-514-950 | 24347 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|----------------------------|------------|-------------------------|---|--------|
| VOLKSWAGEN (Cont'd) | | | | |
| Beetle (Cont'd) | | | | |
| 2008 | L5-2.5 | Upstream | BPS Eng; Convertible; To Chassis # 1Y-8-412-896 | 24341 |
| | | | BPS Eng; Convertible; From Chassis # 1Y-8-412-897 | 24347 |
| | | | BPS Eng; Hatchback; To Chassis # 1C-8-514-949 | 24341 |
| | | | BPS Eng; Hatchback; From Chassis # 1C-8-514-950 | 24347 |
| | | Intermediate | BPR Eng; Loc. in Cat | 25649 |
| | | Downstream | BPR Eng; Loc. After Cat | 25604 |
| | | | BPS Eng | 25604 |
| 2007-06 | L4-1.9 | Upstream | Diesel (1 Upstream O2 Only) | 24341 |
| | L5-2.5 | Upstream | BPR Eng; Loc. in Mnflid | 24341 |
| | | | BPS Eng | 24341 |
| | | Intermediate | BPR Eng; Loc. in Cat | 25649 |
| | Downstream | BPR Eng; Loc. After Cat | 25604 | |
| | | BPS Eng | 25604 | |
| 2005 | L4-1.8 | Upstream | AWP Eng | 24321 |
| | | | BKF, BNU Engs | 24324 |
| | | Downstream | AWP Eng | 25689 |
| | | | BKF, BNU Engs; O2 w/470mm Lead | 25649 |
| | | | BKF, BNU Engs; O2 w/500mm Lead | 25604 |
| | L4-1.9 | Upstream | Diesel (1 Upstream O2 Only) | 24341 |
| | L4-2.0 | Upstream | | 24317 |
| | | Downstream | | 25604 |
| 2004 | L4-1.8 | Upstream | | 24321 |
| | | Downstream | | 25689 |
| | L4-1.9 | Upstream | Diesel (1 Upstream O2 Only) | 24341 |
| | L4-2.0 | Upstream | | 24317 |
| Downstream | | | 25604 | |
| 2003-02 | L4-1.8 | Upstream | | 24321 |
| | | Downstream | | 25689 |
| | L4-2.0 | Upstream | | 24317 |
| Downstream | | | 25604 | |
| 2001 | L4-1.8 | Upstream | | 24321 |
| | | Downstream | APH Eng | 25604 |
| | | | AWV Eng | 25689 |
| | L4-2.0 | Upstream | AEG Eng | 25689 |
| Downstream | | AVH, AZG Engs | 24317 | |
| | | | 25604 | |
| 2000-99 | L4-1.8 | Upstream | | 24321 |
| | | Downstream | | 25604 |
| | L4-2.0 | Upstream | | 25689 |
| | | Downstream | | 25604 |
| 1998 | L4-2.0 | Upstream | | 25689 |
| | | Downstream | | 25604 |
| 1980 | H4-1.6 | Upstream | | 23044 |
| Cabrio, Cabriolet | | | | |
| 2002-00 | L4-2.0 | Upstream | | 25705 |
| | | Downstream | | 25621 |
| 1999-96 | L4-2.0 | Upstream | | 25549 |
| | | Downstream | | 25549 |
| 1995 | L4-2.0 | Upstream | | 25539 |
| 1993-90 | L4-1.8 | Upstream | Calif. | 25504 |
| | | | Federal | 25103 |
| 1989-88 | L4-1.8 | Upstream | | 25040 |
| 1987 | L4-1.8 | Upstream | To VIN Chassis #H-035000 | 23044 |
| | | | From VIN Chassis #H-035001 | 25040 |
| 1986-85 | L4-1.8 | Upstream | | 23044 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|--------------------------------|------------|---------------|-----------------------------------|----------------|
| VOLKSWAGEN (Cont'd) | | | | |
| Campmobile, Transporter | | | | |
| 1993-92 | L5-2.5 | Upstream | | 25504 |
| 1991-86 | H4-2.1 | Upstream | | 25576 |
| 1985 | H4-1.9 | Upstream | Transporter | 25501 |
| 1979 | H4-2.0 | Upstream | | 25501 |
| Corrado | | | | |
| 1995-93 | V6-2.8 | Upstream | | 25539 |
| 1992 | L4-1.8 | Upstream | | 25504 |
| | V6-2.8 | Upstream | | 25539 |
| 1991 | L4-1.8 | Upstream | | 25504 |
| 1990 | L4-1.8 | Upstream | | 25103 |
| Dasher | | | | |
| 1980-79 | L4-1.6 | Upstream | | 23044 |
| Eos | | | | |
| 2016-12 | L4-2.0 | Upstream | CBFA Eng; Loc. Before Starter Cat | 24326 |
| | | | CCTA Eng | 24326 |
| | | Intermediate | CBFA Eng; Loc. in Cat | 25687 |
| | | Downstream | CBFA Eng; Loc. After Cat | 25657 |
| CCTA Eng | 25657 | | | |
| 2011-10 | L4-2.0 | Upstream | CBFA Eng; Loc. Before Starter Cat | 24326 |
| | | | CCTA Eng | 24326 |
| | | Intermediate | CBFA Eng; Loc. in Cat | 25656 |
| | | Downstream | CBFA Eng; Loc. After Cat | 25675 |
| CCTA Eng | 25675 | | | |
| 2009 | L4-2.0 | Upstream | BPY, CCTA Engs | 24326 |
| | | | CBFA Eng; Loc. Before Starter Cat | 24326 |
| | | Intermediate | CBFA Eng; Loc. in Cat | 25656 |
| | | Downstream | BPY, CCTA Engs | 25675 |
| CBFA Eng; Loc. After Cat | 25675 | | | |
| 2008-07 | L4-2.0 | Upstream | | 24326 |
| | | Downstream | | 25675 |
| | V6-3.2 | Upstream | LH | 24323 |
| | | | RH | 24326 |
| | Downstream | LH | 25725 | |
| | | RH | 25675 | |
| EuroVan | | | | |
| 2003-01 | V6-2.8 | Upstream | | 24321 |
| | | Downstream | | 25621 |
| 2000-99 | V6-2.8 | Upstream | | 25550 |
| | | Downstream | | 25644 |
| 1997 | V6-2.8 | Upstream | | 25550 |
| | | Downstream | | 25644 |
| 1996-92 | L5-2.5 | Upstream | | 25504 |
| Fox | | | | |
| 1993-91 | L4-1.8 | Upstream | Calif. Federal | 25504 25103 |
| 1990-88 | L4-1.8 | Upstream | | 25040 |
| 1987 | L4-1.8 | Upstream | UM Eng | 23044 |
| | | | To 6/87; JN Eng | 23044 |
| | | | From 6/87; JN Eng | 25040 |
| Golf, GTI, R32 | | | | |
| 2016 | L4-1.8 | Upstream | | 27056 |
| | | Downstream | | 25766 |
| | L4-2.0 | Upstream | | 27055 |
| | | Downstream | | 25766 |
| 2015 | L4-1.8 | Upstream | | 27056 |
| | | Downstream | | 25766 |
| | L4-2.0 | Upstream | Diesel (1 Upstream O2 Only) | 24326 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--------------------------------|-------------------------------------|--------------------------|--|--|-------|
| VOLKSWAGEN (Cont'd) | | | | | |
| Golf, GTI, R32 (Cont'd) | | | | | |
| 2015 | L4-2.0 | Upstream | Gas | 27055 | |
| | | Downstream | Gas | 25766 | |
| 2014 | L4-2.0 | Upstream | Diesel; CJAA Eng | 24328 | |
| | | | Gas; CBFA Eng; Loc. Before Starter Cat | 24326 | |
| | | | Gas; CCTA Eng | 24326 | |
| | | Intermediate | Gas; CBFA Eng; Loc. in Cat | 25687 | |
| | | Downstream | Diesel; CJAA Eng | 24342 | |
| | | | Gas; CBFA Eng; Loc. After Cat | 25657 | |
| | | Gas; CCTA Eng | 25657 | | |
| | L5-2.5 | Upstream | CBTA Eng | 24342 | |
| | | | CBUA Eng; Loc. in Mnfl'd | 24342 | |
| | | | Intermediate | CBUA Eng; Loc. in Cat | 25687 |
| | Downstream | CBTA Eng | 25657 | | |
| | | CBUA Eng; Loc. After Cat | 25657 | | |
| | 2013-12 | L4-2.0 | Upstream | Diesel; CJAA Eng | 24328 |
| | | | | Gas; CBFA Eng; Loc. Before Starter Cat | 24326 |
| Gas; CCTA, CRZA Eng | | | | 24326 | |
| Intermediate | | | Gas; CBFA Eng; Loc. in Cat | 25687 | |
| Downstream | | | Diesel; CJAA Eng | 24342 | |
| | | | Gas; CBFA Eng; Loc. After Cat | 25657 | |
| | | Gas; CCTA Eng | 25657 | | |
| | | Gas; CRZA Eng | 25687 | | |
| L5-2.5 | | Upstream | CBTA Eng | 24342 | |
| | | | CBUA Eng; Loc. in Mnfl'd | 24342 | |
| | | | Intermediate | CBUA Eng; Loc. in Cat | 25687 |
| Downstream | | CBTA Eng | 25657 | | |
| | CBUA Eng; Loc. After Cat | 25657 | | | |
| 2011 | L4-2.0 | Upstream | Diesel; CJAA Eng | 24328 | |
| | | | Gas; CBFA Eng; Loc. Before Starter Cat | 24326 | |
| | | | Gas; CCTA Eng | 24326 | |
| | | Intermediate | Gas; CBFA Eng; Loc. in Cat | 25656 | |
| | | Downstream | Diesel; CJAA Eng | 24342 | |
| | | | Gas; CBFA Eng; Loc. After Cat | 25675 | |
| | | Gas; CCTA Eng | 25675 | | |
| | L5-2.5 | Upstream | CBTA Eng | 24342 | |
| | | | CBUA Eng; Loc. in Mnfl'd | 24342 | |
| | | | Intermediate | CBUA Eng; Loc. in Cat | 25657 |
| Downstream | | | CBTA Eng; Hatchback | 25668 | |
| | CBTA Eng; Wagon | 25657 | | | |
| | CBUA Eng; Hatchback; Loc. After Cat | 25668 | | | |
| | CBUA Eng; Wagon; Loc. After Cat | 25657 | | | |
| 2010 | L4-2.0 | Upstream | Diesel; CJAA Eng | 24328 | |
| | | | Gas; BEV Eng | 24317 | |
| | | | Gas; CBFA Eng; Loc. Before Starter Cat | 24326 | |
| | | | Gas; CCTA Eng | 24326 | |
| | | Intermediate | Gas; CBFA Eng; Loc. in Cat | 25656 | |
| | | Downstream | Diesel; CJAA Eng | 24342 | |
| | | | Gas; BEV Eng | 25604 | |
| | | | Gas; CBFA Eng; Loc. After Cat | 25675 | |
| | | Gas; CCTA Eng | 25675 | | |
| | L5-2.5 | Upstream | CBTA Eng | 24342 | |
| | | | CBUA Eng; Loc. in Mnfl'd | 24342 | |
| | | | Intermediate | CBUA Eng; Loc. in Cat | 25657 |
| | | | Downstream | CBTA Eng; Hatchback | 25668 |
| | | | | CBTA Eng; Wagon | 25657 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-----------------------------------|------------|---------------|--------------------------------------|---------|
| VOLKSWAGEN (Cont'd) | | | | |
| Golf, GTI, R32 (Cont'd) | | | | |
| 2010 | L5-2.5 | Downstream | CBUA Eng; Hatchback; Loc. After Cat | 25668 |
| | | | CBUA Eng; Wagon; Loc. After Cat | 25657 |
| 2009 | L4-2.0 | Upstream | BEV Eng | 24317 |
| | | | CBFA Eng; Loc. Before Starter Cat | 24326 |
| | | | CCTA Eng | 24326 |
| | | Intermediate | CBFA Eng; Loc. in Cat | 25656 |
| | | Downstream | BEV Eng | 25604 |
| | | | CBFA Eng; Loc. After Cat | 25675 |
| | | CCTA Eng | 25675 | |
| | 2008 | L4-2.0 | Upstream | BEV Eng |
| CBFA Eng; Loc. Before Starter Cat | | | | 24326 |
| BPY, CCTA Eng | | | | 24326 |
| Intermediate | | | CBFA Eng; Loc. in Cat | 25656 |
| Downstream | | | BEV Eng | 25604 |
| | | | CBFA Eng; Loc. After Cat | 25675 |
| | | BPY, CCTA Eng | 25675 | |
| V6-3.2 | | Upstream | LH | 24323 |
| | | | RH | 24326 |
| | | Downstream | LH | 25725 |
| | RH | | 25675 | |
| 2007 | L4-2.0 | Upstream | Turbo | 24326 |
| | | | Non-Turbo | 24317 |
| | Downstream | Turbo | 25675 | |
| | | Non-Turbo | 25604 | |
| 2006 | L4-1.8 | Upstream | 24321 | |
| | | Downstream | 25689 | |
| | L4-1.9 | Upstream | Diesel (1 Upstream O2 Only) | 24341 |
| | L4-2.0 | Upstream | Turbo | 24326 |
| | | Non-Turbo | 24317 | |
| | Downstream | Turbo | 25675 | |
| | Non-Turbo | 25604 | | |
| 2005 | L4-1.8 | Upstream | 24321 | |
| | | Downstream | 25689 | |
| | L4-1.9 | Upstream | Diesel (1 Upstream O2 Only) | 24341 |
| | L4-2.0 | Upstream | 24317 | |
| | | Downstream | 25604 | |
| | V6-2.8 | Upstream | 24321 | |
| Downstream | | 25728 | | |
| 2004 | L4-1.8 | Upstream | 24321 | |
| | | Downstream | 25689 | |
| | L4-1.9 | Upstream | Diesel (1 Upstream O2 Only); BEW Eng | 24341 |
| | | Downstream | 24317 | |
| | L4-2.0 | Upstream | 25604 | |
| | | Downstream | 24321 | |
| | V6-2.8 | Upstream | 24321 | |
| | | Downstream | 25728 | |
| | V6-3.2 | Upstream | LH | 24318 |
| | | | RH | 24321 |
| Downstream | | LH | 25621 | |
| | | RH | 25723 | |
| 2003 | L4-1.8 | Upstream | 24321 | |
| | | Downstream | 25689 | |
| | L4-2.0 | Upstream | 24317 | |
| | | Downstream | 25604 | |
| | V6-2.8 | Upstream | 24321 | |
| | | Downstream | 25728 | |
| 2002 | L4-1.8 | Upstream | 24321 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--------------------------------|------------|------------------------------------|----------------------------------|----------------------------------|-------|
| VOLKSWAGEN (Cont'd) | | | | | |
| Golf, GTI, R32 (Cont'd) | | | | | |
| 2002 | L4-1.8 | Downstream | | 25689 | |
| | | Upstream | | 24317 | |
| 2001 | L4-2.0 | Downstream | | 25604 | |
| | | Upstream | | 24321 | |
| | V6-2.8 | Upstream | AFP Eng | 25689 | |
| | | Downstream | BDF Eng | 25728 | |
| 2000 | L4-1.8 | Upstream | AWD Eng | 25689 | |
| | | | AWW Eng | 24321 | |
| | | Downstream | AWD Eng | 25604 | |
| | | | AWW Eng | 25689 | |
| | L4-2.0 | Upstream | AEG Eng | 25689 | |
| | | Downstream | AVH, AZG Engs | 24317 | |
| | V6-2.8 | Upstream | | 25604 | |
| | | Downstream | | 25604 | |
| | 1999 | L4-1.8 | Upstream | AWD Eng | 25689 |
| | | | | AWW Eng | 24321 |
| Downstream | | | AWD Eng | 25604 | |
| | | | AWW Eng | 25689 | |
| L4-2.0 | | Upstream | AWD Eng | 25689 | |
| | | | AWW Eng | 24321 | |
| | | | AWD Eng | 25604 | |
| | | | AWW Eng | 25689 | |
| | | Downstream | AWD Eng | 25604 | |
| | | | AWW Eng | 25689 | |
| V6-2.8 | Upstream | AAA Eng | 25550 | | |
| | | AFP Eng | 24321 | | |
| | Downstream | AAA Eng | 25549 | | |
| | | AFP Eng | 25689 | | |
| 1998-97 | L4-1.8 | Upstream | 2 Pin Plug (1-Wire w/Grd. Strap) | 25139 | |
| | | | 4 Pin Plug (3-Wire w/Grd. Strap) | 25103 | |
| | | L4-2.0 | Upstream | Canada; To Chassis #1H-V-999 000 | 25539 |
| | | | | USA | 25549 |
| | Downstream | Canada; From Chassis #1H-W-000 001 | 25549 | | |
| | | USA | 25549 | | |
| | | Canada; From Chassis #1H-W-000 001 | 25549 | | |
| | | USA | 25549 | | |
| | V6-2.8 | Upstream | | 25550 | |
| | | Downstream | | 25549 | |
| | 1996 | L4-1.8 | Upstream | 2 Pin Plug (1-Wire w/Grd. Strap) | 25139 |
| | | | | 4 Pin Plug (3-Wire w/Grd. Strap) | 25103 |
| L4-2.0 | | Upstream | To Chassis #1H-S-999 000 | 25539 | |
| | | | From Chassis #1H-T-000 001; USA | 25549 | |
| Downstream | | From Chassis #1H-T-000 001; USA | 25549 | | |
| | | | | | |
| V6-2.8 | | Upstream | | 25550 | |
| | | Downstream | | 25549 | |
| 1995 | L4-1.8 | Upstream | 2 Pin Plug (1-Wire w/Grd. Strap) | 25139 | |
| | | | 4 Pin Plug (3-Wire w/Grd. Strap) | 25103 | |
| | L4-2.0 | Upstream | | 25539 | |
| | | | | | |
| V6-2.8 | Upstream | | 25550 | | |
| | | | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--------------------------------|--------------|-----------------------------------|---|----------------|-------|
| VOLKSWAGEN (Cont'd) | | | | | |
| Golf, GTI, R32 (Cont'd) | | | | | |
| 1994-93 | L4-1.8 | Upstream | 2 Pin Plug (1-Wire w/Grd. Strap) | 25139 | |
| | | | 4 Pin Plug (3-Wire w/Grd. Strap) | 25103 | |
| 1992-91 | L4-2.0 | Upstream | | 25539 | |
| | | | | | |
| 1990-88 | All Engs | Upstream | Calif. | 25504 | |
| | | | Federal | 25574 | |
| 1987 | All Engs | Upstream | | 25040 | |
| | | | | | |
| 1986-85 | All Engs | Upstream | 3-Wire; w/1 Plug | 25574 | |
| | | | 3-Wire; w/2 Plugs | 25040 | |
| 1987 | All Engs | Upstream | 1-Wire | 23044 | |
| | | | 3-Wire | 25040 | |
| 1986-85 | All Engs | Upstream | 1-Wire | 25040 | |
| | | | 3-Wire | 23044 | |
| Jetta | | | | | |
| 2016 | L4-1.4 | Upstream | Hybrid; Loc. in Mnflid | 24326 | |
| | | | Gas | 27040 | |
| | | Intermediate | Hybrid; Loc. in Cat | 25767 | |
| | Downstream | | Hybrid; Loc. After Cat | 25764 | |
| | L4-1.8 | Upstream | | 25237 | |
| | | | Downstream | Gas | 27050 |
| | L4-2.0 | Upstream | | 25766 | |
| | | | Downstream | | 27055 |
| | 2015 | L4-1.4 | Upstream | Loc. in Mnflid | 24326 |
| | | | | Loc. in Cat. | 25767 |
| L4-1.8 | Upstream | Loc. After Cat. | 25764 | | |
| | | Downstream | | 27050 | |
| 2014 | L4-2.0 | Upstream | Diesel (1 Upstream O2 Only) | 25766 | |
| | | | Gas; Turbo; To 12/7/14 | 24326 | |
| | Downstream | Gas; Turbo; From 12/8/14 | 27049 | | |
| | | Gas; Non-Turbo; CBPA Eng | 27055 | | |
| | L4-1.4 | Upstream | Gas; Non-Turbo; CBPA Eng | 24348 | |
| | | | Gas; Turbo | 25766 | |
| L4-1.4 | Upstream | Gas; Non-Turbo; CBPA Eng | 25657 | | |
| | | Loc. in Mnflid | 24326 | | |
| L4-1.8 | Upstream | Loc. in Cat. | 25767 | | |
| | | Loc. After Cat. | 25764 | | |
| 2013 | L4-2.0 | Upstream | Diesel; CJAA Eng | 27050 | |
| | | | Gas; Turbo | 24328 | |
| | Downstream | Gas; Non-Turbo; CBPA Eng | 24348 | | |
| | | Diesel; CJAA Eng | 24342 | | |
| | L5-2.5 | Upstream | Gas; Turbo | 25766 | |
| | | | Gas; Non-Turbo; CBPA Eng | 25657 | |
| L4-2.0 | Upstream | Gas; Non-Turbo; CBPA Eng | 24342 | | |
| | | Gas; Turbo | 24342 | | |
| L4-1.4 | Upstream | CBTA Eng | 24342 | | |
| | | CBUA Eng; Loc. in Mnflid | 24342 | | |
| L4-1.8 | Upstream | CBUA Eng; Loc. in Cat | 25657 | | |
| | | CBTA Eng | 25657 | | |
| L4-2.0 | Upstream | CBUA Eng; Loc. After Cat | 25657 | | |
| | | Loc. in Mnflid | 24326 | | |
| L4-1.4 | Upstream | Loc. in Cat. | 25767 | | |
| | | Loc. After Cat. | 25764 | | |
| 2013 | L4-2.0 | Upstream | Diesel; CJAA Eng | 24326 | |
| | | | Gas; Turbo; CBFA Eng; Loc. Before Starter Cat | 24326 | |
| | Intermediate | Gas; Turbo; CCTA Eng | 24326 | | |
| | | Gas; Turbo; CPLA Eng | 27052 | | |
| | Downstream | Gas; Non-Turbo; CBPA Eng | 24348 | | |
| | | Gas; Turbo; CBFA Eng; Loc. in Cat | 25687 | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------------|-----------------------------------|--------------------------|---|-----------------------|-------|
| VOLKSWAGEN (Cont'd) | | | | | |
| Jetta (Cont'd) | | | | | |
| 2013 | L4-2.0 | Downstream | Diesel; CJAA Eng | 24342 | |
| | | | Gas; Turbo; CBFA Eng; Loc. After Cat | 25657 | |
| | | | Gas; Turbo; CCTA Eng | 25657 | |
| | | | Gas; Turbo; CPLA Eng | 25766 | |
| | | | Gas; Non-Turbo; CBPA Eng | 25657 | |
| | | | Gas; Turbo; CBFA Eng; Loc. Before Starter Cat | 25657 | |
| | L5-2.5 | Upstream | CBTA Eng | 24342 | |
| | | | CBUA Eng; Loc. in Mnfl | 24342 | |
| | | | Intermediate | CBUA Eng; Loc. in Cat | 25657 |
| | | | Downstream | CBTA Eng | 25657 |
| | | | CBUA Eng; Loc. After Cat | 25657 | |
| | | | CBUA Eng; Loc. After Cat | 25657 | |
| 2012 | L4-2.0 | Upstream | Diesel; CJAA Eng | 24328 | |
| | | | Gas; Turbo; CBFA Eng; Loc. Before Starter Cat | 24326 | |
| | | | Gas; Turbo; CCTA Eng | 24326 | |
| | | | Gas; Non-Turbo; CBPA Eng | 24348 | |
| | | Intermediate | Gas; Turbo; CBFA Eng; Loc. in Cat | 25687 | |
| | | Downstream | Diesel; CJAA Eng | 24342 | |
| | | | Gas; Turbo; CBFA Eng; Loc. After Cat | 25657 | |
| | | | Gas; Turbo; CCTA Eng | 25657 | |
| | | | Gas; Non-Turbo; CBPA Eng | 25657 | |
| | Gas; Turbo; CBFA Eng; Loc. in Cat | | 25687 | | |
| | L5-2.5 | Upstream | CBTA Eng | 24342 | |
| | | | CBUA Eng; Loc. in Mnfl | 24342 | |
| | | | Intermediate | CBUA Eng; Loc. in Cat | 25657 |
| | | Downstream | CBTA Eng | 25657 | |
| | | | CBUA Eng; Loc. After Cat | 25657 | |
| | | | CBTA Eng | 25657 | |
| | | | CBUA Eng; Loc. After Cat | 25657 | |
| | | | CBTA Eng | 25657 | |
| CBUA Eng; Loc. After Cat | | | 25657 | | |
| 2011 | L4-2.0 | Upstream | Diesel | 24328 | |
| | | | Gas | 24348 | |
| | | Downstream | Diesel | 24342 | |
| | L5-2.5 | Upstream | CBTA Eng | 24342 | |
| | | | CBUA Eng; Loc. in Mnfl | 24342 | |
| | | | Intermediate | CBUA Eng; Loc. in Cat | 25657 |
| Downstream | | CBTA Eng | 25657 | | |
| | | CBUA Eng; Loc. After Cat | 25657 | | |
| | | CBUA Eng; Loc. After Cat | 25657 | | |
| 2010 | L4-2.0 | Upstream | Diesel; CJAA Eng | 24328 | |
| | | | Gas; CBFA Eng; Loc. Before Starter Cat | 24326 | |
| | | | Gas; CCTA Eng | 24326 | |
| | | Intermediate | Gas; CBFA Eng; Loc. in Cat | 25656 | |
| | | Downstream | Diesel; CJAA Eng | 24342 | |
| | | | Gas; CBFA Eng; Loc. After Cat | 25675 | |
| | Gas; CCTA Eng | | 25675 | | |
| | L5-2.5 | Upstream | CBTA Eng | 24342 | |
| | | | CBUA Eng; Loc. in Mnfl | 24342 | |
| | | | Intermediate | CBUA Eng; Loc. in Cat | 25657 |
| | | Downstream | CBTA Eng | 25657 | |
| | | | CBUA Eng; Loc. After Cat | 25657 | |
| CBUA Eng; Loc. After Cat | | | 25657 | | |
| 2009 | L4-2.0 | Upstream | Diesel; CBEA Eng | 24328 | |
| | | | Gas; BEV Eng | 24317 | |
| | | | Gas; CBFA Eng; Loc. Before Starter Cat | 24326 | |
| | | Intermediate | Gas; CBFA Eng; Loc. in Cat | 25656 | |
| | | | Downstream | Diesel; CBEA Eng | 24342 |
| | | | | Gas; BEV Eng | 25604 |
| | Gas; CBFA Eng; Loc. After Cat | 25675 | | | |
| | L5-2.5 | Upstream | CBTA Eng | 24342 | |
| | | | CBUA Eng; Loc. in Mnfl | 24342 | |
| | | | Gas; CBFA Eng; Loc. After Cat | 25675 | |
| | | Downstream | CBTA Eng | 25657 | |
| | | | CBUA Eng; Loc. After Cat | 25657 | |
| CBUA Eng; Loc. After Cat | | | 25657 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|--|--------------------------|--------------------------------------|--|--|----------|--------------------------------------|
| VOLKSWAGEN (Cont'd) | | | | | | |
| Jetta (Cont'd) | | | | | | |
| 2009 | L5-2.5 | Intermediate | CBUA Eng; Loc. in Cat | 25657 | | |
| | | Downstream | CBTA Eng | 25668 | | |
| | | | CBUA Eng; Loc. After Cat | 25668 | | |
| 2008 | L4-2.0 | Upstream | BEV Eng | 24317 | | |
| | | | BPY, CCTA Engs | 24326 | | |
| | | | CBFA Eng; Loc. Before Starter Cat | 24326 | | |
| | | Intermediate | CBFA Eng; Loc. in Cat | 25656 | | |
| | | | Downstream | BEV Eng | 25604 | |
| | | | | BPY, CCTA Engs | 25675 | |
| | CBFA Eng; Loc. After Cat | 25675 | | | | |
| | L5-2.5 | Upstream | CBTA Eng | 24342 | | |
| | | | CBUA Eng; Loc. in Mnfl | 24342 | | |
| | | | Intermediate | CBUA Eng; Loc. in Cat | 25657 | |
| | | Downstream | CBTA Eng | 25668 | | |
| | | | CBUA Eng; Loc. After Cat | 25668 | | |
| CBUA Eng; Loc. After Cat | | | 25668 | | | |
| 2007 | L4-2.0 | Upstream | Turbo; BPY Eng | 24326 | | |
| | | | Non-Turbo; BEV Eng | 24317 | | |
| | | | Downstream | Turbo; BPY Eng | 25675 | |
| | | L5-2.5 | Upstream | Non-Turbo; BEV Eng | 25604 | |
| | | | | BGP Eng | 24342 | |
| | | | | BGQ Eng; Loc. in Mnfl | 24342 | |
| | Intermediate | BGQ Eng; Loc. in Cat | 25657 | | | |
| | | Downstream | BGP Eng | 25668 | | |
| | | | BGQ Eng; Loc. After Cat | 25668 | | |
| | | | 2006 | L4-1.9 | Upstream | Diesel (1 Upstream O2 Only); BRM Eng |
| | | Diesel (1 Upstream O2 Only); BEW Eng | | | | 24341 |
| | | L4-2.0 | | | Upstream | |
| Downstream | | | | 25675 | | |
| L5-2.5 | Upstream | | | BGP Eng | 24342 | |
| | | BGQ Eng; Loc. in Mnfl | | 24342 | | |
| | | Intermediate | BGQ Eng; Loc. in Cat | 25657 | | |
| | Downstream | BGP Eng | 25668 | | | |
| | | BGQ Eng; Loc. After Cat | 25668 | | | |
| | | BGQ Eng; Loc. After Cat | 25668 | | | |
| 2005 | L4-1.8 | Upstream | | 24321 | | |
| | | | Downstream | Sedan | 25622 | |
| | | Wagon | 25689 | | | |
| | L4-1.9 | Upstream | Diesel (1 Upstream O2 Only); BRM Eng | 24326 | | |
| | | | Diesel (1 Upstream O2 Only); BEW Eng | 24341 | | |
| | | L4-2.0 | Upstream | BEV Eng | 25705 | |
| | BBW Eng; Loc. in Mnfl | | | 24317 | | |
| | Intermediate | | | BBW Eng; Loc. in Cat | 25649 | |
| | Downstream | | BEV Eng | 25604 | | |
| | | | BBW Eng; Loc. After Cat | 25604 | | |
| | | | BBW Eng; Loc. After Cat | 25604 | | |
| | L5-2.5 | Upstream | BGP Eng | 24342 | | |
| BGQ Eng; Loc. in Mnfl | | | 24342 | | | |
| Intermediate | | | BGQ Eng; Loc. in Cat | 25657 | | |
| Downstream | | BGP Eng | 25668 | | | |
| | | BGQ Eng; Loc. After Cat | 25668 | | | |
| | | BGQ Eng; Loc. After Cat | 25668 | | | |
| 2004 | L4-1.8 | Upstream | | 24321 | | |
| | | | Downstream | Sedan | 25622 | |
| | | Wagon | 25689 | | | |
| | L4-1.9 | Upstream | Diesel (1 Upstream O2 Only); BEW Eng | 24341 | | |
| | | | AVH, AZG, BEV Eng; To Chassis # 9M-3-999-000 | 24317 | | |
| | | L4-2.0 | Upstream | AVH, AZG, BEV Eng; From Chassis # 9M-4-000-001 | 25705 | |
| AVH, AZG, BEV Eng; To Chassis # 9M-3-999-000 | 24317 | | | | | |
| Downstream | | | 25705 | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|----------------------------|------------------------------------|---------------|---|---|------------------------------------|-------|
| VOLKSWAGEN (Cont'd) | | | | | | |
| Jetta (Cont'd) | | | | | | |
| 2004 | L4-2.0 | Upstream | BBW Eng; Loc. in Mnfd | 24317 | | |
| | | Intermediate | BBW Eng; Loc. in Cat | 25649 | | |
| | | Downstream | AVH, AZG, BEV Engs | 25604 | | |
| | BBW Eng; Loc. After Cat | | 25604 | | | |
| | V6-2.8 | Upstream | | 24321 | | |
| | | Downstream | | 25728 | | |
| 2003 | L4-1.8 | Upstream | | 24321 | | |
| | | Downstream | Sedan | 25622 | | |
| | Wagon | | 25689 | | | |
| | L4-2.0 | Upstream | AVH, AZG, BEV Engs | 24317 | | |
| | | | BBW Eng; Loc. in Mnfd | 24317 | | |
| | | Intermediate | BBW Eng; Loc. in Cat | 25649 | | |
| | | Downstream | AVH, AZG, BEV Engs | 25604 | | |
| | BBW Eng; Loc. After Cat | | 25604 | | | |
| | V6-2.8 | Upstream | | 24321 | | |
| | | Downstream | | 25728 | | |
| | 2002 | L4-1.8 | Upstream | | 24321 | |
| | | | Downstream | Sedan | 25622 | |
| Wagon | | | | 25689 | | |
| L4-2.0 | | Upstream | | 24317 | | |
| | | Downstream | | 25604 | | |
| V6-2.8 | | Upstream | | 24321 | | |
| | | Downstream | AFP Eng; Sedan | 25622 | | |
| | | | AFP Eng; Wagon | 25689 | | |
| BDF Eng | | | 25728 | | | |
| 2001-00 | | L4-1.8 | Upstream | AWD Eng | 25622 | |
| | | | | AWW Eng | 24321 | |
| | | | Downstream | AWD Eng | 25604 | |
| | AWW Eng | | | 25622 | | |
| | L4-2.0 | Upstream | AVH, AZG Engs | 24317 | | |
| | | Downstream | AEG Eng | 25622 | | |
| | V6-2.8 | Upstream | | 24321 | | |
| | | Downstream | | 25622 | | |
| | 1999 | L4-2.0 | Upstream | ABA Eng; Canada; To Chassis #1H-V-999 000 | 25539 | |
| | | | | ABA Eng; Canada; From Chassis #1H-W-000 001 | 25549 | |
| | | | | ABA Eng; USA | 25549 | |
| | | | | AEG Eng | 25622 | |
| Downstream | | | ABA Eng; Canada; From Chassis #1H-W-000 001 | 25549 | | |
| | | | ABA Eng; USA | 25549 | | |
| V6-2.8 | | Upstream | AFP Eng | 24321 | | |
| | | | AAA Eng | 25550 | | |
| | | | Downstream | AFP Eng | 25622 | |
| | | | AAA Eng | 25549 | | |
| | | 1998-97 | L4-2.0 | Upstream | Canada; To Chassis #1H-V-999 000 | 25539 |
| | | | | | Canada; From Chassis #1H-W-000 001 | 25549 |
| USA | 25549 | | | | | |
| Downstream | Canada; From Chassis #1H-W-000 001 | | | 25549 | | |
| | USA | | 25549 | | | |
| V6-2.8 | Upstream | | | 25550 | | |
| | Downstream | | 25549 | | | |
| 1996 | L4-2.0 | Upstream | To Chassis #1H-S-999 000 | 25539 | | |
| | | | From Chassis #1H-T-000 001; USA | 25549 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------------|-------------------------------|----------------------------|---|--|-------|
| VOLKSWAGEN (Cont'd) | | | | | |
| Jetta (Cont'd) | | | | | |
| 1996 | L4-2.0 | Downstream | From Chassis #1H-T-000 001; USA | 25549 | |
| | | V6-2.8 | Upstream | To Chassis #1H-S-999 000 | 25539 |
| | | | From Chassis #1H-T-000 001 | 25550 | |
| | Downstream | From Chassis #1H-T-000 001 | 25549 | | |
| 1995 | | L4-1.8 | Upstream | 2 Pin Plug (1-Wire w/Grd. Strap) | 25139 |
| | | | 4 Pin Plug (3-Wire w/Grd. Strap) | 25103 | |
| | L4-2.0 | Upstream | | 25539 | |
| V6-2.8 | | Upstream | | 25550 | |
| 1994 | L4-1.8 | Upstream | 2 Pin Plug (1-Wire w/Grd. Strap) | 25139 | |
| | | | 4 Pin Plug (3-Wire w/Grd. Strap) | 25103 | |
| | L4-2.0 | Upstream | | 25539 | |
| | | V6-2.8 | Upstream | | 25539 |
| 1993 | L4-1.8 | Upstream | 2 Pin Plug (1-Wire w/Grd. Strap) | 25139 | |
| | | | 4 Pin Plug (3-Wire w/Grd. Strap) | 25103 | |
| | L4-2.0 | Upstream | | 25539 | |
| 1992 | L4-1.8 | Upstream | PF Eng | 25574 | |
| | | | Calif; RV Eng | 25504 | |
| | | | Federal; RV Eng | 25574 | |
| L4-2.0 | Upstream | | 25040 | | |
| 1991 | L4-1.8 | Upstream | PF Eng | 25574 | |
| | | | Calif; To Chassis #1G-M-020 635; RV Eng | 25574 | |
| | | | Calif; From Chassis #1G-M-020 636; RV Eng | 25504 | |
| | | | Federal; RV Eng | 25574 | |
| L4-2.0 | Upstream | | 25040 | | |
| 1990-87 | All Engs | Upstream | 3-Wire; w/1 Plug | 25574 | |
| | | | 3-Wire; w/2 Plugs | 25040 | |
| 1986-85 | All Engs | Upstream | 1-Wire | 23044 | |
| | | | 3-Wire | 25040 | |
| 1984-80 | All Engs | Upstream | | 23044 | |
| Passat, Passat CC | | | | | |
| 2017 | L4-2.0 | Upstream | CBFA Eng; Loc. Before Starter Cat | 24326 | |
| | | | CCTA Eng | 24326 | |
| | | Downstream | Intermediate | CBFA Eng; Loc. in Cat | 25687 |
| | | | Downstream | CBFA Eng; Loc. After Cat | 25657 |
| | | CCTA Eng | 25657 | | |
| 2016 | L4-1.8 | Upstream | | 27050 | |
| | | Downstream | | 25766 | |
| | L4-2.0 | Upstream | | CBFA Eng; Loc. Before Starter Cat | 24326 |
| | | | | CCTA Eng | 24326 |
| | | Downstream | Intermediate | CBFA Eng; Loc. in Cat | 25687 |
| | | | Downstream | CBFA Eng; Loc. After Cat | 25657 |
| | | | CCTA Eng | 25657 | |
| | V6-3.6 | Upstream | LH | CC (CNNA Eng) | 24328 |
| | | | | Passat (CDVB Eng) | 24342 |
| | | Downstream | LH | CC (CNNA Eng) | 24328 |
| | | | | Passat (CDVB Eng) | 25687 |
| | | | RH | CC (CNNA Eng) | 25657 |
| | | | Passat (CDVB Eng) | 25687 | |
| 2015 | L4-1.8 | Upstream | | 27050 | |
| | | Downstream | | 25766 | |
| | L4-2.0 | Upstream | | Diesel (1 Upstream O2 Only) | 24326 |
| | | | | Gas; CBFA Eng; Loc. Before Starter Cat | 24326 |
| | | Downstream | | Gas; CCTA Eng | 24326 |
| | | | Intermediate | Gas; CBFA Eng; Loc. in Cat | 25687 |
| Downstream | Gas; CBFA Eng; Loc. After Cat | 25657 | | | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | | | |
|-----------------------------------|---------------|----------------------------|--|-------------------------------|-------------------------------|-------------------|-------|
| VOLKSWAGEN (Cont'd) | | | | | | | |
| Passat, Passat CC (Cont'd) | | | | | | | |
| 2015 | L4-2.0 | Downstream | Gas; CCTA Eng | 25657 | | | |
| | | | CC (CNNA Eng) | 24328 | | | |
| | V6-3.6 | Upstream | LH | Passat (CDVB Eng) | 24342 | | |
| | | | | CC (CNNA Eng) | 24324 | | |
| | | Downstream | LH | Passat (CDVB Eng) | 24328 | | |
| | | | | CC (CNNA Eng) | 25687 | | |
| | Downstream | RH | CC (CNNA Eng) | 25657 | | | |
| | | | Passat (CDVB Eng) | 25687 | | | |
| | 2014 | L4-1.8 | Upstream | | 27050 | | |
| | | | Downstream | | 25766 | | |
| L4-2.0 | | Upstream | Diesel (1 Upstream O2 Only) | 24328 | | | |
| | | | Gas; CBFA Eng; Loc. Before Starter Cat | 24326 | | | |
| | | | Gas; CCTA Eng | 24326 | | | |
| Intermediate | | Gas; CBFA Eng; Loc. in Cat | | 25687 | | | |
| | | | Downstream | Gas; CBFA Eng; Loc. After Cat | 25657 | | |
| Downstream | | Gas; CCTA Eng | | 25657 | | | |
| | | | L5-2.5 | Upstream | CBTA Eng | 24342 | |
| | | | | | CBUA Eng; Loc. in Mnfid | 24342 | |
| Intermediate | | CBUA Eng; Loc. in Cat | | 25687 | | | |
| | | | Downstream | CBTA Eng | 25657 | | |
| Downstream | | CBUA Eng; Loc. After Cat | | 25657 | | | |
| | | | V6-3.6 | Upstream | LH | CC (CNNA Eng) | 24328 |
| | | | | | | Passat (CDVB Eng) | 24342 |
| Downstream | | RH | CC (CNNA Eng) | 24324 | | | |
| | | | Passat (CDVB Eng) | 24328 | | | |
| Downstream | | LH | | 25687 | | | |
| | CC (CNNA Eng) | | 25657 | | | | |
| | RH | | 25687 | | | | |
| | | Passat (CDVB Eng) | 25687 | | | | |
| 2013-12 | L4-2.0 | Upstream | Diesel (1 Upstream O2 Only) | 24328 | | | |
| | | | Gas; CBFA Eng; Loc. Before Starter Cat | 24326 | | | |
| | | | Gas; CCTA Eng | 24326 | | | |
| | | Intermediate | Gas; CBFA Eng; Loc. in Cat | | 25687 | | |
| | | | | Downstream | Gas; CBFA Eng; Loc. After Cat | 25657 | |
| | | Downstream | Gas; CCTA Eng | | 25657 | | |
| | L5-2.5 | | | Upstream | CBTA Eng | 24342 | |
| | | | | | CBUA Eng; Loc. in Mnfid | 24342 | |
| | Intermediate | CBUA Eng; Loc. in Cat | | 25687 | | | |
| | | | Downstream | CBTA Eng | 25657 | | |
| | Downstream | CBUA Eng; Loc. After Cat | | 25657 | | | |
| | | | V6-3.6 | Upstream | LH | CC (CNNA Eng) | 24328 |
| | | | | | | Passat (CDVB Eng) | 24342 |
| | Downstream | RH | CC (CNNA Eng) | 24324 | | | |
| | | | Passat (CDVB Eng) | 24328 | | | |
| | Downstream | LH | | 25687 | | | |
| | | | CC (CNNA Eng) | 25657 | | | |
| | | RH | | 25687 | | | |
| Passat (CDVB Eng) | | | 25687 | | | | |
| 2011 | L4-2.0 | Upstream | CBFA Eng; Loc. Before Starter Cat | 24326 | | | |
| | | | CCTA Eng | 24326 | | | |
| | | Intermediate | CBFA Eng; Loc. in Cat | | 25687 | | |
| | | | | Downstream | CBFA Eng; Loc. After Cat | 25657 | |
| | Downstream | CCTA Eng | | 25657 | | | |
| | | | V6-3.6 | Upstream | LH | | 24328 |
| | | | | | | RH | |
| | | | Downstream | LH | | 25656 | |
| RH | | 25657 | | | | | |
| 2010 | L4-2.0 | Upstream | CBFA Eng; Loc. Before Starter Cat | 24326 | | | |
| | | | CCTA Eng | 24326 | | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-----------------------------------|------------|---------------|-----------------------------|---------|---------|
| VOLKSWAGEN (Cont'd) | | | | | |
| Passat, Passat CC (Cont'd) | | | | | |
| 2010 | L4-2.0 | Intermediate | CBFA Eng; Loc. in Cat | 25687 | |
| | | Downstream | CBFA Eng; Loc. After Cat | 25729 | |
| | | | CCTA Eng | 25729 | |
| | V6-3.6 | Upstream | LH | | 24328 |
| | | | RH | | 24324 |
| | | Downstream | LH | | 25656 |
| | | | RH | | 25657 |
| | 2009-08 | L4-2.0 | Upstream | | 24326 |
| | | | Downstream | | 25729 |
| | | V6-3.6 | Upstream | LH | |
| RH | | | | | 24324 |
| Downstream | | | LH | | 25656 |
| | | | RH | | 25657 |
| 2007-06 | L4-2.0 | Upstream | | 24326 | |
| | | Downstream | | 25729 | |
| | V6-3.6 | Upstream | LH | | 24328 |
| | | | RH | | 24324 |
| | | Downstream | LH | | 25725 |
| | | | RH | | 25657 |
| 2005 | L4-1.8 | Upstream | | 24317 | |
| | | Downstream | | 25605 | |
| | L4-2.0 | Upstream | Diesel (1 Upstream O2 Only) | 24341 | |
| | | V6-2.8 | Upstream | LH | 25589 |
| | RH | | | 25589 | |
| | Downstream | | LH | 25597 | |
| RH | | | 25597 | | |
| 2004 | L4-1.8 | Upstream | | 24317 | |
| | | Downstream | | 25605 | |
| | L4-2.0 | Upstream | Diesel (1 Upstream O2 Only) | 24341 | |
| | | V6-2.8 | Upstream | LH | 25589 |
| | RH | | | 25589 | |
| | Downstream | | LH | 25597 | |
| RH | | | 25597 | | |
| 2003-02 | L4-1.8 | Upstream | | 24317 | |
| | | Downstream | | 25605 | |
| | V6-2.8 | Upstream | LH | 25589 | |
| | | | RH | 25589 | |
| | | Downstream | LH | 25597 | |
| | | | RH | 25597 | |
| W8-4.0 | Upstream | LH | 24314 | | |
| | | RH | 24321 | | |
| | Downstream | LH | 25605 | | |
| | | RH | 25622 | | |
| 2001 | L4-1.8 | Upstream | AUG Eng | 25549 | |
| | | | AWM Eng | 24317 | |
| | Downstream | | | 25605 | |
| | | V6-2.8 | Upstream | LH | 25589 |
| | RH | | | 25589 | |
| | Downstream | | LH | 25597 | |
| | | | RH | 25597 | |
| | 2000 | L4-1.8 | Upstream | AUG Eng | 25549 |
| ATW Eng | | | | 25705 | |
| Downstream | | | | 25605 | |
| | | V6-2.8 | Upstream | LH | AHA Eng |
| | ATQ Eng | | | 25589 | |
| RH | AHA Eng | | | 25550 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-----------------------------------|-------------|---------------|----------------------------|--------------------------|-------|
| VOLKSWAGEN (Cont'd) | | | | | |
| Passat, Passat CC (Cont'd) | | | | | |
| 2000 | V6-2.8 | Upstream | LH ATQ Eng | 25589 | |
| | | | LH AHA Eng | 25552 | |
| | | Downstream | LH ATQ Eng | 25597 | |
| | | | RH AHA Eng | 25552 | |
| | | | RH ATQ Eng | 25597 | |
| 1999-98 | L4-1.8 | Upstream | | 25549 | |
| | | Downstream | | 25550 | |
| | V6-2.8 | Upstream | LH | 25550 | |
| | | | RH | 25550 | |
| | Downstream | LH | 25552 | | |
| | | RH | 25552 | | |
| 1997 | V6-2.8 | Upstream | | 25550 | |
| | | Downstream | | 25549 | |
| 1996 | L4-2.0 | Upstream | | 25550 | |
| | | Downstream | | 25549 | |
| | V6-2.8 | Upstream | | 25550 | |
| | | Downstream | | 25549 | |
| 1995 | L4-2.0 | Upstream | To Chassis #3A-S-202 676 | 25558 | |
| | | | From Chassis #3A-S-202 677 | 25640 | |
| | V6-2.8 | Upstream | | 25550 | |
| | | | Downstream | To Chassis #3A-S-086-000 | 25539 |
| | | | From Chassis #3A-S-086-001 | 25549 | |
| 1994 | L4-2.0 | Upstream | | 25549 | |
| | V6-2.8 | Upstream | | 25539 | |
| 1993 | L4-1.8 | Upstream | | 25526 | |
| | | Upstream | | 25103 | |
| | V6-2.8 | Upstream | | 25539 | |
| 1992-91 | L4-1.8 | Upstream | | 25526 | |
| | L4-2.0 | Upstream | | 25103 | |
| 1990 | L4-2.0 | Upstream | | 25040 | |
| Phaeton | | | | | |
| 2006 | V8-4.2 | Upstream | LH | 24314 | |
| | | | RH | 24321 | |
| | | Downstream | LH | 25605 | |
| | | | RH | 25689 | |
| | | | | 24324 | |
| | W12-6.0 | Upstream | Cyls. 1-3 | 24324 | |
| | | | Cyls. 4-6 | 24328 | |
| | | | Cyls. 7-9 | 24323 | |
| | | Downstream | Cyls. 10-12 | 24323 | |
| | | | Cyls. 1-3 | 25605 | |
| 2005-04 | V8-4.2 | Upstream | LH | 24314 | |
| | | | RH | 24321 | |
| | | Downstream | LH | 25605 | |
| | | | RH | 25689 | |
| | | | | 25605 | |
| | W12-6.0 | Upstream | Cyls. 1-3 | 24321 | |
| | | | Cyls. 4-6 | 24314 | |
| | | | Cyls. 7-9 | 24314 | |
| | | Downstream | Cyls. 10-12 | 24314 | |
| | | | Cyls. 1-3 | 25605 | |
| | Cyls. 4-6 | 25605 | | | |
| | Cyls. 7-9 | 25605 | | | |
| | Cyls. 10-12 | 25605 | | | |
| Quantum | | | | | |
| 1988-87 | L5-2.2 | Upstream | | 25040 | |
| 1986 | L5-2.2 | Upstream | 1-Wire | 23044 | |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---|----------|---------------|-----------------------------|--------------------------|-------|
| VOLKSWAGEN (Cont'd) | | | | | |
| Quantum (Cont'd) | | | | | |
| 1986 | L5-2.2 | Upstream | 3-Wire | 25040 | |
| 1985-82 | All Engs | Upstream | | 23044 | |
| Rabbit (Incl. Rabbit Convertible & Pickup) | | | | | |
| 2009-08 | L5-2.5 | Upstream | CBUA Eng; Loc. in Mnfld | 24342 | |
| | | | CBTA Eng | 24342 | |
| | | Intermediate | CBUA Eng; Loc. in Cat | 25657 | |
| | | | Downstream | CBUA Eng; Loc. After Cat | 25668 |
| | | | CBTA Eng | 25668 | |
| 2007-06 | L5-2.5 | Upstream | | 24342 | |
| | | Downstream | | 25668 | |
| 1984-80 | All Engs | Upstream | | 23044 | |
| Routan | | | | | |
| 2014-11 | V6-3.6 | Upstream | LH | 23162 | |
| | | | RH | 23162 | |
| | | Downstream | LH | 23162 | |
| | | | RH | 23161 | |
| 2010-09 | V6-3.8 | Upstream | | 25186 | |
| | | Downstream | | 23158 | |
| | V6-4.0 | Upstream | LH | 23159 | |
| | | | RH | 23159 | |
| | | Downstream | LH | 23159 | |
| | | | RH | 23159 | |
| Scirocco | | | | | |
| 1989-84 | L4-1.8 | Upstream | 1-Wire | 23044 | |
| | | | 3-Wire | 25040 | |
| 1983-81 | L4-1.7 | Upstream | | 23044 | |
| 1980-79 | L4-1.6 | Upstream | | 23044 | |
| Tiguan | | | | | |
| 2016-09 | L4-2.0 | Upstream | | 24348 | |
| | | Downstream | | 25729 | |
| Touareg | | | | | |
| 2016 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | 24348 | |
| | | | | 24328 | |
| | V6-3.6 | Upstream | LH | 24328 | |
| | | | RH | 25687 | |
| | | Downstream | LH | 25687 | |
| | RH | 25687 | | | |
| 2015 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | 24348 | |
| | | | LH Hybrid | 24349 | |
| | | | RH Hybrid | 24348 | |
| | | Downstream | LH Hybrid | 25687 | |
| | | | RH Hybrid | 25657 | |
| | V6-3.6 | Upstream | LH | 24328 | |
| | | | RH | 24328 | |
| | | Downstream | LH | 25687 | |
| | | | RH | w/ULEV II | 25657 |
| | | | w/o ULEV II | 25687 | |
| 2014-13 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | 24328 | |
| | | | LH Hybrid | 24349 | |
| | | | RH Hybrid | 24348 | |
| | | Downstream | LH Hybrid | 25687 | |
| | | | RH Hybrid | 25657 | |
| | V6-3.6 | Upstream | LH | 24328 | |
| | | | RH | 24328 | |
| | | Downstream | LH | 25687 | |
| | | | RH | w/ULEV II | 25657 |
| | | | w/o ULEV II | 25687 | |
| 2012-11 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | 24328 | |
| | | | LH Hybrid | 24349 | |
| | | Downstream | LH Hybrid | 24348 | |
| | | | RH Hybrid | 24348 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------------|------------|---------------|-----------------------------|--------|-------|
| VOLKSWAGEN (Cont'd) | | | | | |
| Touareg (Cont'd) | | | | | |
| 2012-11 | V6-3.0 | Downstream | LH Hybrid | 25687 | |
| | | | RH Hybrid | 25657 | |
| | V6-3.6 | Upstream | LH | 24328 | |
| | | | RH | 24328 | |
| | | Downstream | LH | 25687 | |
| | | | RH | 25657 | |
| 2010 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | | |
| | | | 24328 | | |
| | V6-3.6 | Upstream | LH | 24328 | |
| | | | RH | 24328 | |
| | | Downstream | LH | 25656 | |
| | | | RH | 25675 | |
| 2009 | V6-3.0 | Upstream | Diesel (1 Upstream O2 Only) | | |
| | | | 24328 | | |
| | V6-3.6 | Upstream | LH | 24328 | |
| | | | RH | 24328 | |
| | | Downstream | LH | 25656 | |
| | | | RH | 25675 | |
| | V8-4.2 | Upstream | LH | 24318 | |
| | | | RH | 24321 | |
| | | Downstream | LH | 25688 | |
| | | | RH | 25687 | |
| 2008 | V6-3.6 | Upstream | LH | 24328 | |
| | | | RH | 24328 | |
| | | Downstream | LH | 25656 | |
| | | | RH | 25675 | |
| | V8-4.2 | Upstream | LH | 24318 | |
| | | | RH | 24321 | |
| | | Downstream | LH | 25688 | |
| | | | RH | 25687 | |
| | V10-5.0 | Upstream | LH Diesel (w/ 2 O2s) | 24342 | |
| | | | RH Diesel (w/ 2 O2s) | 24341 | |
| | 2007 | V6-3.6 | Upstream | LH | 24328 |
| | | | | RH | 24328 |
| Downstream | | | LH | 25656 | |
| | | | RH | 25675 | |
| V8-4.2 | | Upstream | LH | 24318 | |
| | | | RH | 24321 | |
| | | Downstream | LH AXQ Eng | 25621 | |
| | | | BAR Eng | 25688 | |
| RH AXQ Eng | | 25705 | | | |
| | | BAR Eng | 25687 | | |
| V10-5.0 | | Upstream | LH Diesel (w/ 2 O2s) | 24342 | |
| | | | RH Diesel (w/ 2 O2s) | 24341 | |
| 2006 | | V6-3.2 | Upstream | LH | 24314 |
| | | | | RH | 24316 |
| | Downstream | | LH | 25605 | |
| | | | RH | 25604 | |
| | V8-4.2 | Upstream | LH | 24318 | |
| | | | RH | 24321 | |
| | | Downstream | LH | 25621 | |
| | | | RH | 25705 | |
| | V10-5.0 | Upstream | LH Diesel (w/ 2 O2s) | 24342 | |
| | | | RH Diesel (w/ 2 O2s) | 24341 | |
| | 2005 | V6-3.2 | Upstream | LH | 24314 |
| | | | | RH | 24316 |
| Downstream | | | LH | 25605 | |
| | | | RH | 25604 | |
| V8-4.2 | | Upstream | LH | 24318 | |
| | | | RH | 24321 | |
| | | Downstream | LH | 25621 | |
| | | | RH | 25705 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|----------------------------|----------|---------------|---|--------|
| VOLKSWAGEN (Cont'd) | | | | |
| Touareg (Cont'd) | | | | |
| 2005 | V10-5.0 | Upstream | LH Diesel (w/ 2 O2s) | 24350 |
| | | | RH Diesel (w/ 2 O2s) | 24341 |
| 2004 | V6-3.2 | Upstream | LH | 24314 |
| | | | RH | 24316 |
| | | Downstream | LH | 25605 |
| | | | RH | 25604 |
| | V8-4.2 | Upstream | LH | 24318 |
| | | | RH | 24321 |
| | | Downstream | LH | 25621 |
| | | | RH | 25705 |
| | V10-4.9 | Upstream | LH Diesel (w/ 2 O2s) | 24351 |
| | | | RH Diesel (w/ 2 O2s) | 24352 |
| Vanagon | | | | |
| 1991-86 | H4-2.1 | Upstream | | 25576 |
| 1985-84 | H4-1.9 | Upstream | | 25088 |
| 1983-80 | All Engs | Upstream | 1-Wire (19" Length) | 25501 |
| | | | 1-Wire (30" Length) | 25088 |
| VOLVO | | | | |
| 240 Series | | | | |
| 1993 | L4-2.3 | Upstream | Calif. | 25634 |
| | | | Federal | 25511 |
| 1992-89 | L4-2.3 | Upstream | | 25511 |
| 1988-86 | L4-2.3 | Upstream | | 25034 |
| 1985 | L4-2.1 | Upstream | | 24672 |
| | | | | 25034 |
| 1984-77 | All Engs | Upstream | | 24672 |
| 260 Series | | | | |
| 1982-80 | All Engs | Upstream | | 24672 |
| 1979-77 | V6-2.7 | Upstream | | 25031 |
| 740 Series | | | | |
| 1992-89 | L4-2.3 | Upstream | Turbo | 25034 |
| | | | Non-Turbo; w/Regina Eng. Control System | 25002 |
| | | | Non-Turbo; w/o Regina Eng. Control System | 25511 |
| 1988-85 | L4-2.3 | Upstream | | 25034 |
| 760 Series | | | | |
| 1990-87 | L4-2.3 | Upstream | | 25034 |
| | | | V6-2.8 | 25511 |
| 1986-85 | L4-2.3 | Upstream | | 25034 |
| | | | V6-2.8 | 25034 |
| 1984 | L4-2.3 | Upstream | | 25034 |
| | | | V6-2.8 | 24672 |
| 1983 | V6-2.8 | Upstream | | 24672 |
| 780 Series | | | | |
| 1991 | L4-2.3 | Upstream | | 25034 |
| 1990-89 | L4-2.3 | Upstream | | 25034 |
| | | | V6-2.8 | 25511 |
| 1988-87 | V6-2.8 | Upstream | | 25511 |
| 850 Series | | | | |
| 1997 | L5-2.3 | Upstream | | 25581 |
| | | | Downstream | 25538 |
| | L5-2.4 | Upstream | 10V Eng | 25005 |
| | | | 20V Eng | 25581 |
| Downstream | 20V Eng | | 25538 | |
| | | | 25581 | |
| 1996 | L5-2.3 | Upstream | | 25581 |
| | | | Downstream | 25538 |
| | L5-2.4 | Upstream | 10V Eng; B5252S | 25005 |
| | | | 20V Eng; B5254FS Eng | 25581 |



| Year | Eng | Position/Bank | Fitment Notes | Part # |
|----------------------------|------------|---------------|---|--------|
| VOLVO (Cont'd) | | | | |
| 850 Series (Cont'd) | | | | |
| 1996 | L5-2.4 | Downstream | 20V Eng; B5254FS Eng | 25538 |
| 1995 | L5-2.3 | Upstream | | 25581 |
| | | Downstream | | 25538 |
| | L5-2.4 | Upstream | 10V Eng | 25005 |
| | | | 20V Eng; w/Air Pump | 25581 |
| | | | 20V Eng; w/o Air Pump | 25555 |
| | Downstream | 20V Eng | 25538 | |
| 1994 | L5-2.3 | Upstream | | 25581 |
| | | Downstream | | 25538 |
| | L5-2.4 | Upstream | 10V Eng | 25005 |
| | | | 20V Eng; w/Air Pump | 25579 |
| | | | 20V Eng; w/o Air Pump | 25555 |
| 1993 | L5-2.4 | Upstream | 10V Eng | 25005 |
| | | | 20V Eng; To Chassis # 70018 | 25557 |
| | | | 20V Eng; From Chassis # 70019; w/Air Pump | 25579 |
| | | | 20V Eng; From Chassis # 70019; w/o Air Pump | 25555 |
| 940 Series | | | | |
| 1995-94 | L4-2.3 | Upstream | Turbo | 25522 |
| | | | Non-Turbo; w/Regina Eng. Control System | 25003 |
| | | | Non-Turbo; w/o Regina Eng. Control System | 25518 |
| 1993 | L4-2.3 | Upstream | Turbo | 25034 |
| | | | Non-Turbo; w/Regina Eng. Control System | 25002 |
| | | | Non-Turbo; w/o Regina Eng. Control System | 25511 |
| 1992 | L4-2.3 | Upstream | Turbo; 8V (B230FT) Eng | 25034 |
| | | | Non-Turbo; 8V (B230F) Eng; w/Regina Eng. Control System | 25002 |
| | | | Non-Turbo; 8V (B230F) Eng; w/o Regina Eng. Control System | 25511 |
| | | | Non-Turbo; 16V (B234F) Eng | 25034 |
| 1991 | L4-2.3 | Upstream | | 25034 |
| 960 Series | | | | |
| 1997-96 | L6-2.9 | Upstream | | 25554 |
| | | Downstream | | 25585 |
| 1995 | L6-2.9 | Upstream | | 25554 |
| 1994-92 | L6-2.9 | Upstream | | 25511 |
| C30 | | | | |
| 2013-11 | L5-2.5 | Upstream | | 24320 |
| | | Downstream | | 25592 |
| 2010-07 | L5-2.4 | Upstream | | 25662 |
| | | Downstream | | 25646 |
| | L5-2.5 | Upstream | | 24320 |
| | | Downstream | | 25592 |
| C70 | | | | |
| 2013-06 | L5-2.5 | Upstream | | 24320 |
| | | Downstream | | 25592 |
| 2004-00 | All Engs | Upstream | | 24312 |
| | | Downstream | | 25592 |
| 1999 | L5-2.3 | Upstream | | 24320 |
| | | Downstream | | 25592 |
| | L5-2.4 | Upstream | | 24320 |
| | | Downstream | | 25592 |
| 1998 | L5-2.3 | Upstream | | 25581 |
| | | Downstream | | 25580 |
| | L5-2.4 | Upstream | | 25581 |
| | | Downstream | | 25580 |

| Year | Eng | Position/Bank | Fitment Notes | Part # |
|-----------------------|--------------------------------|---------------|--|-------------|
| VOLVO (Cont'd) | | | | |
| S40, V40, V50 | | | | |
| 2011 | L5-2.5 | Upstream | | 24320 |
| | | Downstream | | 25592 |
| 2010-07 | L5-2.4 | Upstream | B5244S4 Eng | 25662 |
| | | | B5244S7 Eng; Loc. in Mnfd | 25706 |
| | | Intermediate | B5244S7 Eng; Loc. Before Cat (Cntr O2) | 25591 |
| | | | Downstream | B5244S4 Eng |
| | | | B5244S7 Eng; Loc. After Cat (Rear O2) | 25646 |
| | | L5-2.5 | Upstream | |
| | | Downstream | | 25592 |
| 2006-05 | L5-2.4 | Upstream | B5244S4 Eng | 25662 |
| | | | B5244S7 Eng; Loc. in Mnfd | 25662 |
| | | Intermediate | B5244S7 Eng; Loc. Before Cat (Cntr O2) | 25591 |
| | Downstream | | B5244S4 Eng | 25646 |
| | | | B5244S7 Eng; Loc. After Cat (Rear O2) | 25619 |
| | | L5-2.5 | Upstream | |
| | | Downstream | | 25592 |
| 2004 | L4-1.9 | Upstream | | 25598 |
| | | Downstream | | 25603 |
| | L5-2.4 | Upstream | | 25662 |
| | | Downstream | | 25646 |
| | L5-2.5 | Upstream | | 24320 |
| | | Downstream | | 25592 |
| 2003-00 | L4-1.9 | Upstream | | 25598 |
| | | Downstream | | 25603 |
| S60, V60 | | | | |
| 2016-15 | L4-2.0 | Upstream | Frt O2; B4204T9 Eng; Turbo + S/C | 25763 |
| | | | Frt O2; B4204T11 Eng; Turbo | 25704 |
| | L5-2.5 | Upstream | | 25704 |
| | | Downstream | | 25710 |
| | L6-3.0 | Upstream | | 25704 |
| | | Downstream | | 25646 |
| 2014-13 | L5-2.5 | Upstream | | 25704 |
| | | Downstream | | 25710 |
| | L6-3.0 | Upstream | | 25704 |
| | | Downstream | | 25646 |
| 2012 | L5-2.5 | Upstream | | 24320 |
| | | Downstream | | 25592 |
| | L6-3.0 | Upstream | | 25704 |
| | | Downstream | | 25646 |
| 2011 | L6-3.0 | Upstream | | 25704 |
| | | Downstream | | 25646 |
| 2009-06 | L5-2.4 | Upstream | | 24312 |
| | | Downstream | | 25592 |
| | L5-2.5 | Upstream | | 24312 |
| | | Downstream | | 25592 |
| 2005 | L5-2.4 | Upstream | Turbo | 24312 |
| | | | Non-Turbo; B5244S Eng | 25663 |
| | | | Non-Turbo; B5244S6 Eng | 25662 |
| | | Downstream | Turbo | 25592 |
| | Non-Turbo; w/ Emissions Code A | | 25646 | |
| | | | Non-Turbo; w/o Emissions Code A | 25619 |
| | L5-2.5 | Upstream | | 24312 |
| | | Downstream | | 25592 |
| 2004 | L5-2.3 | Upstream | | 24312 |
| | | Downstream | | 25592 |

LH = Left-Hand Bank / Côté gauche F = Front Bank / Avant
 RH = Right-Hand Bank / Côté droit R = Rear Bank / Arrière



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|--------------------------|---------------------------------------|---------------|--|-----------------------|-------|
| VOLVO (Cont'd) | | | | | |
| S60, V60 (Cont'd) | | | | | |
| 2004 | L5-2.4 | Upstream | Non-Turbo; B5244S Eng | 25663 | |
| | | | Non-Turbo; B5244S6 Eng | 25662 | |
| | | Downstream | w/ Emissions Code A; Non-Turbo | 25646 | |
| | | | w/o Emissions Code A; Non-Turbo | 25619 | |
| | L5-2.5 | Upstream | | 24312 | |
| | | Downstream | | 25717 | |
| 2003 | L5-2.3 | Upstream | | 24312 | |
| | | Downstream | | 25592 | |
| | L5-2.4 | Upstream | Turbo | 24312 | |
| | | | Non-Turbo; B5244S Eng | 25663 | |
| | | | Non-Turbo; B5244S6 Eng | 25662 | |
| | | Downstream | Turbo | 25592 | |
| | | | Non-Turbo; w/ Emissions Code A | 25646 | |
| | | | Non-Turbo; w/o Emissions Code A | 25619 | |
| | L5-2.5 | Upstream | | 24312 | |
| | | Downstream | | 25717 | |
| 2002 | L5-2.3 | Upstream | | 24312 | |
| | | Downstream | | 25592 | |
| | L5-2.4 | Upstream | Turbo | 24312 | |
| | | | Non-Turbo | 25629 | |
| | | Downstream | Turbo | 25592 | |
| | | | Non-Turbo | 25619 | |
| 2001 | L5-2.3 | Upstream | | 24312 | |
| | | Downstream | | 25592 | |
| | L5-2.4 | Upstream | Turbo | 25629 | |
| | | | Non-Turbo | 24312 | |
| | | Downstream | Turbo | 25591 | |
| | | | Non-Turbo | 25592 | |
| S70, V70 | | | | | |
| 2010 | L6-3.2 | Upstream | Cyls. 1-3; B6324S Eng | 25704 | |
| | | | Cyls. 4-6; B6324S Eng | 25704 | |
| | | | B6324S2 Eng; Loc. in Mnfl'd | 25704 | |
| | | Intermediate | B6324S2 Eng; Loc. Before Cat (Cntr O2) | 25762 | |
| | | | Downstream | Cyls. 1-3; B6324S Eng | 25646 |
| | | | | Cyls. 4-6; B6324S Eng | 25646 |
| | B6324S2 Eng; Loc. After Cat (Rear O2) | 25646 | | | |
| | 2009-08 | L6-3.2 | Upstream | Cyls. 1-3 | 25704 |
| Cyls. 4-6 | | | | 25704 | |
| Downstream | | Cyls. 1-3 | 25646 | | |
| | | Cyls. 4-6 | 25646 | | |
| 2007 | L5-2.4 | Upstream | B5244S Eng | 25663 | |
| | | Downstream | B5244S Eng; w/ Emissions Code A | 25646 | |
| | | | B5244S Eng; w/o Emissions Code A | 25619 | |
| | L5-2.5 | Upstream | | 24312 | |
| | | Downstream | | 25592 | |
| | | | | 25592 | |
| 2006 | L5-2.4 | Upstream | B5244S Eng | 25663 | |
| | | | B5244S6 Eng | 25662 | |
| | | Downstream | w/ Emissions Code A | 25646 | |
| | | | w/o Emissions Code A | 25619 | |
| | L5-2.5 | Upstream | | 24312 | |
| | | Downstream | | 25592 | |
| 2005 | L5-2.4 | Upstream | Turbo | 24312 | |
| | | | Non-Turbo; B5244S Eng | 25663 | |
| | | | Non-Turbo; B5244S6 Eng | 25662 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|----------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-------|
| VOLVO (Cont'd) | | | | | |
| S70, V70 (Cont'd) | | | | | |
| 2005 | L5-2.4 | Downstream | Turbo | 25592 | |
| | | | Non-Turbo; w/ Emissions Code A | 25646 | |
| | | | Non-Turbo; w/o Emissions Code A | 25619 | |
| | | L5-2.5 | Upstream | | 24312 |
| | | | Downstream | | 25592 |
| | | | | | 25592 |
| | 2004 | L5-2.3 | Upstream | | 24312 |
| | | | Downstream | | 25592 |
| | | L5-2.4 | Upstream | B5244S Eng | 25663 |
| | | | Downstream | B5244S Eng; w/ Emissions Code A | 25646 |
| B5244S Eng; w/o Emissions Code A | | | | 25619 | |
| L5-2.5 | | Upstream | | 24312 | |
| | Downstream | | 25717 | | |
| 2003 | L5-2.3 | Upstream | | 24312 | |
| | | Downstream | | 25592 | |
| | L5-2.4 | Upstream | Turbo | 24312 | |
| | | | Non-Turbo; B5244S Eng | 25663 | |
| | | Non-Turbo; B5244S6 Eng | 25662 | | |
| | Downstream | Turbo | 25592 | | |
| | | Non-Turbo; w/ Emissions Code A | 25646 | | |
| | | Non-Turbo; w/o Emissions Code A | 25619 | | |
| L5-2.5 | Upstream | | 24312 | | |
| | Downstream | | 25717 | | |
| 2002 | L5-2.3 | Upstream | | 24312 | |
| | | Downstream | | 25592 | |
| | L5-2.4 | Upstream | Turbo | 24312 | |
| | | | Non-Turbo; B5244S Eng | 25663 | |
| | | Downstream | Non-Turbo; B5244S6 Eng | 25662 | |
| | | | Turbo | 25592 | |
| Non-Turbo; w/ Emissions Code A | 25646 | | | | |
| | Non-Turbo; w/o Emissions Code A | 25619 | | | |
| 2001 | L5-2.3 | Upstream | | 24312 | |
| | | Downstream | | 25592 | |
| | L5-2.4 | Upstream | Turbo | 24312 | |
| | | | Non-Turbo | 25629 | |
| | | Downstream | Turbo | 25592 | |
| | | | Non-Turbo | 25619 | |
| 2001 | L5-2.3 | Upstream | | 24312 | |
| | | Downstream | | 25592 | |
| | L5-2.4 | Upstream | Turbo | 24312 | |
| | | | Non-Turbo | 25629 | |
| | | Downstream | Turbo | 25592 | |
| | | | Non-Turbo | 25619 | |
| 2000 | L5-2.3 | Upstream | | 24312 | |
| | | Downstream | | 25592 | |
| | L5-2.4 | Upstream | Turbo | 24312 | |
| | | | Non-Turbo | 25629 | |
| | | Downstream | Turbo | 25592 | |
| | | | Non-Turbo | 25591 | |
| 1999 | L5-2.3 | Upstream | | 24320 | |
| | | Downstream | | 25592 | |
| | L5-2.4 | Upstream | Turbo | 24320 | |
| | | | Non-Turbo | 25630 | |
| | | Downstream | Turbo | 25592 | |
| | Non-Turbo | | 25591 | | |
| | | | | 25591 | |
| | 1998 | L5-2.3 | Upstream | | 25581 |
| Downstream | | | | 25580 | |
| L5-2.4 | | Upstream | | 25581 | |
| | | Downstream | Turbo | 25580 | |
| Non-Turbo | 25538 | | | | |
| S80 | | | | | |
| 2016 | L4-2.0 | Upstream | Frt O2 | 25704 | |
| 2015 | L4-2.0 | Upstream | Frt O2 | 25704 | |
| | | Downstream | | 25704 | |
| | L6-3.0 | Upstream | | 25704 | |
| | | Downstream | | 25646 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-----------------------------|---------------------------------------|--|-----------------------------|-----------|-------|
| VOLVO (Cont'd) | | | | | |
| S80 (Cont'd) | | | | | |
| 2014-11 | L6-3.0 | Upstream | | 25704 | |
| | | Downstream | | 25646 | |
| | L6-3.2 | Upstream | B6324S5 Eng; Cyls. 1-3 | 25704 | |
| | | | B6324S5 Eng; Cyls. 4-6 | 25704 | |
| | | | B6324S4 Eng; Loc. in Mnflid | 25704 | |
| | Intermediate | B6324S4 Eng; Loc. Before Cat (Cntr O2) | 25762 | | |
| | | Downstream | B6324S5 Eng; Cyls. 1-3 | 25646 | |
| | Downstream | B6324S5 Eng; Cyls. 4-6 | 25646 | | |
| | | B6324S4 Eng; Loc. After Cat (Rear O2) | 25646 | | |
| | | 2010 | L6-3.0 | Upstream | 25704 |
| | Downstream | 25646 | | | |
| | L6-3.2 | Upstream | B6324S Eng; Cyls. 1-3 | 25704 | |
| B6324S Eng; Cyls. 4-6 | | | 25704 | | |
| B6324S2 Eng; Loc. in Mnflid | | | 25704 | | |
| Intermediate | | B6324S2 Eng; Loc. Before Cat (Cntr O2) | 25762 | | |
| Downstream | | B6324S Eng; Cyls. 1-3 | 25646 | | |
| | | B6324S Eng; Cyls. 4-6 | 25646 | | |
| | B6324S2 Eng; Loc. After Cat (Rear O2) | 25646 | | | |
| V8-4.4 | Upstream | LH | 25662 | | |
| | | RH | 25662 | | |
| | Downstream | LH | 25646 | | |
| | | RH | 25619 | | |
| 2009-08 | L6-3.0 | Upstream | 25704 | | |
| | | Downstream | 25646 | | |
| | L6-3.2 | Upstream | Cyls. 1-3 | 25704 | |
| | | | Cyls. 4-6 | 25704 | |
| | | Downstream | Cyls. 1-3 | 25646 | |
| | | | Cyls. 4-6 | 25646 | |
| | V8-4.4 | Upstream | LH | 25662 | |
| | | | RH | 25662 | |
| | | Downstream | LH | 25646 | |
| | | | RH | 25619 | |
| | 2007 | L6-3.2 | Upstream | Cyls. 1-3 | 25704 |
| | | | | Cyls. 4-6 | 25704 |
| Downstream | | | Cyls. 1-3 | 25646 | |
| | | | Cyls. 4-6 | 25646 | |
| V8-4.4 | | Upstream | LH | 25662 | |
| | | | RH | 25662 | |
| | | Downstream | LH | 25646 | |
| | | | RH | 25619 | |
| 2006 | L5-2.5 | Upstream | 24312 | | |
| | | Downstream | 25592 | | |
| 2005 | L5-2.5 | Upstream | 24312 | | |
| | | Downstream | 25592 | | |
| | L6-2.9 | Upstream | Cyls. 1-3 | 24312 | |
| | | | Cyls. 4-6 | 24307 | |
| | | Downstream | Cyls. 1-3 | 25592 | |
| | | | Cyls. 4-6 | 25592 | |
| 2004 | L5-2.5 | Upstream | 24312 | | |
| | | Downstream | 25717 | | |
| | L6-2.9 | Upstream | Cyls. 1-3 | 24312 | |
| | | | Cyls. 4-6; Turbo | 24307 | |
| | | | Cyls. 4-6; Non-Turbo | 24306 | |
| | | Downstream | Cyls. 1-3 | 25592 | |
| Cyls. 4-6 | 25592 | | | | |
| 2003 | L6-2.9 | Upstream | Cyls. 1-3 | 24312 | |
| | | Cyls. 4-6; Turbo | 24307 | | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|---------------------------------------|----------------------|---------------|--|-----------|-------|
| VOLVO (Cont'd) | | | | | |
| S80 (Cont'd) | | | | | |
| 2003 | L6-2.9 | Upstream | Cyls. 4-6; Non-Turbo | 24306 | |
| | | Downstream | Cyls. 1-3 | 25592 | |
| | 2002 | L6-2.9 | Upstream | Cyls. 4-6 | 25592 |
| | | | | Cyls. 1-3 | 24312 |
| Downstream | Cyls. 4-6; Turbo | | 24307 | | |
| | Cyls. 4-6; Non-Turbo | | 24306 | | |
| 2001-00 | L6-2.8 | Upstream | Cyls. 1-3 | 25592 | |
| | | | Cyls. 4-6 | 21531 | |
| | Downstream | Cyls. 1-3 | 24306 | | |
| | | Cyls. 4-6 | 24306 | | |
| | L6-2.9 | Upstream | Cyls. 1-3 | 25593 | |
| | | | Cyls. 4-6 | 25593 | |
| | | Downstream | Cyls. 1-3 | 24307 | |
| | | | Cyls. 4-6 | 24306 | |
| | 1999 | All Engs | Upstream | Cyls. 1-3 | 21531 |
| | | | | Cyls. 4-6 | 21531 |
| Downstream | | | Cyls. 1-3 | 24306 | |
| | | | Cyls. 4-6 | 24306 | |
| S90, V90 | | | | | |
| 2018 | L4-2.0 | Upstream | B4204T23 Eng; Turbo; Gas | 25704 | |
| | | | B4204T27 Eng; Gas; Turbo + S/C | 25704 | |
| | | | B4204T28 Eng; Hybrid; Turbo + S/C (Frt O2) | 25704 | |
| 2017 | L4-2.0 | Upstream | B4204T23 Eng; Turbo; Gas | 25704 | |
| | | | B4204T27 Eng; Gas; Turbo + S/C | 25704 | |
| 1998-97 | L6-2.9 | Upstream | | 25554 | |
| | | Downstream | | 25585 | |
| XC60 | | | | | |
| 2017 | L4-2.0 | Upstream | Frt O2; B4204T9 Eng; Turbo + S/C | 25763 | |
| | | | Frt O2; B4204T11 Eng; Turbo | 25704 | |
| 2016 | L4-2.0 | Upstream | Frt O2; B4204T9 Eng; Turbo + S/C | 25763 | |
| | | | Frt O2; B4204T11 Eng; Turbo | 25704 | |
| | | | | | |
| | L5-2.5 | Upstream | | 25704 | |
| | | Downstream | | 25710 | |
| | | | | | |
| L6-3.0 | Upstream | | 25704 | | |
| | Downstream | | 25646 | | |
| 2015 | L4-2.0 | Upstream | Frt O2; B4204T9 Eng; Turbo + S/C | 25763 | |
| | | | Frt O2; B4204T11 Eng; Turbo | 25704 | |
| | L5-2.5 | Upstream | | 25704 | |
| | | Downstream | | 25710 | |
| | L6-3.0 | Upstream | | 25704 | |
| | | Downstream | | 25646 | |
| | L6-3.2 | Upstream | B6324S5 Eng; Cyls. 1-3 | 25704 | |
| | | | B6324S5 Eng; Cyls. 4-6 | 25704 | |
| | | | B6324S4 Eng; Loc. in Mnflid | 25704 | |
| | | Intermediate | B6324S4 Eng; Loc. Before Cat (Cntr O2) | 25762 | |
| Downstream | | | B6324S5 Eng; Cyls. 1-3 | 25646 | |
| | | | B6324S5 Eng; Cyls. 4-6 | 25646 | |
| B6324S4 Eng; Loc. After Cat (Rear O2) | 25646 | | | | |
| 2014-11 | L6-3.0 | Upstream | | 25704 | |
| | | Downstream | | 25646 | |
| | L6-3.2 | Upstream | B6324S5 Eng; Cyls. 1-3 | 25704 | |
| | | | B6324S5 Eng; Cyls. 4-6 | 25704 | |



| Year | Eng | Position/Bank | Fitment Notes | Part # | |
|-----------------------|---------------------------------------|--|--|--------|-------|
| VOLVO (Cont'd) | | | | | |
| XC60 (Cont'd) | | | | | |
| 2014-11 | L6-3.2 | Upstream | B6324S4 Eng; Loc. in Mnflid | 25704 | |
| | | Intermediate | B6324S4 Eng; Loc. Before Cat (Cntr O2) | 25762 | |
| | | Downstream | B6324S5 Eng; Cyls. 1-3 | 25646 | |
| | | | B6324S5 Eng; Cyls. 4-6 | 25646 | |
| | | | B6324S4 Eng; Loc. After Cat (Rear O2) | 25646 | |
| | | | | | |
| 2010 | L6-3.0 | Upstream | | 25704 | |
| | | Downstream | | 25646 | |
| | L6-3.2 | Upstream | B6324S Eng; Cyls. 1-3 | 25704 | |
| | | | B6324S Eng; Cyls. 4-6 | 25704 | |
| | | | B6324S2 Eng; Loc. in Mnflid | 25704 | |
| | Intermediate | B6324S2 Eng; Loc. Before Cat (Cntr O2) | | 25762 | |
| | | | | | |
| | Downstream | B6324S Eng; Cyls. 1-3 | | 25646 | |
| | | | B6324S Eng; Cyls. 4-6 | 25646 | |
| | | | B6324S2 Eng; Loc. After Cat (Rear O2) | 25646 | |
| XC70 | | | | | |
| 2016 | L5-2.5 | Upstream | | 25704 | |
| | | Downstream | | 25710 | |
| 2015 | L4-2.0 | Upstream | Frt O2 | 25704 | |
| | | Downstream | | 25646 | |
| | L6-3.0 | Upstream | | 25704 | |
| | | | | 25646 | |
| | | | | 25646 | |
| | L6-3.2 | Upstream | B6324S5 Eng; Cyls. 1-3 | 25704 | |
| | | | B6324S5 Eng; Cyls. 4-6 | 25704 | |
| | | | B6324S4 Eng; Loc. in Mnflid | 25704 | |
| | | Intermediate | B6324S4 Eng; Loc. Before Cat (Cntr O2) | | 25762 |
| | | | | | |
| Downstream | | B6324S5 Eng; Cyls. 1-3 | | 25646 | |
| | B6324S5 Eng; Cyls. 4-6 | | 25646 | | |
| | B6324S4 Eng; Loc. After Cat (Rear O2) | | 25646 | | |
| 2014-11 | L6-3.0 | Upstream | | 25704 | |
| | | Downstream | | 25646 | |
| | L6-3.2 | Upstream | B6324S5 Eng; Cyls. 1-3 | 25704 | |
| | | | B6324S5 Eng; Cyls. 4-6 | 25704 | |
| | | | B6324S4 Eng; Loc. in Mnflid | 25704 | |
| | | Intermediate | B6324S4 Eng; Loc. Before Cat (Cntr O2) | | 25762 |
| | | | | | |
| | | Downstream | B6324S5 Eng; Cyls. 1-3 | | 25646 |
| | B6324S5 Eng; Cyls. 4-6 | | | 25646 | |
| | B6324S4 Eng; Loc. After Cat (Rear O2) | | | 25646 | |
| 2010 | L6-3.0 | Upstream | | 25704 | |
| | | Downstream | | 25646 | |
| | L6-3.2 | Upstream | B6324S Eng; Cyls. 1-3 | 25704 | |
| | | | B6324S Eng; Cyls. 4-6 | 25704 | |
| | | | B6324S2 Eng; Loc. in Mnflid | 25704 | |
| | | Intermediate | B6324S2 Eng; Loc. Before Cat (Cntr O2) | | 25762 |
| | | | | | |
| Downstream | B6324S5 Eng; Cyls. 1-3 | | 25646 | | |
| | | B6324S5 Eng; Cyls. 4-6 | 25646 | | |
| | | B6324S4 Eng; Loc. After Cat (Rear O2) | 25646 | | |
| 2009 | L6-3.0 | Upstream | | 25704 | |
| | | Downstream | | 25646 | |
| | L6-3.2 | Upstream | Cyls. 1-3 | 25704 | |
| | | | Cyls. 4-6 | 25704 | |
| | | Downstream | Cyls. 1-3 | 25646 | |
| | | | Cyls. 4-6 | 25646 | |
| 2008 | L6-3.2 | Upstream | Cyls. 1-3 | 25704 | |
| | | | Cyls. 4-6 | 25704 | |

| Year | Eng | Position/Bank | Fitment Notes | Part # | | |
|-----------------------|------------|---------------|---|------------|--|-------|
| VOLVO (Cont'd) | | | | | | |
| XC70 (Cont'd) | | | | | | |
| 2008 | L6-3.2 | Downstream | Cyls. 1-3 | 25646 | | |
| | | | Cyls. 4-6 | 25646 | | |
| 2007-05 | L5-2.5 | Upstream | | 24312 | | |
| | | Downstream | | 25592 | | |
| 2004-03 | L5-2.5 | Upstream | | 24312 | | |
| | | Downstream | | 25717 | | |
| XC90 | | | | | | |
| 2018-16 | L4-2.0 | Upstream | Frt O2; B4204T28 Eng; Turbo + S/C; Hybrid | 25704 | | |
| | | | B4204T27 Eng; Turbo + S/C; Gas | 25704 | | |
| | | | B4204T23 Eng; Turbo; Gas | 25704 | | |
| | | | | | | |
| 2014-12 | L6-3.2 | Upstream | Cyls. 1-3 | 25704 | | |
| | | | Cyls. 4-6 | 25704 | | |
| | | | | | | |
| | | Downstream | Cyls. 1-3 | 25716 | | |
| | | | Cyls. 4-6 | 25619 | | |
| | | | | | | |
| 2011-07 | L6-3.2 | Upstream | Cyls. 1-3 | 25704 | | |
| | | | Cyls. 4-6 | 25704 | | |
| | | Downstream | Cyls. 1-3 | 25716 | | |
| | | | Cyls. 4-6 | 25619 | | |
| | V8-4.4 | Upstream | LH | 25662 | | |
| | | | RH | 25662 | | |
| | | Downstream | LH | 25646 | | |
| | | | RH | 25619 | | |
| 2006 | L5-2.5 | Upstream | | 24312 | | |
| | | Downstream | | 25592 | | |
| | V8-4.4 | Upstream | LH | 25662 | | |
| | | Downstream | LH | 25646 | | |
| 2005 | L5-2.5 | Upstream | | 24312 | | |
| | | Downstream | | 25592 | | |
| | L6-2.9 | Upstream | Cyls. 1-3 | 24312 | | |
| | | Downstream | Cyls. 4-6 | 24307 | | |
| | V8-4.4 | Upstream | LH | 25662 | | |
| | | | RH | 25662 | | |
| | | Downstream | LH | 25646 | | |
| | | | RH | 25619 | | |
| | | 2004-03 | L5-2.5 | Upstream | | 24312 |
| | | | | Downstream | | 25717 |
| L6-2.9 | Upstream | | Cyls. 1-3 | 24312 | | |
| | Downstream | | Cyls. 4-6 | 24307 | | |
| YUGO | | | | | | |
| Cabrio | | | | | | |
| 1991 | L4-1.3 | Upstream | | 25034 | | |
| 1990 | L4-1.3 | Upstream | | 23044 | | |
| GV | | | | | | |
| 1991 | L4-1.3 | Upstream | | 25034 | | |
| 1990 | L4-1.3 | Upstream | | 23044 | | |



THE SENSOR SPECIALIST™

**MOTORCYCLE APPLICATIONS
APPLICATIONS MOTOCYCLETES
APLICACIONES PARA MOTOCICLETAS**





Motorcycle Applications/Applications Motocyclottes

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| Engine Class | Model | Year | Application Notes | Position | NTK OE Type Oxygen Sensor | Per Veh. Qty |
|---------------|-------------------|-----------|-----------------------------|----------|---------------------------|--------------|
| BMW | | | | | | |
| 1293 | K1300 | 2015-2008 | | | 28027 | 1 |
| 1200 | K1200 GT | 2008-2005 | | | 28027 | 1 |
| | K1200 GT | 2004-2002 | | | 28011 | 1 |
| | K1200 LT/M | 2009-2004 | | | 28012 | 1 |
| | K1200 R | 2008-2004 | | | 28027 | 1 |
| | K1200 R Sport | 2007-2005 | | | 28027 | 1 |
| | K1200 RS | 2004-2001 | | | 28011 | 1 |
| | K1200 S | 2008-2003 | | | 28027 | 1 |
| | R1200 C/M | 2004-2003 | | | 28011 | 1 |
| | R1200GS | 2012-2009 | | | 28034 | 2 |
| | R1200GS Adventure | 2013-2009 | | | 28034 | 2 |
| | R1200 I/M | 2004 | | | 28011 | 1 |
| | R1200 Montauk | 2004-2003 | | | 28011 | 1 |
| | R1200 R | 2014-2010 | | | 28034 | 2 |
| | R1200 R | 2008-2006 | | | 28026 | 2 |
| | R1200 RT | 2014-2009 | | | 28034 | 2 |
| | R1200 RT | 2008-2004 | | | 28026 | 2 |
| | R1200 S | 2007-2005 | | | 28026 | 2 |
| R1200 ST | 2007-2004 | | | 28026 | 2 | |
| 1170 | HP2 Enduro | 2007-2005 | | | 28026 | 2 |
| | HP2 Megamoto | 2009-2007 | | | 28026 | 2 |
| | HP2 Sport | 2010-2007 | | | 28027 | 2 |
| 1150 | R1150 GS | 2003 | | | 28011 | 1 |
| | R1150 Adventure | 2006-2003 | | | 28011 | 1 |
| | R1150 R | 2006-2003 | | | 28011 | 1 |
| | R1150 R/Rocks | 2005-2002 | | | 28011 | 1 |
| | R1150 RS | 2004-2003 | | | 28011 | 1 |
| R1150 RT | 2005-2003 | | | 28011 | 1 | |
| 1100 | R1100 S | 2004-2003 | | | 28011 | 1 |
| 1000 | S1000 RR | 2012-2008 | | | 28810 | 2 |
| 900 | R900 RT 10 SF | 2010-2009 | | | 28034 | 2 |
| | R900 RT | 2009-2005 | | | 28026 | 2 |
| 800 | F800 GS | 2017-2007 | | | 28027 | 1 |
| | F800 R | 2017-2006 | | | 28027 | 1 |
| | F800 S | 2009-2006 | | | 28027 | 1 |
| | F800 ST | 2012-2006 | | | 28027 | 1 |
| 600 | C600 Sport | 2018-2011 | | | 28810 | 1 |
| 650 | C650 GT | 2018-2011 | | | 28810 | 1 |
| | F650 CS | 2005-2001 | | | 28028 | 1 |
| | F650 CS/M | 2005-2004 | | | 28028 | 1 |
| | F650 Dakar | 2004-2000 | | | 28028 | 1 |
| | F650 GS | 2015-2008 | | | 28027 | 1 |
| | F650 GS | 2007 | w/Split Pipe Exh. Manifold | | 28027 | 1 |
| | F650 GS | 2006-2000 | w/Single Pipe Exh. Manifold | | 28028 | 1 |
| | F650 GS | 2006-2000 | | | 28028 | 1 |
| | G650 GS | 2012-2008 | | | 28028 | 1 |
| | G650 XChallenge | 2009-2007 | | | 28026 | 1 |
| | G650 XCountry | 2009-2007 | | | 28026 | 1 |
| G650 XMoto | 2007 | | | 28026 | 1 | |
| 450 | G450 X | 2010-2007 | | | 28809 | 1 |
| CAN-AM | | | | | | |
| 990 | Spyder | 2012-2008 | | | 28022 | 1 |
| Ducati | | | | | | |
| 1200 | Multistrada 1200 | 2011-2010 | | | 28813 | 2 |
| 1198 | Superbike 1198 | 2011-2009 | | | 28021 | 2 |
| 1100 | Hypermotard 1100 | 2009-2008 | | | 28021 | 1 |
| | Multistrada 1100 | 2009-2007 | | | 28021 | 1 |
| | Streetfighter | 2012-2010 | | | 28021 | 2 |
| 1098 | Superbike 1098 | 2008-2007 | | | 28021 | 1 |
| | Superbike 1098 R | 2009-2008 | | | 28021 | 2 |
| | Superbike 1098 S | 2008-2007 | | | 28021 | 1 |
| 1000 | Monster S2R 1000 | 2008-2006 | | | 28021 | 1 |
| | Monster S4RS | 2007-2006 | | | 28021 | 1 |

Motorcycle Applications/Aplicaciones Para Motocicletas

| Engine Class | Model | Year | Application Notes | Position | NTK OE Type Oxygen Sensor | Per Veh. Qty |
|----------------------|----------------------------------|---------------------|--|----------|---------------------------|--------------|
| Ducati Cont'd | | | | | | |
| 1000 | Sport Classic GT 1000 | 2010-2007 | | | 28021 | 1 |
| | Sport Classic Paul Smart 1000 LE | 2006 | | | 28021 | 1 |
| | Sport Classic Sport 1000 | 2008-2006 | | | 28021 | 1 |
| | Sport Classic Sport 1000 S | 2009-2006 | | | 28021 | 1 |
| | Sport Touring ST3 | 2007-2006 | | | 28021 | 1 |
| | Sport Touring ST3S ABS | 2007-2006 | | | 28021 | 1 |
| 848 | Superbike 848 | 2013-2008 | | | 28021 | 1 |
| 695 | Monster 695 | 2008-2007 | | | 28021 | 1 |
| Honda | | | | | | |
| 1800 | GL1800 | 2017-2009 | Goldwing | # 1-3-5 | 28017 | 1 |
| | | | | # 2-4-6 | 28018 | 1 |
| | GL1800 | 2008-2006 | w/OE # 36531-MCA-A61 w/OE # 36531-MBT-D21 | # 1-3-5 | 28001 | 1 |
| | | | | # 2-4-6 | 28015 | 1 |
| | GL1800, GL 1800A | 2005-2001 | Gold Wing | # 1-3-5 | 28800 | 1 |
| | | | | # 2-4-6 | 28801 | 1 |
| | VTX1800C | 2004-2002 | | Front | 28802 | 1 |
| | | | | Rear | 28804 | 1 |
| | VTX1800C1, C2, C3 | 2007-2005 | | Front | 28802 | 1 |
| | | | | Rear | 28804 | 1 |
| | VTX1800F1, F2, F3 | 2008-2005 | | Front | 28802 | 1 |
| | | | | Rear | 28804 | 1 |
| | VTX1800N1, N2, N3 | 2008-2004 | | Front | 28802 | 1 |
| | | | | Rear | 28804 | 1 |
| | VTX1800R | 2003-2002 | | Front | 28802 | 1 |
| | | | | Rear | 28804 | 1 |
| VTX1800R1, R2, R3 | 2007-2004 | | Front | 28802 | 1 | |
| | | | Rear | 28804 | 1 | |
| VTX1800S | 2003-2002 | | Front | 28802 | 1 | |
| | | | Rear | 28804 | 1 | |
| VTX1800S1, S2, S3 | 2006-2004 | | Front | 28802 | 1 | |
| | | | Rear | 28804 | 1 | |
| VTX1800T1, T2, T3 | 2008-2007 | | Front | 28802 | 1 | |
| | | | Rear | 28804 | 1 | |
| 1300 | ST1300 | 2018-2008 | | # 1, 3 | 28029 | 1 |
| | | | | # 2, 4 | 28030 | 1 |
| | ST1300 | 2007-2003 | | # 1, 3 | 28013 | 1 |
| | | | # 2, 4 | 28014 | 1 | |
| 1200 | VFR1200F | 2014-2010 | | # 1, 4 | 28811 | 1 |
| | | | | # 2, 3 | 28812 | 1 |
| | VFR1200FD | 2014-2010 | | # 1, 4 | 28811 | 1 |
| | | | # 2, 3 | 28812 | 1 | |
| 1100 | CBR1100XX | 2003-2001 | | | 28803 | 1 |
| 900 | CBR900RE | 2001 | | | 28802 | 1 |
| | CBR900RR | 2003-2000 | | | 28802 | 1 |
| 800 | VFR800 | 2008-2002 | Interceptor | # 1, 2 | 28008 | 1 |
| | | | | # 3, 4 | 28009 | 1 |
| | VFR800A | 2008-2002 | Interceptor | # 1, 2 | 28008 | 1 |
| | | | # 3, 4 | 28009 | 1 | |
| VFR800FI | 2001-2000 | Interceptor | # 1, 2 | 28006 | 1 | |
| | | | # 3, 4 | 28007 | 1 | |
| 700 | NSA700A | 2009 | | | 28035 | 1 |
| | NT700V | 2010 | | | 28033 | 1 |
| | NT700VA | 2011-2010 | | | 28033 | 1 |
| 600 | CBR600F4 | 2006-1999 | | | 28803 | 1 |
| | CBR600RR | 2006-2005 | | | 28002 | 1 |
| | | | | # 1, 2 | 28003 | 1 |
| | | | | # 3, 4 | 28004 | 1 |
| | FSC600A | 2013-2008 | Silver Wing Scooter | | 28016 | 1 |
| FSC600D | 2010-2008 | Silver Wing Scooter | | 28016 | 1 | |
| 150 | SH150D | 2010 | | | 28032 | 1 |
| | SH150I | 2010 | | | 28032 | 1 |



Motorcycle Applications/Applications Motocyclettes

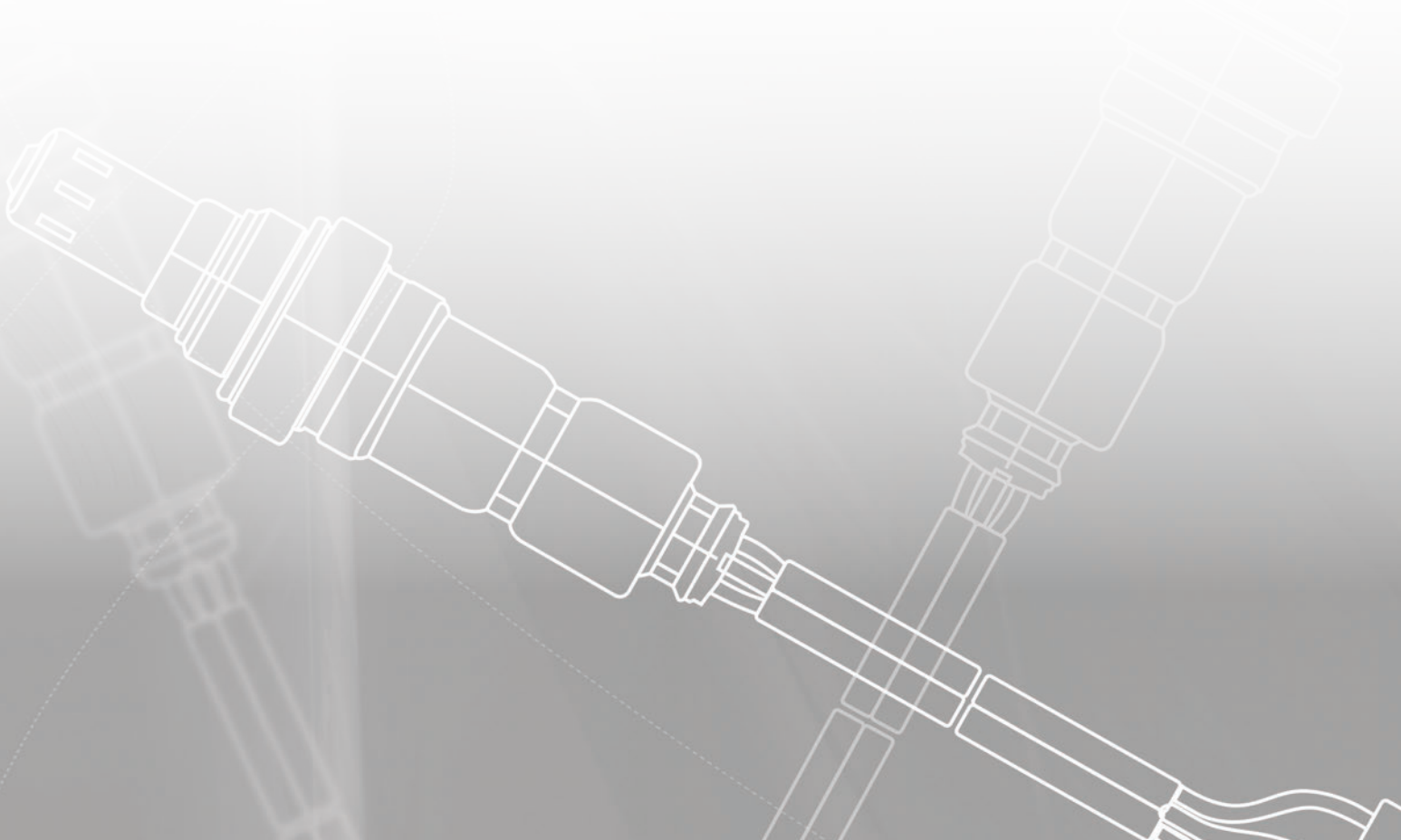
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| Engine Class | Model | Year | Application Notes | Position | NTK OE Type Oxygen Sensor | Per Veh. Qty |
|-------------------|--------------------|-----------|------------------------|----------|---------------------------|--------------|
| KTM | | | | | | |
| 1190 | 1190 RC8 | 2011-2009 | | | 28025 | 2 |
| | 1190 RC8 R | 2013-2009 | | | 28025 | 2 |
| 990 | 990 Adventure | 2013-2007 | | | 28025 | 2 |
| | 990 Superduke | 2011-2007 | | | 28025 | 2 |
| | 990 Supermoto | 2013-2010 | | | 28025 | 2 |
| Moto Guzzi | | | | | | |
| 1200 | Griso V 1200 8V | 2013-2007 | | | 28010 | 1 |
| | Norge 1200 IE | 2008-2006 | | | 28010 | 1 |
| 1100 | Breva V 1100 IE | 2009-2004 | | | 28010 | 1 |
| | Griso V 1100 IE | 2008-2005 | | | 28010 | 1 |
| 1064 | California | 2012-2003 | | | 28010 | 1 |
| | V11 Models | 2005-2004 | | | 28010 | 1 |
| 750 | Breva 750 IE | 2008-2003 | | | 28010 | 1 |
| | Nevada Classic | 2006-2004 | | | 28010 | 1 |
| Suzuki | | | | | | |
| 1800 | VLR1800 | 2009-2008 | E33 | Front | 28019 | 1 |
| | | | | Rear | 28020 | 1 |
| | VLR1800T | 2009 | E33 | Front | 28019 | 1 |
| | | | | Rear | 28020 | 1 |
| 1500 | VZ1500 | 2009 | Boulevard M90 | | 28031 | 1 |
| 1300 | GSX1300BK | 2008 | B-King | | 28808 | 1 |
| | GSX1300R | 2009-2008 | Hayabusa | | 28806 | 1 |
| 1250 | GSF1250S | 2008-2007 | Bandit | | 28807 | 1 |
| 1000 | GSX-R1000 | 2009 | | | 28807 | 1 |
| | GSX-R1000 | 2008-2007 | | | 28806 | 1 |
| 750 | GSX-R750 | 2009-2008 | | | 28807 | 1 |
| 650 | GSX650F | 2008 | | | 28807 | 1 |
| | SFV650 | 2009 | | | 28807 | 1 |
| | SV650 | 2008 | E33 | | 28805 | 1 |
| | SV650,S,A | 2007-2003 | | | 28805 | 1 |
| | SV650,S,A | 2005 | (Model K7) | | 28805 | 1 |
| | SV650,S,A | 2003 | (Model K7) | | 28805 | 1 |
| | SV650,S,A,F | 2009 | E33 | | 28805 | 1 |
| 600 | GSX-R600 | 2009-2008 | | | 28807 | 1 |
| 400 | AN400 | 2016-2007 | Burgman Series Scooter | | 28005 | 1 |
| 250 | TU250X | 2009 | | | 28814 | 1 |
| Triumph | | | | | | |
| 2294 | Rocket III | 2009-2004 | | | 28024 | 1 |
| | Rocket III Classic | 2006 | | | 28024 | 1 |
| 1050 | Speed Triple | 2009-2006 | | | 28023 | 1 |
| | Sprint ST | 2009-2005 | | | 28023 | 1 |
| | Tiger | 2009-2007 | | | 28023 | 1 |
| 955 | Daytona 955i | 2009-2001 | | | 28023 | 1 |
| | Speed Triple | 2005-2001 | | | 28023 | 1 |
| | Sprint RS | 2004-2001 | | | 28023 | 1 |
| | Sprint ST | 2004-2001 | | | 28023 | 1 |
| | Tiger | 2006-2003 | | | 28023 | 1 |
| 885 | Thunderbird Sport | 2004-2003 | | | 28023 | 1 |
| 600 | Daytona 600 | 2005-2003 | | | 28023 | 1 |
| 599 | Speed Four | 2009-2002 | | | 28023 | 1 |



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**ILLUSTRATED PARTS GUIDE
GUIDE D'ILLUSTRATION DES PIÈCES
GUÍA DE PARTES ILUSTRADA**





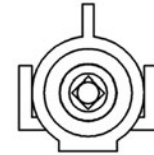
21002 OE Type Unheated ZrO2 Sensor



L Length: 15.25 inches (387mm)



1 Lead Terminated



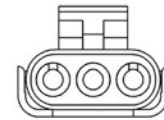
21003 OE Type Heated ZrO2 Sensor



L Length: 12.75 inches (325mm)



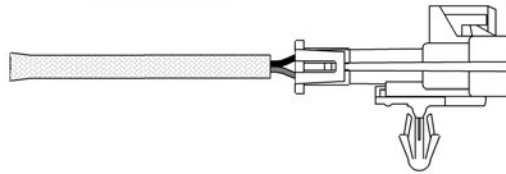
3 Lead Terminated



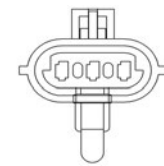
21004 OE Type Heated ZrO2 Sensor



L Length: 12.25 inches (310mm)



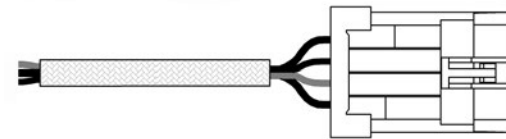
3 Lead Terminated



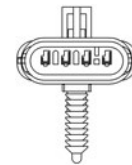
21006 OE Type Heated ZrO2 Sensor



L Length: 13.75 inches (350mm)



4 Lead Terminated



21023 OE Type Heated ZrO2 Sensor



L Length: 12.25 inches (308mm)



4 Lead Terminated



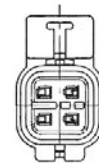
21035 OE Type Heated ZrO2 Sensor



L Length: 16.75 inches (428mm)



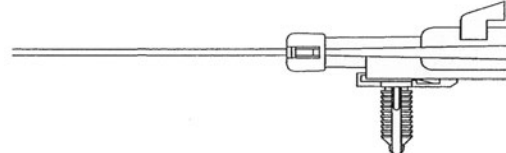
4 Lead Terminated



21039 OE Type Unheated ZrO2 Sensor



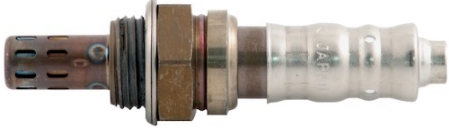
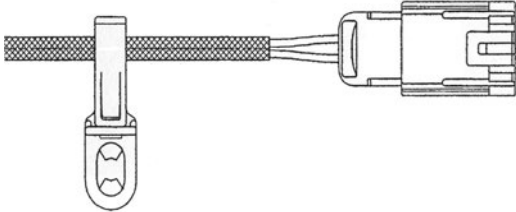
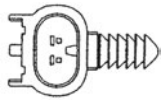
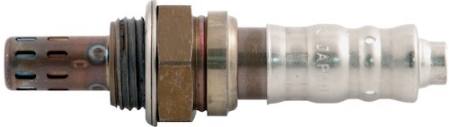
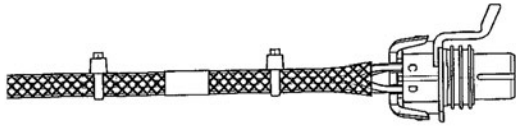
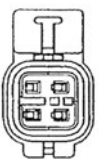




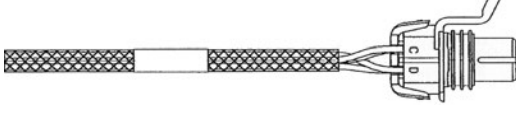
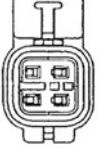




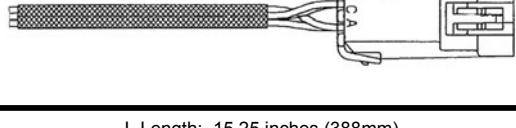
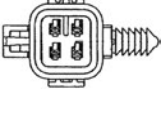


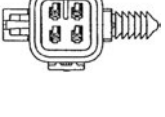
L Length: 15.75 inches (403mm)



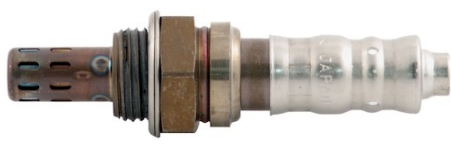
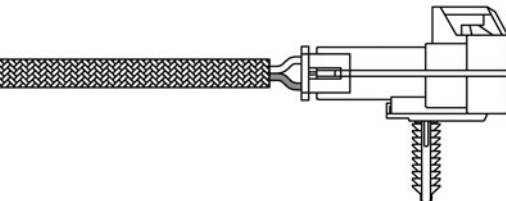

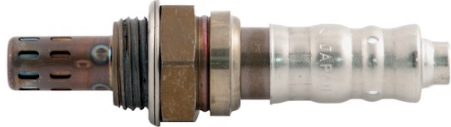


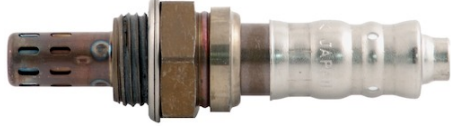
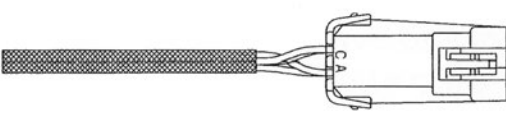





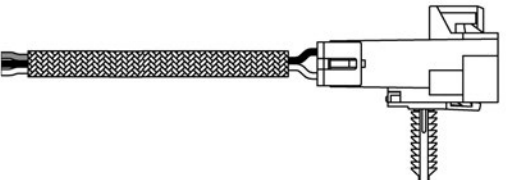


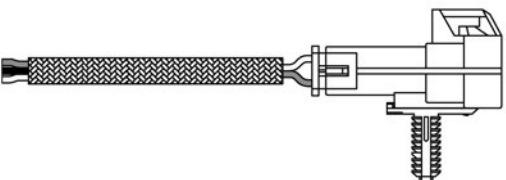
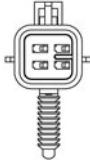


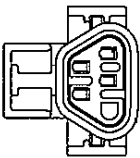
1 Lead Terminated



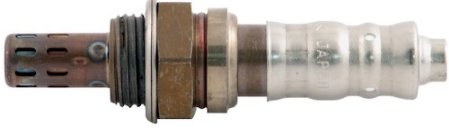
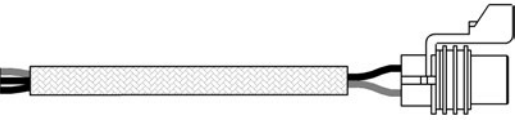

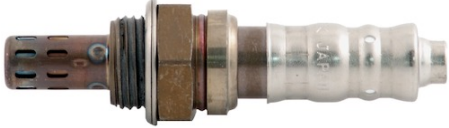

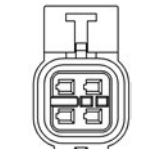


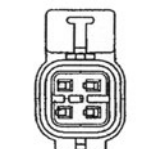

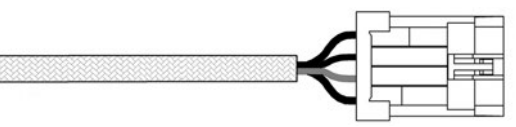
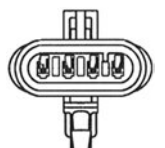


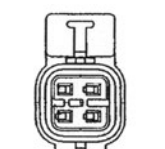


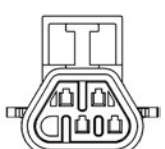

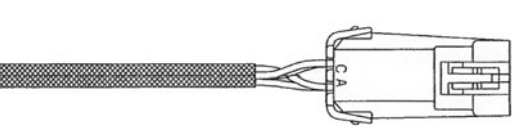



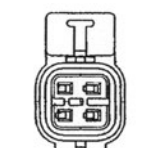


| | | |
|--|--|--|
| <p>21040 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 15.25 inches (388mm)</p>  | <p>2 Lead Terminated</p>  |
| <p>21041 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36.25 inches (923mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21042 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 48.75 inches (1238mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21043 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.75 inches (703mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21044 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (308mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21045 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.75 inches (248mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21046 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.25 inches (388mm)</p>  | <p>4 Lead Terminated</p>  |



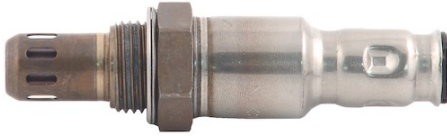
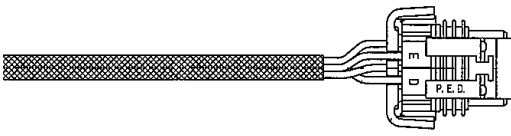

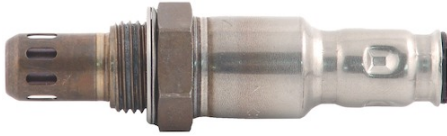
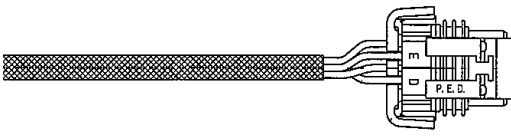

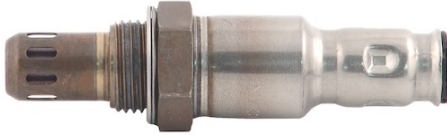


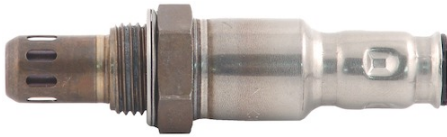
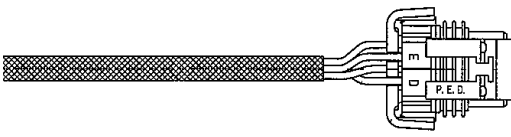

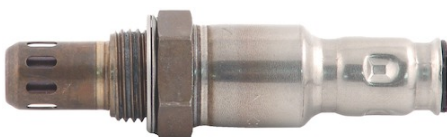
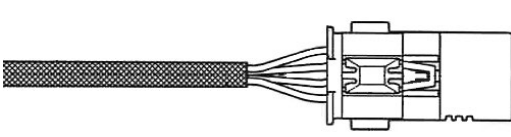

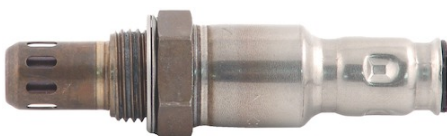
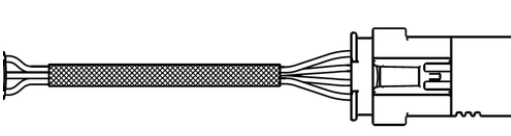
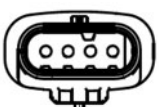
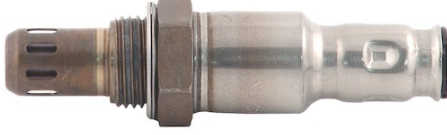
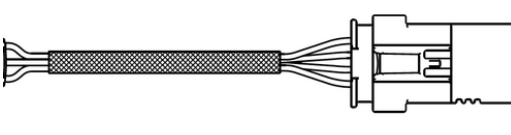
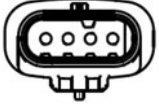
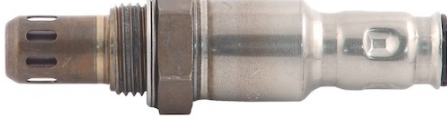
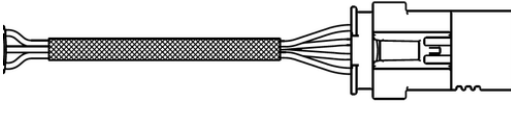
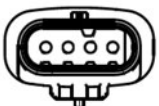
| | | |
|---|--|--|
| <p>21047 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (398mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21048 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13 inches (333mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21049 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (428mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21053 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 42.25 inches (1073mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21054 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.75 inches (478mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21055 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.75 inches (248mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21058 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (378mm)</p>  | <p>4 Lead Terminated</p>  |





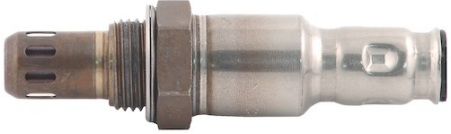
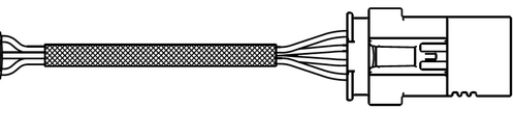

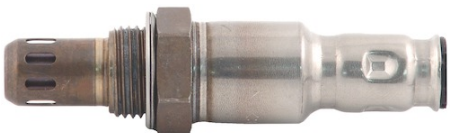


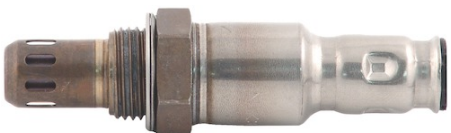
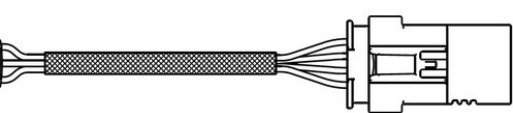
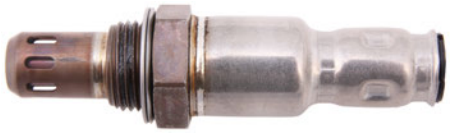
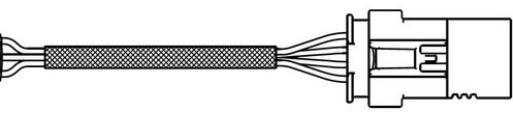
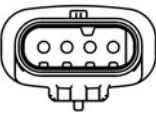

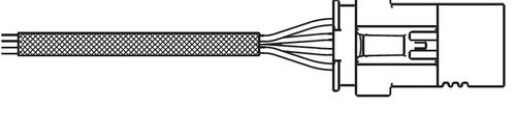
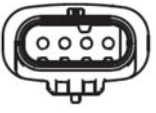
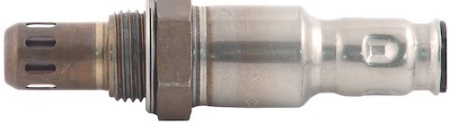
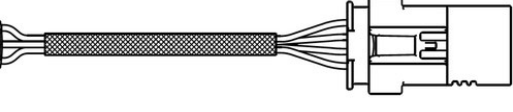

| | | |
|--|---|--|
| <p>21059 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (378mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21060 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (378mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21061 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (553mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21062 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (313mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21063 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9 inches (228mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21064 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (378mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21065 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (378mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21066 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (378mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

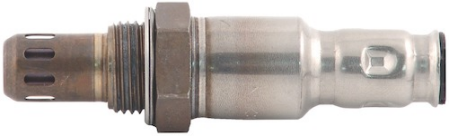
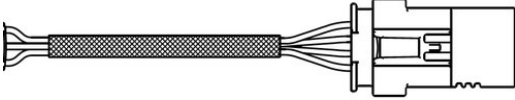

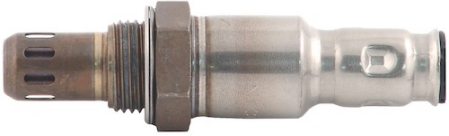
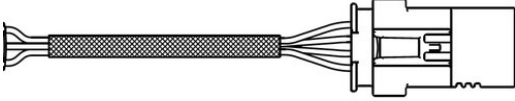

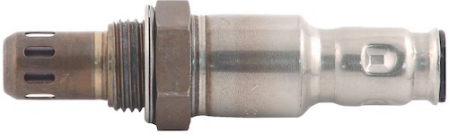
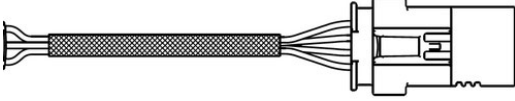

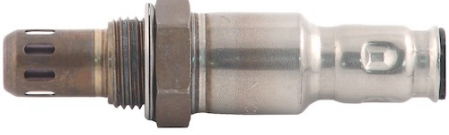
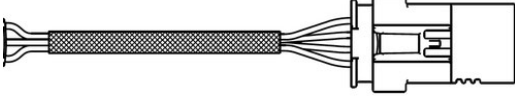
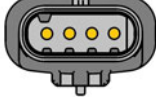
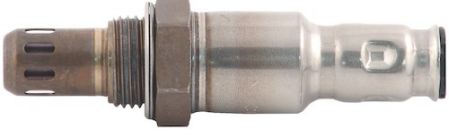
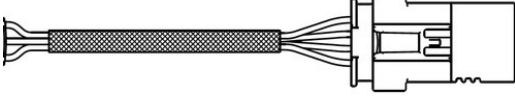
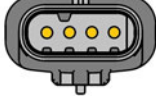


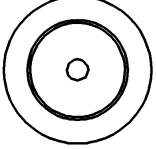

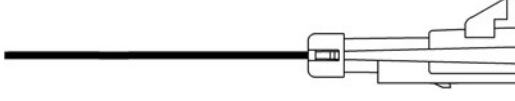




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|---|--|--|
| <p>21067 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (378mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21068 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (312mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21069 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.25 inches (410mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21070 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11 inches (278mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21071 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21072 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (275mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21074 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.25 inches (260mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21075 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.25 inches (335mm)</p>  | <p>4 Lead Terminated</p>  |




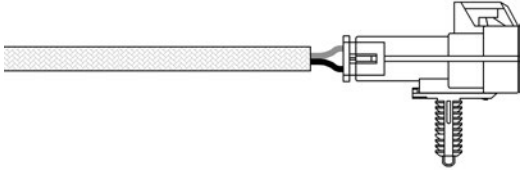


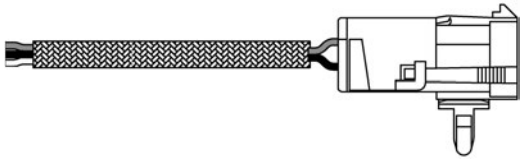



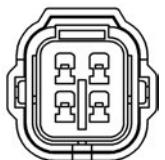


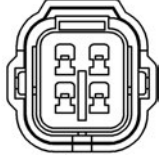

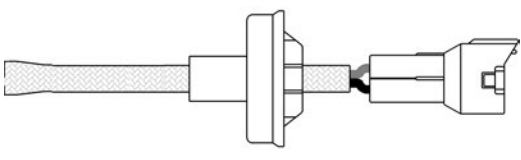
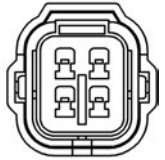


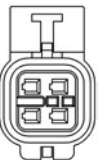

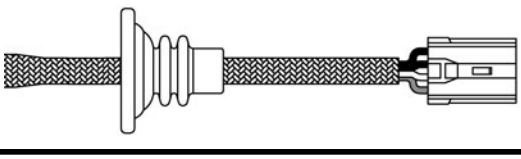
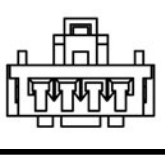


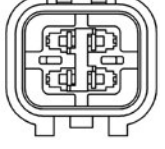
| | | |
|--|--|--|
| <p>21076 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13 inches (330mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21077 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.25 inches (260mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21078 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.25 inches (440mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21079 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21080 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11 inches (280mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21081 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21082 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.25 inches (260mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21083 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |










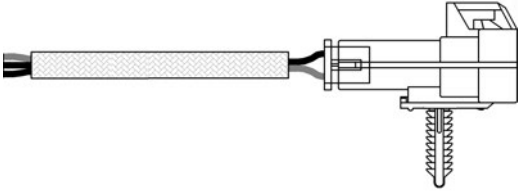
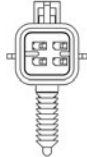

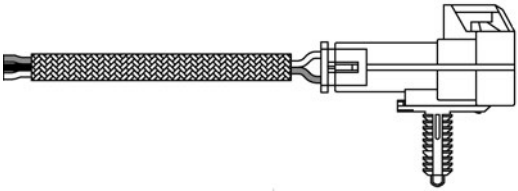


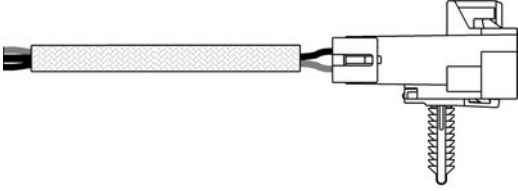



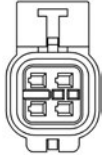


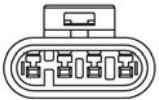
ZrO2 = Zirconia Oxygen Sensor
TiO2 = Titania Oxygen Sensor
WB O2 = Wideband Oxygen Sensor
AFR = Air Fuel Ratio Sensor

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| <p>21084 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21085 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.25 inches (260mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21086 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 8.75 inches (225mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21087 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.25 inches (260mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21088 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21500 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 7 inches (175mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>21502 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 5.5 inches (140mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>21503 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 5.5 inches (140mm)</p>  | <p>1 Lead Terminated</p>  |






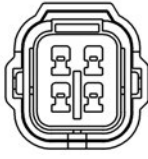





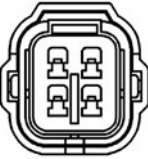


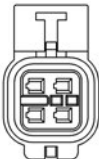


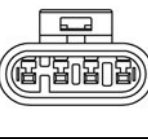





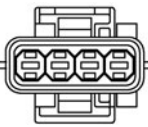


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| <p>21504 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 12.5 inches (320mm)</p>  | <p>2 Lead Terminated</p>  |
| <p>21506 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.5 inches (315mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21507 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21508 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.5 inches (520mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21509 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.75 inches (605mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21510 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21511 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24 inches (610mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21512 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.5 inches (470mm)</p>  | <p>4 Lead Terminated</p>  |



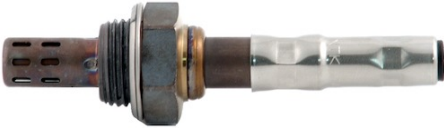




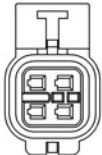
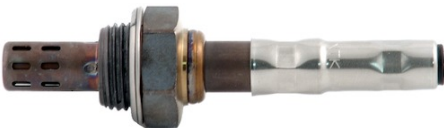

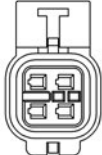

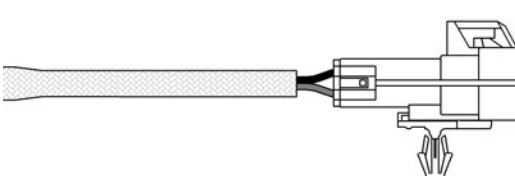


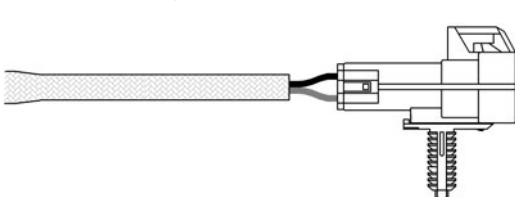


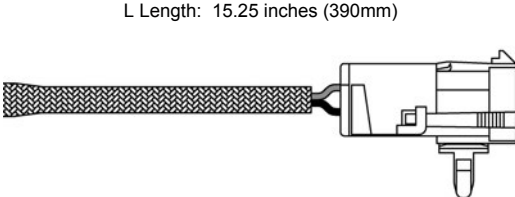


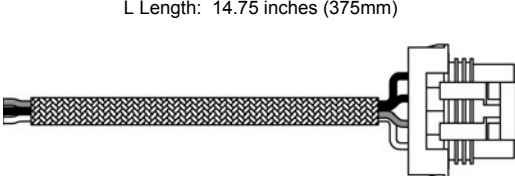



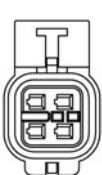
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| <p>21513 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21514 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (460mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21516 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21517 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21518 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21519 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 56 inches (1425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21521 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |



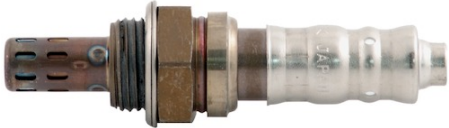

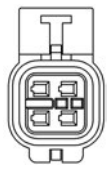

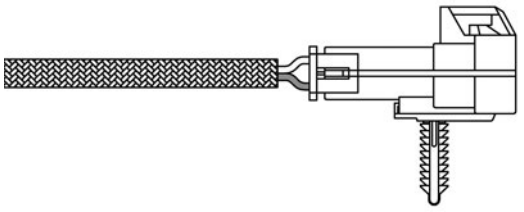


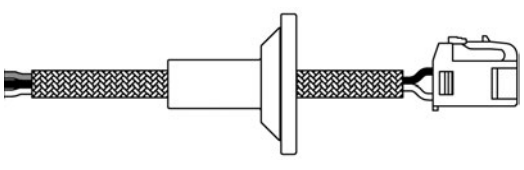
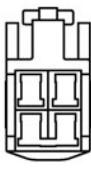





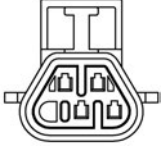


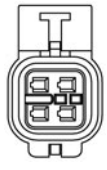

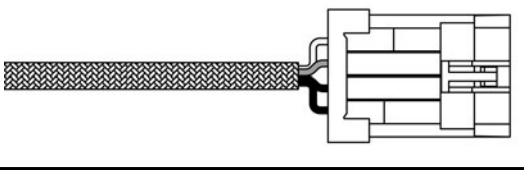
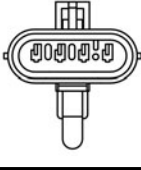

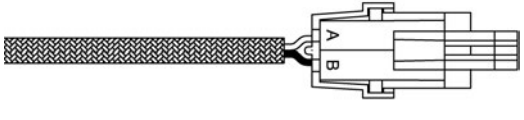

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| <p>21523 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 49.25 inches (1250mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21524 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25 inches (635mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21525 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 28.5 inches (725mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21527 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21528 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.5 inches (320mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21529 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21530 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.5 inches (700mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21531 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 41.25 inches (1045mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor
TiO2 = Titania Oxygen Sensor
WB O2 = Wideband Oxygen Sensor
AFR = Air Fuel Ratio Sensor

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| <p>21535 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21536 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 72.75 inches (1850mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21537 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 45 inches (1140mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21538 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.75 inches (705mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21539 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.25 inches (390mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21541 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.25 inches (390mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>21543 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21544 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |



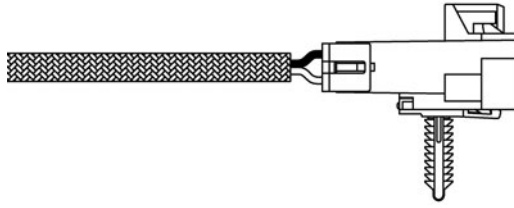
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| <p>21545 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21546 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.5 inches (420mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21547 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21548 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22.75 inches (580mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21549 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (380mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21550 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 67.75 inches (1720mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21551 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21553 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>2 Lead Terminated</p>  |



21555 OE Type Heated ZrO2 Sensor



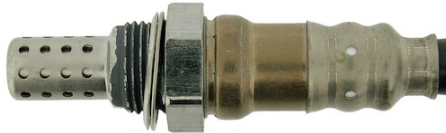
L Length: 21.75 inches (550mm)



4 Lead Terminated



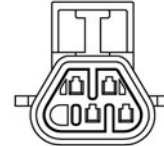
21556 OE Type Heated ZrO2 Sensor



L Length: 20.5 inches (520mm)



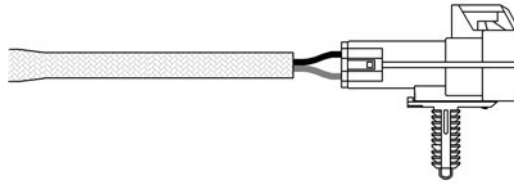
4 Lead Terminated



21558 OE Type Heated ZrO2 Sensor



L Length: 16.5 inches (420mm)



4 Lead Terminated



21559 OE Type Heated ZrO2 Sensor



L Length: 17 inches (430mm)



4 Lead Terminated



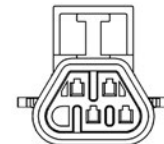
21560 OE Type Heated ZrO2 Sensor



L Length: 15.75 inches (400mm)



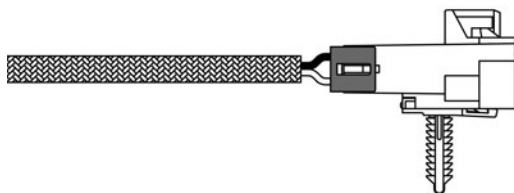
4 Lead Terminated



21561 OE Type Heated ZrO2 Sensor



L Length: 19.75 inches (500mm)



4 Lead Terminated



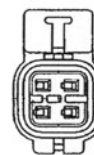
21562 OE Type Heated ZrO2 Sensor










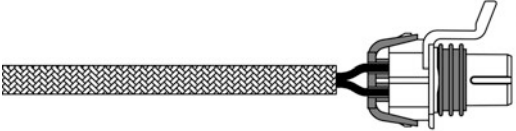





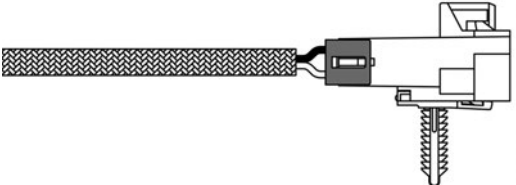




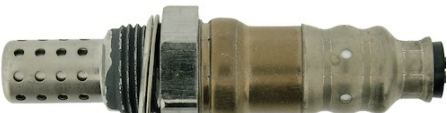
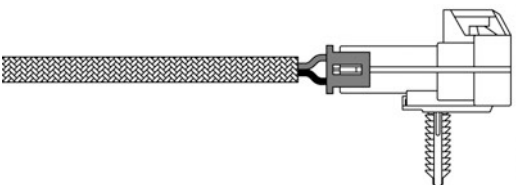

L Length: 15.75 inches (400mm)



4 Lead Terminated



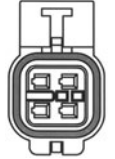





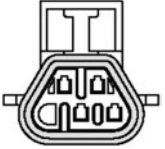

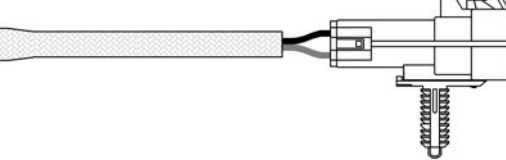

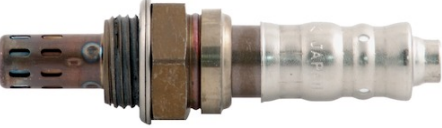




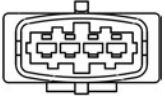




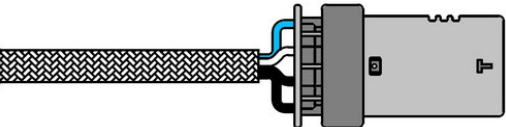
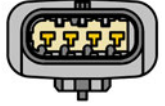





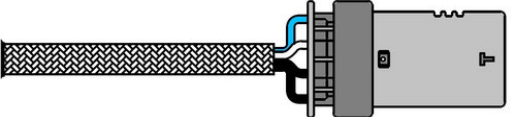
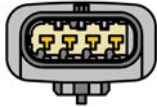


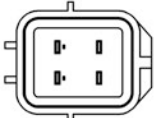







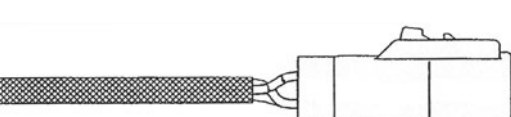
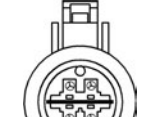

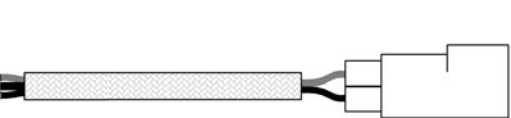
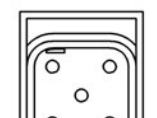

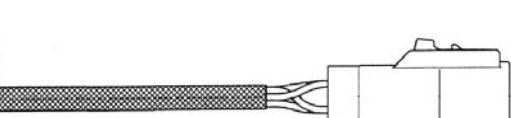


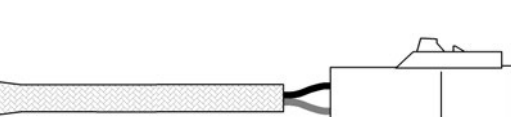
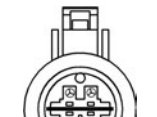
| | | |
|--|--|--|
| <p>21563 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.5 inches (800mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21564 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.5 inches (675mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21565 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 32.5 inches (825mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21566 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.5 inches (675mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21567 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 38.5 inches (975mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21568 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21569 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |





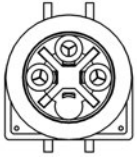
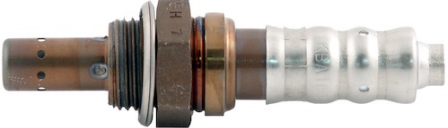
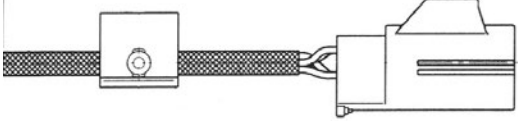



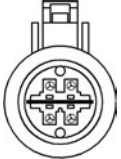
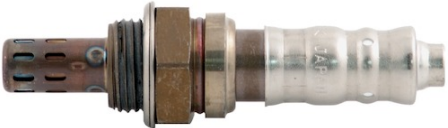
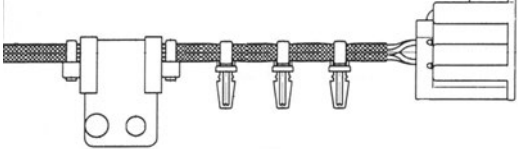
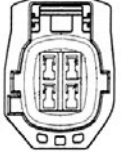
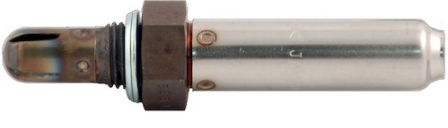
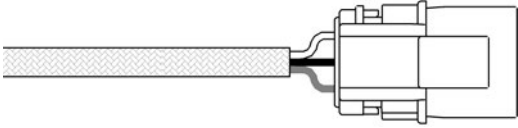


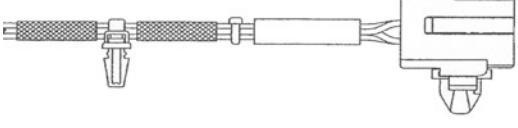
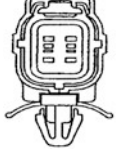
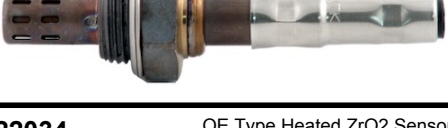



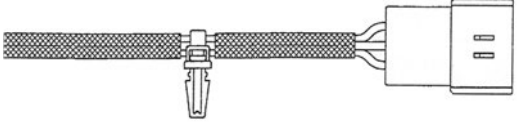
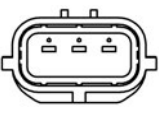
ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

| | | |
|---|--|--|
| <p>21571 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21572 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21574 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21575 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21576 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21577 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (525mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21579 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>21580 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |





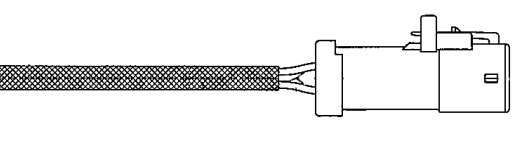


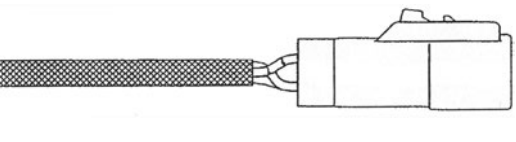

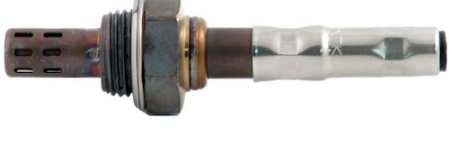
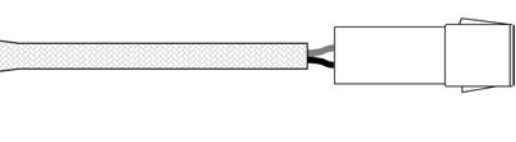
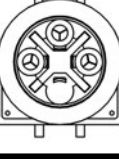

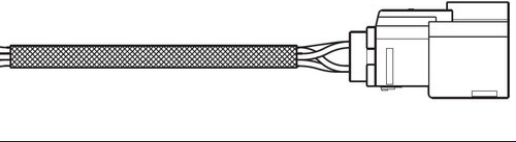


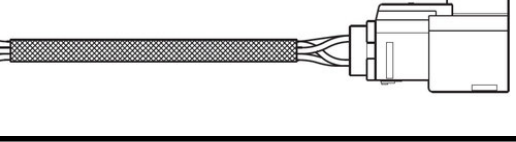

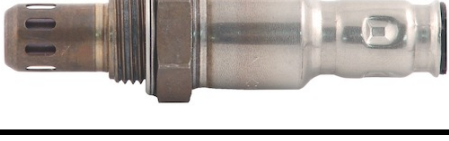
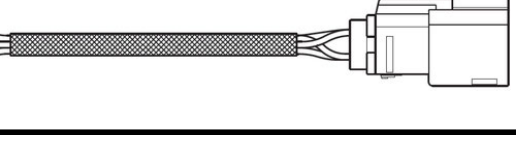


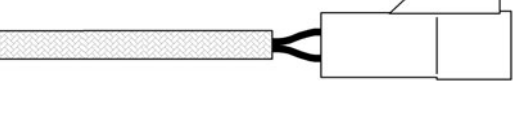
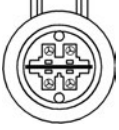


| | | |
|--|--|--|
| <p>21581 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22000 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.5 inches (370mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22001 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 32 inches (810mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22007 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (403mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22009 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (457mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22010 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.75 inches (630mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22012 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.5 inches (393mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22013 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19 inches (482mm)</p>  | <p>3 Lead Terminated</p>  |


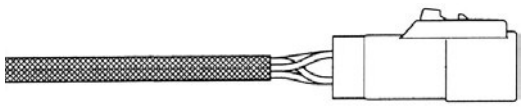
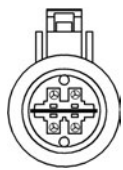
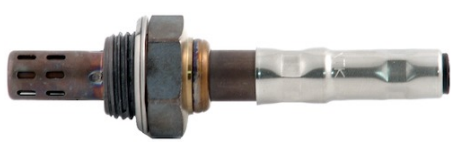
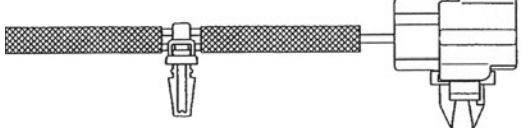

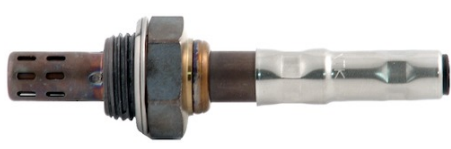


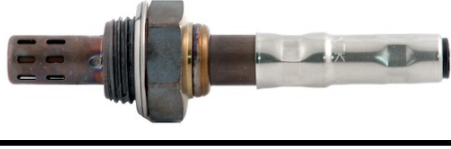
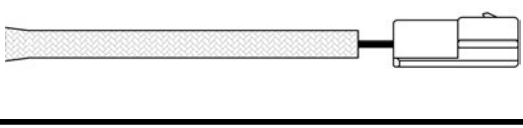
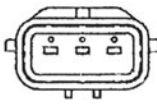




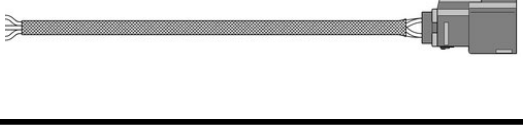

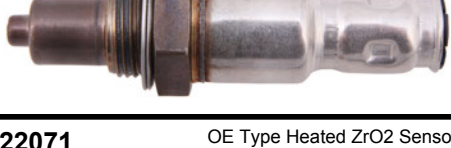
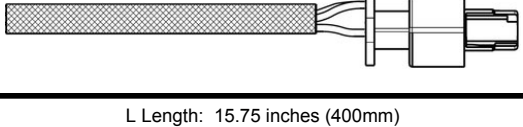
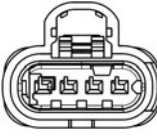


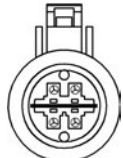


| | | |
|---|--|--|
| <p>22014 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (271mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>22015 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (457mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22016 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22018 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22027 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 29 inches (735mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>22032 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22.75 inches (580mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22033 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>22034 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11 inches (280mm)</p>  | <p>3 Lead Terminated</p>  |

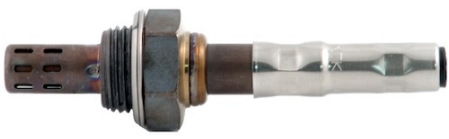
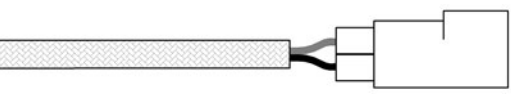
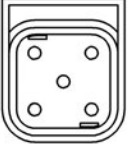

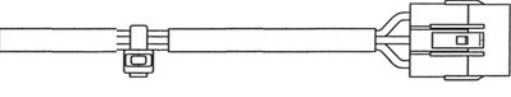
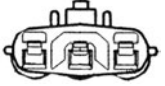


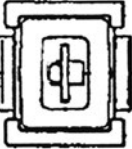


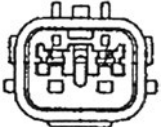
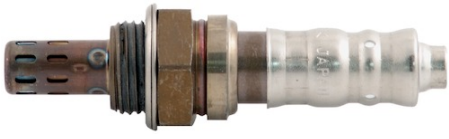

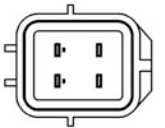
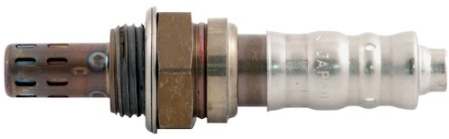

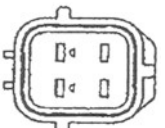

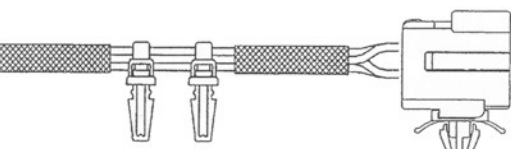


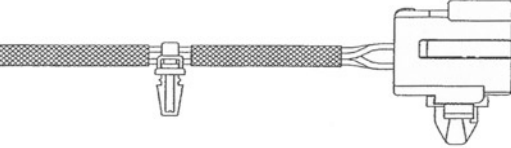



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| <p>22043 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 18.5 inches (470mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>22045 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.5 inches (393mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22046 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (271mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22047 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 46 inches (1170mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>22051 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16 inches (404mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22052 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22053 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.75 inches (681mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22056 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>4 Lead Terminated</p>  |





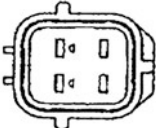

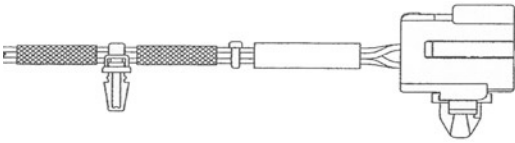
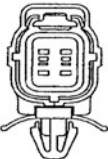

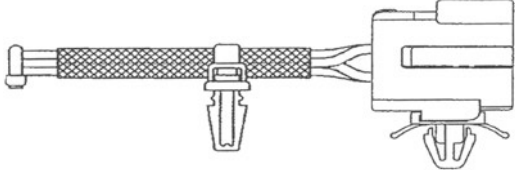

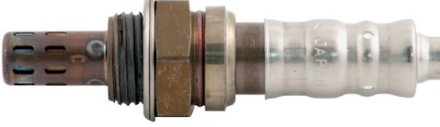
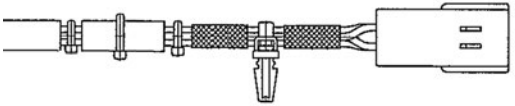
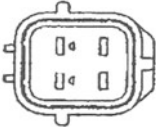
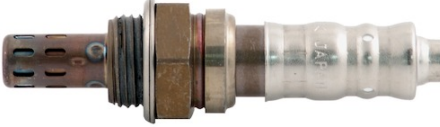
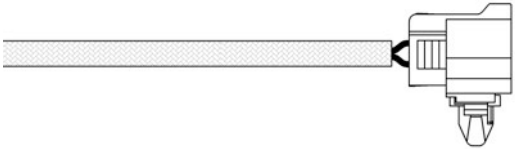
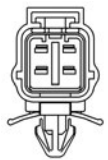

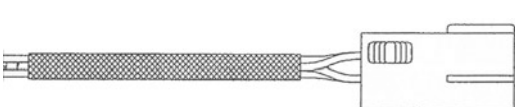
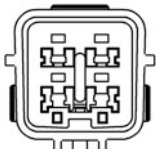

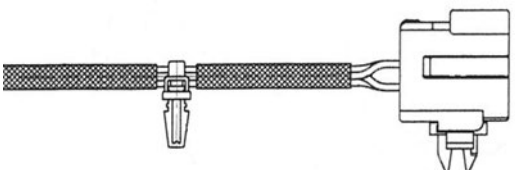


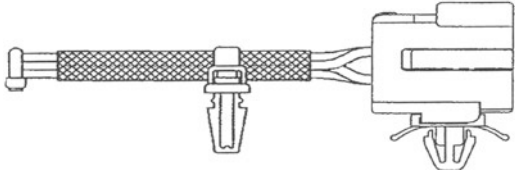

| | | |
|---|--|--|
| <p>22060 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.5 inches (393mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22062 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.25 inches (490mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>22064 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>22065 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>22066 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.5 inches (444mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22068 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.75 inches (626mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22069 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.25 inches (390mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22071 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |



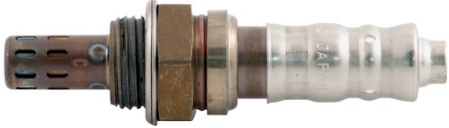
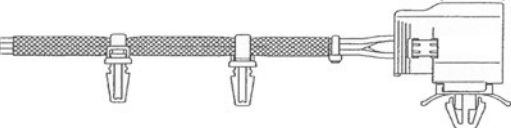
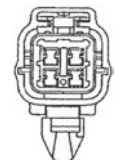
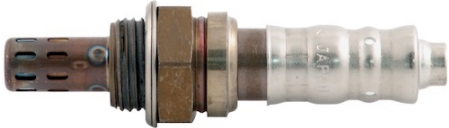
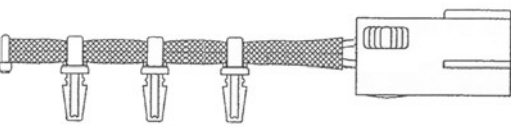
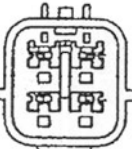
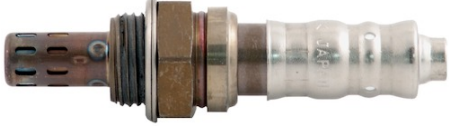

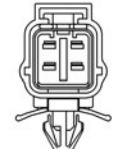

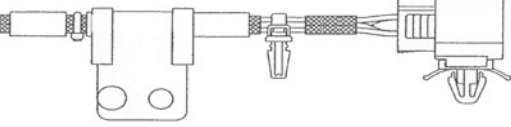
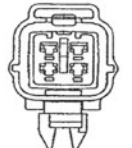


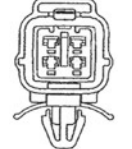

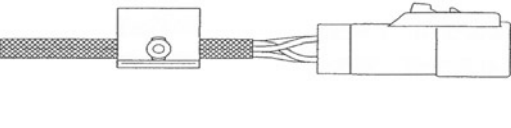
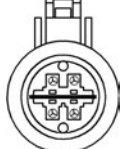

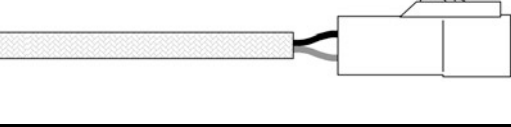




| | | |
|---|--|--|
| <p>22074 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.25 inches (360mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22075 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.5 inches (420mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>22082 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 39.25 inches (1000mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>22085 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 34.25 inches (870mm)</p>  | <p>2 Lead Terminated</p>  |
| <p>22088 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22.75 inches (580mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22089 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22090 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22091 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor


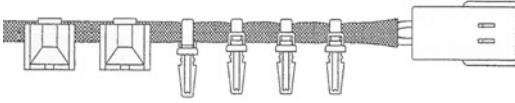
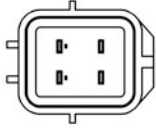
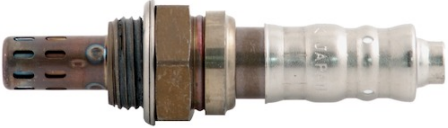
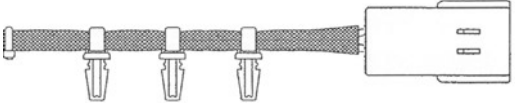
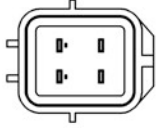





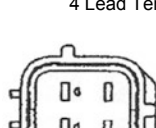




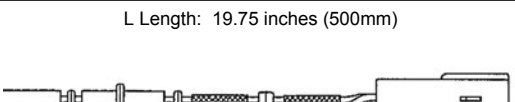
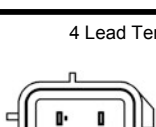

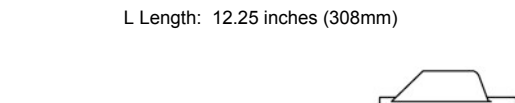
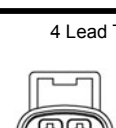
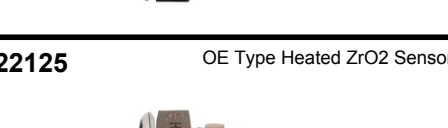
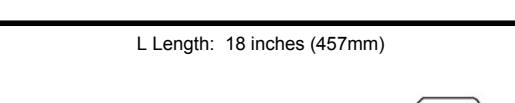

| | | |
|---|--|--|
| <p>22092 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22093 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.5 inches (800mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22094 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.25 inches (640mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22095 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 39.25 inches (1000mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22096 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22097 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.5 inches (470mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22098 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13 inches (330mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22099 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.5 inches (700mm)</p>  | <p>4 Lead Terminated</p>  |



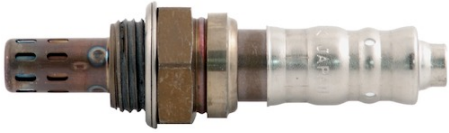
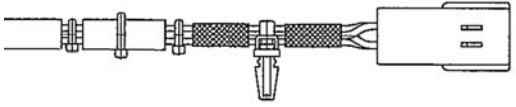
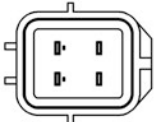

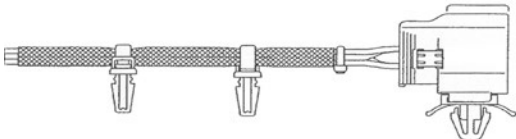
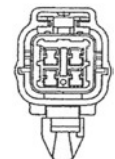
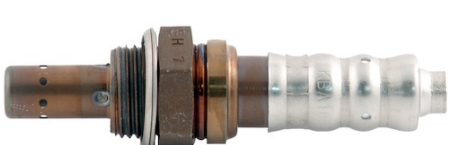



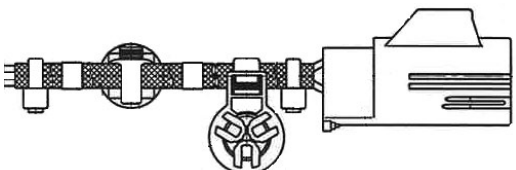
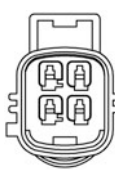

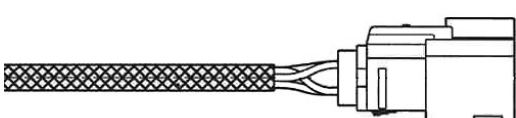


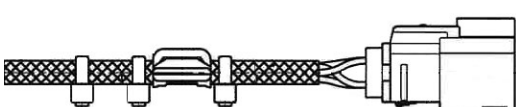


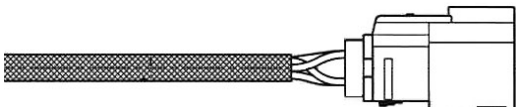


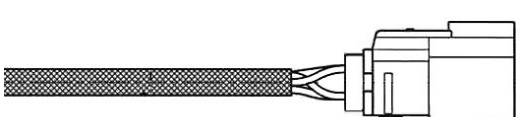

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|--|--|--|
| <p>22100 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36.25 inches (920mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22101 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24 inches (610mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22102 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.25 inches (640mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22103 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22104 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17 inches (430mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22106 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 30 inches (762mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22113 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19 inches (483mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22114 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |



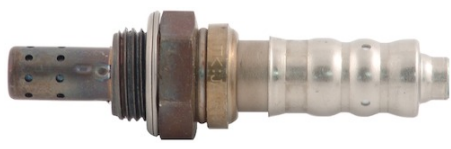
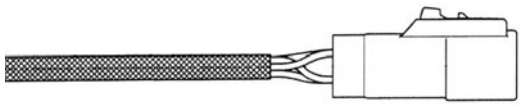
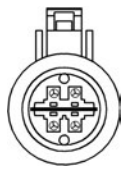
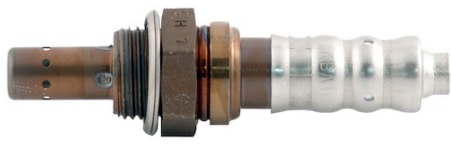


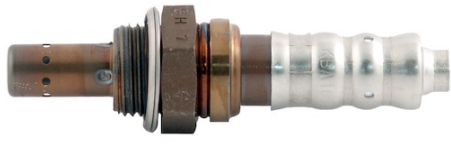


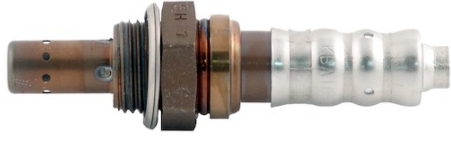


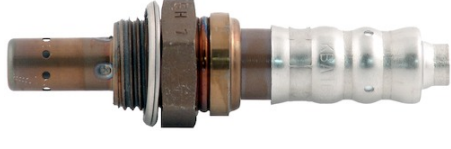
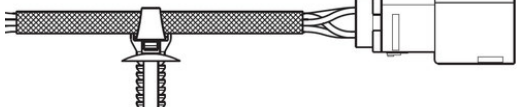


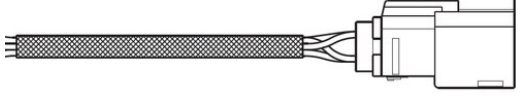

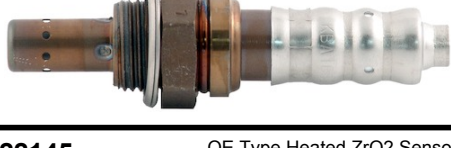

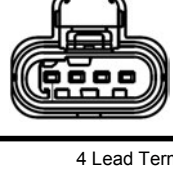



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

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| <p>22115 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 48.5 inches (1230mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22116 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.5 inches (620mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22117 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (530mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22118 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22119 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22120 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22124 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (308mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22125 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (457mm)</p>  | <p>4 Lead Terminated</p>  |





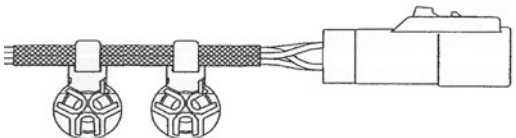
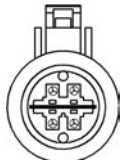
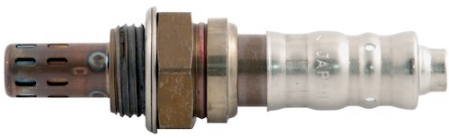
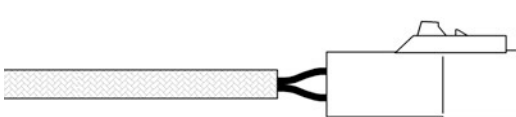
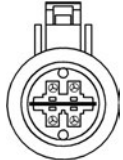


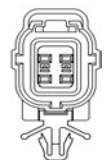


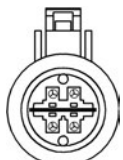

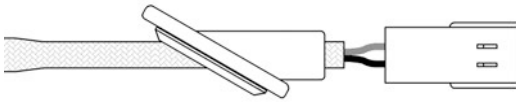
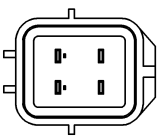


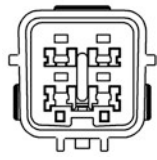


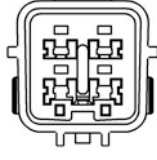


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| <p>22126 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 33.75 inches (860mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22129 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 34.75 inches (885mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22130 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (323mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22132 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 44.25 inches (1127mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22134 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.5 inches (315mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22135 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.5 inches (444mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22136 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (380mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22137 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.25 inches (258mm)</p>  | <p>4 Lead Terminated</p>  |



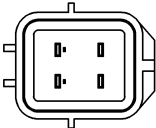


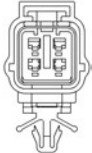







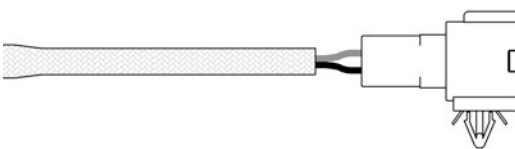
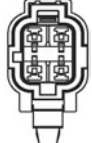

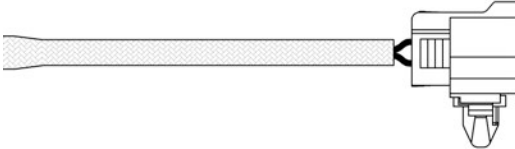

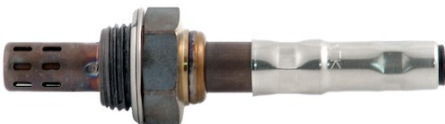
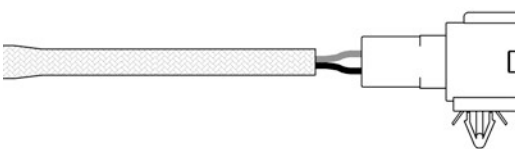
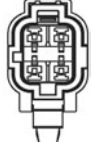





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| <p>22138 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.25 inches (385mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22139 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.5 inches (444mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22140 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.5 inches (797mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22141 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.75 inches (680mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22142 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.5 inches (444mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22143 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11 inches (277mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22144 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.25 inches (390mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22145 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16 inches (404mm)</p>  | <p>4 Lead Terminated</p>  |

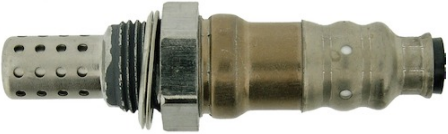
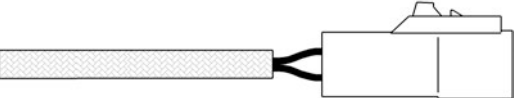



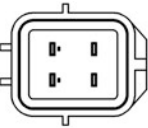
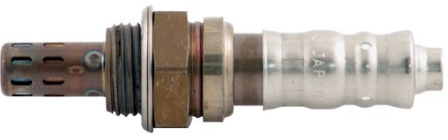

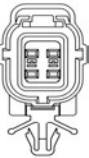


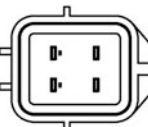





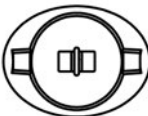
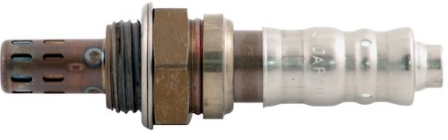
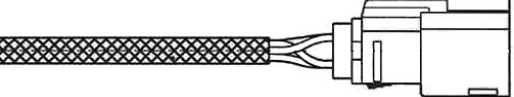






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| <p>22146 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 28 inches (710mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22500 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17 inches (432mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22501 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 30 inches (765mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22502 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.25 inches (740mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22503 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22 inches (558mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22504 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22505 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26 inches (660mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22506 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |



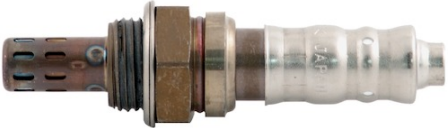
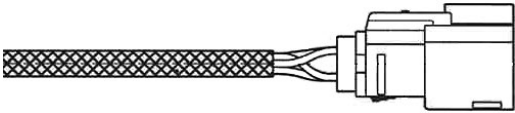


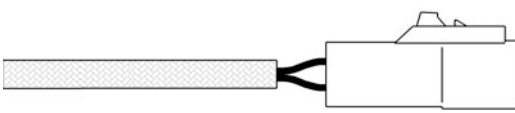
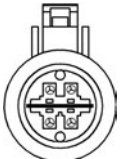
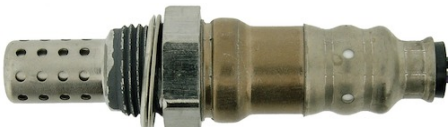















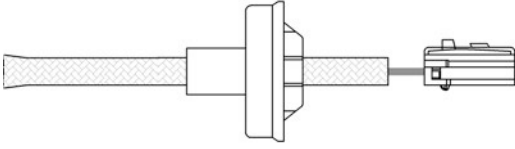
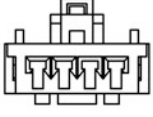
| | | |
|---|---|--|
| <p>22507 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22 inches (560mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22510 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 34.75 inches (880mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22513 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.25 inches (465mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22514 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26 inches (660mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22516 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.25 inches (640mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22519 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.25 inches (335mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22521 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 50.75 inches (1290mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22523 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.75 inches (250mm)</p>  | <p>4 Lead Terminated</p>  |




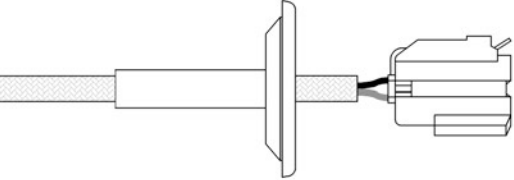



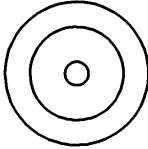
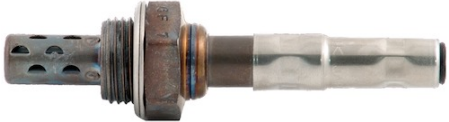
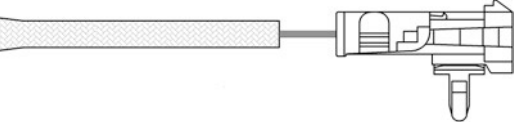

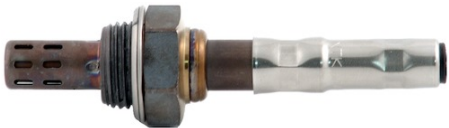
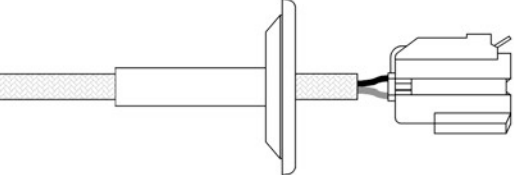


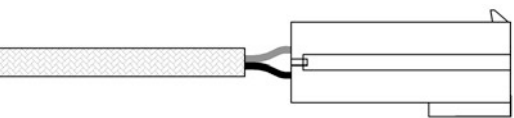
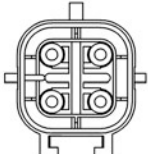
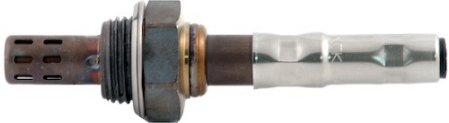
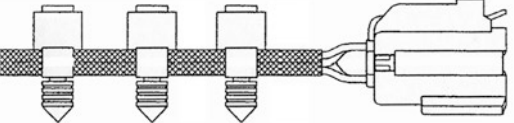
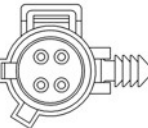



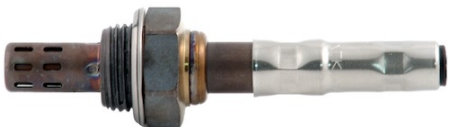
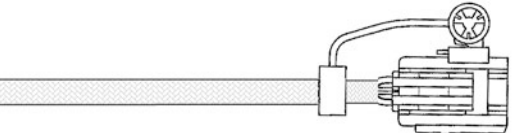

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| <p>22524 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22528 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22531 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22532 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (380mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22533 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22534 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>22535 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22536 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.5 inches (700mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

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|---|--|--|
| <p>22537 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22538 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.25 inches (745mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22539 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.5 inches (750mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22540 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22541 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22542 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.5 inches (750mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>22543 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.5 inches (750mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23001 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25 inches (635mm)</p>  | <p>4 Lead Terminated</p>  |



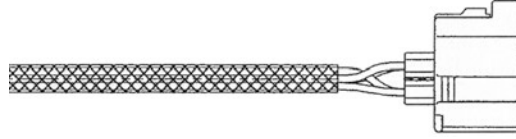
| | | |
|--|--|--|
| <p>23002 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23004 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 6.75 inches (170mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>23005 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>23006 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.25 inches (895mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23007 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (555mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23008 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 50.5 inches (1285mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23014 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (457mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23016 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |



23018 OE Type Heated ZrO2 Sensor



L Length: 18 inches (457mm)



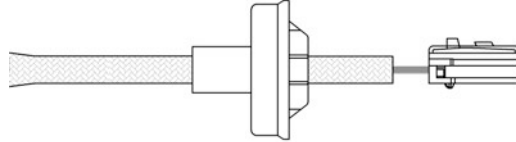
4 Lead Terminated



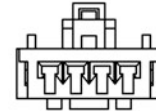
23020 OE Type Heated ZrO2 Sensor



L Length: 25 inches (635mm)



4 Lead Terminated



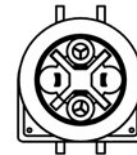
23021 OE Type Unheated ZrO2 Sensor



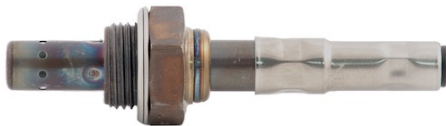
L Length: 19.75 inches (500mm)



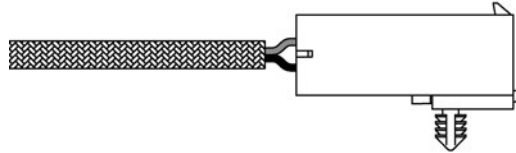
2 Lead Terminated



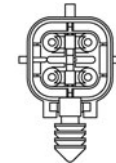
23023 OE Type Heated ZrO2 Sensor



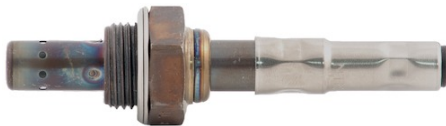
L Length: 23.25 inches (590mm)



4 Lead Terminated



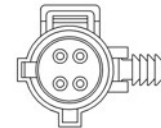
23025 OE Type Heated ZrO2 Sensor



L Length: 23.25 inches (590mm)



4 Lead Terminated



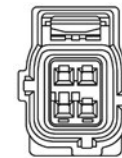
23026 OE Type Heated ZrO2 Sensor



L Length: 26.75 inches (680mm)



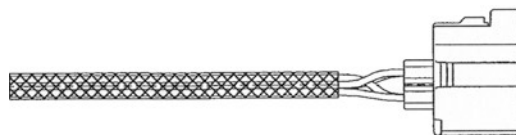
4 Lead Terminated



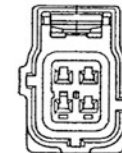
23030 OE Type Heated ZrO2 Sensor



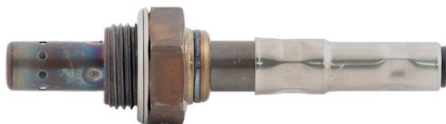
L Length: 11.75 inches (300mm)



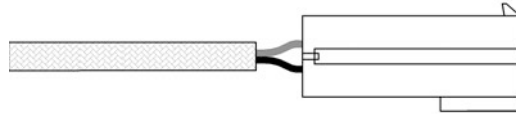
4 Lead Terminated



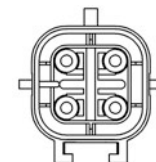
23032 OE Type Heated ZrO2 Sensor



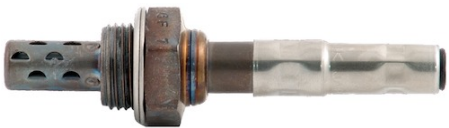
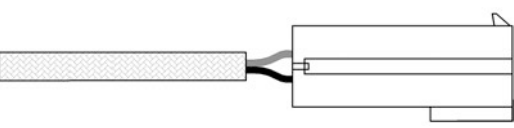
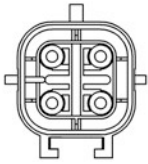
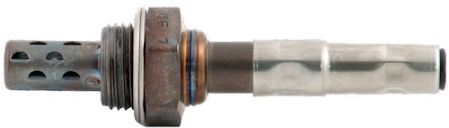
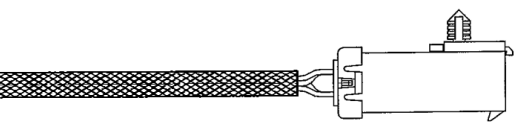
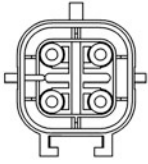
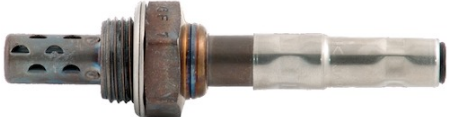

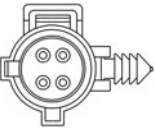
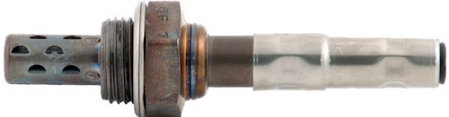

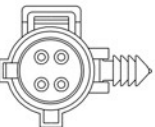


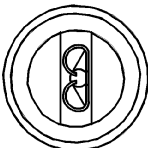
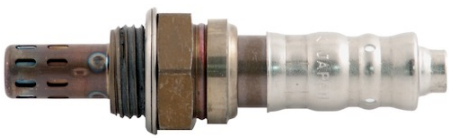
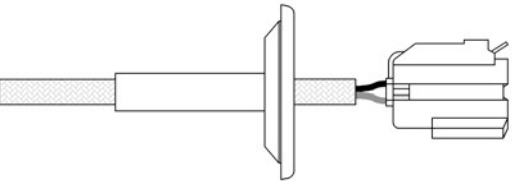
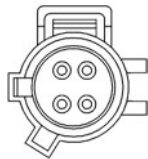
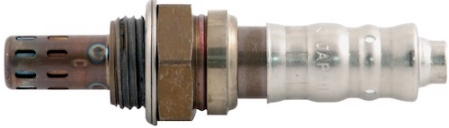

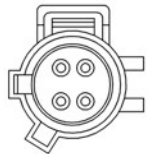


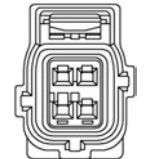
L Length: 35.75 inches (910mm)



4 Lead Terminated



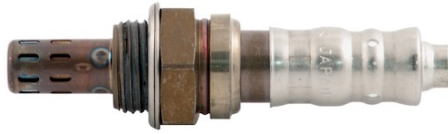


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| <p>23035 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 57.75 inches (1470mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23036 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23039 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23041 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (457mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23044 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 19 inches (485mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>23047 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.25 inches (895mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23048 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23051 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (460mm)</p>  | <p>4 Lead Terminated</p>  |

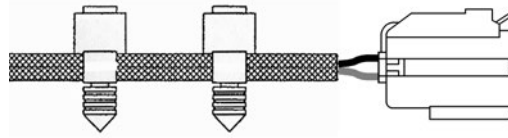


ZrO2 = Zirconia Oxygen Sensor
TiO2 = Titania Oxygen Sensor
WB O2 = Wideband Oxygen Sensor
AFR = Air Fuel Ratio Sensor

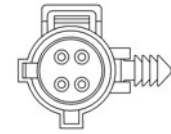
23055 OE Type Heated ZrO2 Sensor



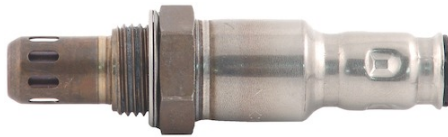
L Length: 27.25 inches (690mm)



4 Lead Terminated



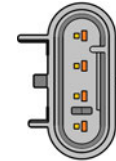
23057 OE Type Heated ZrO2 Sensor



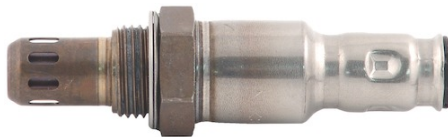
L Length: 12.25 inches (310mm)



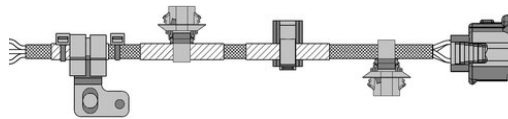
4 Lead Terminated



23058 OE Type Heated ZrO2 Sensor



L Length: 31 inches (790mm)



4 Lead Terminated



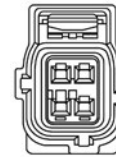
23069 OE Type Heated ZrO2 Sensor



L Length: 18 inches (457mm)



4 Lead Terminated



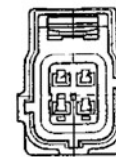
23070 OE Type Heated ZrO2 Sensor



L Length: 10 inches (254mm)



4 Lead Terminated



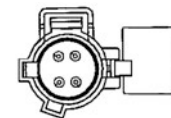
23088 OE Type Heated ZrO2 Sensor



L Length: 14 inches (356mm)



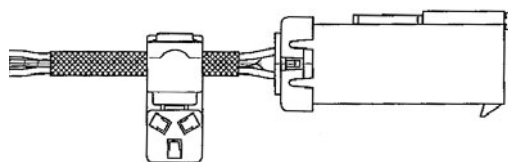
4 Lead Terminated



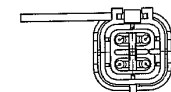
23093 OE Type Heated ZrO2 Sensor




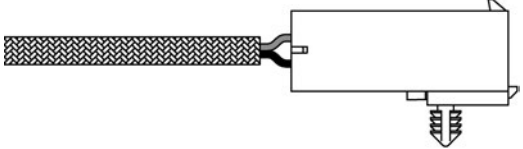
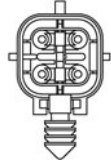
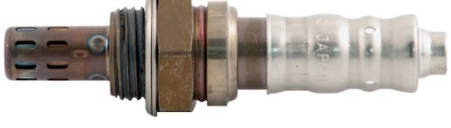
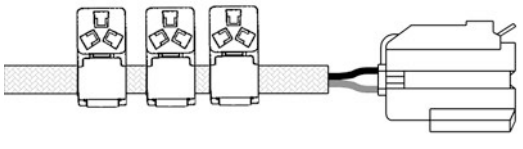
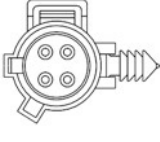

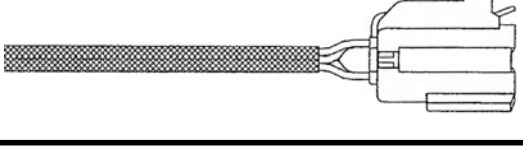
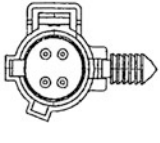

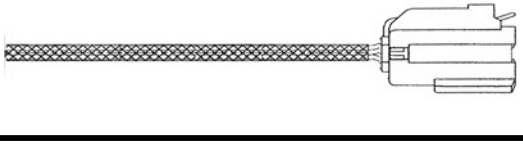
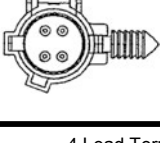

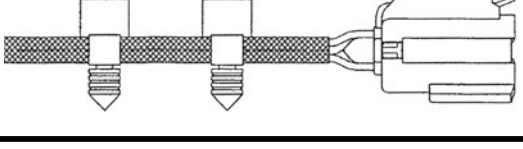
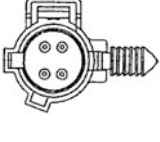

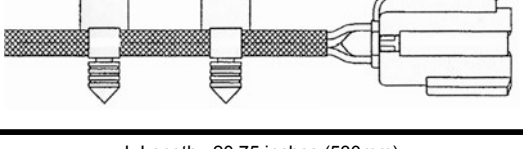
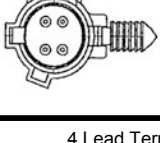
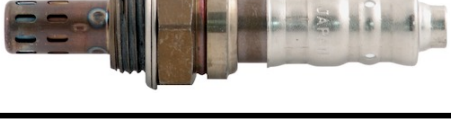
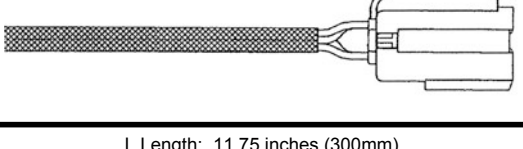
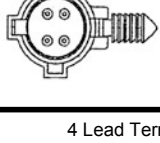

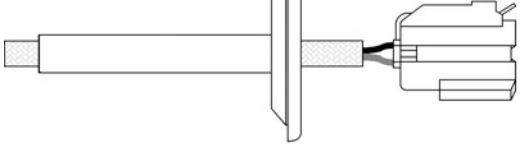
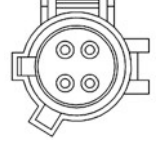
L Length: 16.75 inches (425mm)



4 Lead Terminated



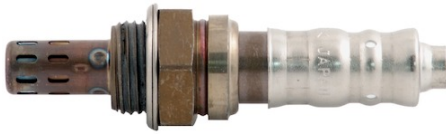


| | | |
|--|--|--|
| <p>23094 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.25 inches (895mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23097 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 32.75 inches (830mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23098 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14 inches (355mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23099 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (457mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23100 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 41.5 inches (1055mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23101 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 50.5 inches (1285mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23102 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (530mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23105 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |

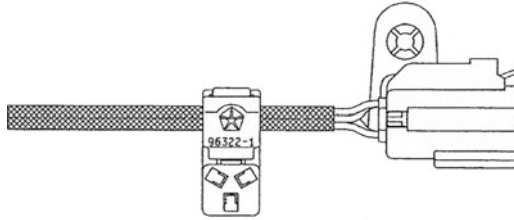


ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

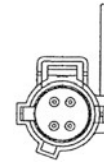
23106 OE Type Heated ZrO2 Sensor



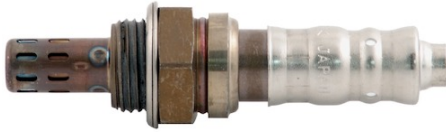
L Length: 16.75 inches (425mm)



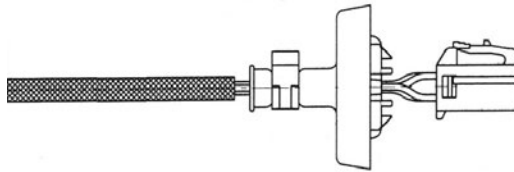
4 Lead Terminated



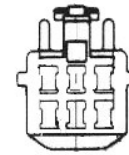
23108 OE Type Heated ZrO2 Sensor



L Length: 11.75 inches (300mm)



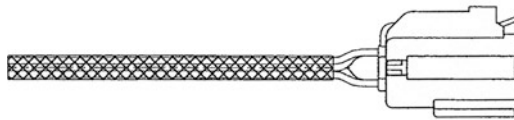
4 Lead Terminated



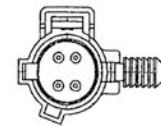
23110 OE Type Heated ZrO2 Sensor



L Length: 9.5 inches (241mm)



4 Lead Terminated



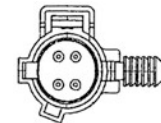
23114 OE Type Heated ZrO2 Sensor



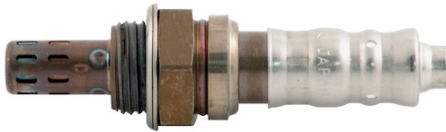
L Length: 24.5 inches (620mm)



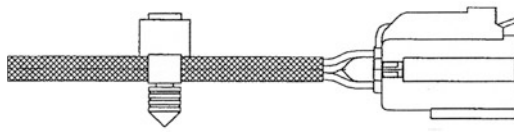
4 Lead Terminated



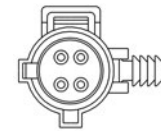
23115 OE Type Heated ZrO2 Sensor



L Length: 20.25 inches (515mm)



4 Lead Terminated



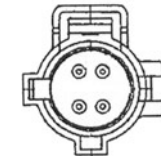
23118 OE Type Heated ZrO2 Sensor



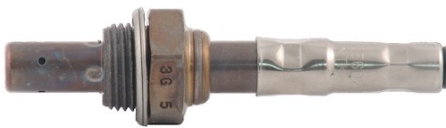
L Length: 16.75 inches (425mm)



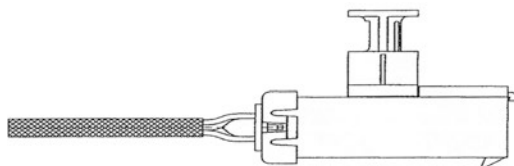
4 Lead Terminated



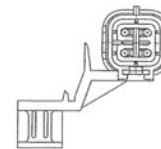
23119 OE Type Heated ZrO2 Sensor




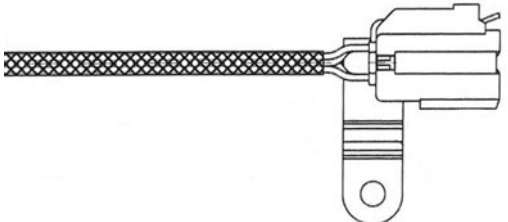
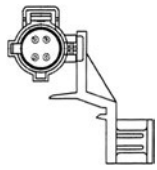

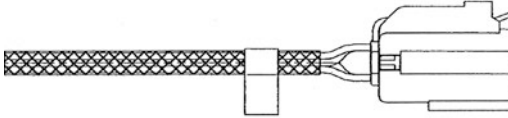
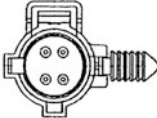


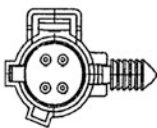


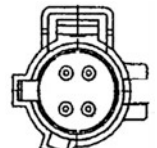


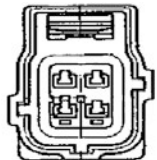

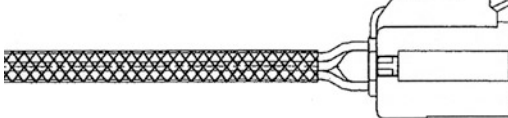
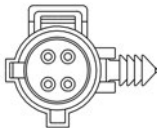


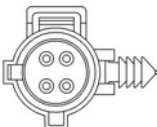
L Length: 22 inches (559mm)



4 Lead Terminated

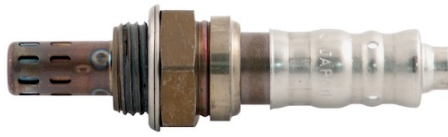




| | | |
|--|--|--|
| <p>23121 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22 inches (559mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23122 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.25 inches (260mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23123 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.75 inches (805mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23124 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (270mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23125 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (270mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23126 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23127 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |



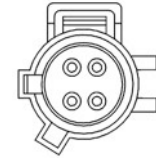
23128 OE Type Heated ZrO2 Sensor



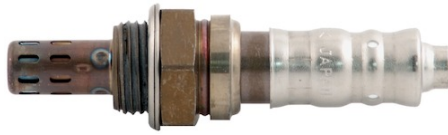
L Length: 11.75 inches (300mm)



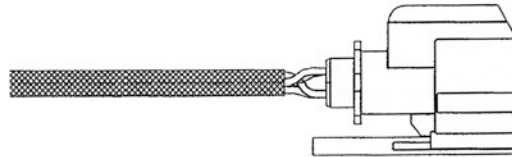
4 Lead Terminated



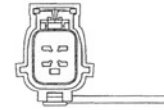
23129 OE Type Heated ZrO2 Sensor



L Length: 16.75 inches (425mm)



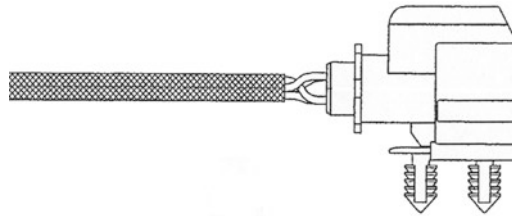
4 Lead Terminated



23130 OE Type Heated ZrO2 Sensor



L Length: 11.75 inches (300mm)



4 Lead Terminated



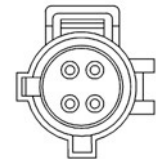
23131 OE Type Heated ZrO2 Sensor



L Length: 15 inches (380mm)



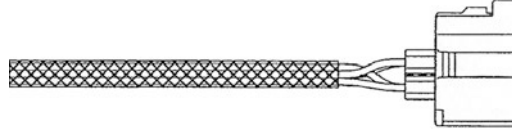
4 Lead Terminated



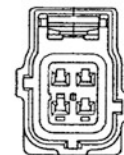
23132 OE Type Heated ZrO2 Sensor



L Length: 18 inches (457mm)



4 Lead Terminated



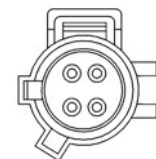
23133 OE Type Heated ZrO2 Sensor



L Length: 15 inches (380mm)



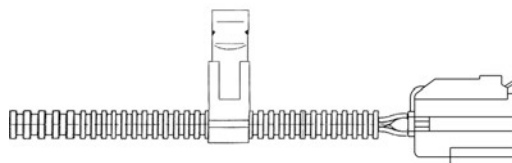
4 Lead Terminated



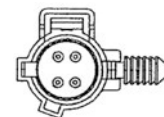
23134 OE Type Heated ZrO2 Sensor




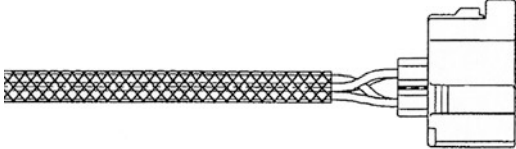
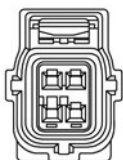

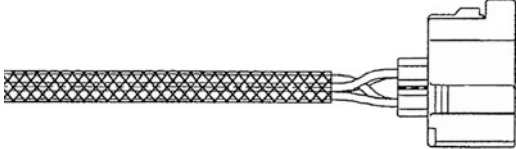
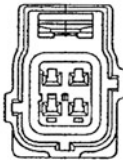


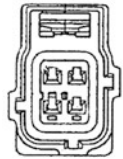


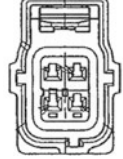
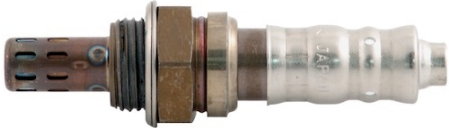
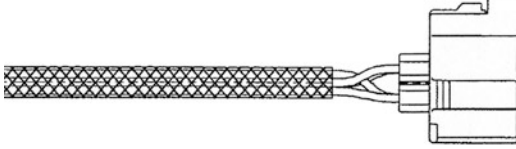
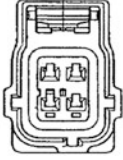
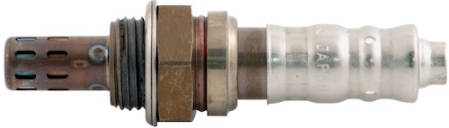

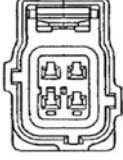
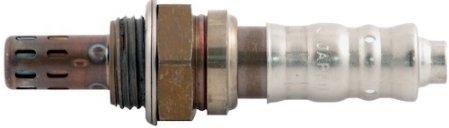

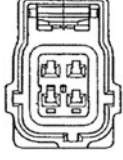
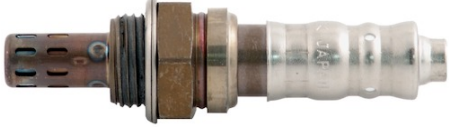

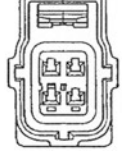
L Length: 20.5 inches (520mm)



4 Lead Terminated


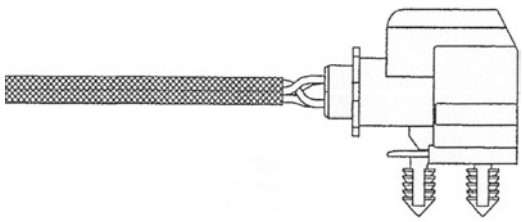
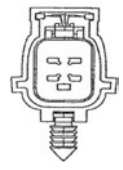
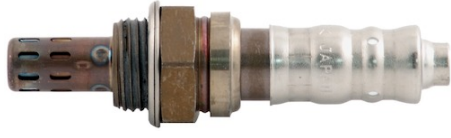
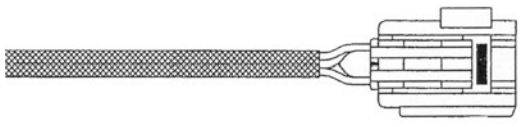
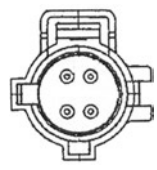
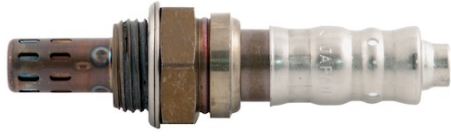
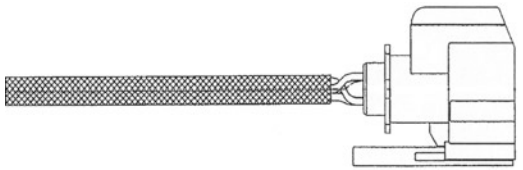
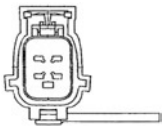

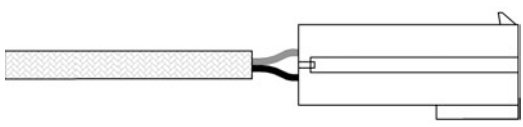
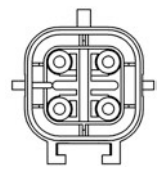

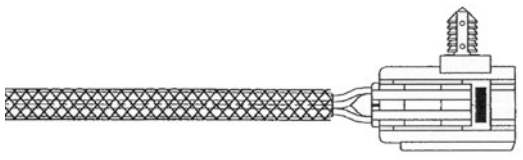
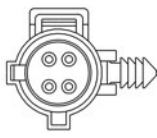

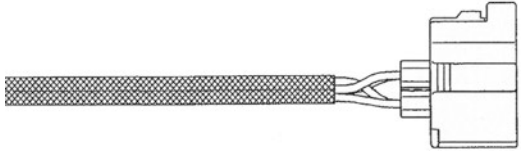
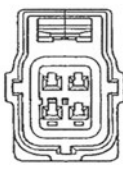

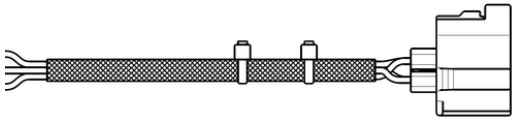
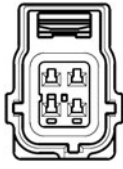




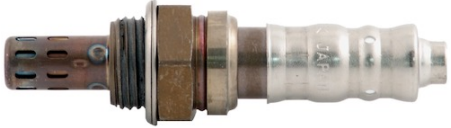
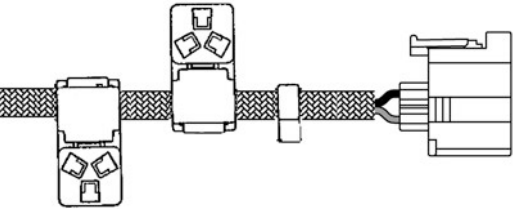
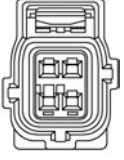


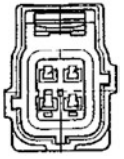
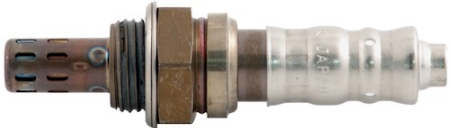
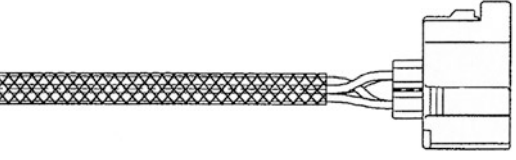
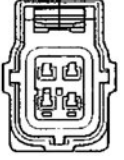


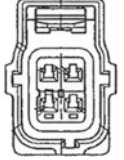


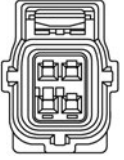


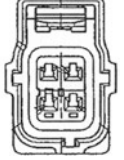
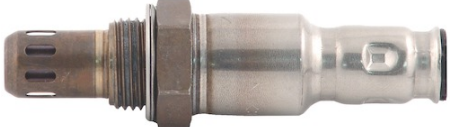
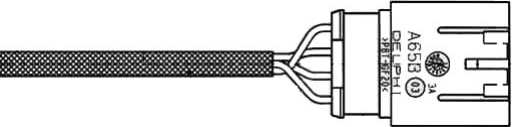
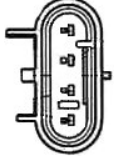
| | | |
|--|---|--|
| <p>23135 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23137 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (457mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23138 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23139 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (457mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23140 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (457mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23141 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (457mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23142 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.5 inches (342mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23143 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (380mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor


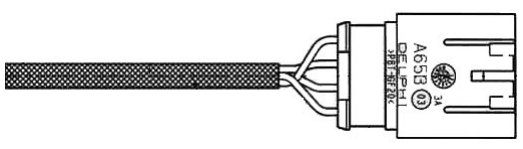
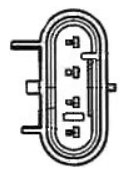

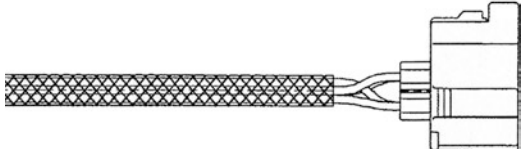
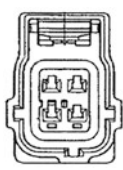
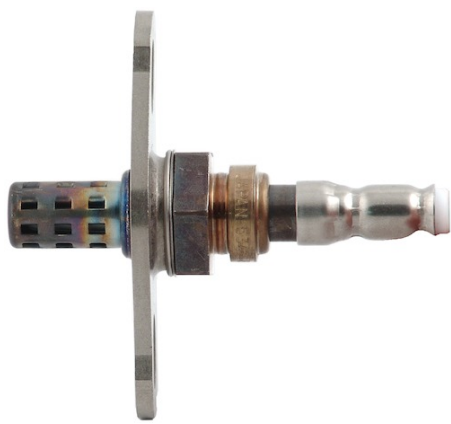
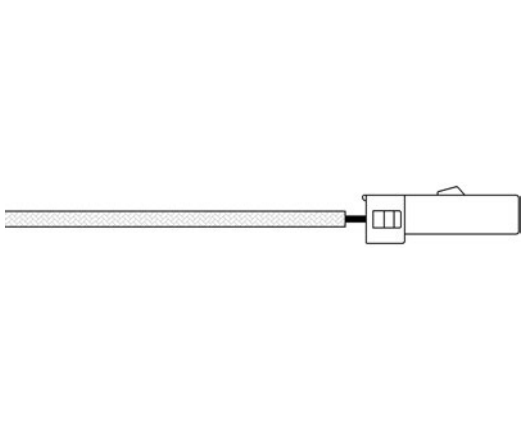
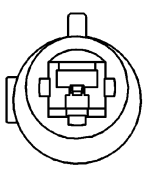



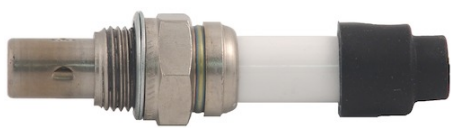

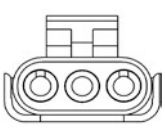


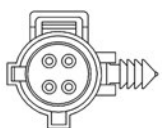


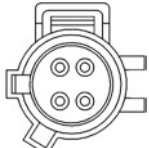
| | | |
|---|--|--|
| <p>23144 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23145 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23146 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23148 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.25 inches (895mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23151 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (457mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23152 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23154 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25 inches (637mm)</p>  | <p>4 Lead Terminated</p>  |





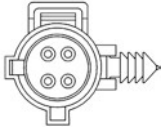
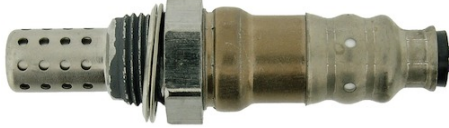

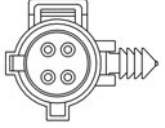
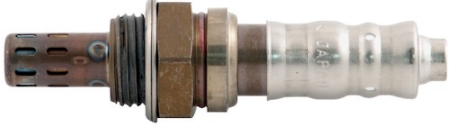
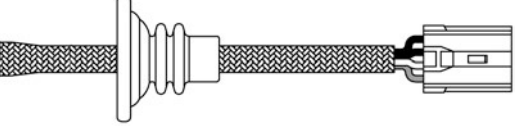



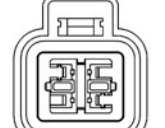


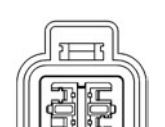

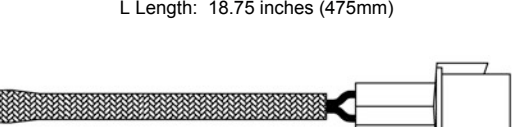
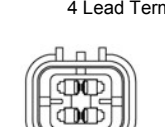

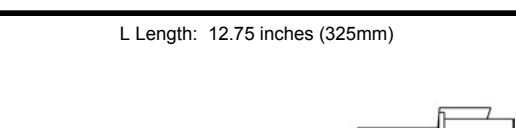
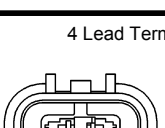
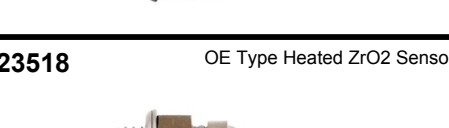
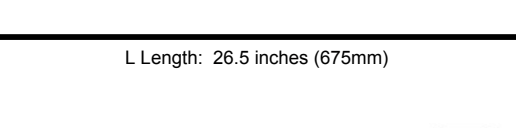
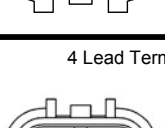
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| <p>23155 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.5 inches (625mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23158 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (457mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23159 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23160 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23161 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14 inches (356mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23162 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10 inches (254mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23163 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.75 inches (680mm)</p>  | <p>4 Lead Terminated</p>  |



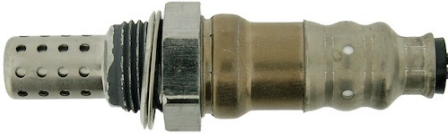

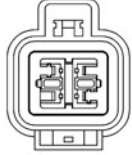


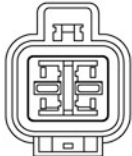


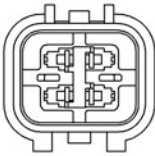


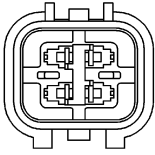


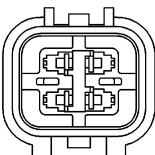


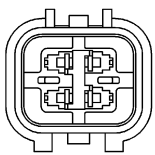

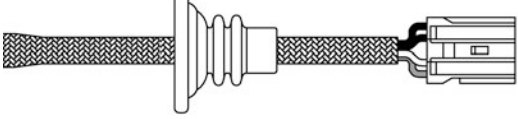



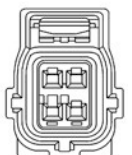
ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

| | | |
|---|--|--|
| <p>23164 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23165 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (457mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23500 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>23501 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>2 Lead Terminated</p>  |
| <p>23502 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 10.75 inches (275mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>23506 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14 inches (355mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23509 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |



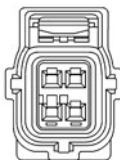


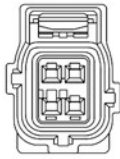


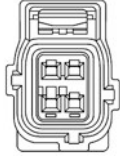


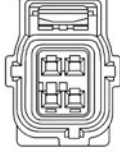


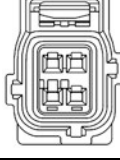


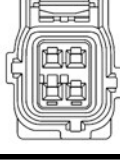


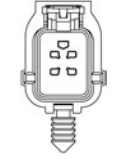


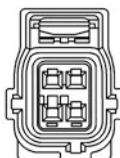


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| <p>23511 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23512 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23513 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23514 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23515 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23516 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.75 inches (475mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23517 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23518 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.5 inches (675mm)</p>  | <p>4 Lead Terminated</p>  |



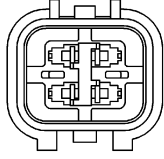


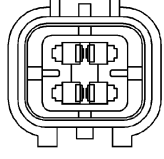


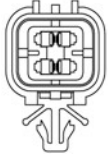

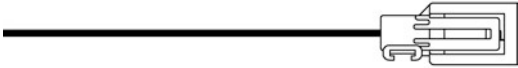
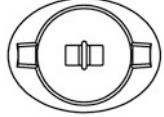
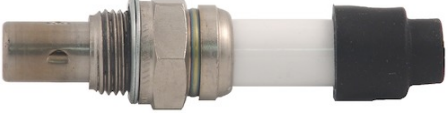
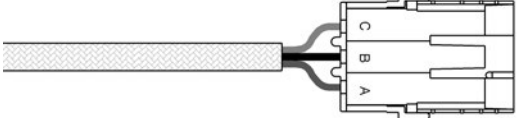
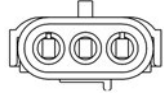


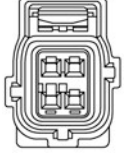



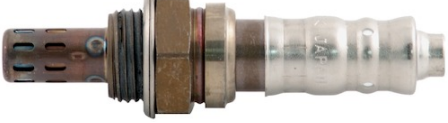

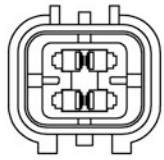


| | | |
|---|--|--|
| <p>23519 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23520 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23521 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23 inches (585mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23522 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 28.5 inches (725mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23523 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 34.75 inches (885mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23524 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 30.75 inches (780mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23525 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23526 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |

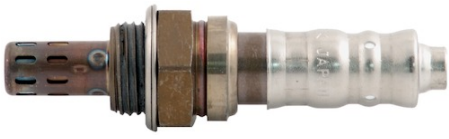
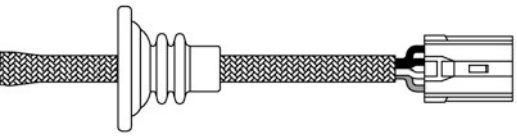
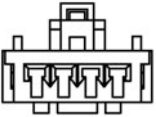


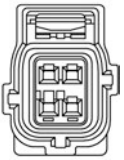


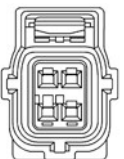


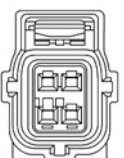
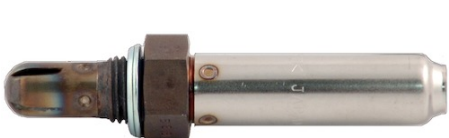
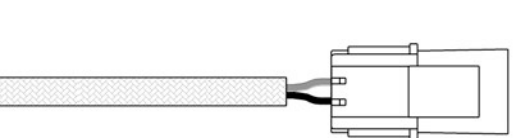
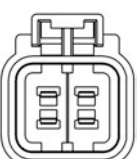
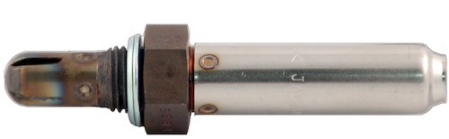
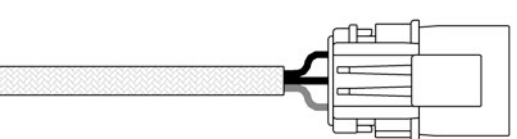
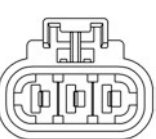
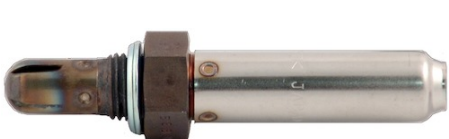
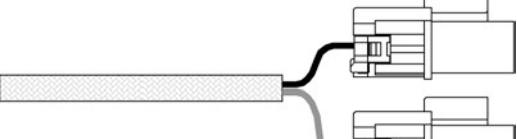
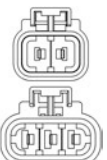
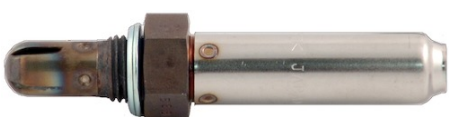
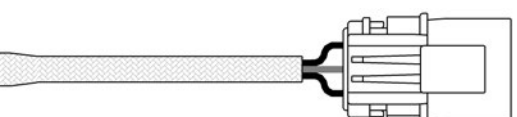
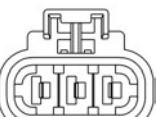


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| <p>23527 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (460mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23529 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23531 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.25 inches (465mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23532 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.25 inches (465mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23533 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23537 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.25 inches (465mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23538 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.25 inches (385mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23544 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12 inches (305mm)</p>  | <p>4 Lead Terminated</p>  |



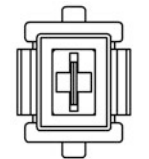
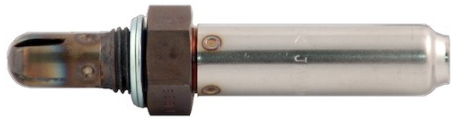
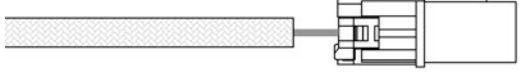
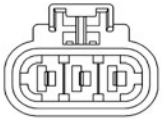


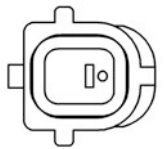

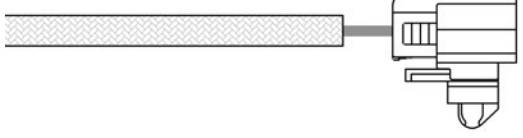

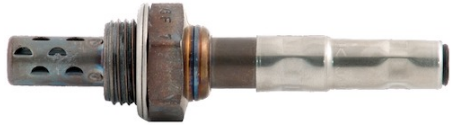




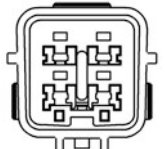


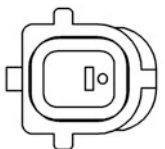
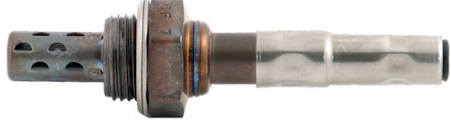

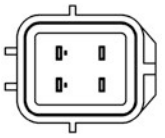


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| <p>23549 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19 inches (480mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23550 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 28.5 inches (725mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23551 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.5 inches (700mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23552 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 7 inches (175mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>23553 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 10.75 inches (275mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>23556 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23557 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 25.5 inches (650mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>23558 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 38.75 inches (985mm)</p>  | <p>4 Lead Terminated</p>  |

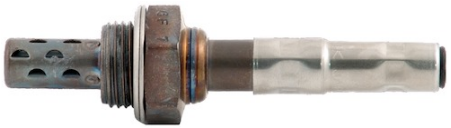


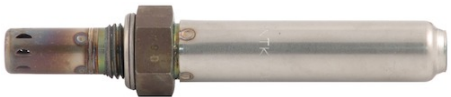
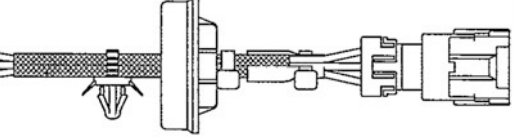

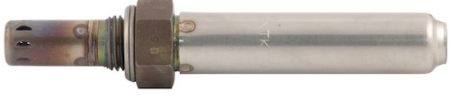
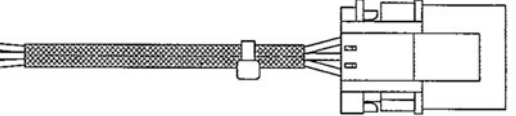
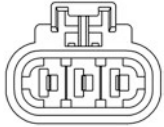

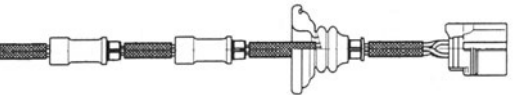
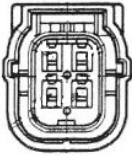


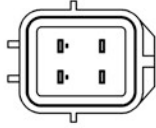

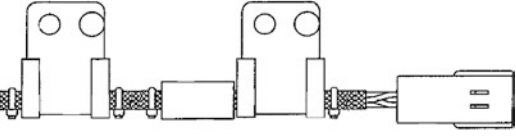
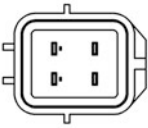

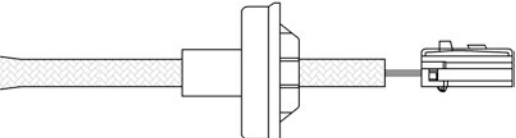


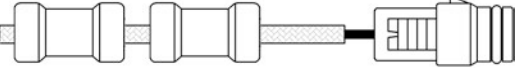



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| <p>23559 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23566 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.75 inches (475mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23567 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 28.5 inches (725mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>23569 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24002 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 17 inches (430mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24003 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 9.75 inches (250mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24004 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 28.25 inches (715mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24005 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 72 inches (1830mm)</p>  | <p>3 Lead Terminated</p>  |



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| <p>24006 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>24007 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 10.25 inches (260mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24010 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 18 inches (455mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>24012 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 43.75 inches (1110mm)</p>  | <p>2 Lead Terminated</p>  |
| <p>24014 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 43.25 inches (1100mm)</p>  | <p>2 Lead Terminated</p>  |
| <p>24015 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 7.75 inches (200mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24019 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 21.25 inches (540mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>24022 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>3 Lead Terminated</p>  |



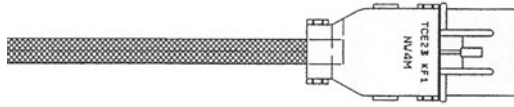
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| <p>24023 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (380mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24024 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 20 inches (505mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24025 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24026 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.25 inches (590mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24027 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24029 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.5 inches (800mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24031 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.5 inches (620mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24033 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 18.5 inches (470mm)</p>  | <p>1 Lead Terminated</p>  |



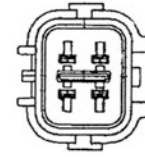
24035 OE Type Heated ZrO2 Sensor



L Length: 20 inches (508mm)



4 Lead Terminated



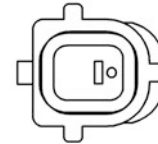
24036 OE Type Unheated ZrO2 Sensor



L Length: 13.5 inches (345mm)



1 Lead Terminated



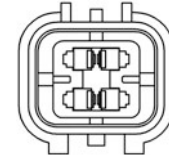
24037 OE Type Heated ZrO2 Sensor



L Length: 32.25 inches (818mm)



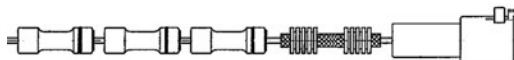
4 Lead Terminated



24038 OE Type Unheated ZrO2 Sensor



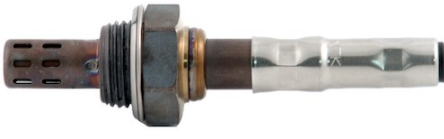
L Length: 24.5 inches (620mm)



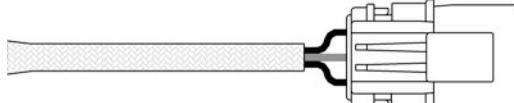
1 Lead Terminated



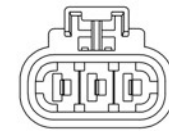
24039 OE Type Heated ZrO2 Sensor



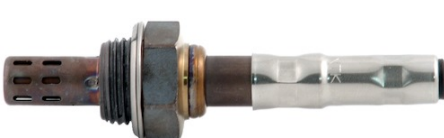
L Length: 22.75 inches (580mm)



3 Lead Terminated



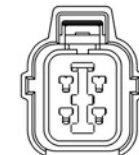
24042 OE Type Heated ZrO2 Sensor



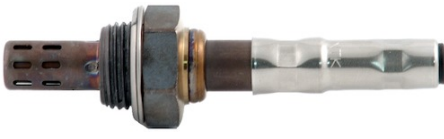
L Length: 16.25 inches (410mm)



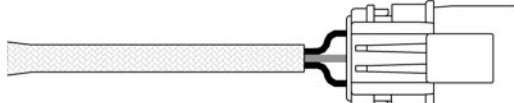
4 Lead Terminated



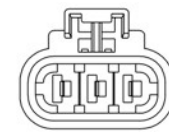
24043 OE Type Heated ZrO2 Sensor





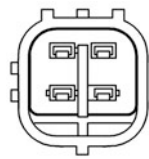


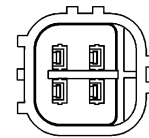



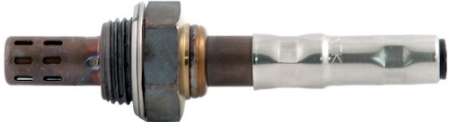

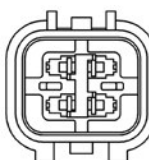
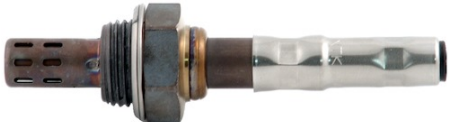

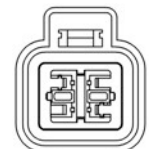



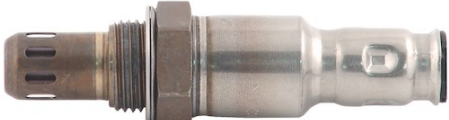

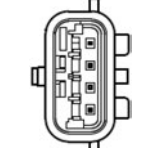
L Length: 15 inches (380mm)





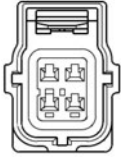


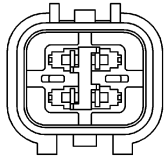




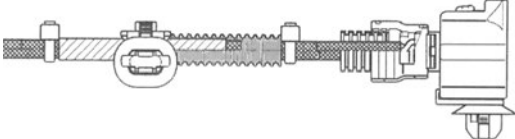


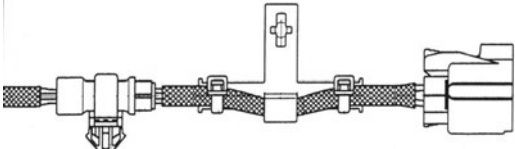
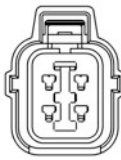

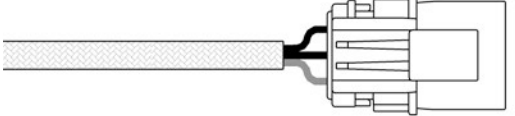


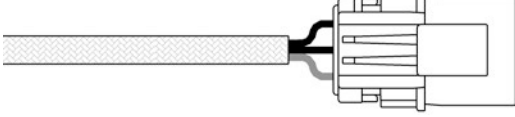
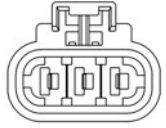
3 Lead Terminated



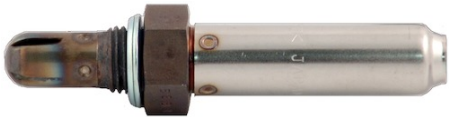
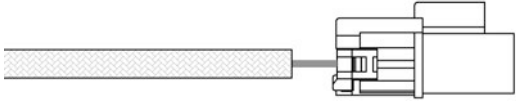
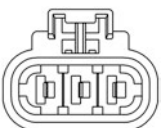
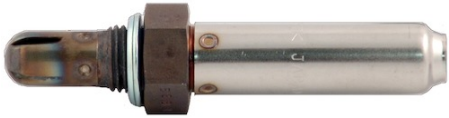
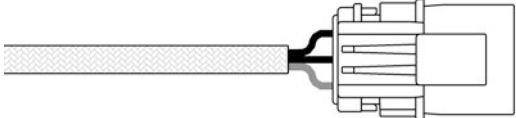


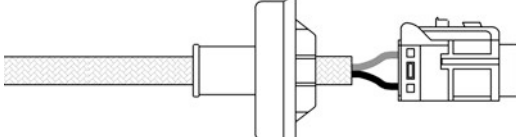
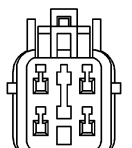
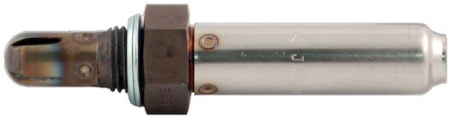
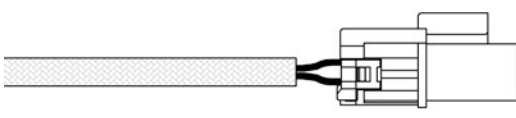


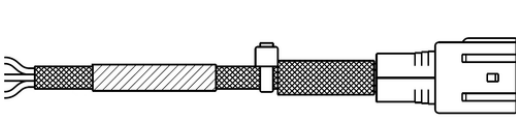
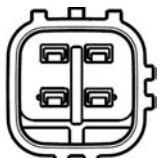
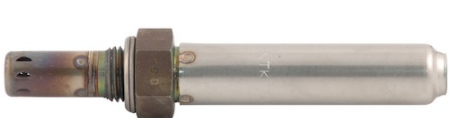
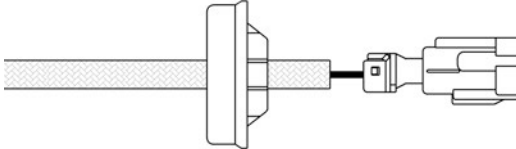
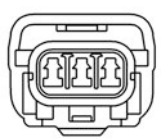

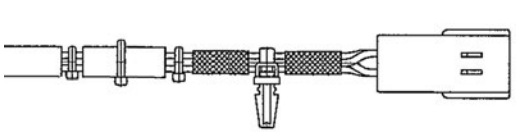
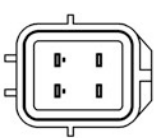


| | | |
|--|---|--|
| <p>24044 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24047 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (380mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24048 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (275mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24050 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.5 inches (750mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24051 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 49.25 inches (1250mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24052 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.5 inches (290mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24056 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.25 inches (285mm)</p>  | <p>4 Lead Terminated</p>  |



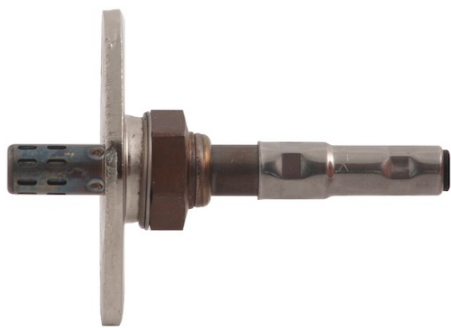

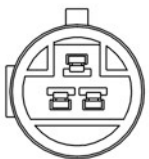
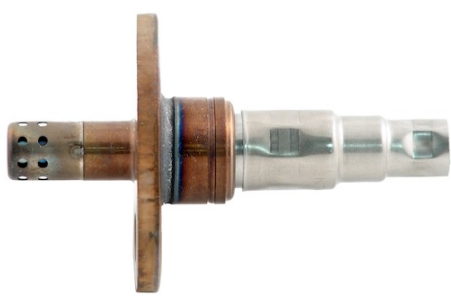

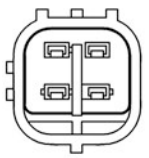

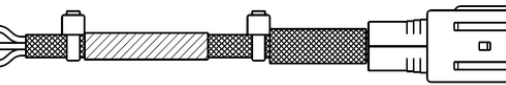


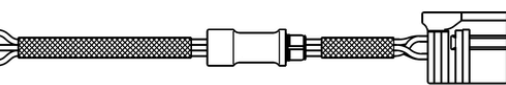


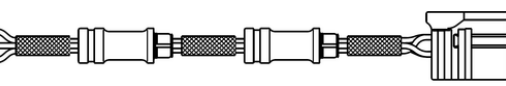



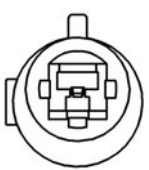
| | | |
|---|--|--|
| <p>24057 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.5 inches (495mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24058 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (530mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24059 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24060 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.5 inches (700mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24061 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22.75 inches (580mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24062 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 10.75 inches (270mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24063 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 9.75 inches (250mm)</p>  | <p>3 Lead Terminated</p>  |




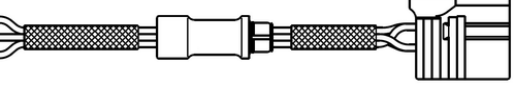


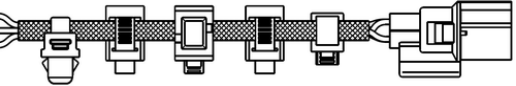



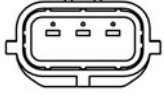

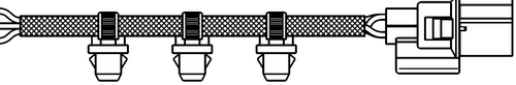



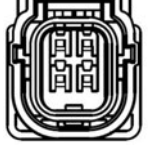


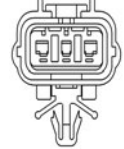
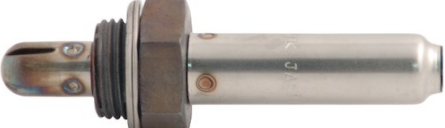





| | | |
|--|---|--|
| <p>24064 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 28.25 inches (715mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24065 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 22 inches (560mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24066 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (380mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24071 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 45.75 inches (1160mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24073 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.5 inches (340mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24075 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24076 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.5 inches (750mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

| | | |
|---|--|--|
| <p>24079 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24080 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 11.5 inches (290mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24082 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.5 inches (295mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24083 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.5 inches (294mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24085 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.75 inches (656mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24086 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 29.5 inches (750mm)</p>  | <p>1 Lead Terminated</p>  |



| | | |
|--|--|--|
| <p>24088 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.5 inches (290mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24089 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.25 inches (693mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24092 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (530mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24093 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (555mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24094 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 8.75 inches (221mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24097 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24101 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 18 inches (455mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24102 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 22.75 inches (580mm)</p>  | <p>2 Lead Terminated</p>  |

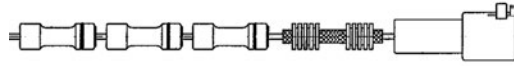


24105

OE Type Unheated ZrO2 Sensor

L Length: 19.75 inches (500mm)

1 Lead Terminated

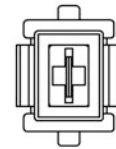
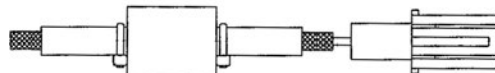
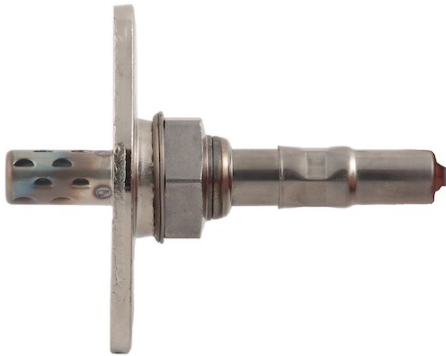


24106

OE Type Unheated ZrO2 Sensor

L Length: 26 inches (660mm)

1 Lead Terminated

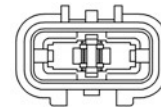


24109

OE Type Unheated ZrO2 Sensor

L Length: 24.75 inches (630mm)

2 Lead Terminated

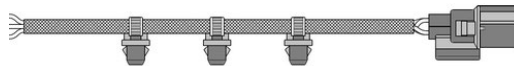


24110

OE Type Heated ZrO2 Sensor

L Length: 22.25 inches (565mm)

4 Lead Terminated

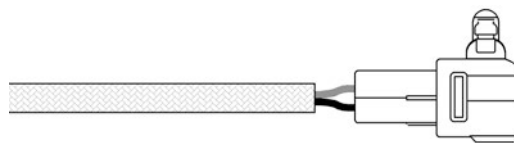


24111

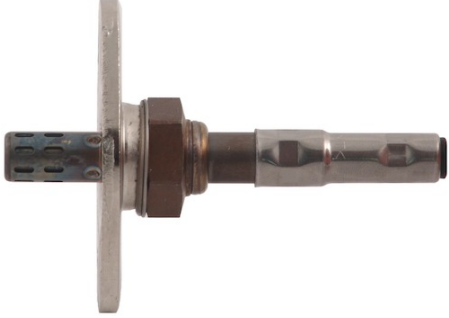
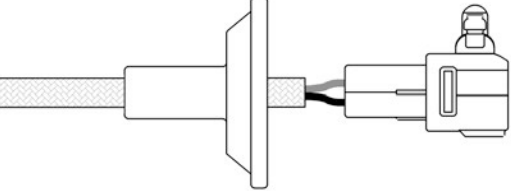

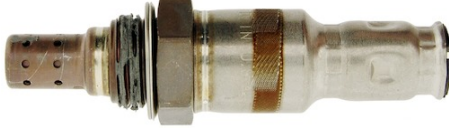
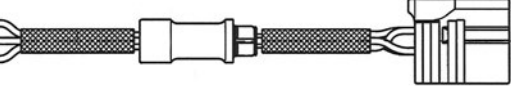

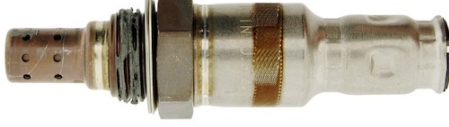
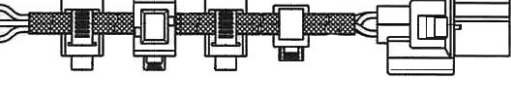

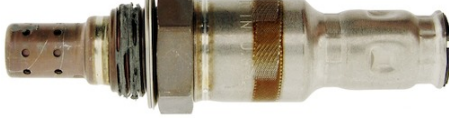
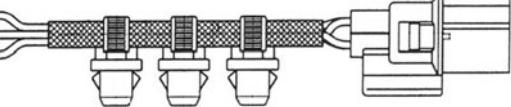




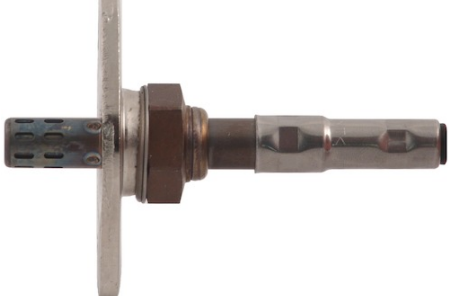
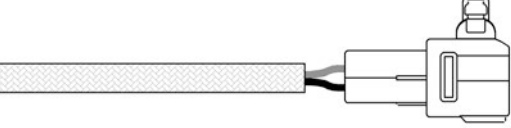

OE Type Heated ZrO2 Sensor

L Length: 19.75 inches (500mm)






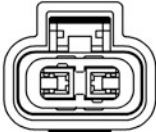

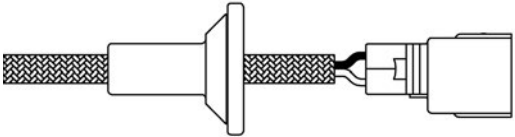


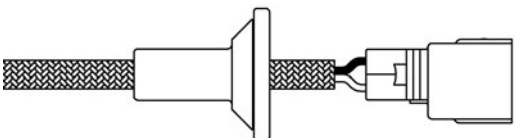
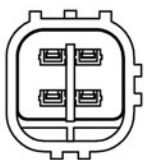




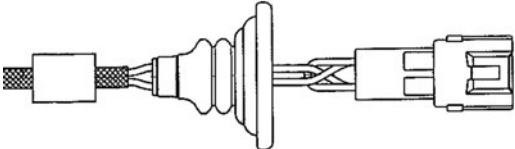
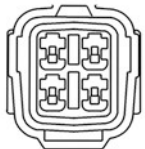


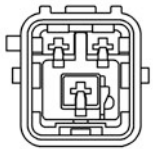
4 Lead Terminated




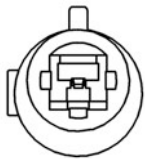

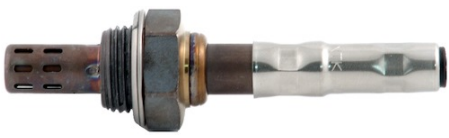
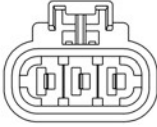

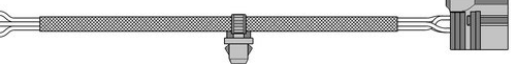

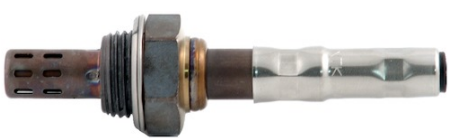
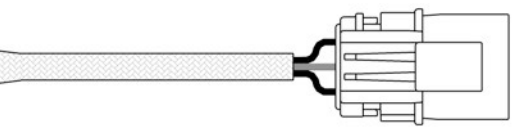

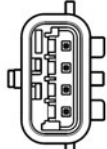

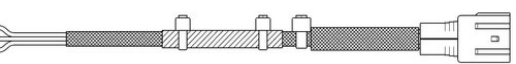
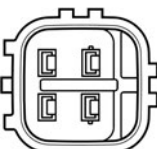
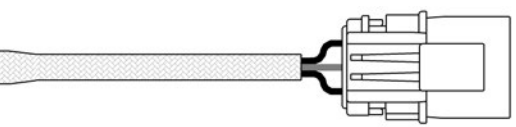
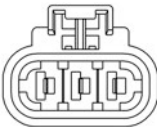


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| <p>24112 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.5 inches (800mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24113 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (301mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24114 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (596mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24115 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.5 inches (546mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24116 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 32.25 inches (822mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24118 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22.5 inches (570mm)</p>  | <p>4 Lead Terminated</p>  |



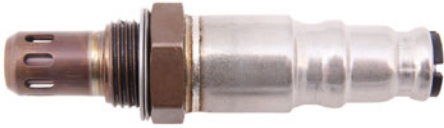







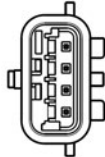

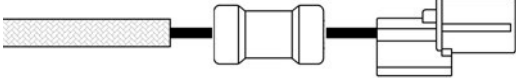
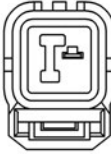
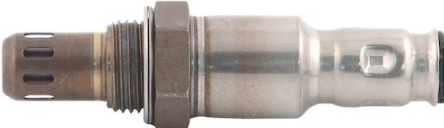

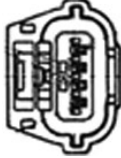
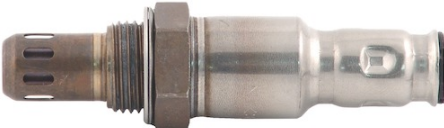

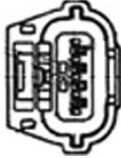


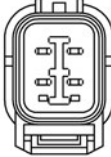



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| <p>24122 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 17.25 inches (440mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>24129 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 47.75 inches (1215mm)</p>  | <p>2 Lead Terminated</p>  |
| <p>24131 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24132 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 44 inches (1120mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24134 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 8.75 inches (221mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24135 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>2 Lead Terminated</p>  |
| <p>24137 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>3 Lead Terminated</p>  |




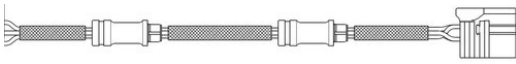
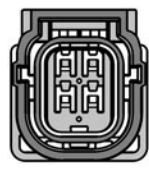


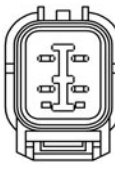

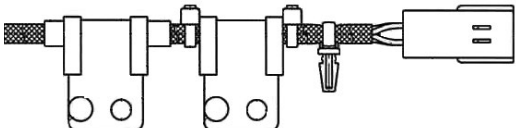
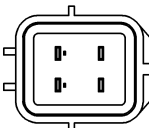






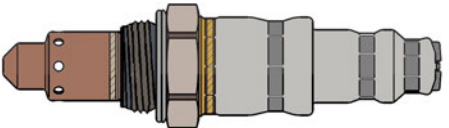
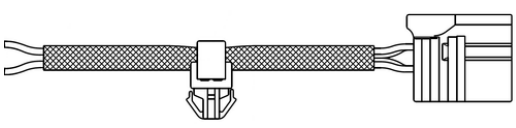

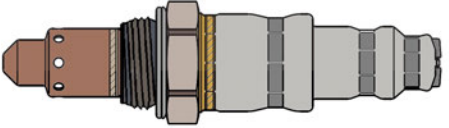
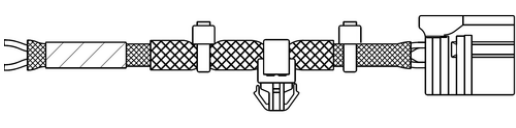



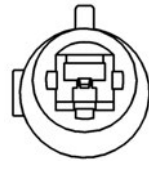
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| <p>24141 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 19.5 inches (495mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>24144 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19 inches (480mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24145 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13 inches (330mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24153 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (272mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24154 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.25 inches (540mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24155 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.25 inches (285mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24156 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (270mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24157 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 71.75 inches (1820mm)</p>  | <p>3 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor


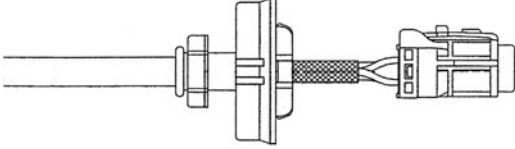
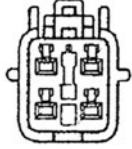


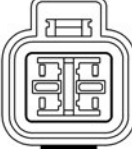

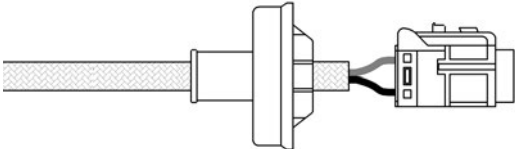
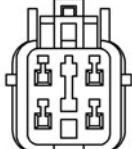
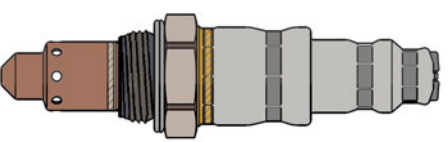
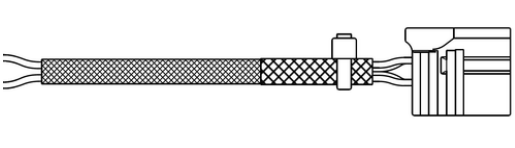





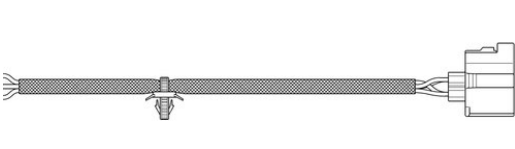


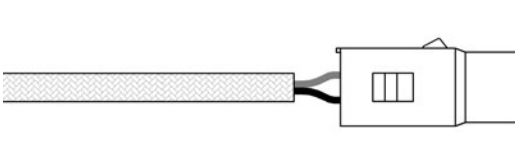


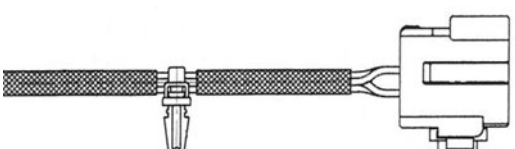

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| <p>24158 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (313mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24159 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24160 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.25 inches (285mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24166 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>24167 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.5 inches (371mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24168 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.5 inches (371mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24169 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24170 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.5 inches (370mm)</p>  | <p>4 Lead Terminated</p>  |



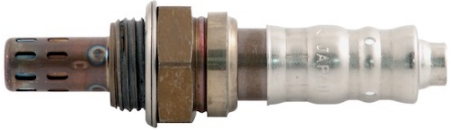
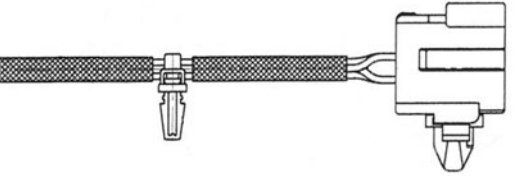

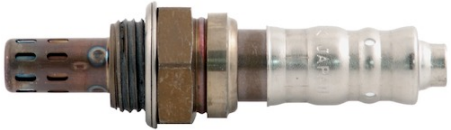
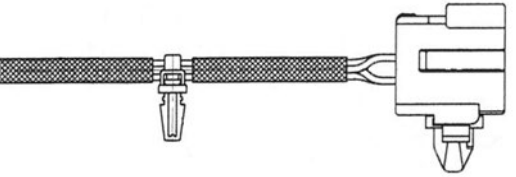


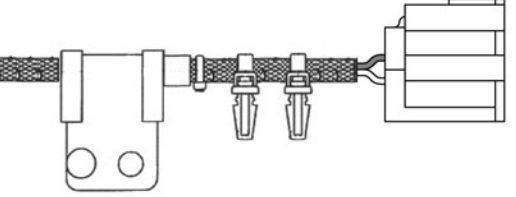
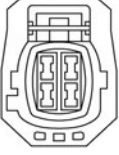
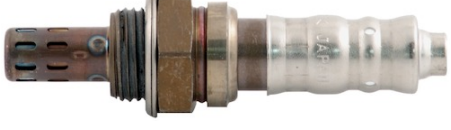

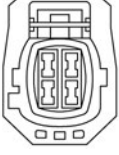

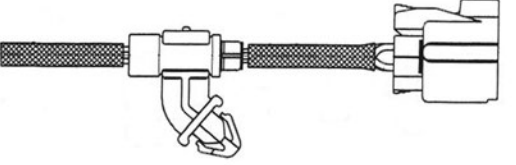
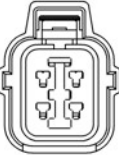

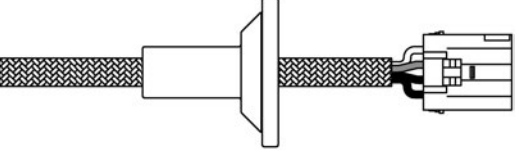
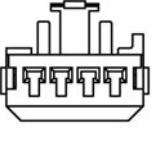

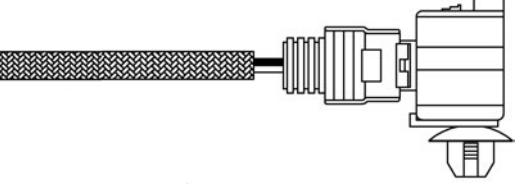
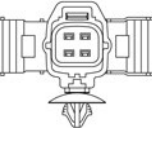
| | | |
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| <p>24171 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.25 inches (462mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24172 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22 inches (560mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24173 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 28.25 inches (720mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24174 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.25 inches (542mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24176 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>24179 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10 inches (253mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24180 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.5 inches (417mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24194 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 25.5 inches (650mm)</p>  | <p>1 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor



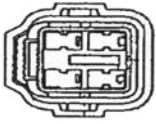


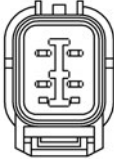

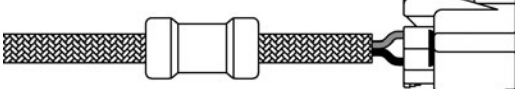
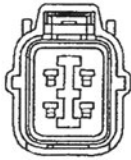
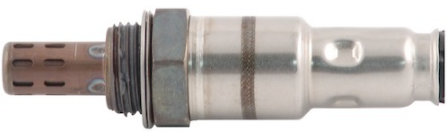
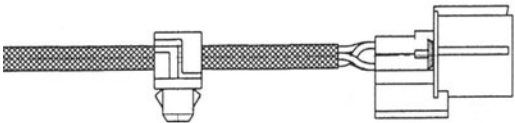
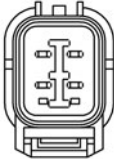

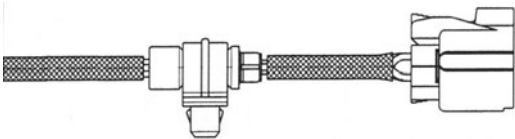
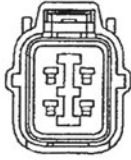

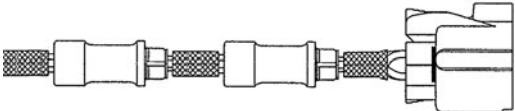
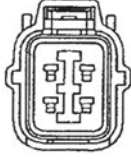
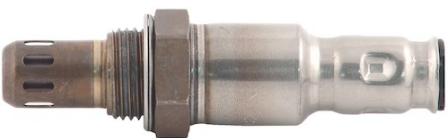


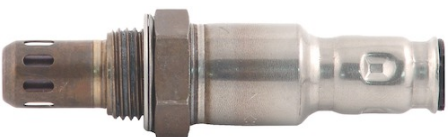
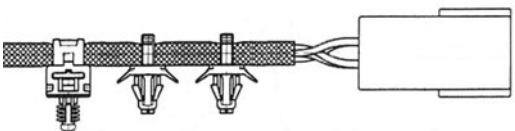
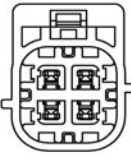
| | | |
|---|--|--|
| <p>24201 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.25 inches (360mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24202 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.5 inches (318mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24203 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24207 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 8.75 inches (220mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24219 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24220 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24225 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 28.75 inches (730mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24229 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>4 Lead Terminated</p>  |



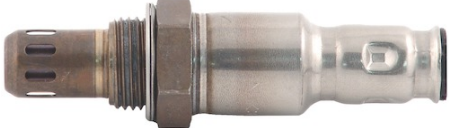
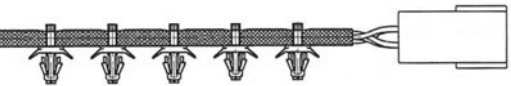
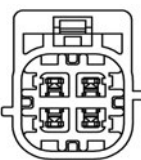
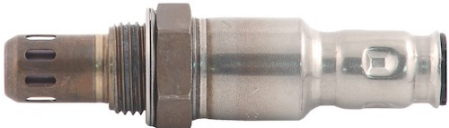
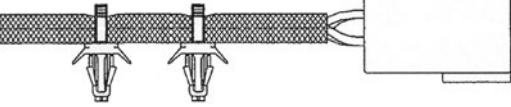






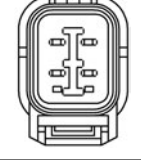

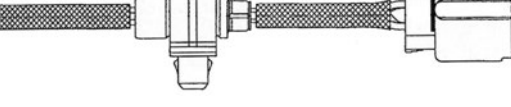
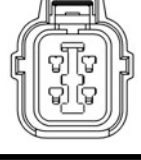

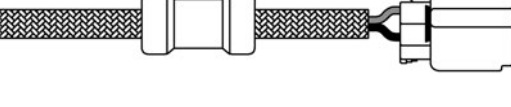
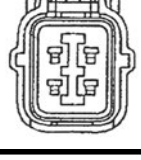

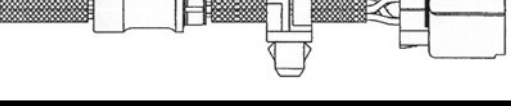
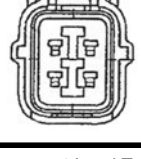

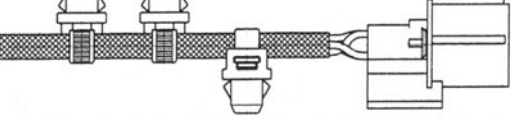
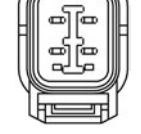
| | | |
|--|---|--|
| <p>24230 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 37.5 inches (950mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24231 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22.5 inches (570mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24232 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31 inches (790mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24234 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (460mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24235 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13 inches (331mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24236 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26 inches (660mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24237 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31 inches (790mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor





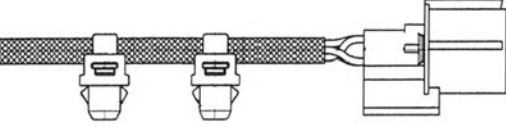
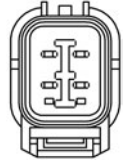
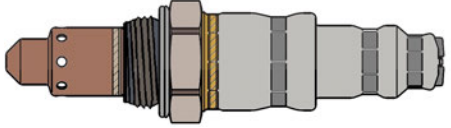
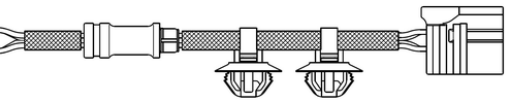

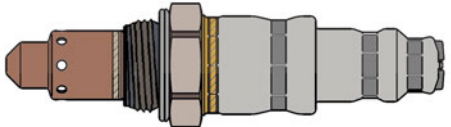
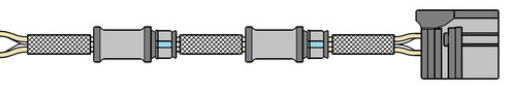
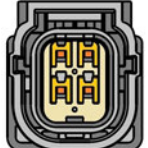

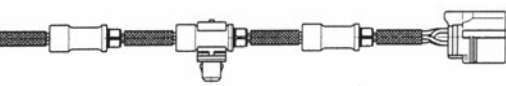
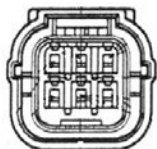

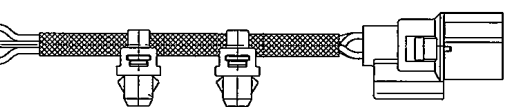


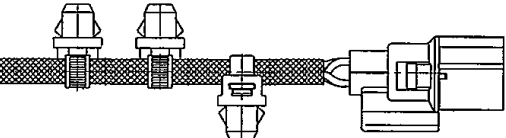




| | | |
|---|--|--|
| <p>24238 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24239 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22.75 inches (580mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24240 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.5 inches (265mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24241 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (351mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24242 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.25 inches (385mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24243 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (595mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24244 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (271mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24245 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35 inches (891mm)</p>  | <p>4 Lead Terminated</p>  |



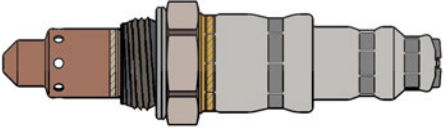
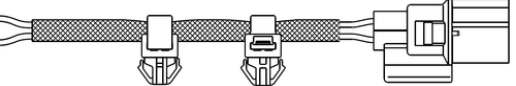


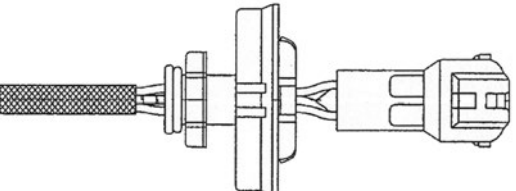
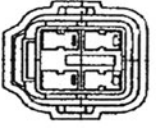

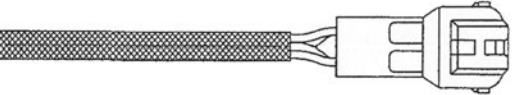
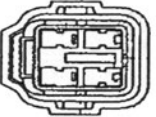

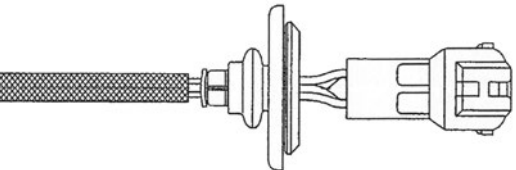
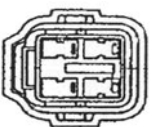
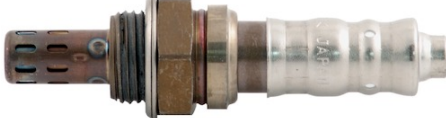
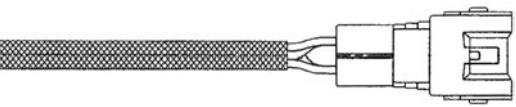
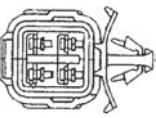

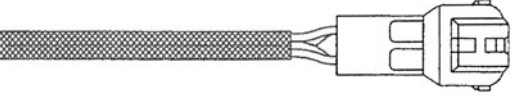
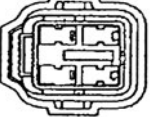

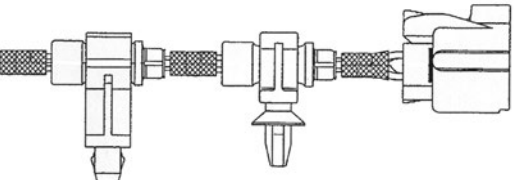
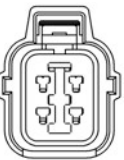

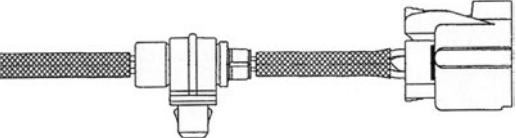
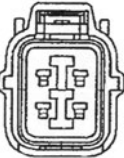
| | | |
|--|--|--|
| <p>24246 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 47.75 inches (1211mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24247 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (271mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24248 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.5 inches (371mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24249 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.5 inches (520mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24250 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.5 inches (650mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24251 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (275mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24254 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.25 inches (515mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24255 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.5 inches (547mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

| | | |
|---|--|--|
| <p>24258 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 39.25 inches (1000mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24259 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (427mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24260 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.25 inches (619mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24264 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.25 inches (486mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24266 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20 inches (509mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24267 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (427mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24269 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.5 inches (547mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24270 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.5 inches (240mm)</p>  | <p>4 Lead Terminated</p>  |



| | | |
|--|--|--|
| <p>24273 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.5 inches (393mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24277 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.75 inches (630mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24278 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24279 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (530mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24280 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24281 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 8.75 inches (220mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24282 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (530mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24283 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.25 inches (385mm)</p>  | <p>4 Lead Terminated</p>  |



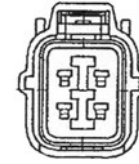
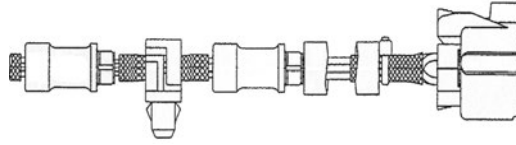
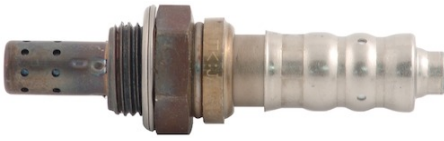
ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

24284

OE Type Heated ZrO2 Sensor

L Length: 29.75 inches (754mm)

4 Lead Terminated

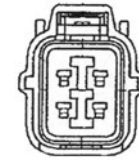
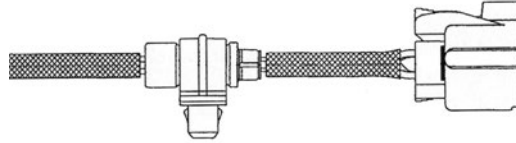


24285

OE Type Heated ZrO2 Sensor

L Length: 22.75 inches (580mm)

4 Lead Terminated

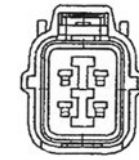
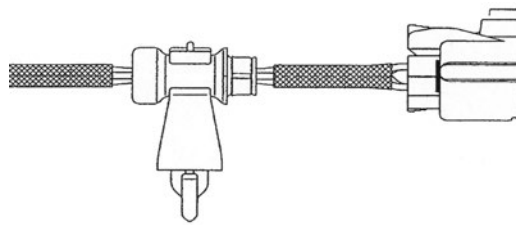


24286

OE Type Heated ZrO2 Sensor

L Length: 18.25 inches (465mm)

4 Lead Terminated

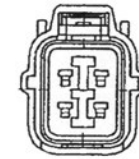
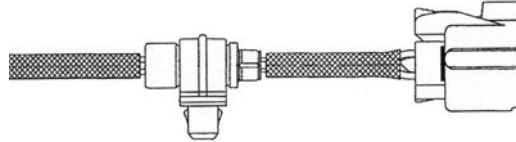


24287

OE Type Heated ZrO2 Sensor

L Length: 25.5 inches (650mm)

4 Lead Terminated

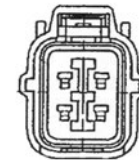


24288

OE Type Heated ZrO2 Sensor

L Length: 10.25 inches (260mm)

4 Lead Terminated

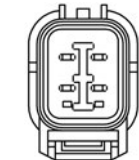


24289

OE Type Heated ZrO2 Sensor

L Length: 12.5 inches (320mm)

4 Lead Terminated

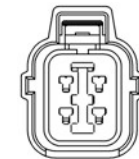


24290


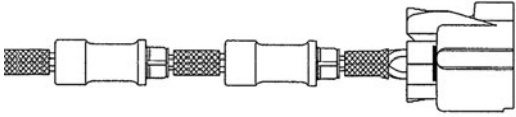



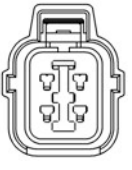
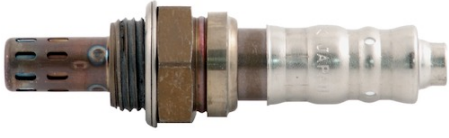
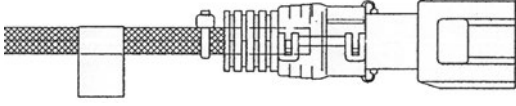
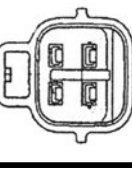

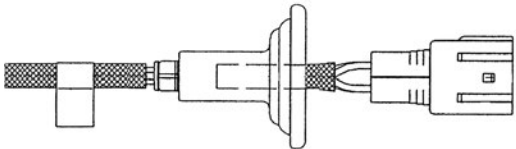


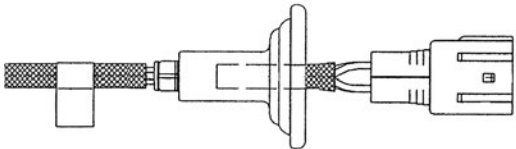
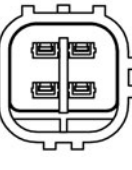
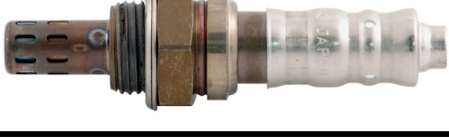

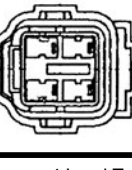
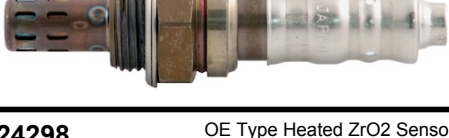
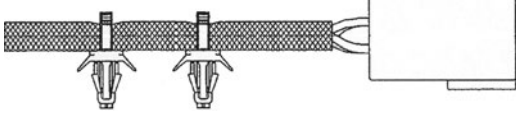
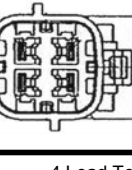


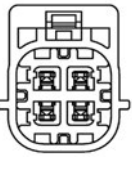
OE Type Heated ZrO2 Sensor

L Length: 17.5 inches (445mm)

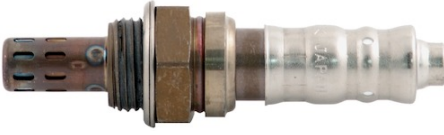
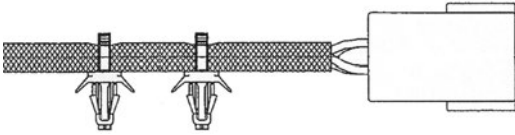


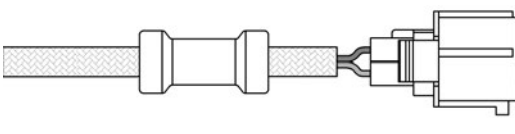
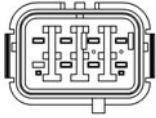


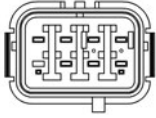


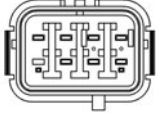
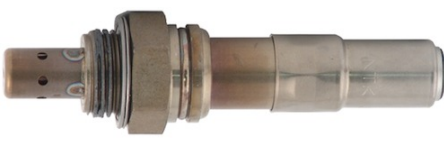
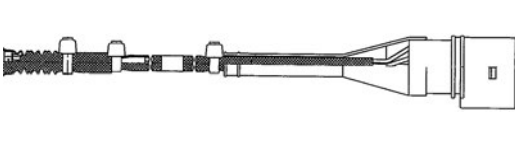


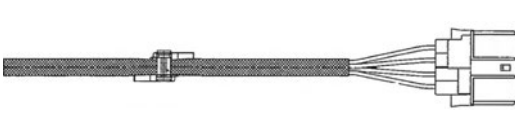
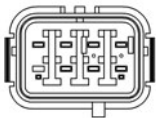

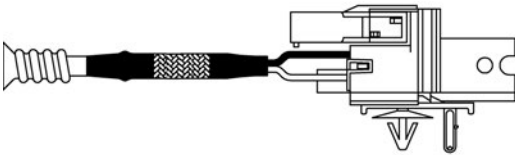
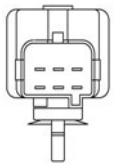

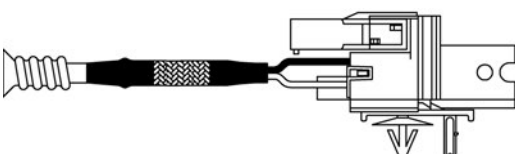
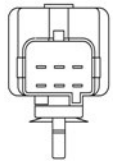
4 Lead Terminated




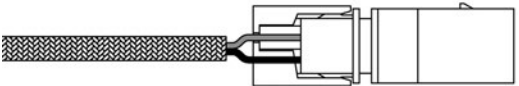
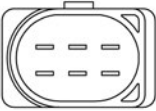


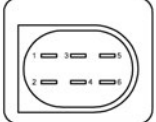


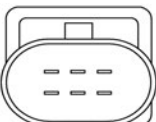





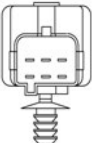

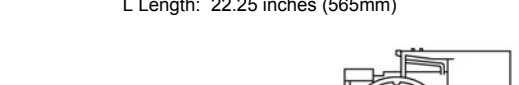
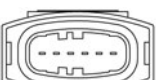
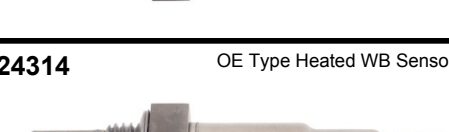
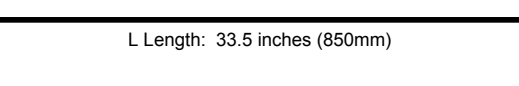
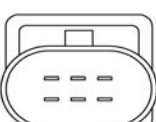
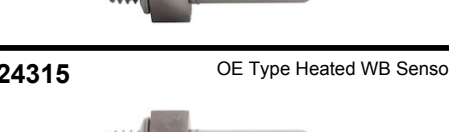
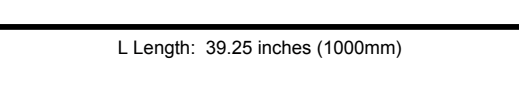
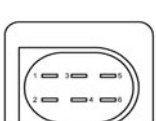


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| <p>24291 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21 inches (535mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24292 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (275mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24293 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.5 inches (240mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24294 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.25 inches (410mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24295 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17 inches (430mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24296 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24297 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.25 inches (386mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24298 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.75 inches (376mm)</p>  | <p>4 Lead Terminated</p>  |



| | | |
|---|--|--|
| <p>24299 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.5 inches (471mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24300 OE Type Heated WB Sensor</p>  | <p>L Length: 16.25 inches (410mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24301 OE Type Heated WB Sensor</p>  | <p>L Length: 8.25 inches (210mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24302 OE Type Heated WB Sensor</p>  | <p>L Length: 11.5 inches (290mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24304 OE Type Heated WB Sensor</p>  | <p>L Length: 18 inches (460mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24305 OE Type Heated WB Sensor</p>  | <p>L Length: 11.5 inches (295mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24306 OE Type Heated WB Sensor</p>  | <p>L Length: 30.75 inches (780mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24307 OE Type Heated WB Sensor</p>  | <p>L Length: 51.5 inches (1310mm)</p>  | <p>5 Lead Terminated</p>  |



| | | |
|--|---|--|
| <p>24308 OE Type Heated WB Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24309 OE Type Heated WB Sensor</p>  | <p>L Length: 20.75 inches (525mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24310 OE Type Heated WB Sensor</p>  | <p>L Length: 69.75 inches (1770mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24311 OE Type Heated WB Sensor</p>  | <p>L Length: 74.75 inches (1900mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24312 OE Type Heated WB Sensor</p>  | <p>L Length: 47.25 inches (1200mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24313 OE Type Heated WB Sensor</p>  | <p>L Length: 22.25 inches (565mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24314 OE Type Heated WB Sensor</p>  | <p>L Length: 33.5 inches (850mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24315 OE Type Heated WB Sensor</p>  | <p>L Length: 39.25 inches (1000mm)</p>  | <p>5 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

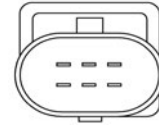
24316 OE Type Heated WB Sensor



L Length: 23.5 inches (600mm)



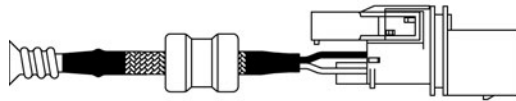
5 Lead Terminated



24317 OE Type Heated WB Sensor



L Length: 57 inches (1450mm)



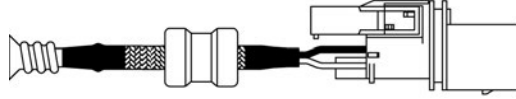
5 Lead Terminated



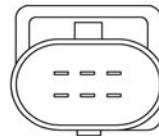
24318 OE Type Heated WB Sensor



L Length: 59 inches (1500mm)



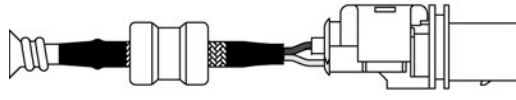
5 Lead Terminated



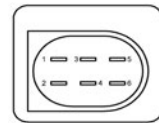
24319 OE Type Heated WB Sensor



L Length: 33.5 inches (850mm)



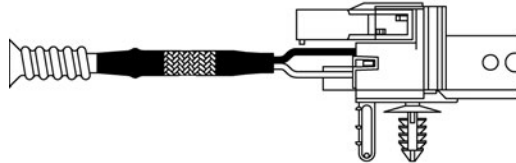
5 Lead Terminated



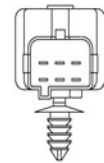
24320 OE Type Heated WB Sensor



L Length: 23.5 inches (600mm)



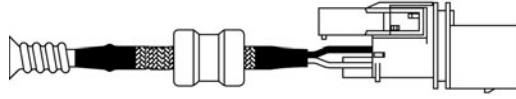
5 Lead Terminated



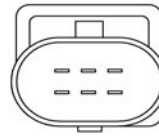
24321 OE Type Heated WB Sensor



L Length: 35.5 inches (900mm)



5 Lead Terminated



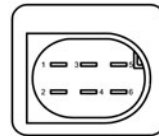
24322 OE Type Heated WB Sensor



L Length: 60 inches (1525mm)



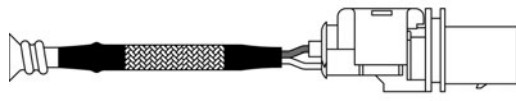
5 Lead Terminated



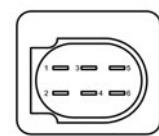
24323 OE Type Heated WB Sensor




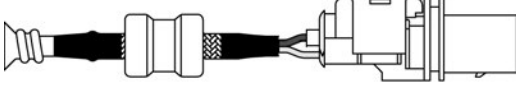
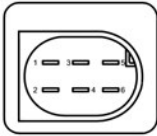

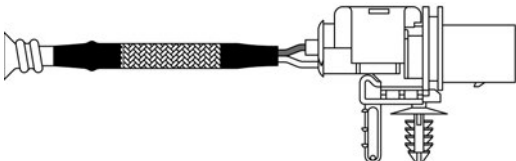


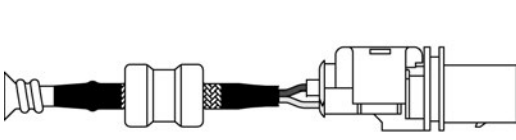
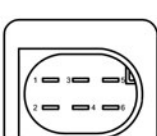

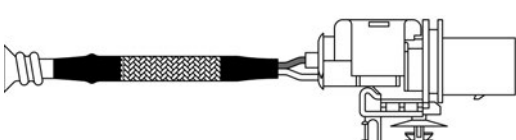


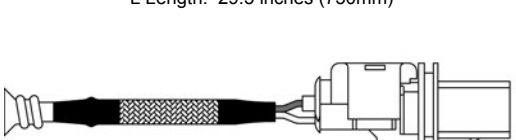
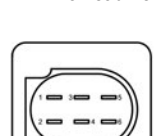

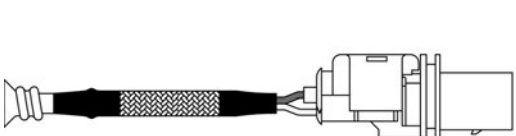
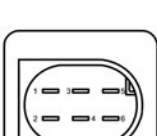

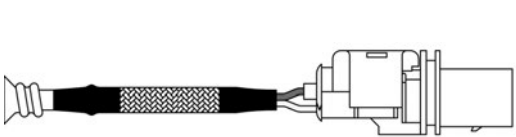
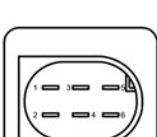

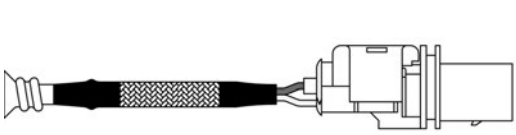
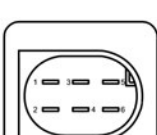
L Length: 35.5 inches (900mm)




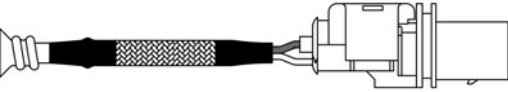
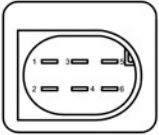

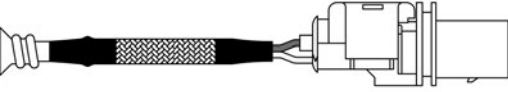
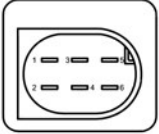

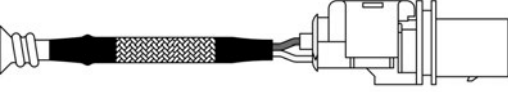
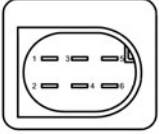


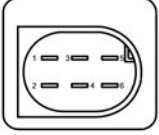

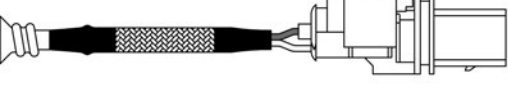
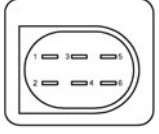

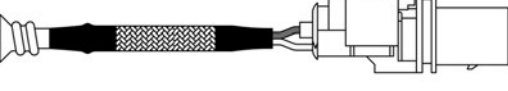
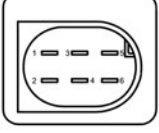


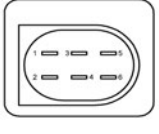


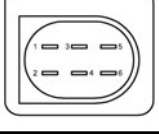


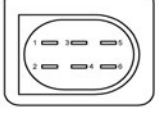
5 Lead Terminated





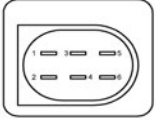


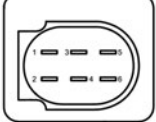


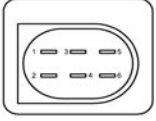


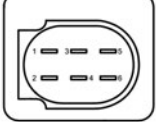


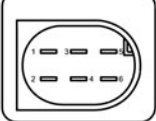
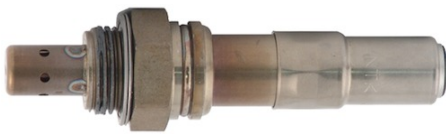

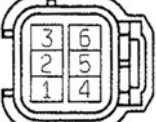


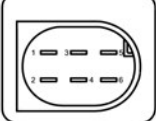


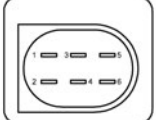


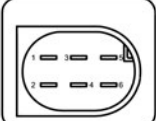


| | | |
|--|--|--|
| <p>24324 OE Type Heated WB Sensor</p>  | <p>L Length: 33.5 inches (850mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24325 OE Type Heated WB Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24326 OE Type Heated WB Sensor</p>  | <p>L Length: 28.5 inches (725mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24327 OE Type Heated WB Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24328 OE Type Heated WB Sensor</p>  | <p>L Length: 29.5 inches (750mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24329 OE Type Heated WB Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24330 OE Type Heated WB Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24331 OE Type Heated WB Sensor</p>  | <p>L Length: 26.5 inches (675mm)</p>  | <p>5 Lead Terminated</p>  |




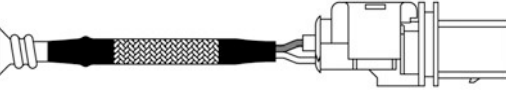
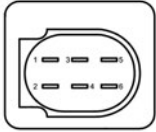


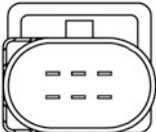


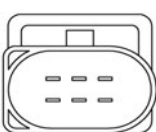



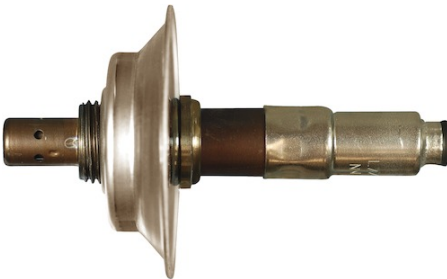
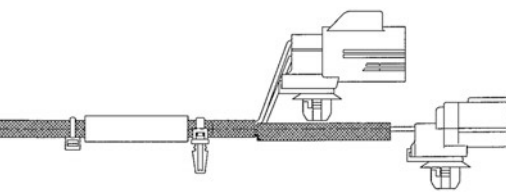
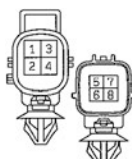



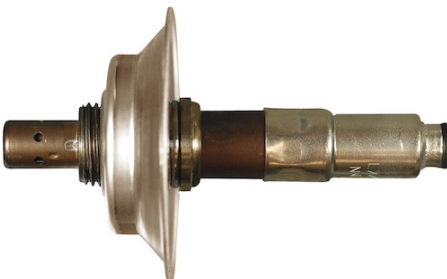
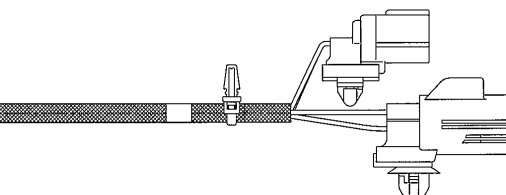
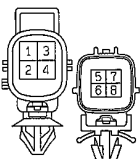
| | | |
|---|---|--|
| <p>24332 OE Type Heated WB Sensor</p>  | <p>L Length: 32.5 inches (825mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24333 OE Type Heated WB Sensor</p>  | <p>L Length: 41.25 inches (1050mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24334 OE Type Heated WB Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24335 OE Type Heated WB Sensor</p>  | <p>L Length: 24.5 inches (625mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24336 OE Type Heated WB Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24337 OE Type Heated WB Sensor</p>  | <p>L Length: 51.25 inches (1300mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24338 OE Type Heated WB Sensor</p>  | <p>L Length: 67 inches (1700mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24339 OE Type Heated WB Sensor</p>  | <p>L Length: 57 inches (1450mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24340 OE Type Heated WB Sensor</p>  | <p>L Length: 50.25 inches (1275mm)</p>  | <p>5 Lead Terminated</p>  |



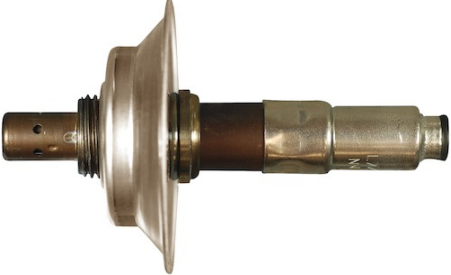
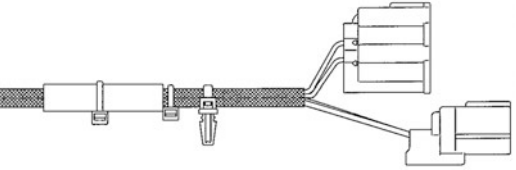

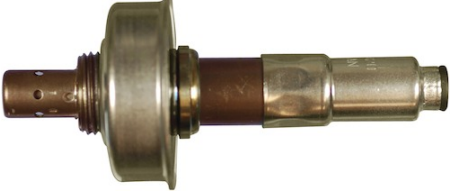
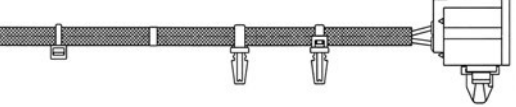
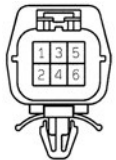


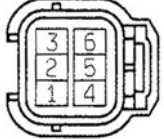

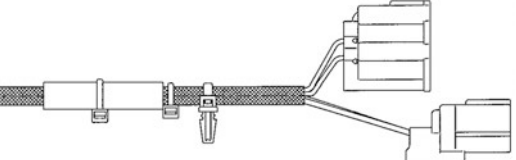
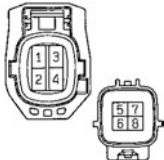


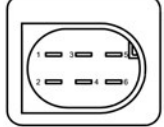

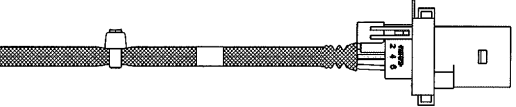
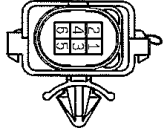
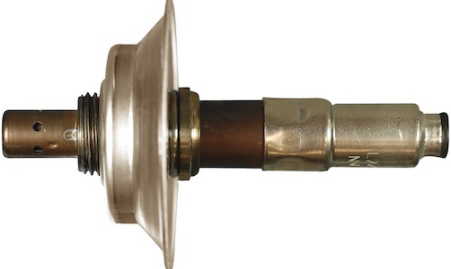
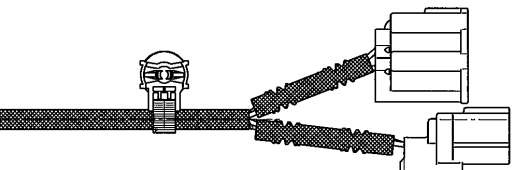
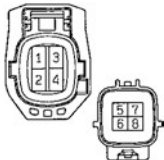
| | | |
|--|---|--|
| <p>24341 OE Type Heated WB Sensor</p>  | <p>L Length: 40.25 inches (1025mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24342 OE Type Heated WB Sensor</p>  | <p>L Length: 52.25 inches (1325mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24343 OE Type Heated WB Sensor</p>  | <p>L Length: 28.5 inches (725mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24344 OE Type Heated WB Sensor</p>  | <p>L Length: 52.25 inches (1325mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24345 OE Type Heated WB Sensor</p>  | <p>L Length: 47.25 inches (1200mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24346 OE Type Heated WB Sensor</p>  | <p>L Length: 11.5 inches (295mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24347 OE Type Heated WB Sensor</p>  | <p>L Length: 68 inches (1725mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24348 OE Type Heated WB Sensor</p>  | <p>L Length: 20.75 inches (525mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24349 OE Type Heated WB Sensor</p>  | <p>L Length: 62 inches (1575mm)</p>  | <p>5 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

| | | |
|---|--|--|
| <p>24350 OE Type Heated WB Sensor</p>  | <p>L Length: 43.25 inches (1100mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24351 OE Type Heated WB Sensor</p>  | <p>L Length: 39.25 inches (1000mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24352 OE Type Heated WB Sensor</p>  | <p>L Length: 41.25 inches (1050mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24353 OE Type Heated WB Sensor</p>  | <p>L Length: 20.75 inches (530mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24354 OE Type Heated WB Sensor</p>  | <p>L Length: 28.75 / 30.75 inches (730 / 780mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24355 OE Type Heated WB Sensor</p>  | <p>L Length: 19.5 inches (495mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24356 OE Type Heated WB Sensor</p>  | <p>L Length: 30.25 / 31.50 inches (770 / 800mm)</p>  | <p>5 Lead Terminated</p>  |



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|--|--|--|
| <p>24357 OE Type Heated WB Sensor</p>  | <p>L Length: 29.00 / 30.50 inches (735 / 775mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24358 OE Type Heated WB Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24359 OE Type Heated WB Sensor</p>  | <p>L Length: 10 inches (257mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24360 OE Type Heated WB Sensor</p>  | <p>L Length: 23.25 / 24.50 inches (590 / 620mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24361 OE Type Heated WB Sensor</p>  | <p>L Length: 41.25 inches (1050mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24362 OE Type Heated WB Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24363 OE Type Heated WB Sensor</p>  | <p>L Length: 19.00 / 19.50 inches (480 / 495mm)</p>  | <p>5 Lead Terminated</p>  |

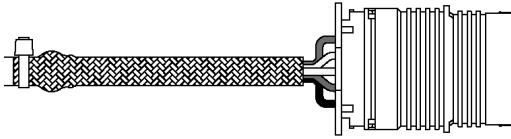


ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

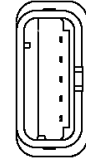
24364 OE Type Heated WB Sensor



L Length: 18.25 inches (465mm)



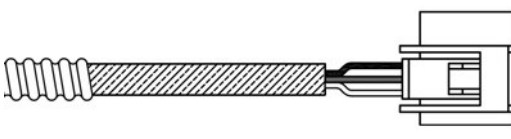
5 Lead Terminated



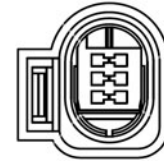
24365 OE Type Heated WB Sensor



L Length: 18.75 inches (475mm)



5 Lead Terminated



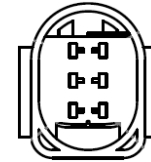
24366 OE Type Heated WB Sensor



L Length: 21.75 inches (550mm)



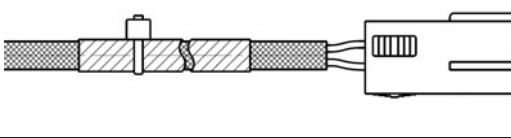
5 Lead Terminated



24367 OE Type Heated WB Sensor



L Length: 16.5 inches (420mm)



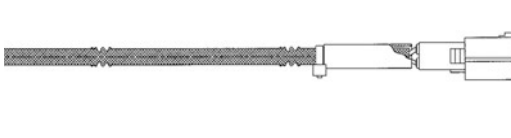
5 Lead Terminated



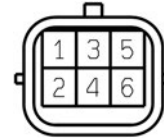
24368 OE Type Heated WB Sensor



L Length: 19 inches (480mm)



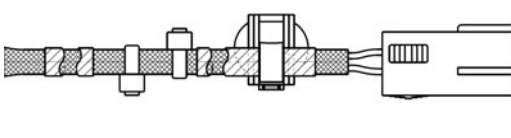
5 Lead Terminated



24369 OE Type Heated WB Sensor



L Length: 24.5 inches (625mm)



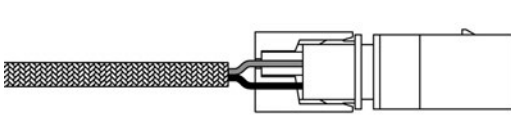
5 Lead Terminated



24370 OE Type Heated WB Sensor



L Length: 17.5 inches (445mm)



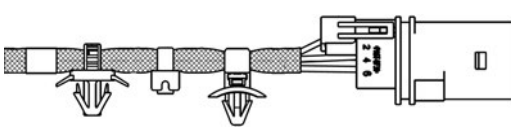
5 Lead Terminated



24371 OE Type Heated WB Sensor




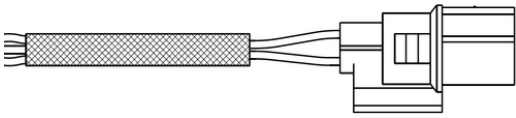
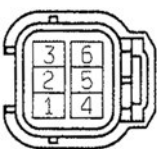

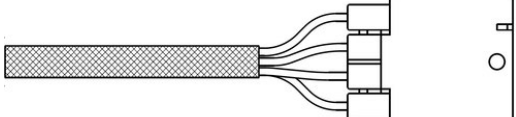
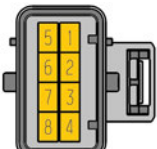

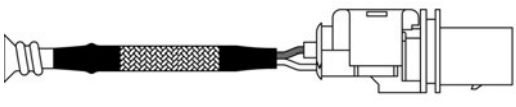
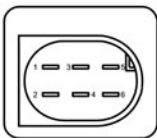


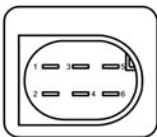







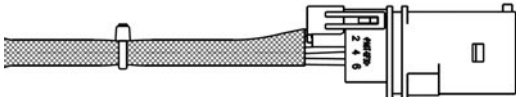


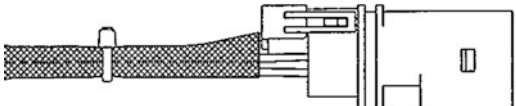

L Length: 23.75 inches (605mm)



5 Lead Terminated





| | | |
|--|---|--|
| <p>24372 OE Type Heated WB Sensor</p>  | <p>L Length: 10.5 inches (268mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24373 OE Type Heated WB Sensor</p>  | <p>L Length: 10.5 inches (268mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24374 OE Type Heated WB Sensor</p>  | <p>L Length: 18.75 inches (475mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24375 OE Type Heated WB Sensor</p>  | <p>L Length: 27.5 inches (700mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24376 OE Type Heated WB Sensor</p>  | <p>L Length: 18.75 inches (475mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24377 OE Type Heated WB Sensor</p>  | <p>L Length: 13 inches (330mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24379 OE Type Heated WB Sensor</p>  | <p>L Length: 50.75 inches (1292mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24380 OE Type Heated WB Sensor</p>  | <p>L Length: 22.25 inches (567mm)</p>  | <p>5 Lead Terminated</p>  |

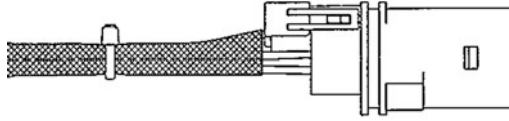


ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

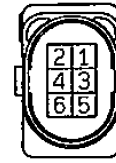
24381 OE Type Heated WB Sensor



L Length: 17.75 inches (450mm)



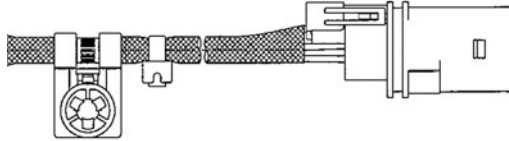
5 Lead Terminated



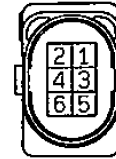
24382 OE Type Heated WB Sensor



L Length: 18.75 inches (475mm)



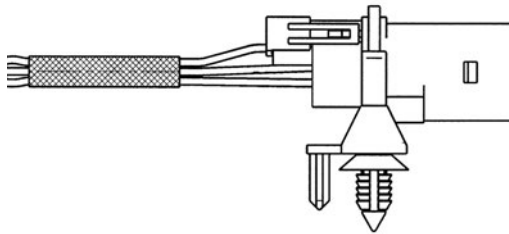
5 Lead Terminated



24384 OE Type Heated WB Sensor



L Length: 11.5 inches (292mm)



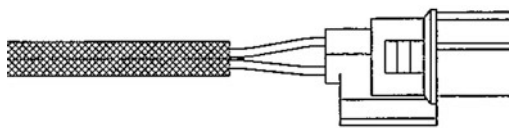
5 Lead Terminated



24385 OE Type Heated WB Sensor



L Length: 10.25 inches (263mm)



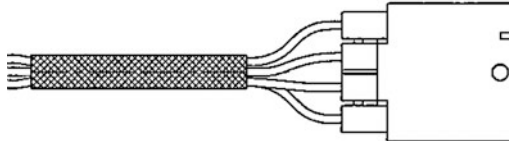
5 Lead Terminated



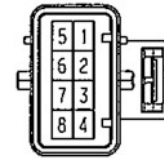
24386 OE Type Heated WB Sensor



L Length: 10.25 inches (263mm)



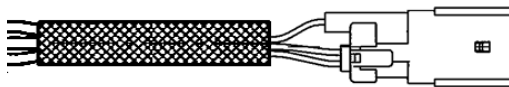
5 Lead Terminated



24387 OE Type Heated WB Sensor



L Length: 11.5 inches (292mm)



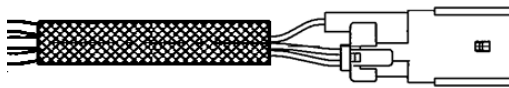
5 Lead Terminated



24388 OE Type Heated WB Sensor




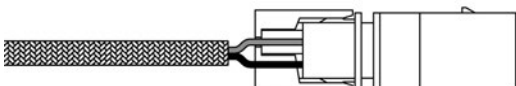
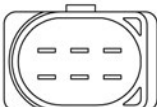

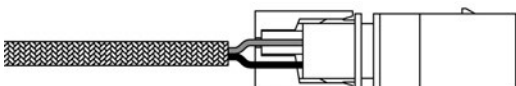


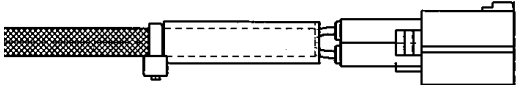


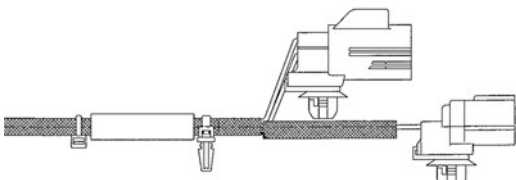
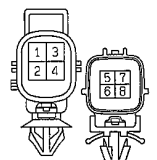

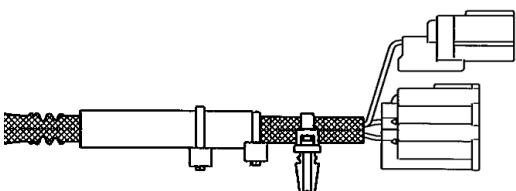


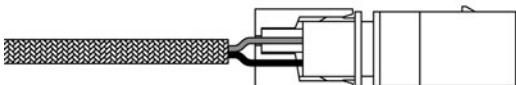
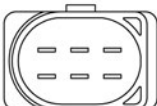
L Length: 16.5 inches (422mm)



5 Lead Terminated





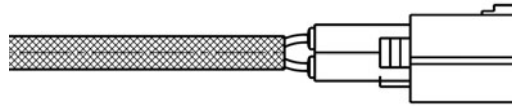
| | | |
|--|--|--|
| <p>24389 OE Type Heated WB Sensor</p>  | <p>L Length: 25.5 inches (645mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24390 OE Type Heated WB Sensor</p>  | <p>L Length: 26 inches (660mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24391 OE Type Heated WB Sensor</p>  | <p>L Length: 19.5 inches (495mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24392 OE Type Heated WB Sensor</p>  | <p>L Length: 30.00 / 31.00 inches (760 / 790mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24393 OE Type Heated WB Sensor</p>  | <p>L Length: 28.25 / 29.75 inches (715 / 755mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>24394 OE Type Heated WB Sensor</p>  | <p>L Length: 20.5 inches (520mm)</p>  | <p>5 Lead Terminated</p>  |



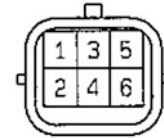
24395 OE Type Heated WB Sensor



L Length: 12.5 inches (320mm)



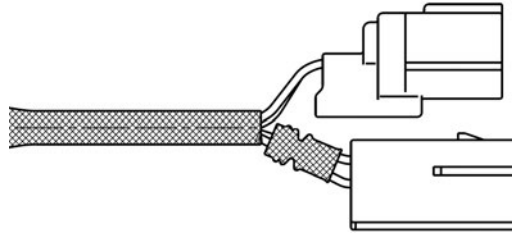
5 Lead Terminated



24396 OE Type Heated WB Sensor



L Length: 11.00 / 12.50 inches (280 / 320mm)



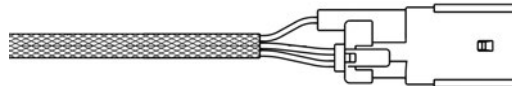
5 Lead Terminated



24397 OE Type Heated WB Sensor



L Length: 11.5 inches (292mm)



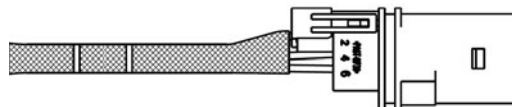
5 Lead Terminated



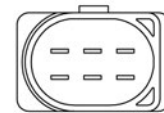
24398 OE Type Heated WB Sensor



L Length: 26.5 inches (670mm)



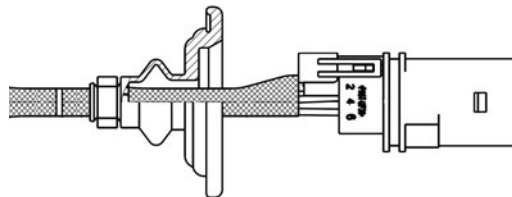
5 Lead Terminated



24399 OE Type Heated WB Sensor



L Length: 40.5 inches (1030mm)



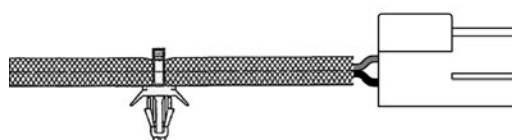
5 Lead Terminated



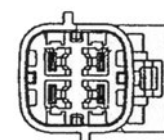
24400 OE Type Heated ZrO2 Sensor



L Length: 35.75 inches (911mm)



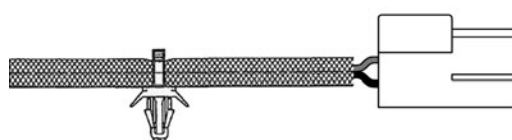
4 Lead Terminated



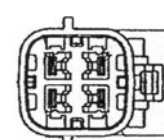
24401 OE Type Heated ZrO2 Sensor



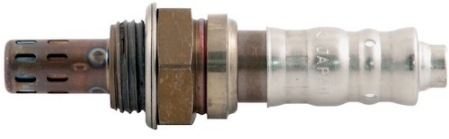



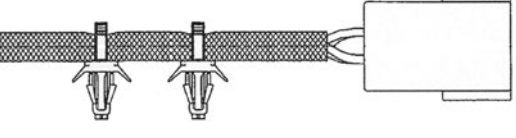
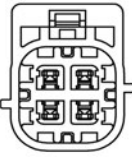
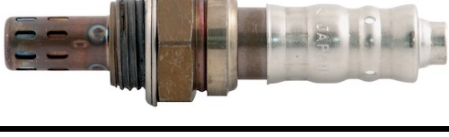
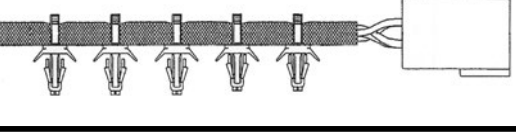
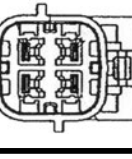
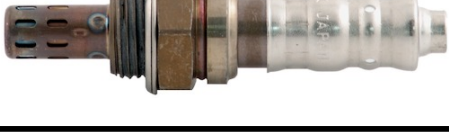
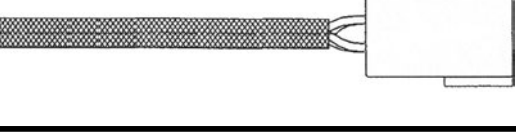
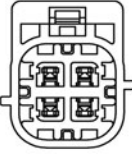
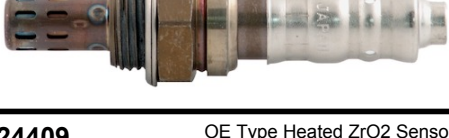
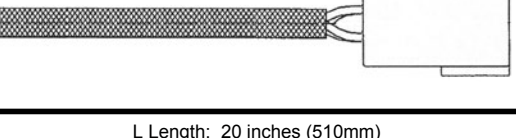
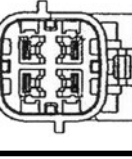
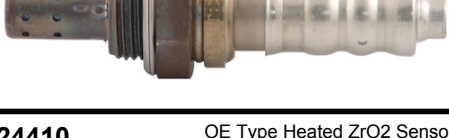
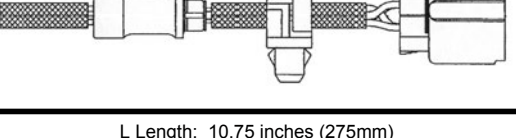
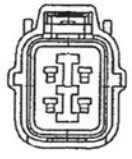
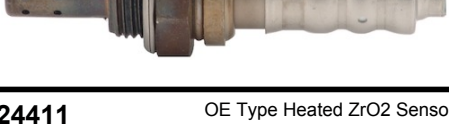
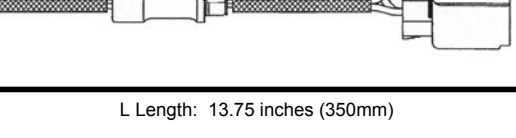
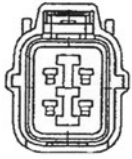


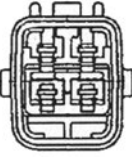
L Length: 21 inches (531mm)



4 Lead Terminated


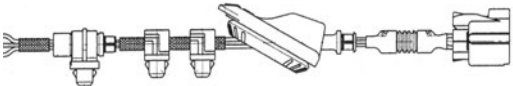
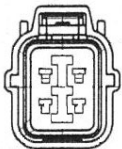

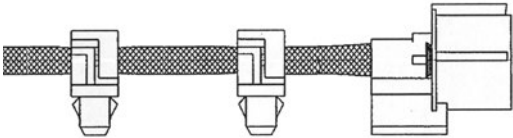
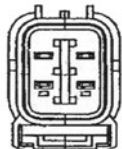

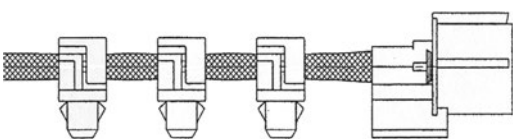
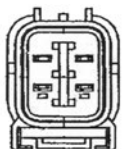

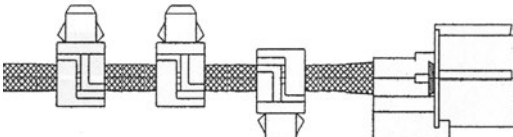
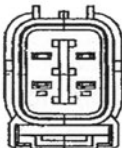

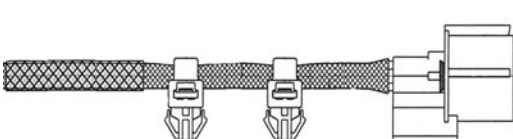
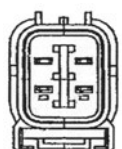


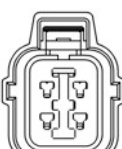


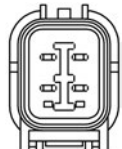

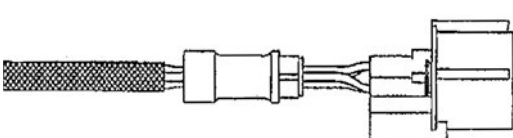
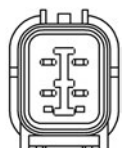




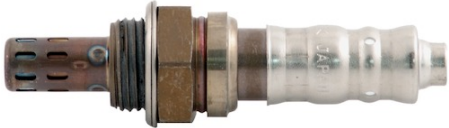
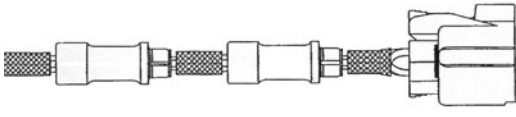
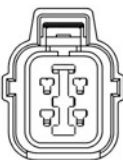

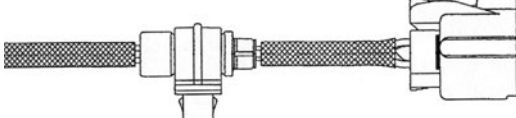
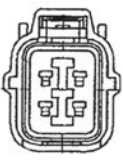


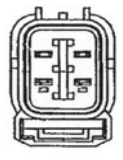

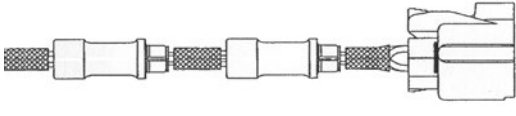
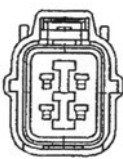
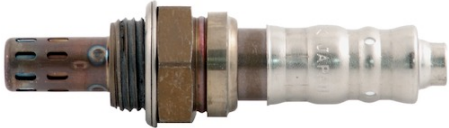

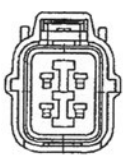
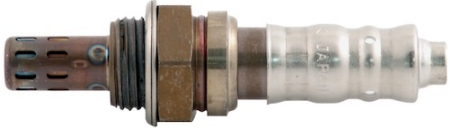

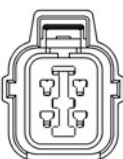
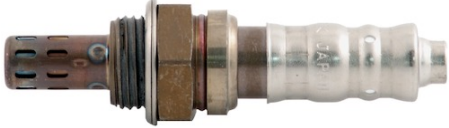
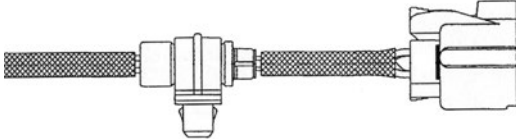
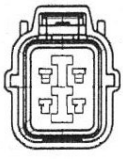
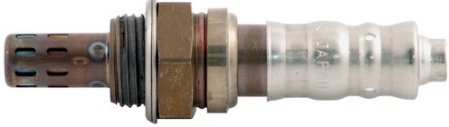
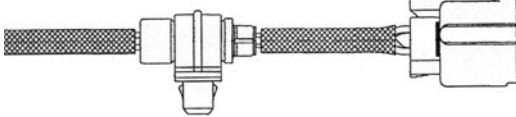
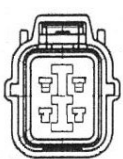
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| <p>24404 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.5 inches (371mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24405 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35 inches (891mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24406 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 47.75 inches (1211mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24407 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.5 inches (471mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24408 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.5 inches (371mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24409 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20 inches (510mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24410 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (275mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24411 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor


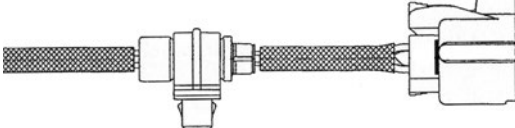
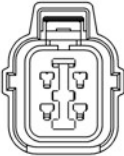







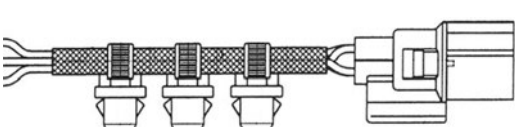


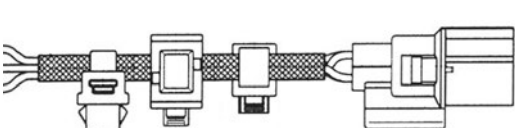


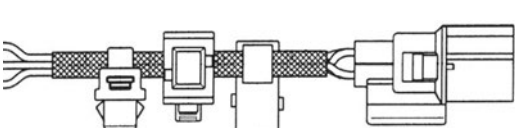


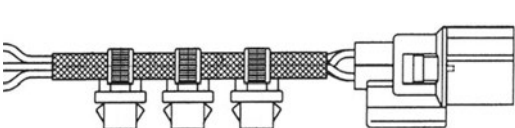




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| <p>24412 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 40.5 inches (1030mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24413 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (427mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24414 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.25 inches (540mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24416 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.5 inches (547mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24417 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.5 inches (520mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24419 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.25 inches (335mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24420 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24421 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.25 inches (410mm)</p>  | <p>4 Lead Terminated</p>  |




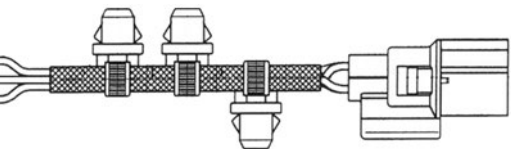

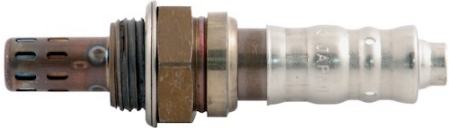
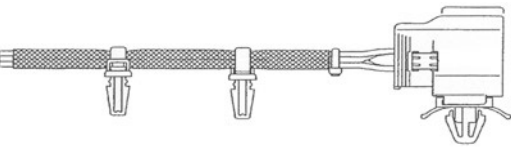
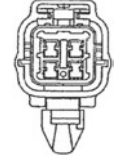
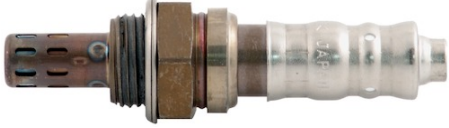
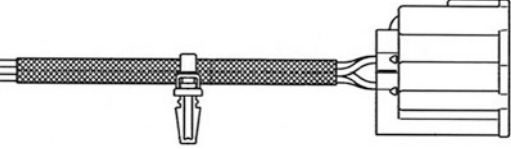
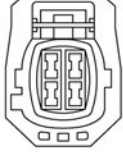

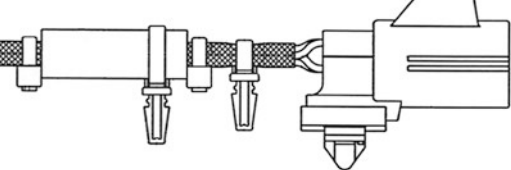
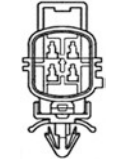

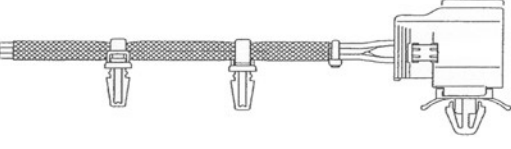
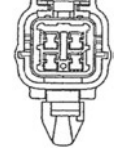


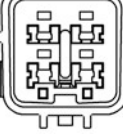

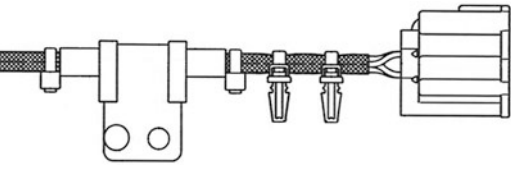

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| <p>24422 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (595mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24423 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (595mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24425 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.5 inches (320mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24426 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (595mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24427 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.25 inches (260mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24429 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.25 inches (260mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24430 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.25 inches (740mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24431 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22 inches (561mm)</p>  | <p>4 Lead Terminated</p>  |



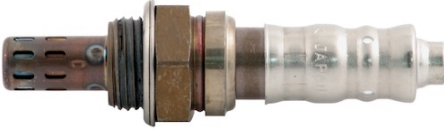
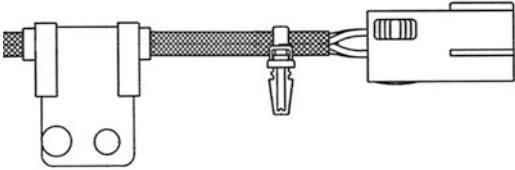
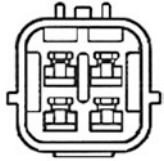
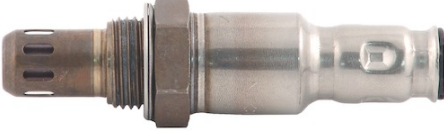

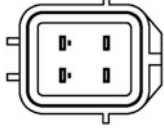
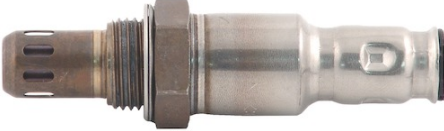

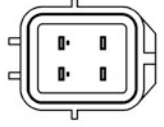
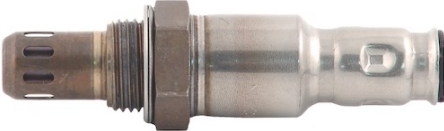

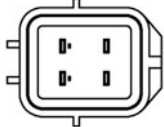

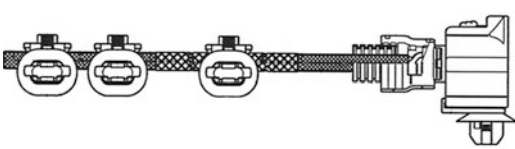


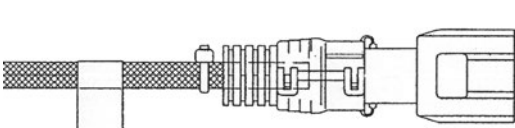
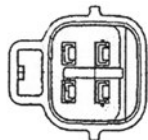


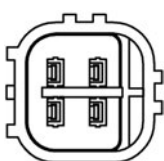

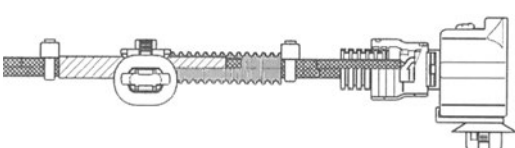

ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

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| <p>24432 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.25 inches (664mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24433 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19 inches (485mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24434 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 8 inches (205mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24435 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (555mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24436 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.5 inches (546mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24437 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.25 inches (542mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24438 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.75 inches (630mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24439 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 32 inches (815mm)</p>  | <p>4 Lead Terminated</p>  |


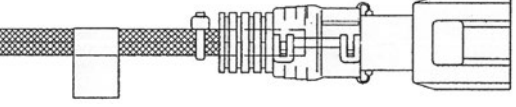



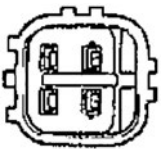

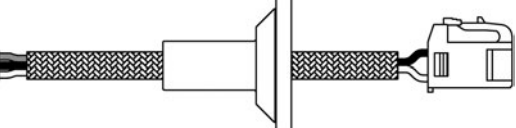

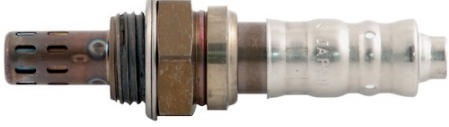






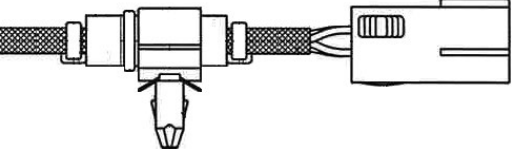
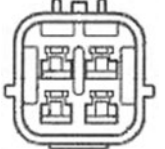
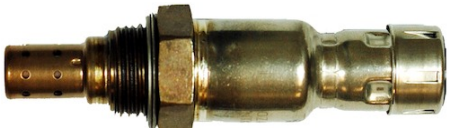
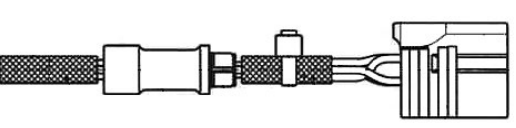

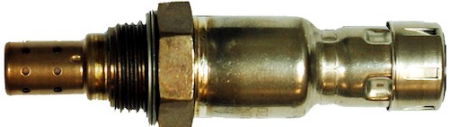
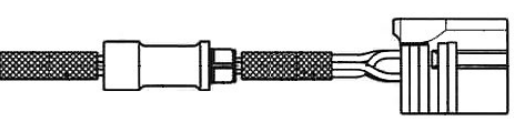



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| <p>24440 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.5 inches (546mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24441 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.25 inches (640mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24442 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.25 inches (360mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24443 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.5 inches (650mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24444 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 52.25 inches (1330mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24445 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22 inches (560mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24446 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 30.25 inches (770mm)</p>  | <p>4 Lead Terminated</p>  |




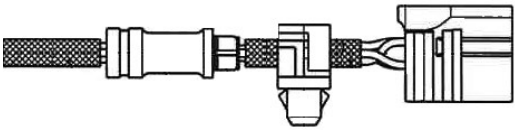


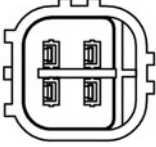
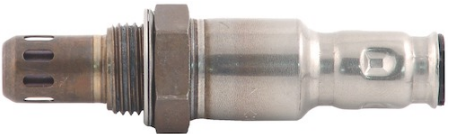

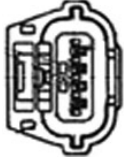
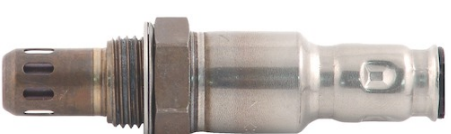



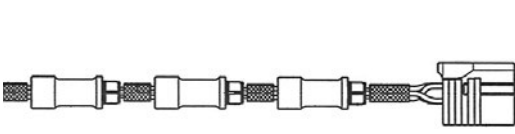


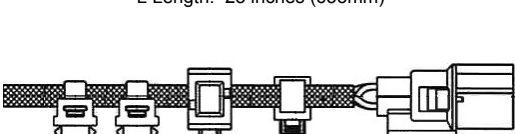

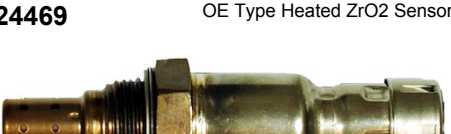
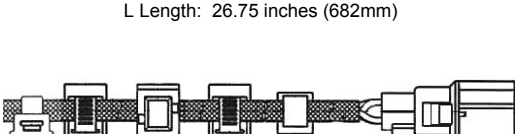


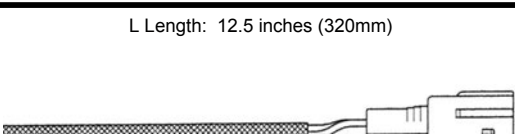
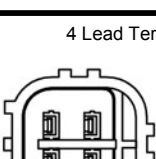
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| <p>24447 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.25 inches (640mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24448 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.5 inches (471mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24449 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (271mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24450 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.5 inches (471mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24451 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31 inches (790mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24452 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.25 inches (335mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24453 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.25 inches (335mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24454 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.5 inches (520mm)</p>  | <p>4 Lead Terminated</p>  |




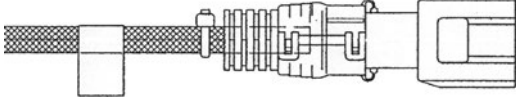
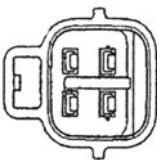
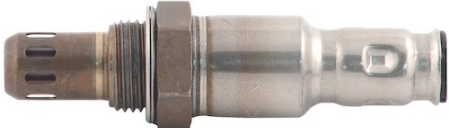

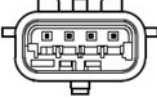

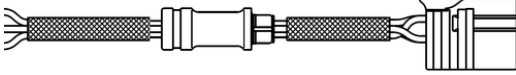



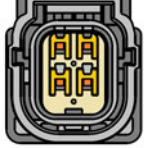

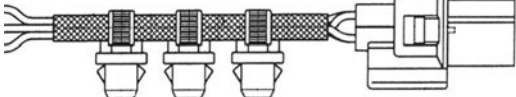









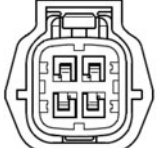
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| <p>24455 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.5 inches (315mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24456 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.5 inches (320mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24457 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.25 inches (335mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24458 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.5 inches (320mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24459 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.25 inches (364mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24460 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24461 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24462 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13 inches (331mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor


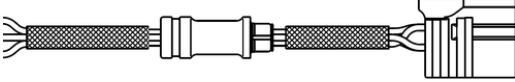

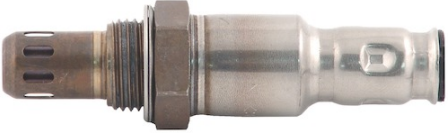

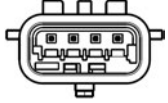




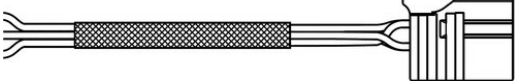




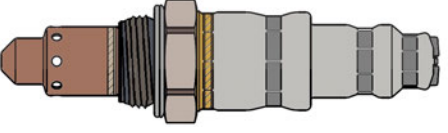


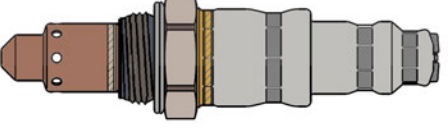


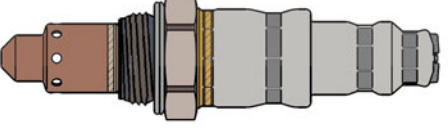
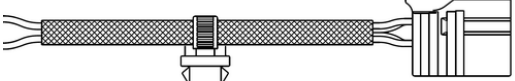

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| <p>24463 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.5 inches (344mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24464 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24465 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.5 inches (471mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24466 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (271mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24467 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 32.25 inches (822mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24468 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25 inches (633mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24469 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.75 inches (682mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24470 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.5 inches (320mm)</p>  | <p>4 Lead Terminated</p>  |



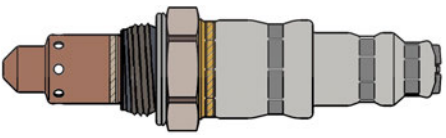
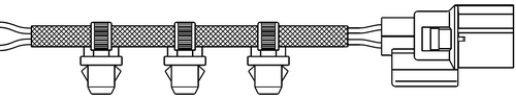

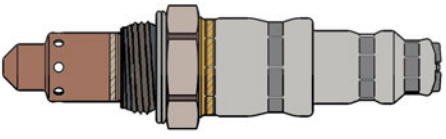
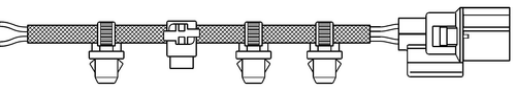




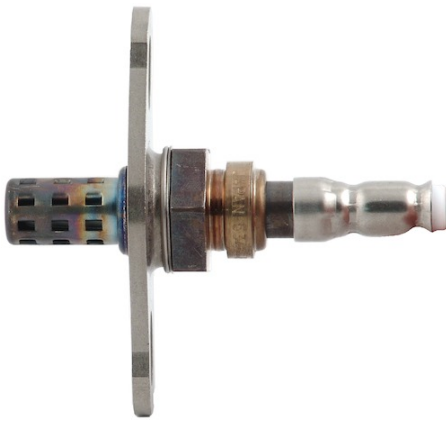

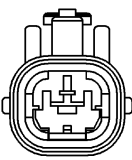
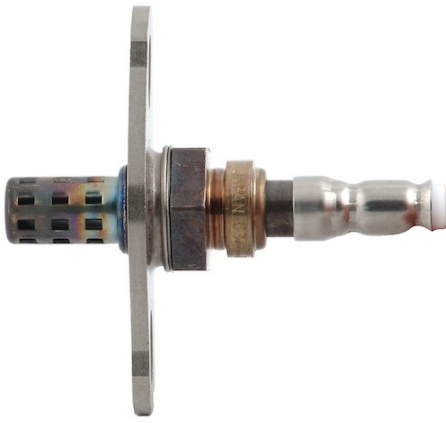

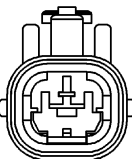
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| <p>24471 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24472 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.25 inches (385mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24473 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.5 inches (292mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24474 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.5 inches (240mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24475 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.25 inches (537mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24476 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.25 inches (237mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24477 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 8.25 inches (210mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24478 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.5 inches (240mm)</p>  | <p>4 Lead Terminated</p>  |



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| | | |
|---|--|--|
| <p>24479 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24480 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.25 inches (285mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24481 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 8.75 inches (221mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24482 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.5 inches (240mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24483 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 8.75 inches (221mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24484 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.25 inches (262mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24485 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.5 inches (417mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24486 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10 inches (255mm)</p>  | <p>4 Lead Terminated</p>  |



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| <p>24487 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.5 inches (546mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24488 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22 inches (557mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24500 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>24502 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>24504 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 20 inches (505mm)</p>  | <p>1 Lead Terminated</p>  |



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TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

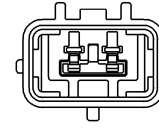
24505 OE Type Unheated ZrO2 Sensor



L Length: 19 inches (480mm)



2 Lead Terminated



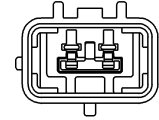
24506 OE Type Unheated ZrO2 Sensor



L Length: 23.5 inches (600mm)



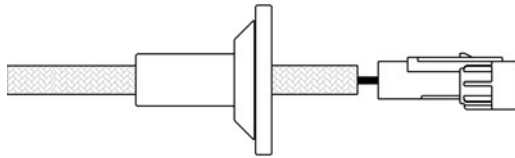
2 Lead Terminated



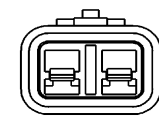
24507 OE Type Unheated ZrO2 Sensor



L Length: 17.75 inches (450mm)



2 Lead Terminated



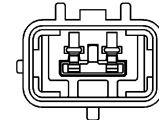
24508 OE Type Unheated ZrO2 Sensor



L Length: 11.75 inches (300mm)



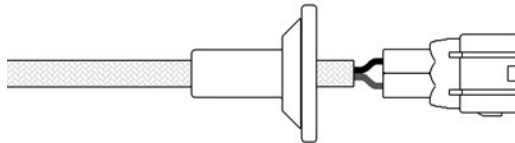
2 Lead Terminated



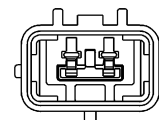
24509 OE Type Unheated ZrO2 Sensor



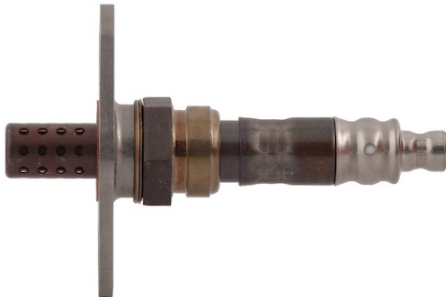
L Length: 17.75 inches (450mm)



2 Lead Terminated



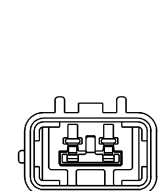
24510 OE Type Unheated ZrO2 Sensor



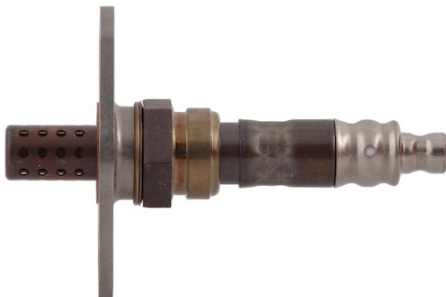
L Length: 7.75 inches (200mm)



2 Lead Terminated



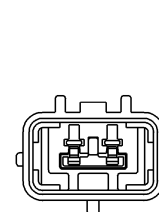
24511 OE Type Unheated ZrO2 Sensor



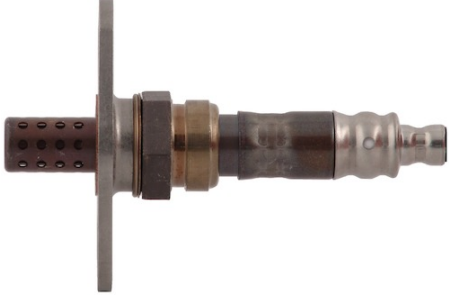

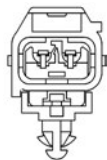
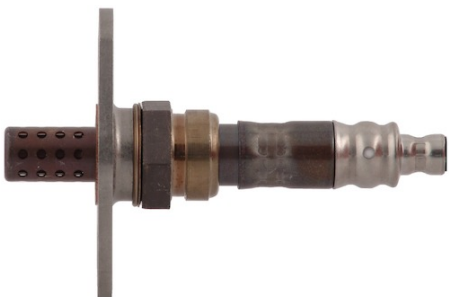

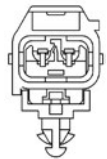
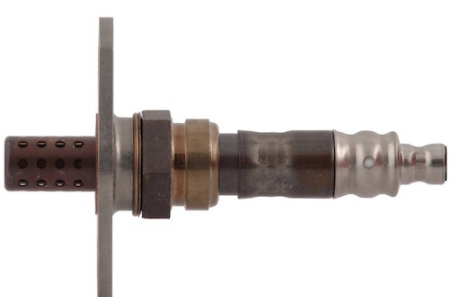

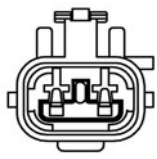

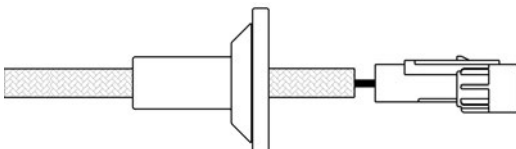

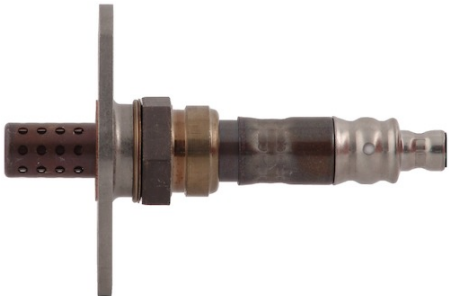


L Length: 17.75 inches (450mm)



2 Lead Terminated






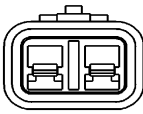


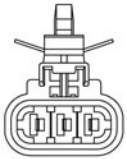
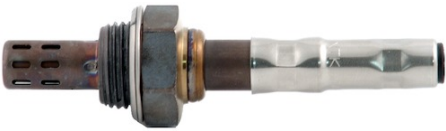



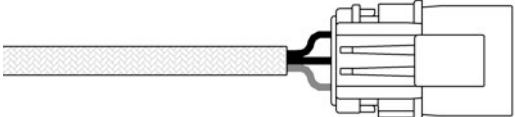
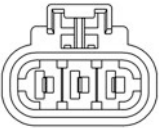
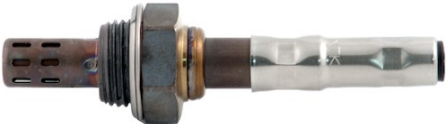




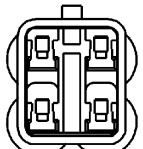
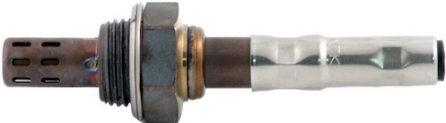

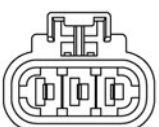





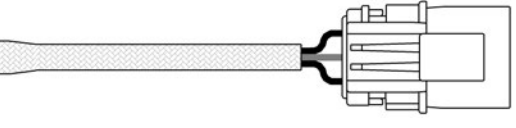
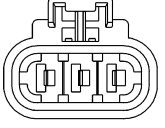


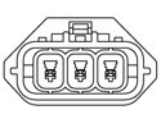



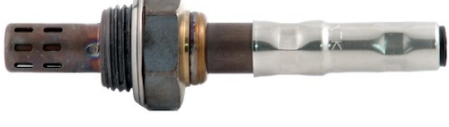

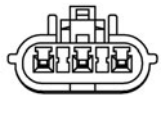
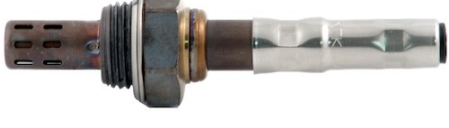

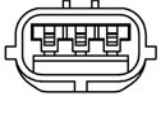
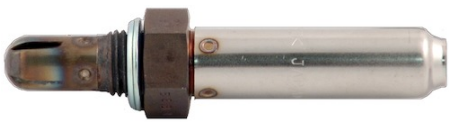

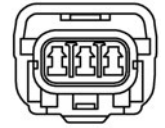

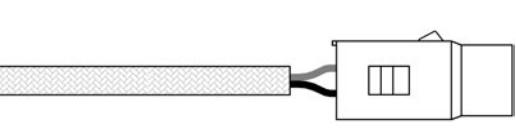


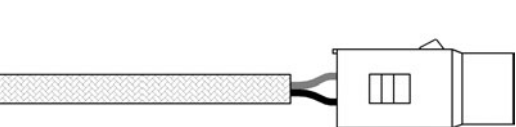

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|--|--|--|
| <p>24512 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>2 Lead Terminated</p>  |
| <p>24513 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 20 inches (505mm)</p>  | <p>2 Lead Terminated</p>  |
| <p>24514 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>2 Lead Terminated</p>  |
| <p>24515 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 24.25 inches (615mm)</p>  | <p>2 Lead Terminated</p>  |
| <p>24516 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 20 inches (505mm)</p>  | <p>2 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

| | | |
|---|--|--|
| <p>24517 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 7.75 inches (200mm)</p>  | <p>2 Lead Terminated</p>  |
| <p>24518 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>2 Lead Terminated</p>  |
| <p>24519 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (275mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24520 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24521 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24523 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24524 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 7 inches (175mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24525 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.75 inches (755mm)</p>  | <p>3 Lead Terminated</p>  |



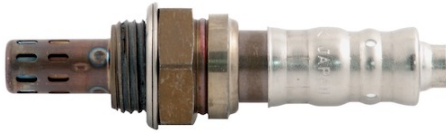
| | | |
|--|--|--|
| <p>24526 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36.75 inches (935mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24527 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.25 inches (390mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24528 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36 inches (915mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24529 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20 inches (510mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24530 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22.75 inches (575mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24531 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 19 inches (485mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24533 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.75 inches (755mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24534 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 8.75 inches (220mm)</p>  | <p>4 Lead Terminated</p>  |



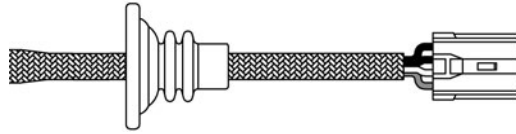
ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

24535

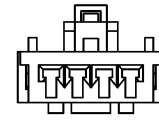
OE Type Heated ZrO2 Sensor



L Length: 21.75 inches (555mm)

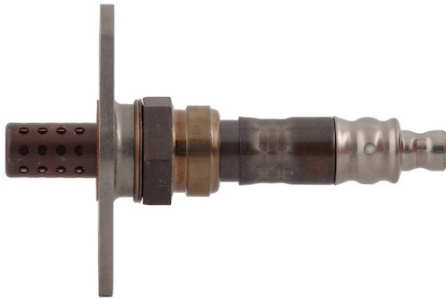


4 Lead Terminated

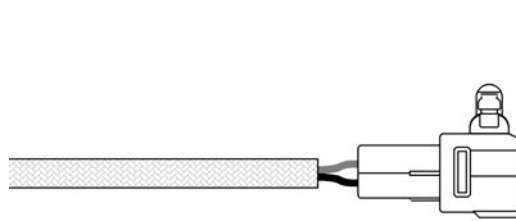


24536

OE Type Heated ZrO2 Sensor



L Length: 14.75 inches (375mm)

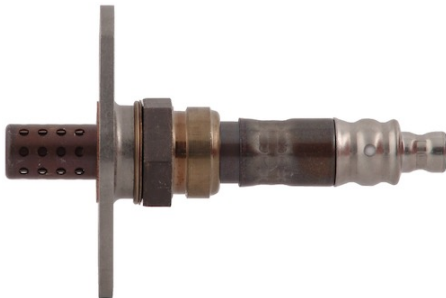


4 Lead Terminated

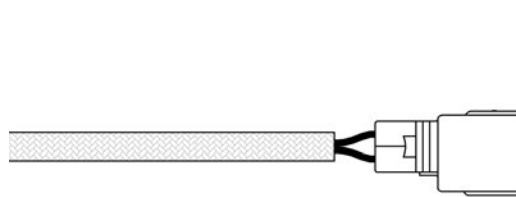


24537

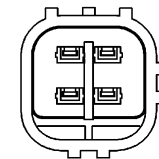
OE Type Heated ZrO2 Sensor



L Length: 20.75 inches (530mm)

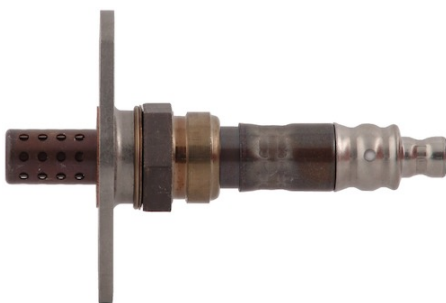


4 Lead Terminated

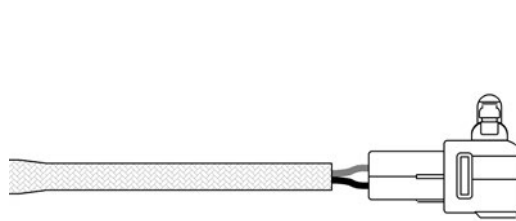


24538

OE Type Heated ZrO2 Sensor



L Length: 22.75 inches (580mm)

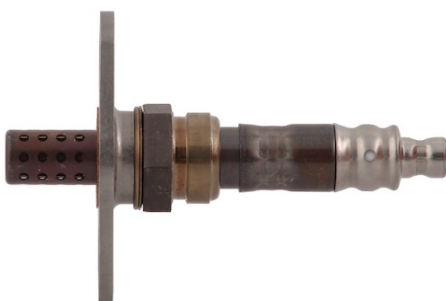


4 Lead Terminated

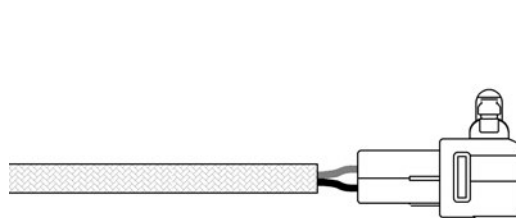


24539

OE Type Heated ZrO2 Sensor




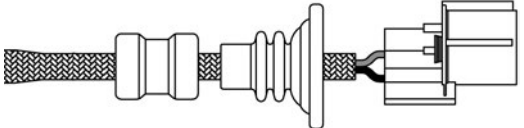
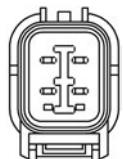

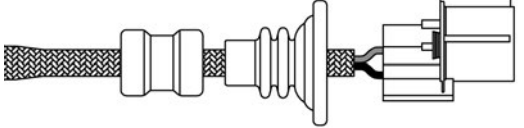
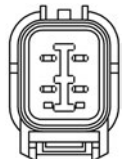

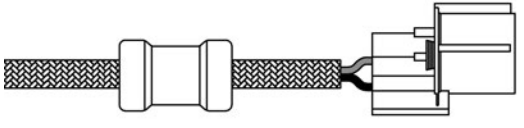
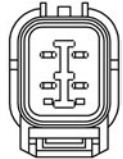

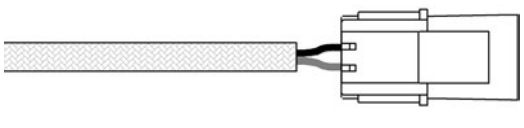
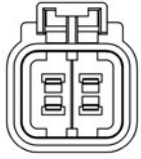

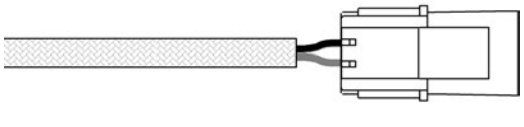
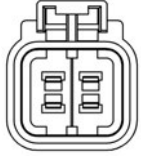

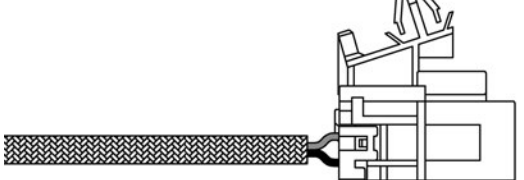
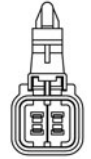

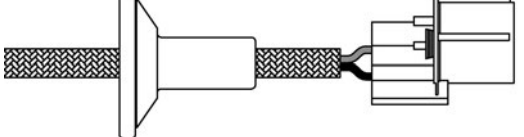
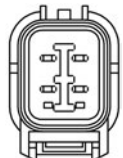
L Length: 20 inches (505mm)



4 Lead Terminated

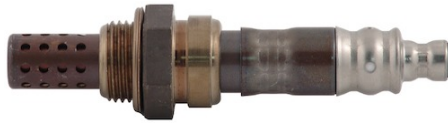




| | | |
|--|---|--|
| <p>24540 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.75 inches (630mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24541 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.75 inches (755mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24542 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24543 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 49.75 inches (1265mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24544 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.75 inches (910mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24545 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24546 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.25 inches (385mm)</p>  | <p>4 Lead Terminated</p>  |



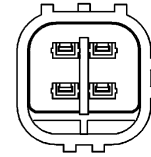
24547 OE Type Heated ZrO2 Sensor



L Length: 22.75 inches (580mm)



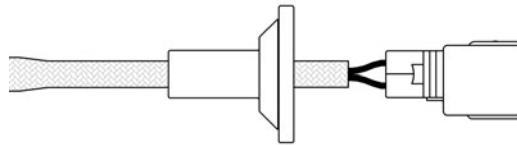
4 Lead Terminated



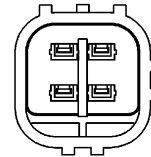
24548 OE Type Heated ZrO2 Sensor



L Length: 13.75 inches (350mm)



4 Lead Terminated



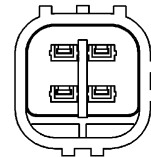
24549 OE Type Heated ZrO2 Sensor



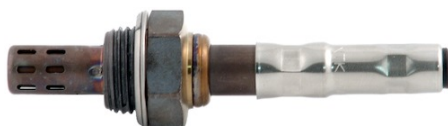
L Length: 29.5 inches (750mm)



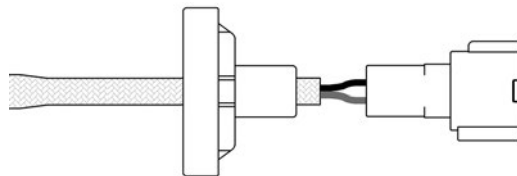
4 Lead Terminated



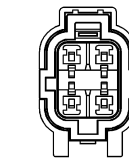
24550 OE Type Heated ZrO2 Sensor



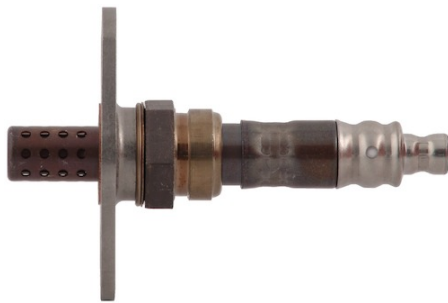
L Length: 28.75 inches (730mm)



4 Lead Terminated



24551 OE Type Heated ZrO2 Sensor



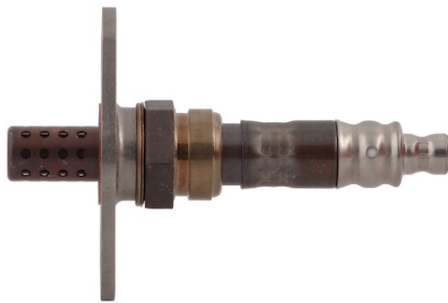
L Length: 9 inches (230mm)



4 Lead Terminated



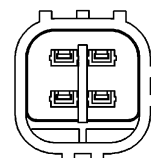
24552 OE Type Heated ZrO2 Sensor



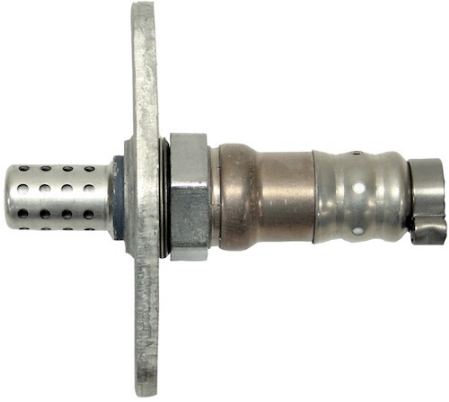

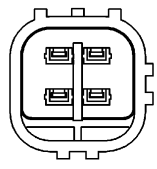
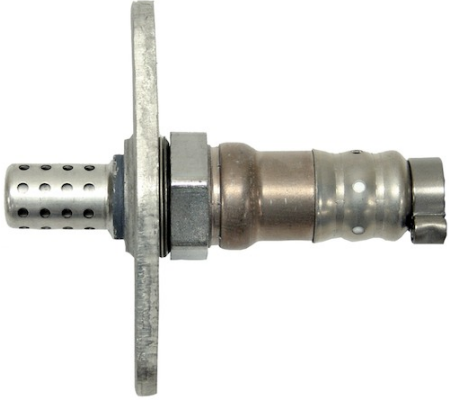

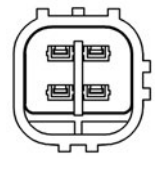
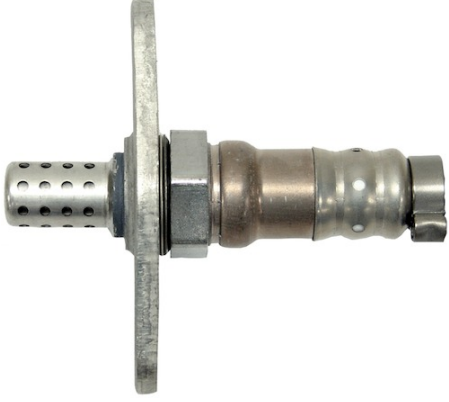
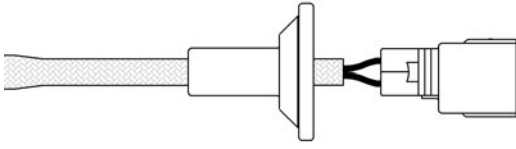
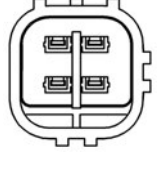
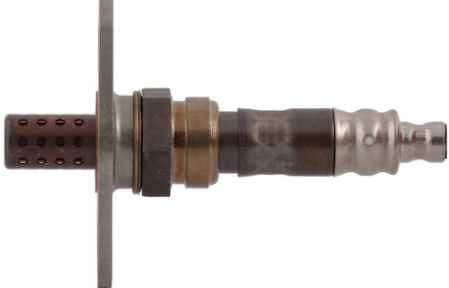

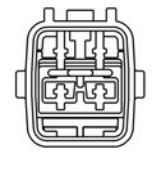
L Length: 13.75 inches (350mm)



4 Lead Terminated



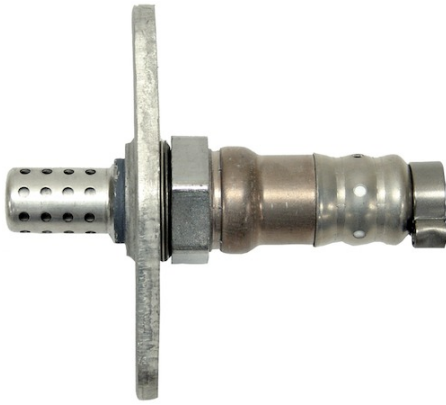


| | | |
|--|--|--|
| <p>24553 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (555mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24554 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.25 inches (410mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24555 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.75 inches (655mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24556 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

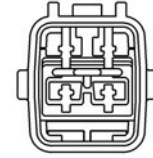
24557 OE Type Heated ZrO2 Sensor



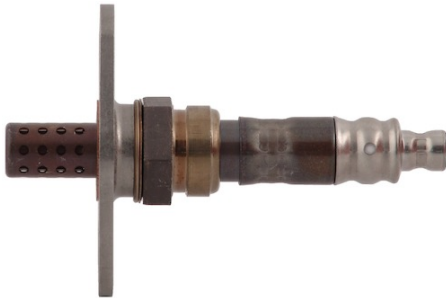
L Length: 10.75 inches (275mm)



4 Lead Terminated



24558 OE Type Heated ZrO2 Sensor



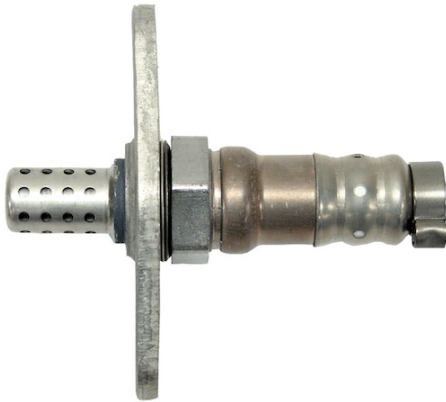
L Length: 12.75 inches (325mm)



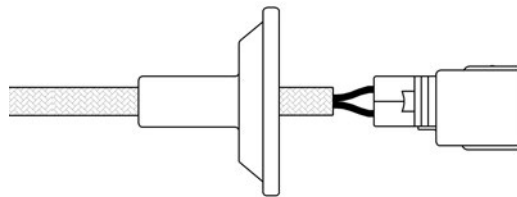
4 Lead Terminated



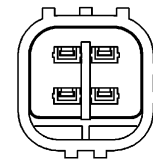
24559 OE Type Heated ZrO2 Sensor



L Length: 36.5 inches (925mm)



4 Lead Terminated



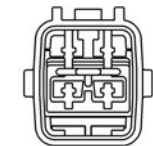
24560 OE Type Heated ZrO2 Sensor



L Length: 10.75 inches (275mm)



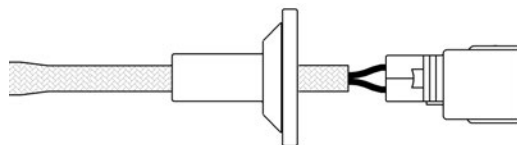
4 Lead Terminated



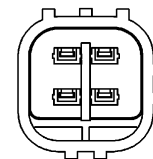
24561 OE Type Heated ZrO2 Sensor





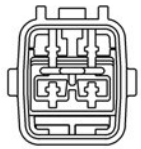


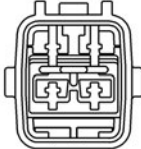


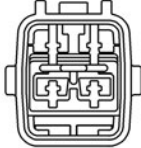

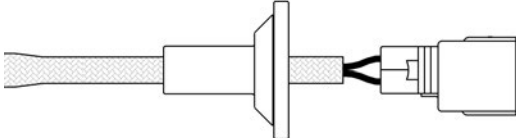
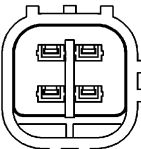
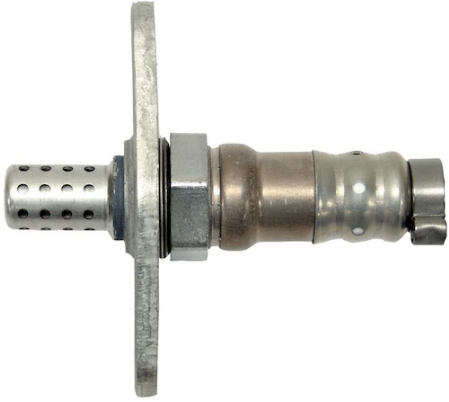
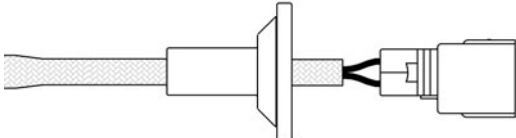
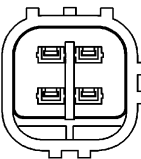
L Length: 32 inches (810mm)



4 Lead Terminated





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| <p>24563 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.5 inches (240mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24564 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24565 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.75 inches (705mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24566 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.75 inches (910mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24567 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20 inches (510mm)</p>  | <p>4 Lead Terminated</p>  |

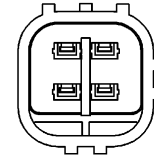
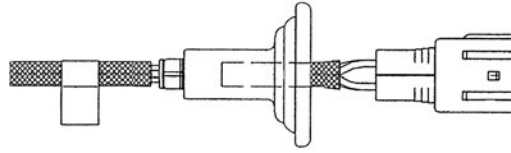
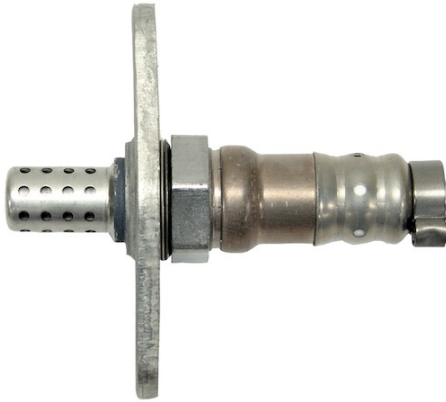


24568

OE Type Heated ZrO2 Sensor

L Length: 31.5 inches (800mm)

4 Lead Terminated

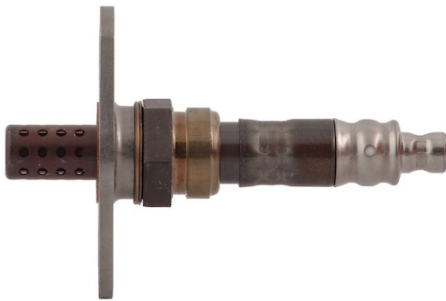


24569

OE Type Heated ZrO2 Sensor

L Length: 32.25 inches (820mm)

4 Lead Terminated

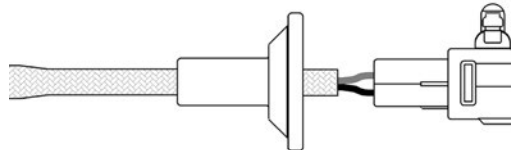
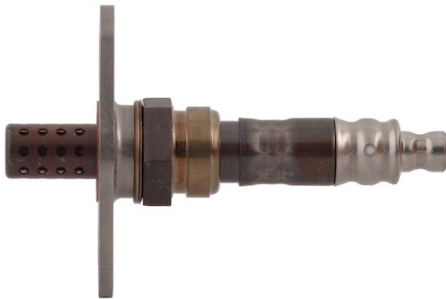


24570

OE Type Heated ZrO2 Sensor

L Length: 19.75 inches (500mm)

4 Lead Terminated

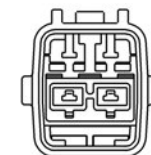
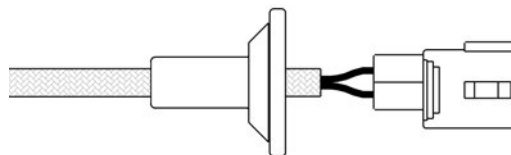


24571

OE Type Heated ZrO2 Sensor

L Length: 20 inches (510mm)

4 Lead Terminated

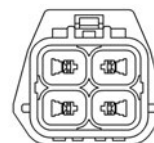
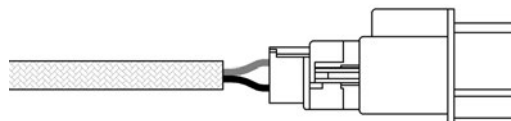


24572


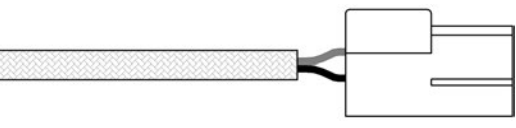
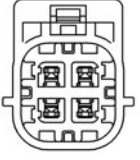

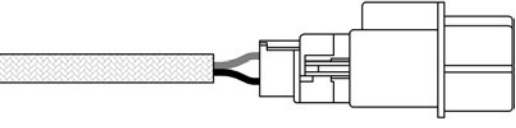
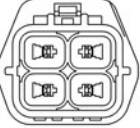
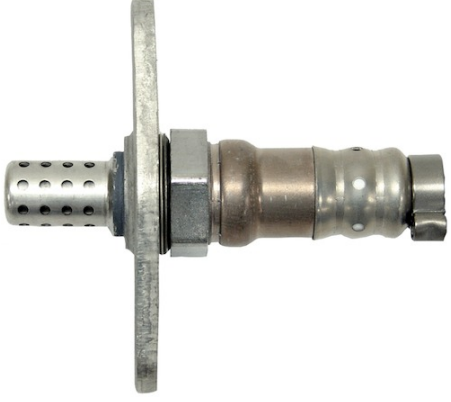

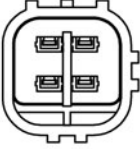

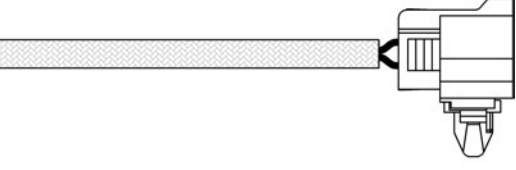
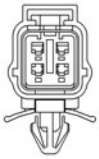

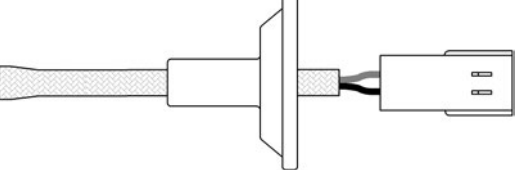
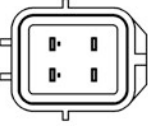



OE Type Heated ZrO2 Sensor

L Length: 36.25 inches (920mm)


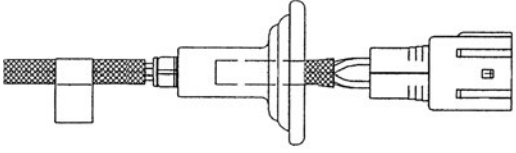
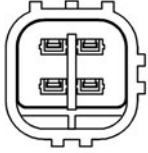


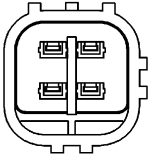


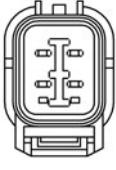


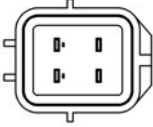

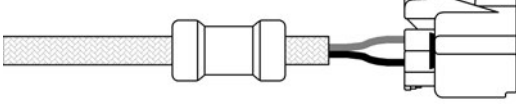
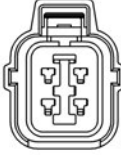


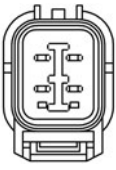

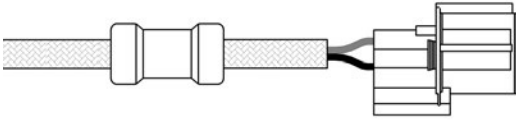
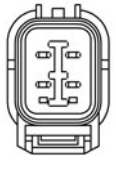


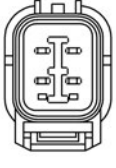
4 Lead Terminated





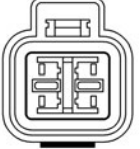


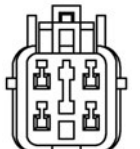


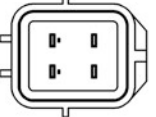


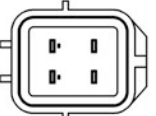


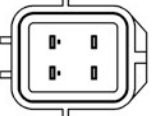


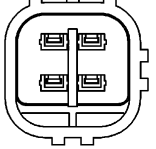
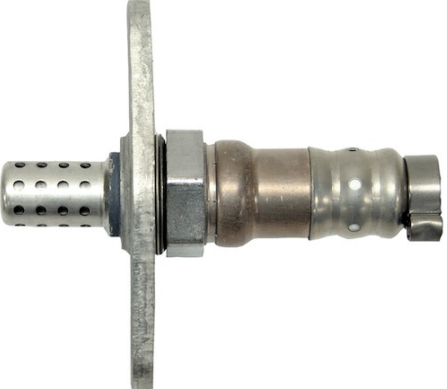

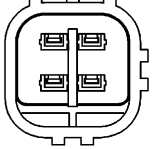


| | | |
|--|--|--|
| <p>24573 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.5 inches (900mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24574 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 39.5 inches (1005mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24575 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 33 inches (840mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24576 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.5 inches (445mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24577 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14 inches (355mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24578 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.25 inches (465mm)</p>  | <p>4 Lead Terminated</p>  |







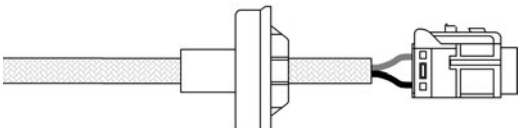
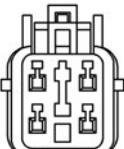


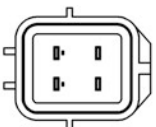

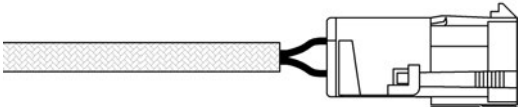
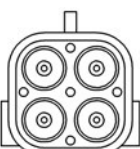

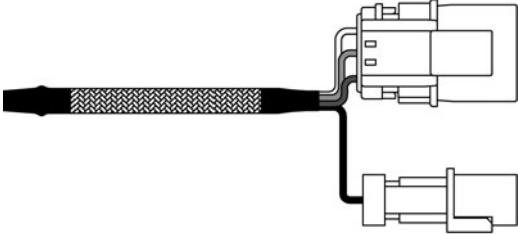


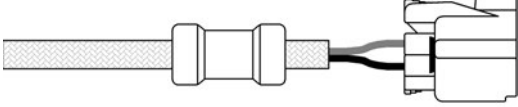
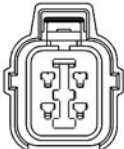

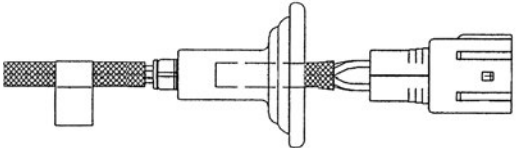
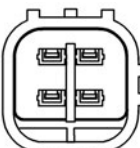
| | | |
|---|--|--|
| <p>24579 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.25 inches (490mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24581 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19 inches (480mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24582 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24583 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24584 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19 inches (480mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24585 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24586 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.5 inches (800mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24587 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35 inches (890mm)</p>  | <p>4 Lead Terminated</p>  |




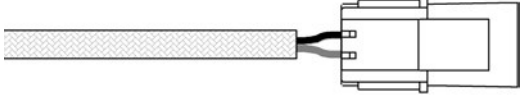
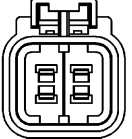
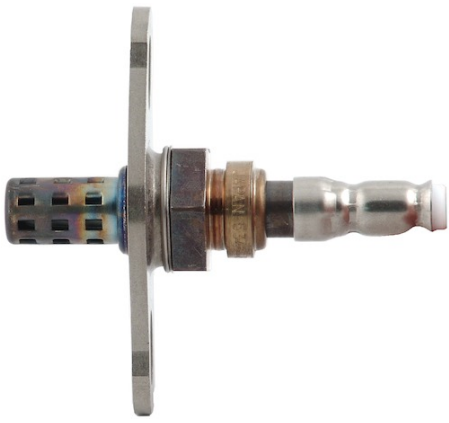







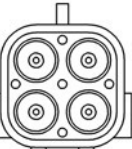


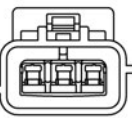
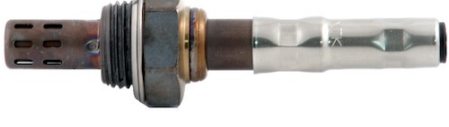
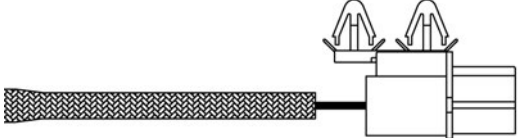
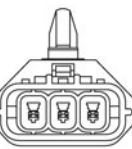
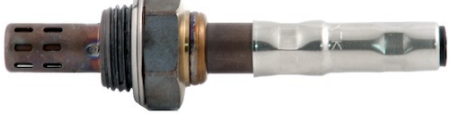

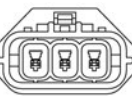
| | | |
|--|--|--|
| <p>24588 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24589 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.25 inches (360mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24591 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24592 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.25 inches (260mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24593 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13 inches (330mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24594 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24595 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9 inches (230mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB 02 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

| | | |
|---|--|--|
| <p>24598 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.5 inches (445mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24599 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24600 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21 inches (535mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24601 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24602 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 70.5 inches (1790mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24603 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 33.75 inches (860mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24605 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.75 inches (680mm)</p>  | <p>4 Lead Terminated</p>  |



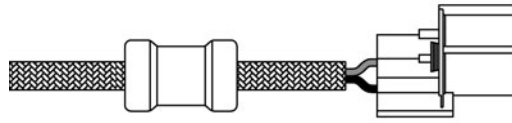
| | | |
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| <p>24606 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 45.75 inches (1165mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24611 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>24614 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.25 inches (440mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24617 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24618 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24619 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.75 inches (680mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24620 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 37 inches (940mm)</p>  | <p>3 Lead Terminated</p>  |



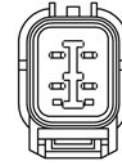
24625 OE Type Heated ZrO2 Sensor



L Length: 11.75 inches (300mm)



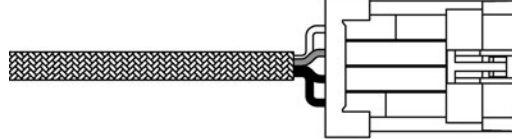
4 Lead Terminated



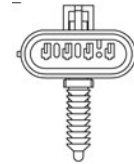
24626 OE Type Heated ZrO2 Sensor



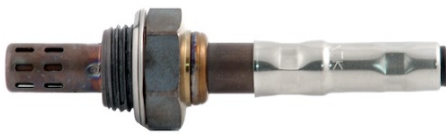
L Length: 14.75 inches (375mm)



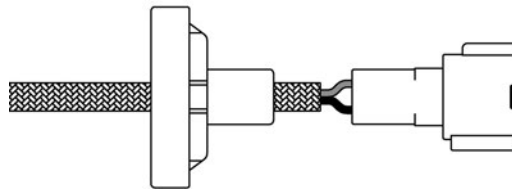
4 Lead Terminated



24630 OE Type Heated ZrO2 Sensor



L Length: 22 inches (560mm)



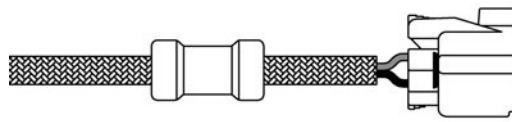
4 Lead Terminated



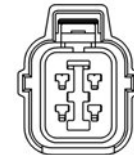
24631 OE Type Heated ZrO2 Sensor



L Length: 12.5 inches (320mm)



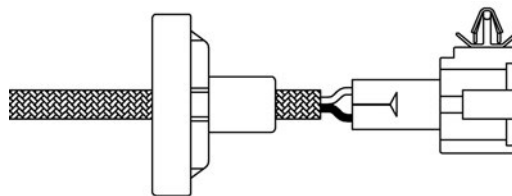
4 Lead Terminated



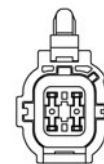
24632 OE Type Heated ZrO2 Sensor



L Length: 29.25 inches (740mm)



4 Lead Terminated



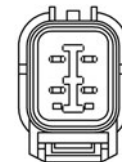
24633 OE Type Heated ZrO2 Sensor



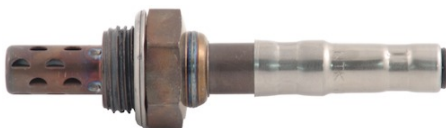
L Length: 18.5 inches (470mm)



4 Lead Terminated



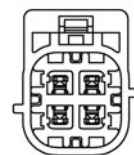
24634 OE Type Heated ZrO2 Sensor



L Length: 39.5 inches (1005mm)






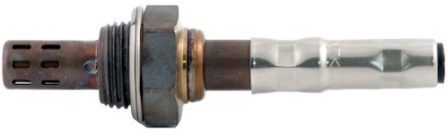




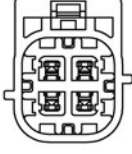

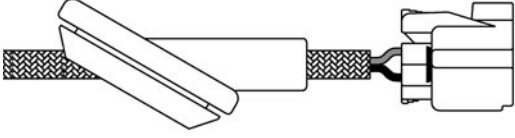
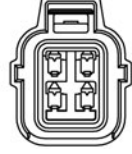
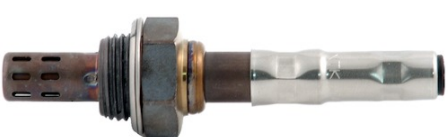
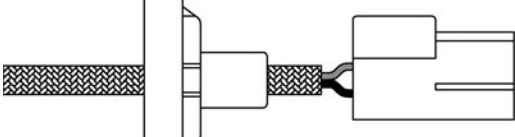
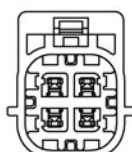

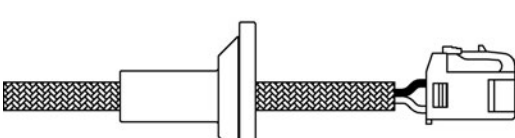
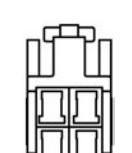

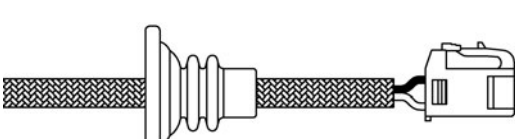
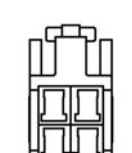
4 Lead Terminated





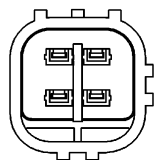


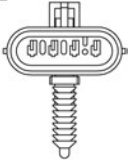


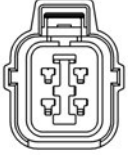
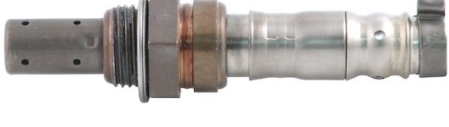

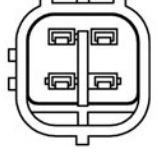
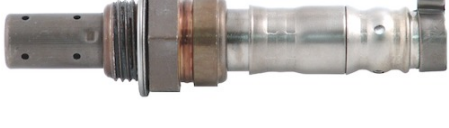

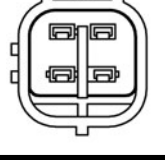
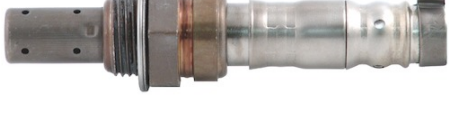

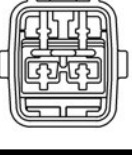


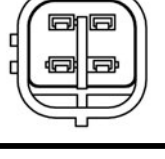


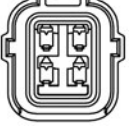


| | | |
|--|--|--------------------------|
| <p>24635 OE Type Heated ZrO2 Sensor</p> | <p>L Length: 49.5 inches (1260mm)</p> | <p>4 Lead Terminated</p> |
| <p>24637 OE Type Heated ZrO2 Sensor</p> | <p>L Length: 32.75 inches (830mm)</p> | <p>4 Lead Terminated</p> |
| <p>24638 OE Type Heated ZrO2 Sensor</p> | <p>L Length: 14.25 inches (360mm)</p> | <p>4 Lead Terminated</p> |
| <p>24639 OE Type Heated ZrO2 Sensor</p> | <p>L Length: 48 inches (1220mm)</p> | <p>4 Lead Terminated</p> |
| <p>24640 OE Type Heated ZrO2 Sensor</p> | <p>L Length: 30.75 inches (780mm)</p> | <p>4 Lead Terminated</p> |
| <p>24641 OE Type Heated ZrO2 Sensor</p> | <p>L Length: 14.25 inches (365mm)</p> | <p>4 Lead Terminated</p> |
| <p>24642 OE Type Heated ZrO2 Sensor</p> | <p>L Length: 27.5 inches (700mm)</p> | <p>4 Lead Terminated</p> |
| <p>24643 OE Type Heated ZrO2 Sensor</p> | <p>L Length: 47.75 inches (1215mm)</p> | <p>4 Lead Terminated</p> |





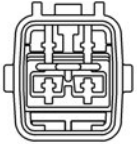


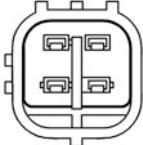


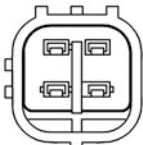
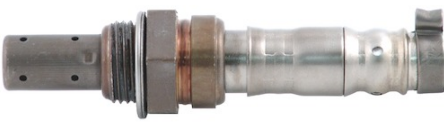

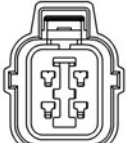
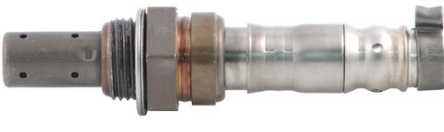

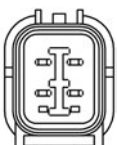
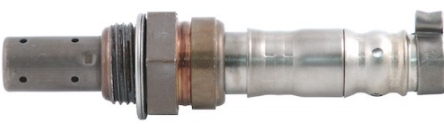

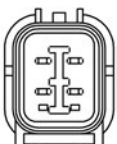
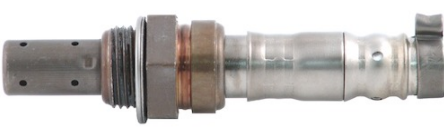




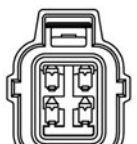
| | | |
|---|---|--|
| <p>24644 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.5 inches (470mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24645 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 30.75 inches (780mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24646 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.25 inches (360mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24647 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 42.25 inches (1070mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24648 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24649 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 30 inches (760mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24650 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.5 inches (620mm)</p>  | <p>4 Lead Terminated</p>  |



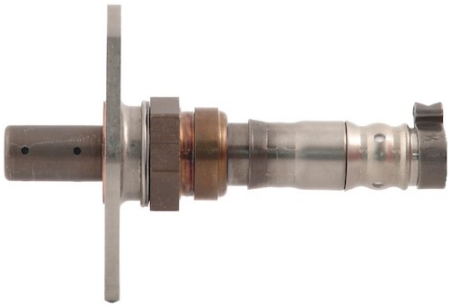

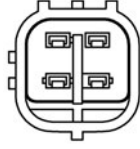
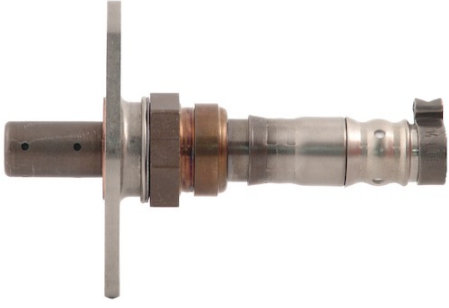

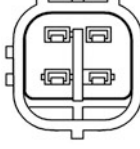



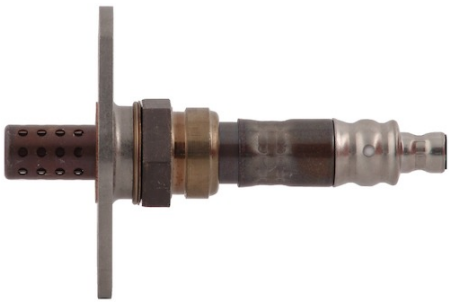




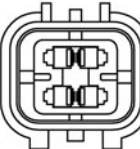

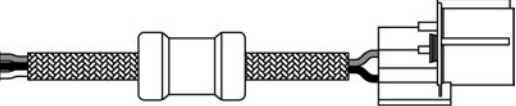
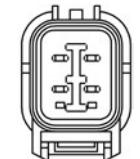
| | | |
|---|--|--|
| <p>24651 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24653 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24655 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.5 inches (340mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24656 OE Type Heated AFR Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24657 OE Type Heated AFR Sensor</p>  | <p>L Length: 20.5 inches (520mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24658 OE Type Heated AFR Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24659 OE Type Heated AFR Sensor</p>  | <p>L Length: 31 inches (790mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24660 OE Type Heated AFR Sensor</p>  | <p>L Length: 13.25 inches (335mm)</p>  | <p>4 Lead Terminated</p>  |



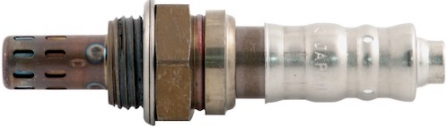

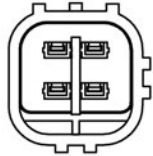
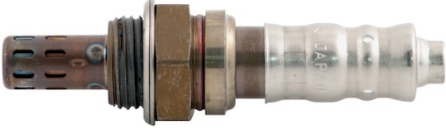
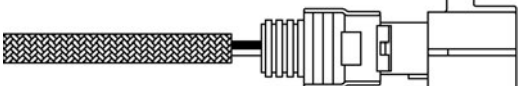

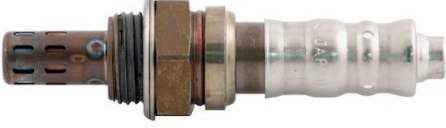




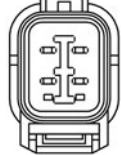


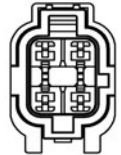


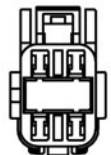
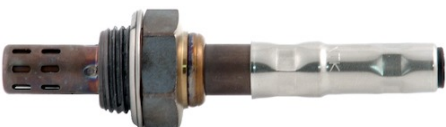

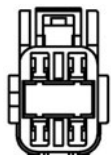



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

| | | |
|--|--|--|
| <p>24661 OE Type Heated AFR Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24662 OE Type Heated AFR Sensor</p>  | <p>L Length: 20 inches (510mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24663 OE Type Heated AFR Sensor</p>  | <p>L Length: 9.5 inches (240mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24664 OE Type Heated AFR Sensor</p>  | <p>L Length: 22 inches (560mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24665 OE Type Heated AFR Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24666 OE Type Heated AFR Sensor</p>  | <p>L Length: 17 inches (430mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24667 OE Type Heated AFR Sensor</p>  | <p>L Length: 15 inches (380mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24668 OE Type Heated AFR Sensor</p>  | <p>L Length: 24 inches (610mm)</p>  | <p>4 Lead Terminated</p>  |

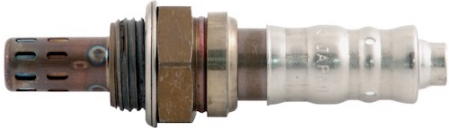
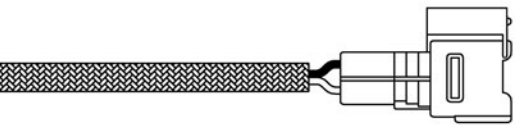

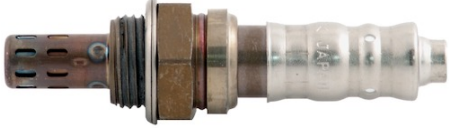
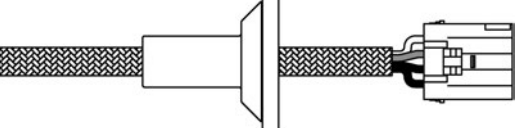
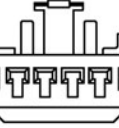

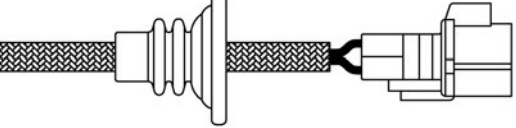

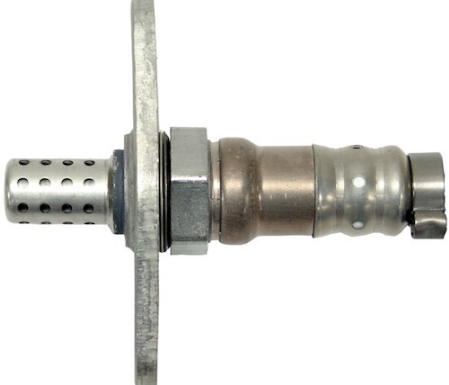
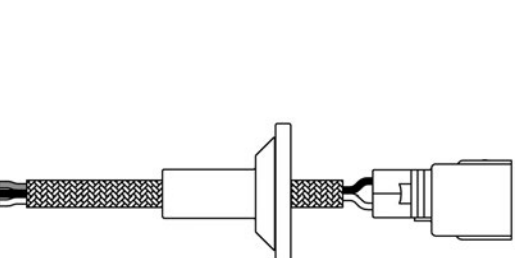



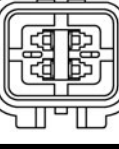

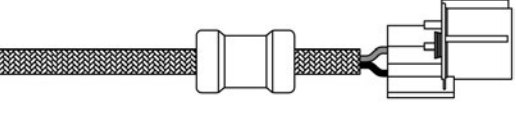
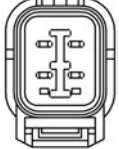





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| <p>24669 OE Type Heated AFR Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24670 OE Type Heated AFR Sensor</p>  | <p>L Length: 16.5 inches (420mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24672 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 22.5 inches (570mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>24673 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.75 inches (250mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24674 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.5 inches (800mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24675 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.5 inches (650mm)</p>  | <p>4 Lead Terminated</p>  |



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| <p>24676 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 34 inches (865mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24677 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.25 inches (360mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24678 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 32 inches (810mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24679 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.5 inches (900mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24681 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.5 inches (620mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24682 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 34.25 inches (870mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24683 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24684 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 40.25 inches (1020mm)</p>  | <p>4 Lead Terminated</p>  |



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| <p>24685 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (530mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24687 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22.5 inches (570mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24688 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24689 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24690 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (460mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24694 OE Type Heated AFR Sensor</p>  | <p>L Length: 20.75 inches (525mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24695 OE Type Heated AFR Sensor</p>  | <p>L Length: 37.75 inches (960mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

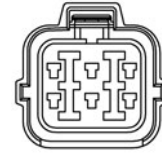
24696 OE Type Heated AFR Sensor



L Length: 22.75 inches (575mm)



4 Lead Terminated



24697 OE Type Heated ZrO2 Sensor



L Length: 23.5 inches (600mm)



4 Lead Terminated



24698 OE Type Heated ZrO2 Sensor



L Length: 17.75 inches (450mm)



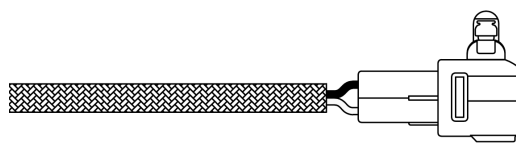
4 Lead Terminated



24699 OE Type Heated ZrO2 Sensor



L Length: 9.75 inches (250mm)



4 Lead Terminated



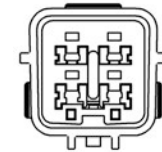
24779 OE Type Heated ZrO2 Sensor



L Length: 16.25 inches (415mm)



4 Lead Terminated



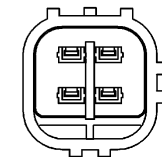
24780 OE Type Heated ZrO2 Sensor



L Length: 10.25 inches (260mm)



4 Lead Terminated



24781 OE Type Heated AFR Sensor



L Length: 18.75 inches (475mm)



4 Lead Terminated



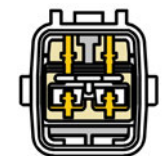
24782 OE Type Heated AFR Sensor






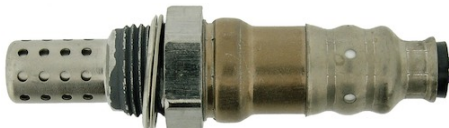
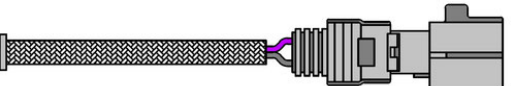

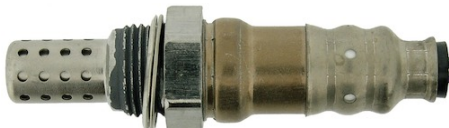

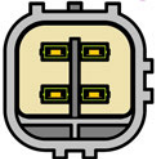


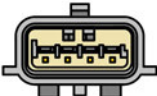

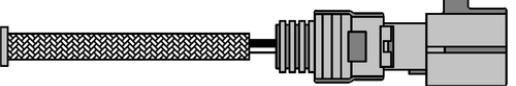


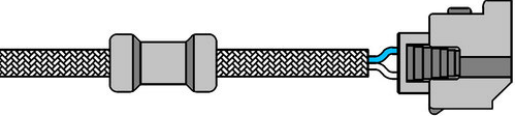






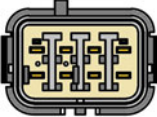
L Length: 17.75 inches (450mm)



4 Lead Terminated








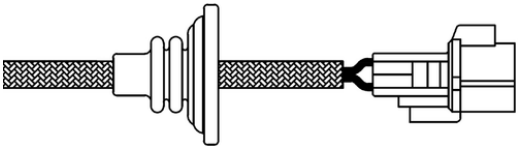


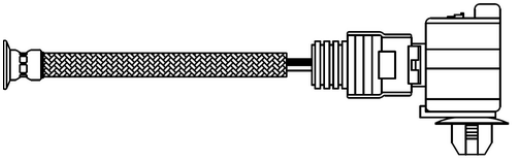



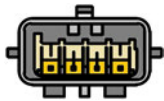
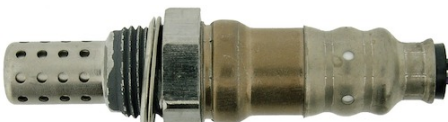

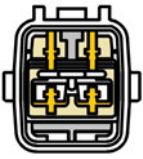

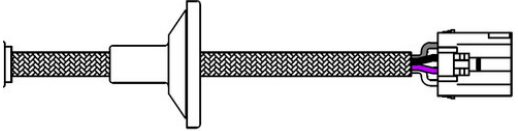










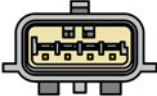


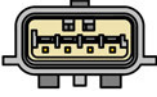







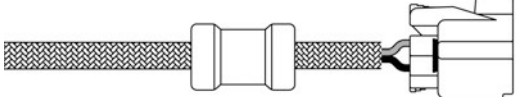
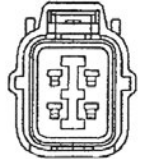


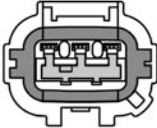


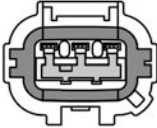

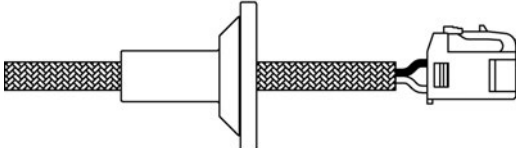
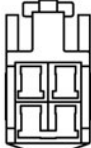
| | | |
|--|--|--|
| <p>24783 OE Type Heated AFR Sensor</p>  | <p>L Length: 15 inches (380mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24784 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17 inches (430mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24785 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 42.25 inches (1075mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24786 OE Type Heated AFR Sensor</p>  | <p>L Length: 20 inches (510mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24787 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.5 inches (625mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24788 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.25 inches (410mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24789 OE Type Heated AFR Sensor</p>  | <p>L Length: 12 inches (305mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24790 OE Type Heated AFR Sensor</p>  | <p>L Length: 11 inches (280mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor


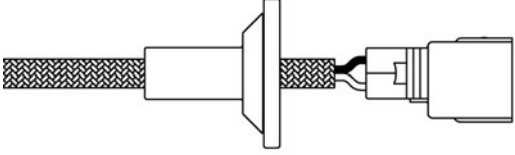
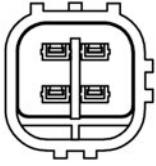

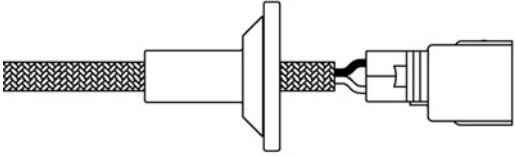
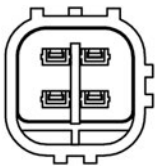
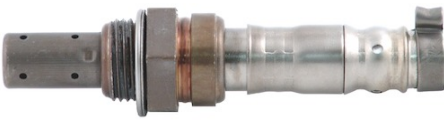

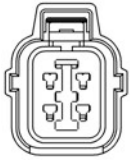
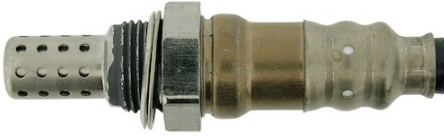
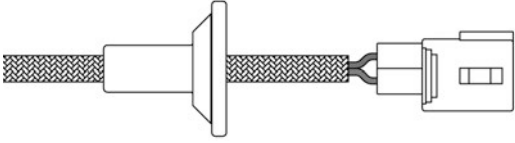



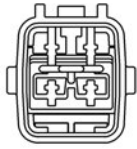

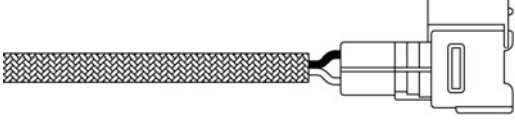



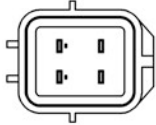



| | | |
|---|--|--|
| <p>24791 OE Type Heated AFR Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24792 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.75 inches (705mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24793 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.5 inches (900mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24794 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.5 inches (650mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24795 OE Type Heated AFR Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24796 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24797 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.75 inches (475mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24798 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |





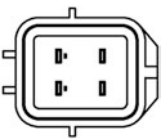





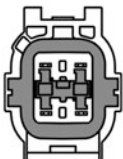

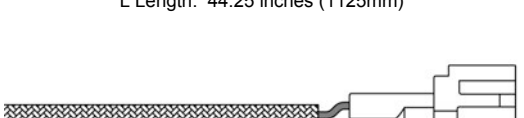
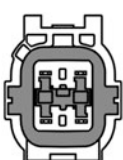

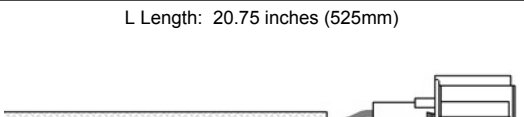
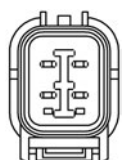

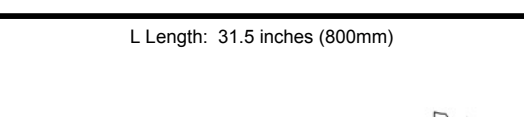

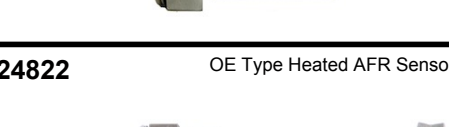
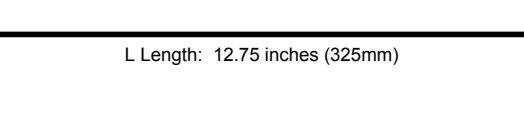
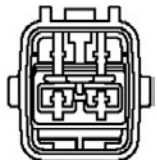
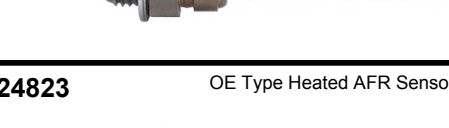
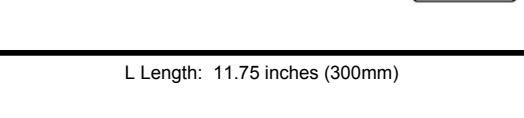
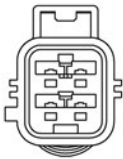
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|--|--|--|
| <p>24799 OE Type Heated AFR Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24800 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24801 OE Type Heated AFR Sensor</p>  | <p>L Length: 9.75 inches (250mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24802 OE Type Heated AFR Sensor</p>  | <p>L Length: 24.5 inches (625mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24803 OE Type Heated AFR Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24804 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24805 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 34.5 inches (875mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>24806 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor


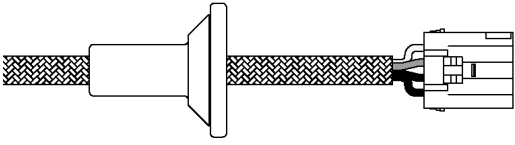
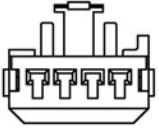


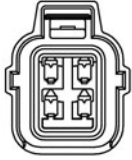


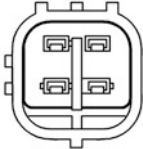


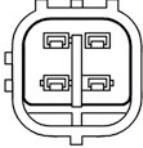


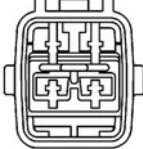





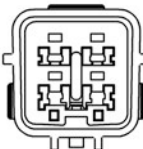

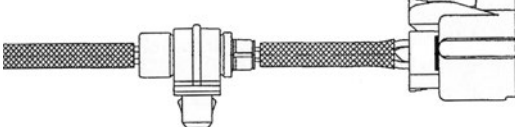
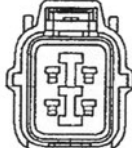
| | | |
|---|--|--|
| <p>24807 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36.5 inches (925mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24808 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.5 inches (800mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24809 OE Type Heated AFR Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24810 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24811 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19 inches (480mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24812 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24814 OE Type Heated AFR Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24815 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |







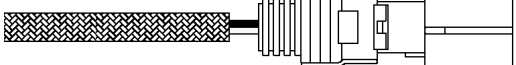


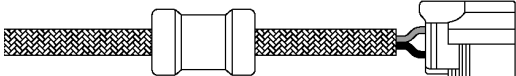
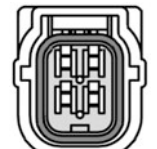


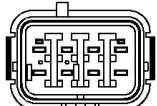


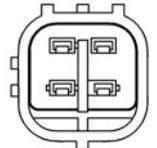

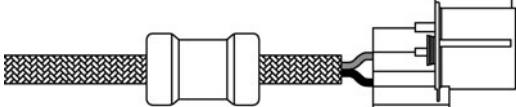
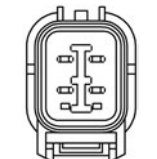
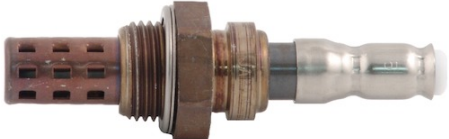

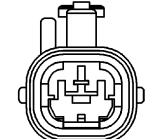

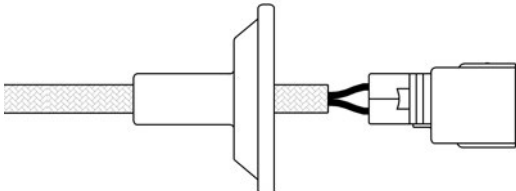
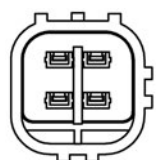
| | | |
|---|--|--|
| <p>24816 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (275mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24817 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24 inches (610mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24818 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 33.5 inches (850mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24819 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 44.25 inches (1125mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24820 OE Type Heated AFR Sensor</p>  | <p>L Length: 20.75 inches (525mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24821 OE Type Heated AFR Sensor</p>  | <p>L Length: 31.5 inches (800mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24822 OE Type Heated AFR Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24823 OE Type Heated AFR Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |



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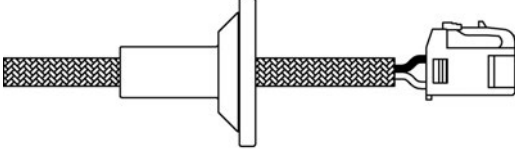
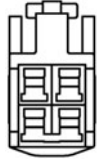

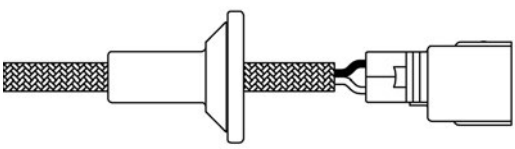
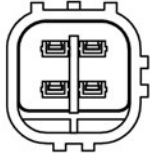


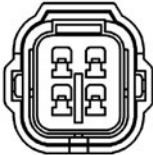

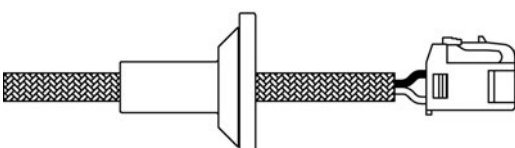
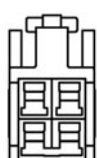


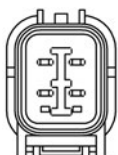




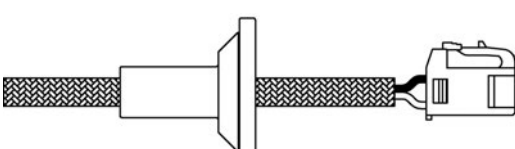
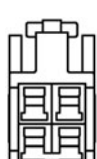
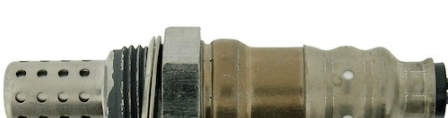
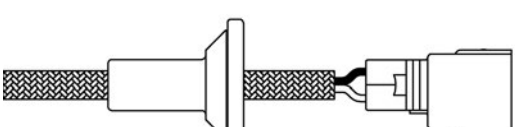
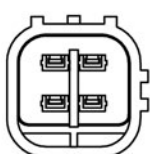
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| <p>24824 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (525mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24825 OE Type Heated AFR Sensor</p>  | <p>L Length: 18.75 inches (475mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24826 OE Type Heated AFR Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24827 OE Type Heated AFR Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24828 OE Type Heated AFR Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24829 OE Type Heated AFR Sensor</p>  | <p>L Length: 8.75 inches (225mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24830 OE Type Heated AFR Sensor</p>  | <p>L Length: 10.75 inches (275mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24831 OE Type Heated AFR Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |





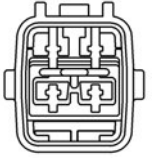


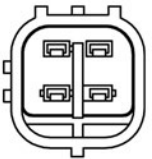


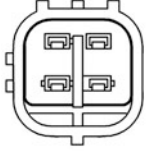


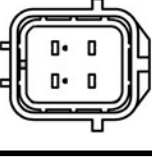


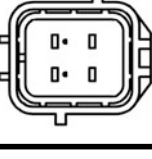
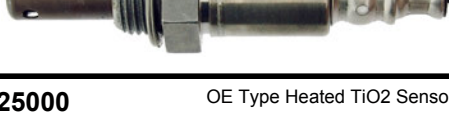

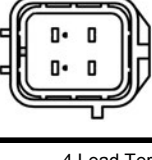
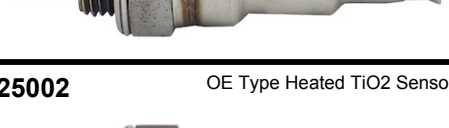

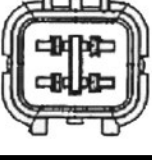

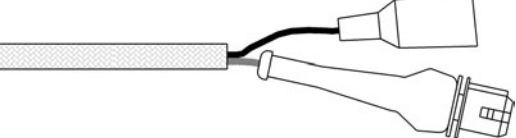

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|--|--|--|
| <p>24833 OE Type Heated AFR Sensor</p>  | <p>L Length: 10.75 inches (275mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24834 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22.75 inches (575mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24835 OE Type Heated AFR Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24836 OE Type Heated AFR Sensor</p>  | <p>L Length: 8.75 inches (225mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24837 OE Type Heated AFR Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24838 OE Type Heated AFR Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24839 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>24840 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
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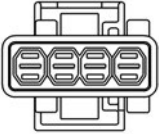


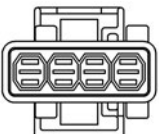

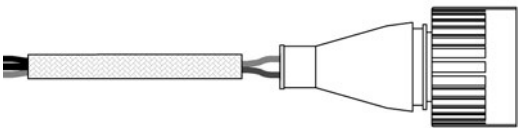




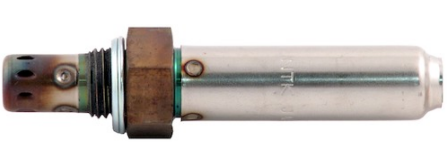
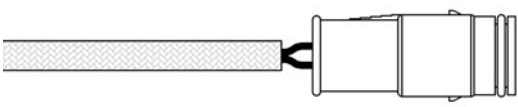

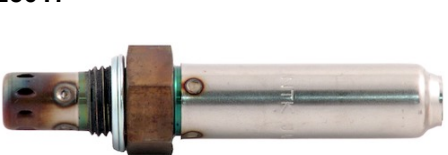

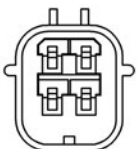





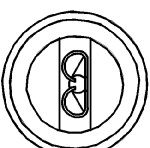
| | | |
|---|--|--|
| <p>24841 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.5 inches (800mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24842 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 43.25 inches (1100mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24843 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (525mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24844 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24845 OE Type Heated AFR Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24846 OE Type Heated AFR Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24847 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 37.5 inches (950mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24848 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |



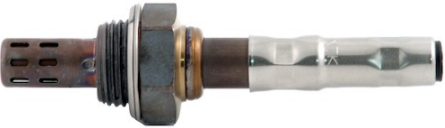
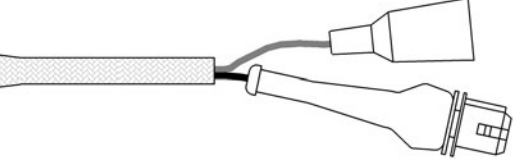

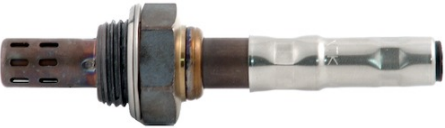
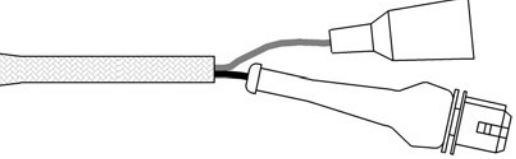


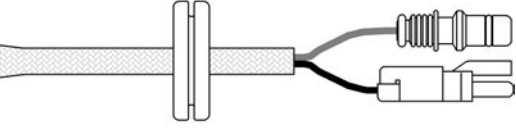


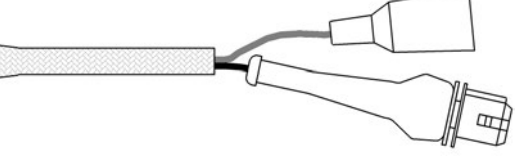


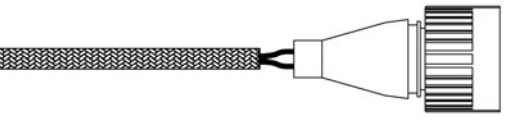



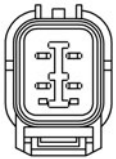

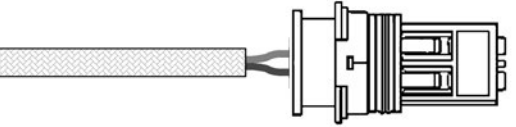

| | | |
|--|--|--|
| <p>24849 OE Type Heated AFR Sensor</p>  | <p>L Length: 7 inches (175mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24850 OE Type Heated AFR Sensor</p>  | <p>L Length: 10.75 inches (275mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24851 OE Type Heated AFR Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24852 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24853 OE Type Heated AFR Sensor</p>  | <p>L Length: 18.25 inches (465mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>24854 OE Type Heated AFR Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25000 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 13 inches (330mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25002 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 67 inches (1700mm)</p>  | <p>3 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

| | | |
|---|--|--|
| <p>25003 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 75 inches (1905mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25005 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 20.75 inches (530mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25010 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 9.5 inches (240mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25013 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 39 inches (990mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25016 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 20.5 inches (520mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25017 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 20.5 inches (520mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25018 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 28.75 inches (730mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25031 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 36 inches (915mm)</p>  | <p>1 Lead Terminated</p>  |



| | | |
|--|---|--|
| <p>25034 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 38.5 inches (975mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25036 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.25 inches (490mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25038 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.5 inches (320mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25040 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 47.75 inches (1215mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25041 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20 inches (510mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25044 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 20.5 inches (520mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25045 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 16.25 inches (410mm)</p>  | <p>4 Lead Terminated</p>  |



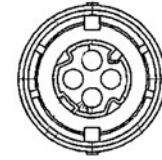
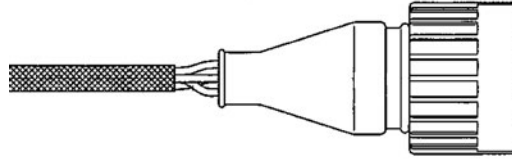
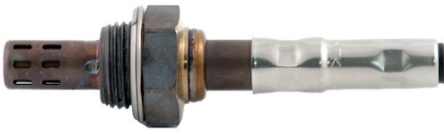
ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

25046

OE Type Heated ZrO2 Sensor

L Length: 28.75 inches (730mm)

4 Lead Terminated

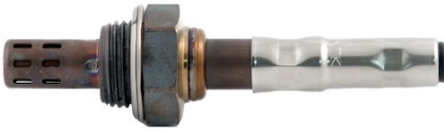


25053

OE Type Heated ZrO2 Sensor

L Length: 30.25 inches (770mm)

4 Lead Terminated

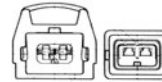
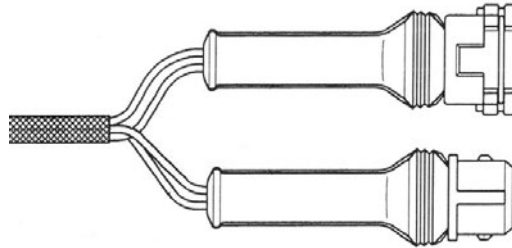
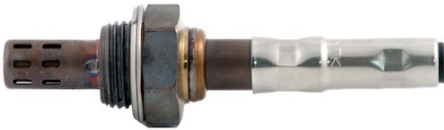


25059

OE Type Heated ZrO2 Sensor

L Length: 44.5 inches (1130mm)

4 Lead Terminated

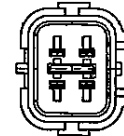


25069

OE Type Heated ZrO2 Sensor

L Length: 17 inches (430mm)

4 Lead Terminated

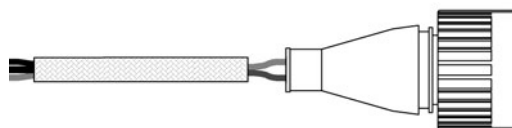


25078

OE Type Heated TiO2 Sensor

L Length: 16.5 inches (420mm)

4 Lead Terminated

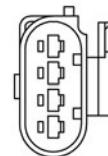


25079

OE Type Heated ZrO2 Sensor

L Length: 23.25 inches (591mm)

4 Lead Terminated

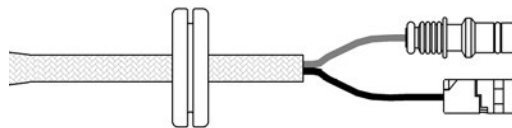
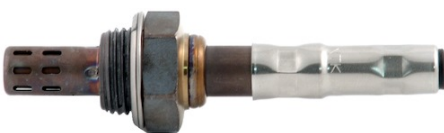


25081



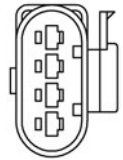

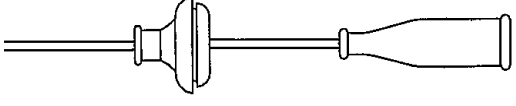

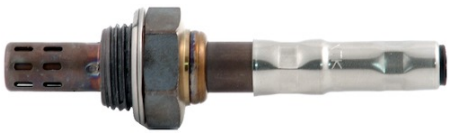
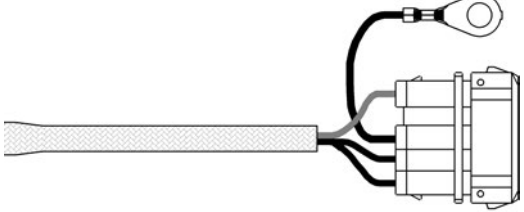
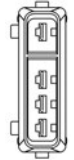
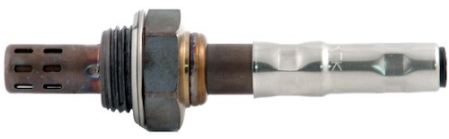
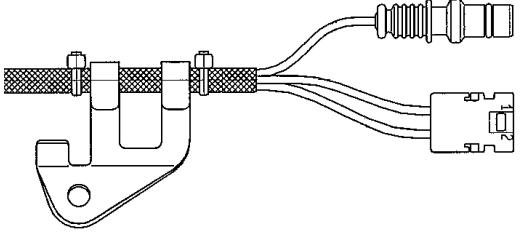
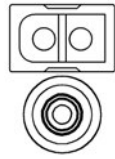
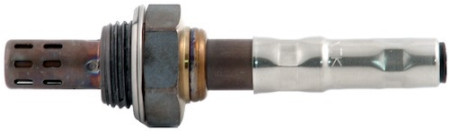
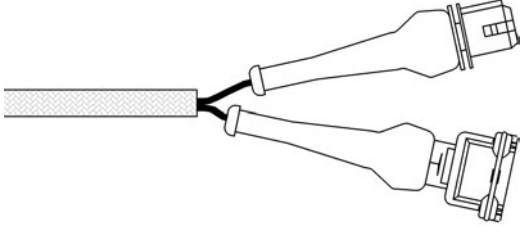
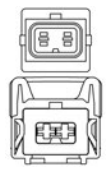

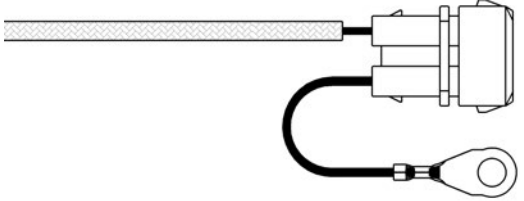
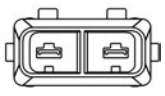
OE Type Heated ZrO2 Sensor

L Length: 30 inches (760mm)

3 Lead Terminated



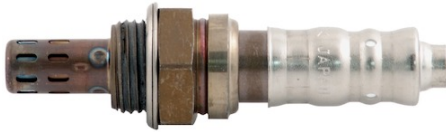


| | | |
|--|--|--|
| <p>25083 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 28.5 inches (721mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25088 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 30.25 inches (767mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>25103 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23 inches (583mm)</p>  | <p>3 (w/Grd Strap) Lead Terminated</p>  |
| <p>25129 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20 inches (510mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25137 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36 inches (915mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25139 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 19 inches (480mm)</p>  | <p>1 (w/Grd Strap) Lead Terminated</p>  |

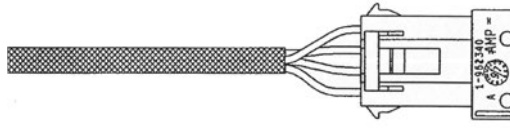


ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

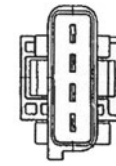
25146 OE Type Heated ZrO2 Sensor



L Length: 16.75 inches (425mm)



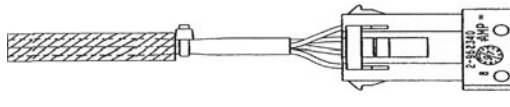
4 Lead Terminated



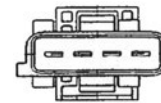
25147 OE Type Heated ZrO2 Sensor



L Length: 28.5 inches (725mm)



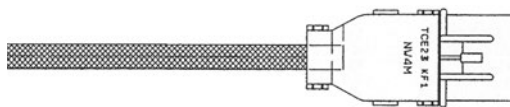
4 Lead Terminated



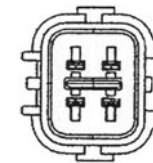
25150 OE Type Heated ZrO2 Sensor



L Length: 22.25 inches (568mm)



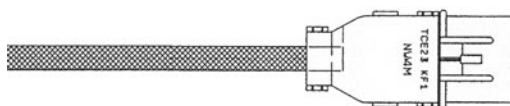
4 Lead Terminated



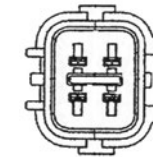
25151 OE Type Heated ZrO2 Sensor



L Length: 12.5 inches (318mm)



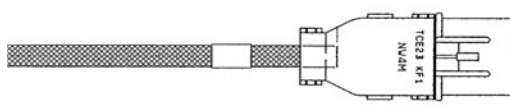
4 Lead Terminated



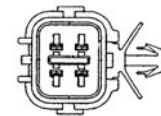
25152 OE Type Heated ZrO2 Sensor



L Length: 23.5 inches (598mm)



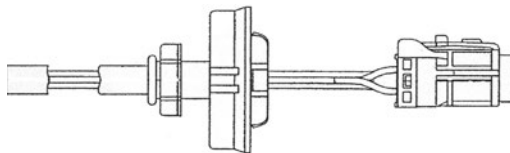
4 Lead Terminated



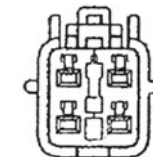
25153 OE Type Heated ZrO2 Sensor



L Length: 12.5 inches (320mm)



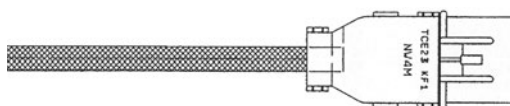
4 Lead Terminated



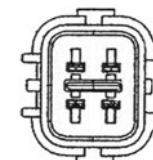
25154 OE Type Heated ZrO2 Sensor



L Length: 22 inches (558mm)



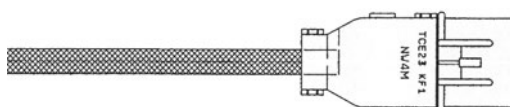
4 Lead Terminated



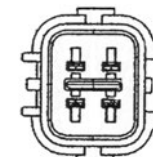
25155 OE Type Heated ZrO2 Sensor



L Length: 17.75 inches (448mm)



4 Lead Terminated



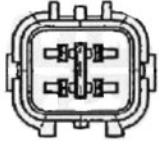


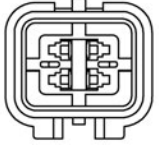


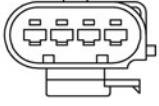


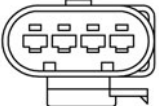
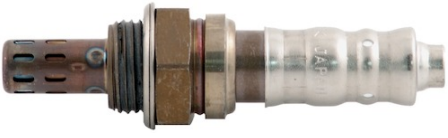

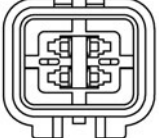


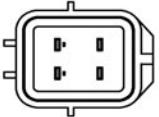


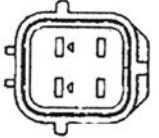


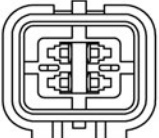






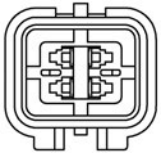


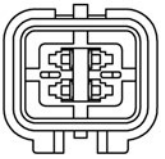
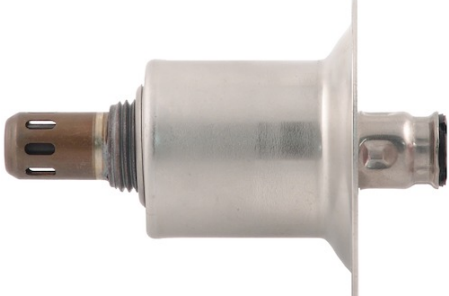
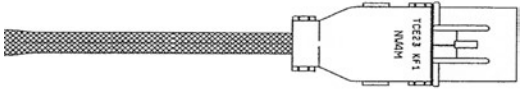
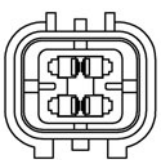
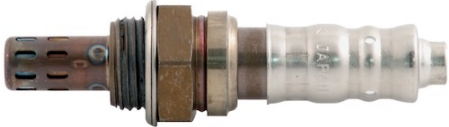
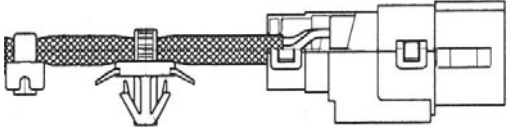
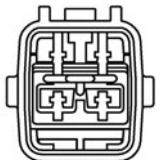
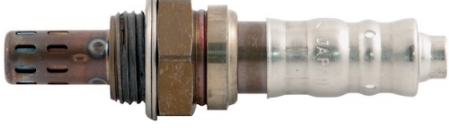

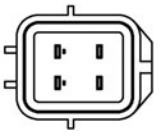



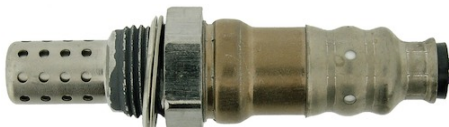

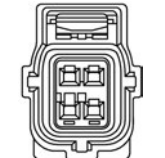
| | | |
|--|---------------------------------------|--------------------------|
| <p>25156 OE Type Heated ZrO2 Sensor</p> | <p>L Length: 9.25 inches (233mm)</p> | <p>4 Lead Terminated</p> |
| <p>25157 OE Type Heated ZrO2 Sensor</p> | <p>L Length: 17 inches (433mm)</p> | <p>4 Lead Terminated</p> |
| <p>25158 OE Type Heated ZrO2 Sensor</p> | <p>L Length: 16.75 inches (428mm)</p> | <p>4 Lead Terminated</p> |
| <p>25160 OE Type Heated ZrO2 Sensor</p> | <p>L Length: 24.75 inches (630mm)</p> | <p>4 Lead Terminated</p> |
| <p>25162 OE Type Heated ZrO2 Sensor</p> | <p>L Length: 28.25 inches (718mm)</p> | <p>4 Lead Terminated</p> |
| <p>25163 OE Type Heated TiO2 Sensor</p> | <p>L Length: 26 inches (660mm)</p> | <p>4 Lead Terminated</p> |
| <p>25166 OE Type Heated TiO2 Sensor</p> | <p>L Length: 24.75 inches (630mm)</p> | <p>4 Lead Terminated</p> |
| <p>25167 OE Type Heated TiO2 Sensor</p> | <p>L Length: 24.75 inches (630mm)</p> | <p>4 Lead Terminated</p> |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

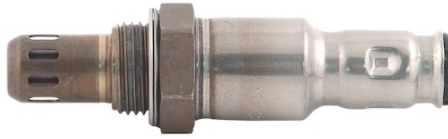
| | | |
|---|--|--|
| <p>25169 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 16 inches (405mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25170 OE Type Heated TiO2 Sensor</p>  | <p>L Length: 18 inches (460mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25173 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 38.25 inches (971mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25174 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 38.25 inches (971mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25175 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 28.5 inches (723mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25176 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.25 inches (233mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25177 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12 inches (303mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25178 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.75 inches (630mm)</p>  | <p>4 Lead Terminated</p>  |



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| <p>25180 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13 inches (330mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25181 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (460mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25182 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29 inches (738mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25183 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.25 inches (463mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25184 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.5 inches (320mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25185 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 8.75 inches (220mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25186 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |



25187 OE Type Heated ZrO2 Sensor



L Length: 18.5 inches (470mm)



4 Lead Terminated



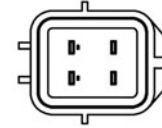
25188 OE Type Heated ZrO2 Sensor



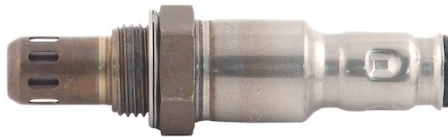
L Length: 27.5 inches (700mm)



4 Lead Terminated



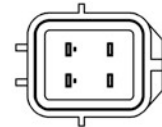
25189 OE Type Heated ZrO2 Sensor



L Length: 15.75 inches (400mm)



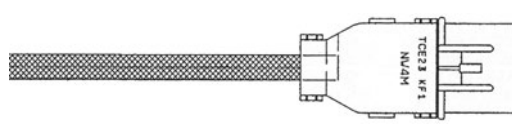
4 Lead Terminated



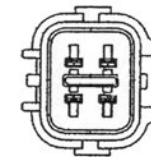
25190 OE Type Heated ZrO2 Sensor



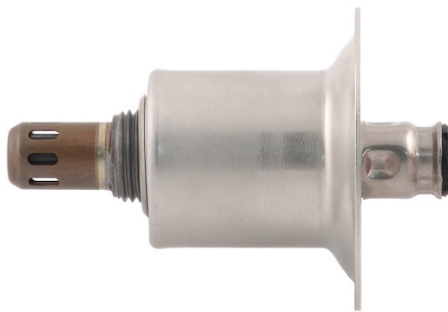
L Length: 12 inches (305mm)



4 Lead Terminated



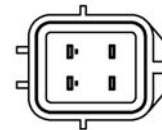
25191 OE Type Heated ZrO2 Sensor



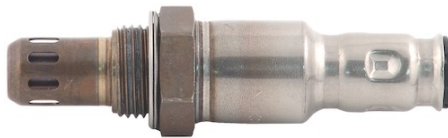
L Length: 15.75 inches (400mm)



4 Lead Terminated



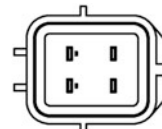
25192 OE Type Heated ZrO2 Sensor



L Length: 14.25 inches (360mm)



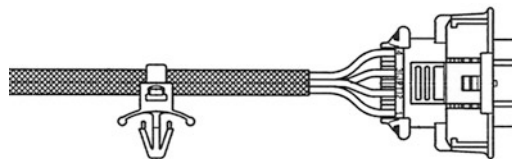
4 Lead Terminated



25193 OE Type Heated ZrO2 Sensor




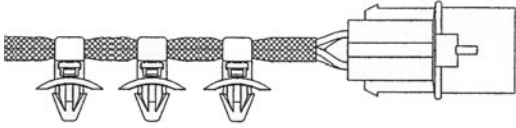
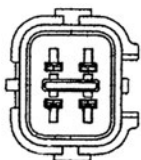
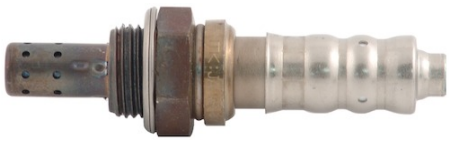
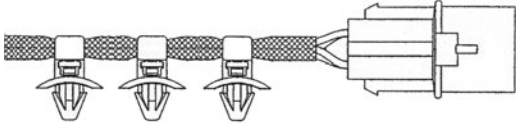
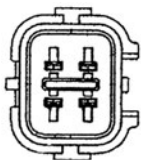
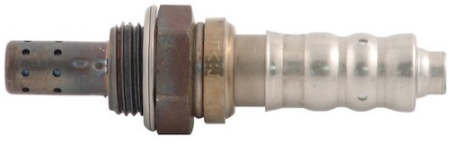
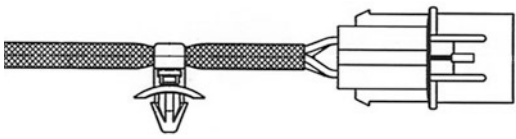
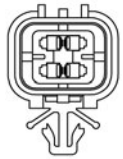

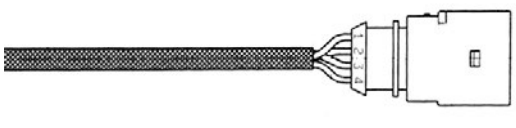
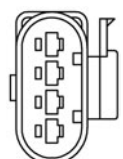
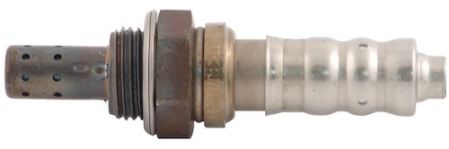
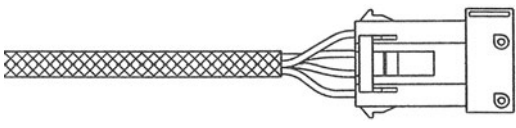
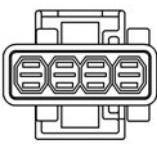

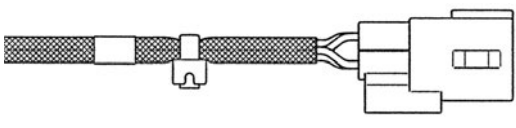
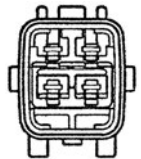
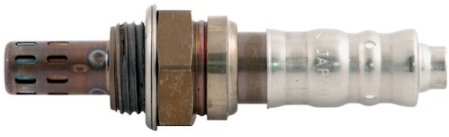
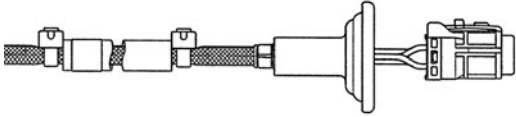
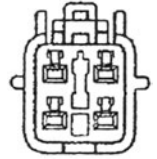
L Length: 18.5 inches (471mm)



4 Lead Terminated

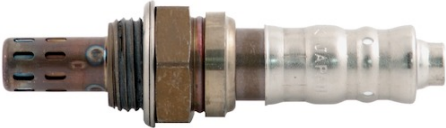

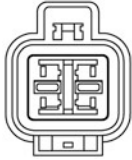

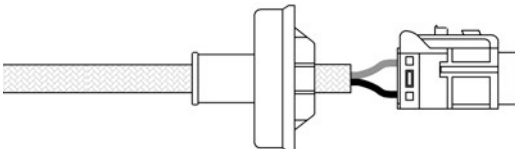
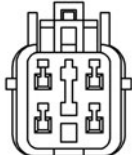


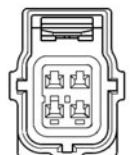

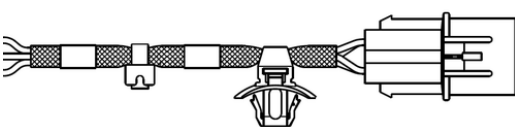
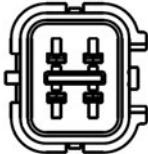
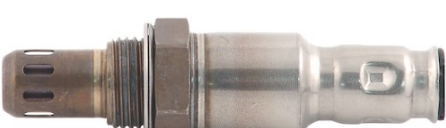

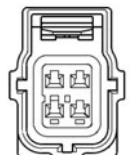
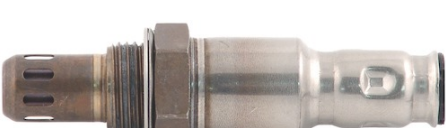

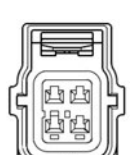

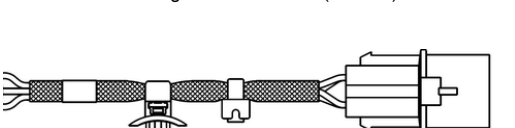
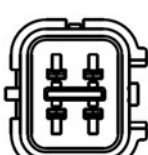


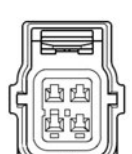




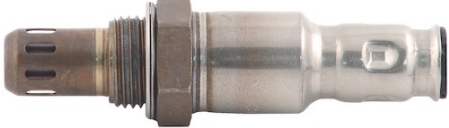
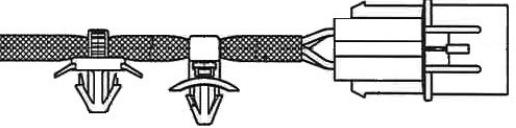


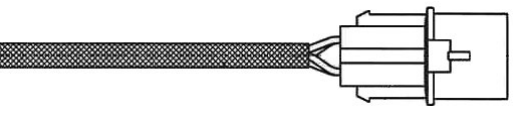
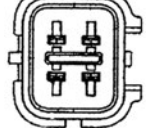
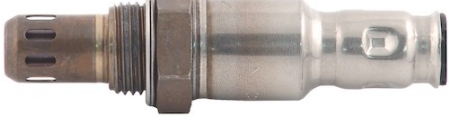
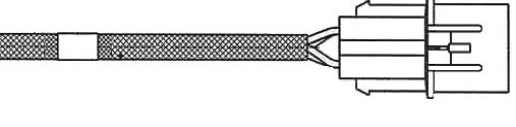
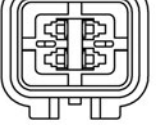

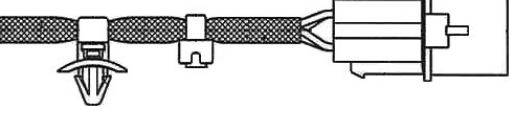
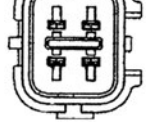

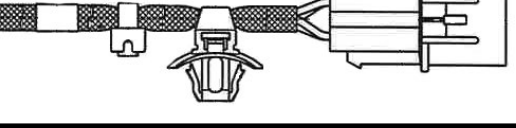
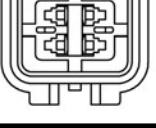


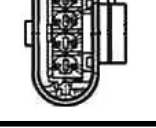

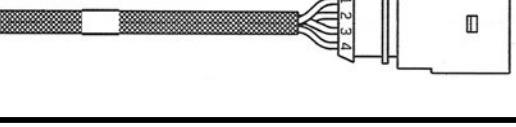
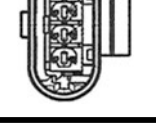



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| <p>25194 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25195 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 8.5 inches (215mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25196 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25197 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (501mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25198 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.5 inches (446mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25199 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.25 inches (588mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25200 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22 inches (560mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

| | | |
|---|--|--|
| <p>25201 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.5 inches (518mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25202 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.25 inches (440mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25203 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (381mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25204 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.25 inches (745mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25205 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.25 inches (461mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25206 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.5 inches (701mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25207 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.75 inches (475mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25208 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.5 inches (901mm)</p>  | <p>4 Lead Terminated</p>  |



| | | |
|--|---|--|
| <p>25210 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19 inches (483mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25211 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.5 inches (320mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25212 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11 inches (280mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25213 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.25 inches (415mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25214 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.5 inches (620mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25215 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 44.25 inches (1126mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25216 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.75 inches (681mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25217 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |

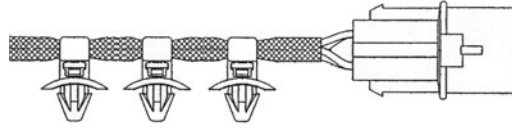


ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

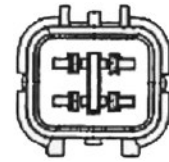
25218 OE Type Heated ZrO2 Sensor



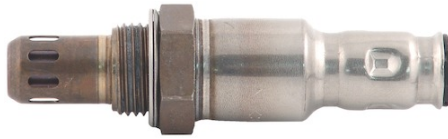
L Length: 27.5 inches (700mm)



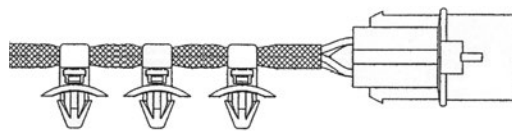
4 Lead Terminated



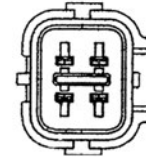
25219 OE Type Heated ZrO2 Sensor



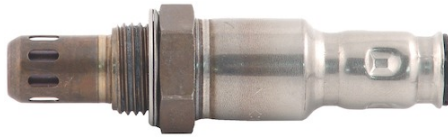
L Length: 12.25 inches (310mm)



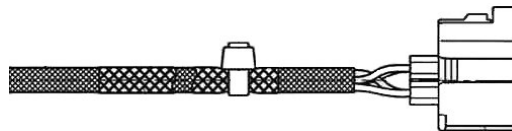
4 Lead Terminated



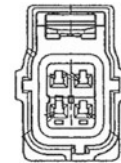
25220 OE Type Heated ZrO2 Sensor



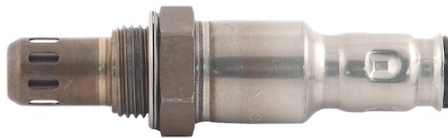
L Length: 11.75 inches (301mm)



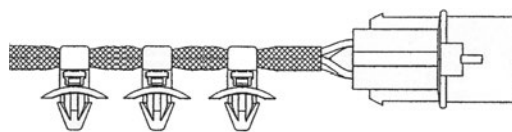
4 Lead Terminated



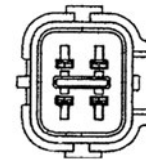
25221 OE Type Heated ZrO2 Sensor



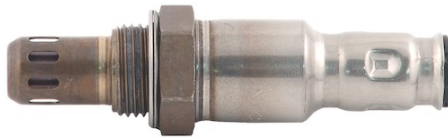
L Length: 22.75 inches (580mm)



4 Lead Terminated



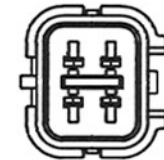
25222 OE Type Heated ZrO2 Sensor



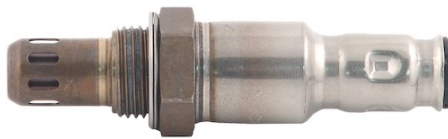
L Length: 13.5 inches (345mm)



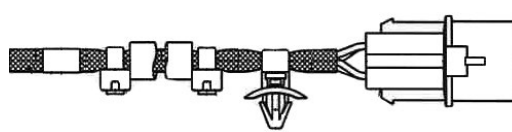
4 Lead Terminated



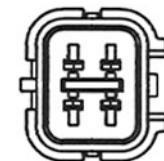
25223 OE Type Heated ZrO2 Sensor



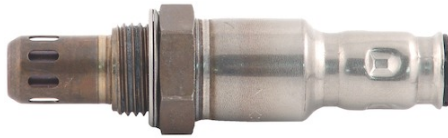
L Length: 17.25 inches (440mm)



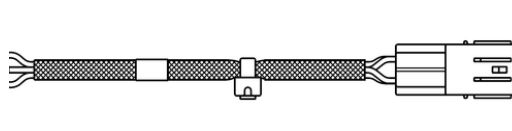
4 Lead Terminated



25224 OE Type Heated ZrO2 Sensor



L Length: 17 inches (430mm)



4 Lead Terminated



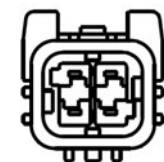
25225 OE Type Heated ZrO2 Sensor



L Length: 23 inches (585mm)



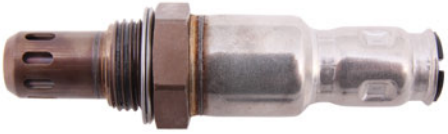

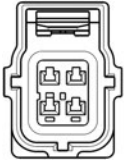


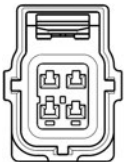


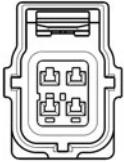

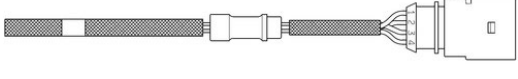
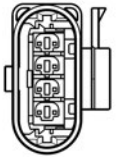


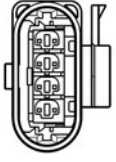


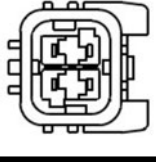

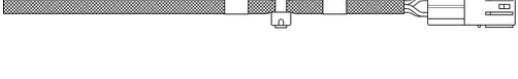
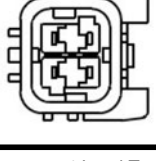

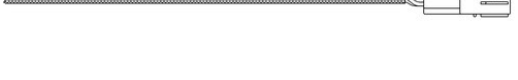
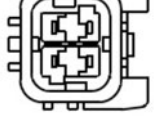
4 Lead Terminated





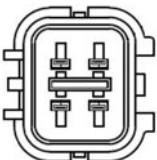
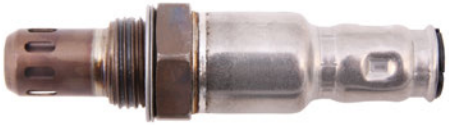

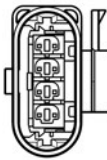
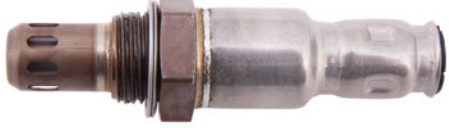

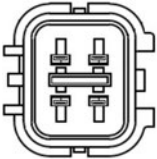

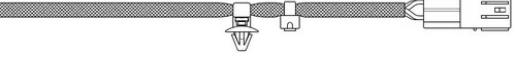
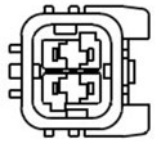


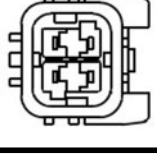





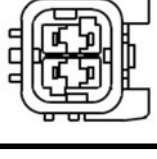

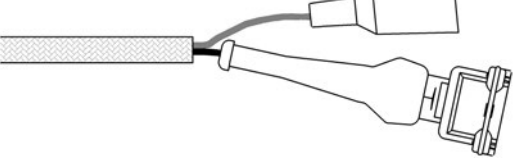



| | | |
|--|---|--|
| <p>25226 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.75 inches (250mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25227 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9 inches (231mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25228 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (426mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25229 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.25 inches (541mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25230 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25231 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (501mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25232 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.5 inches (901mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25233 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 42.75 inches (1086mm)</p>  | <p>4 Lead Terminated</p>  |


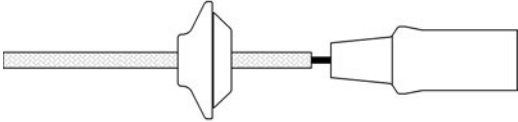
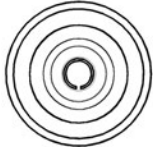





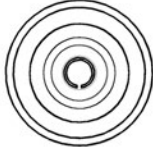
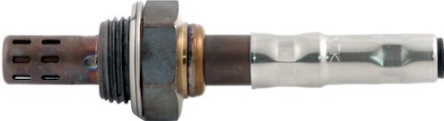

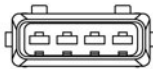

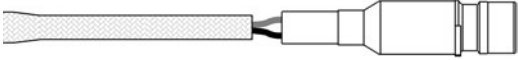


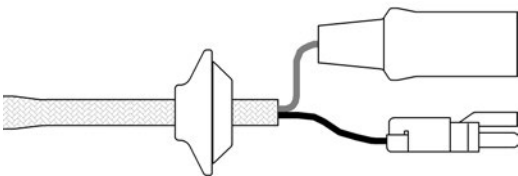


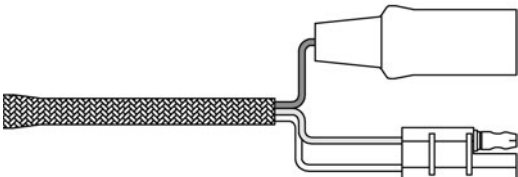


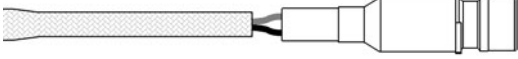



| | | |
|---|---|--|
| <p>25234 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (351mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25235 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (351mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25236 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15 inches (381mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25237 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 37.75 inches (956mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25238 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17 inches (431mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25239 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.75 inches (250mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25240 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24 inches (610mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25241 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13 inches (330mm)</p>  | <p>4 Lead Terminated</p>  |


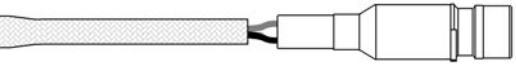


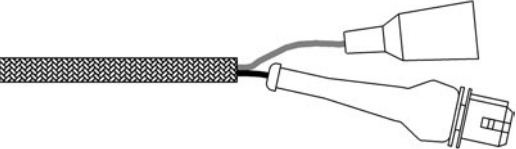


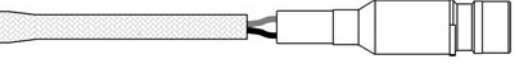


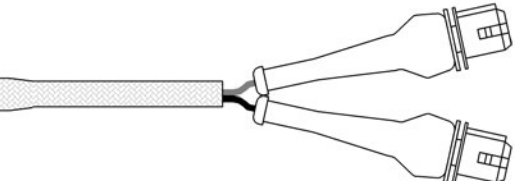
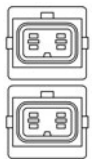

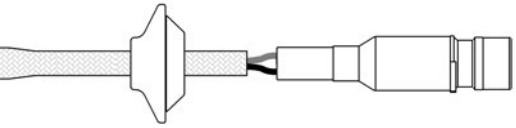


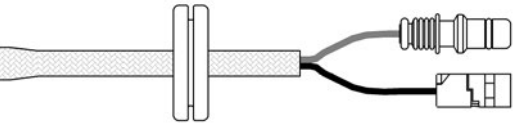

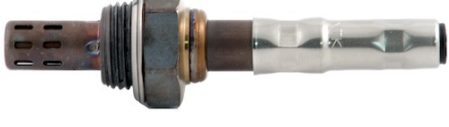

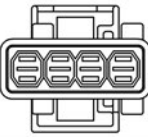

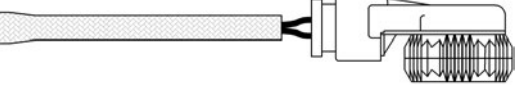
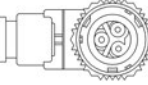


| | | |
|--|--|--|
| <p>25242 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25244 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.25 inches (286mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25245 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 30 inches (765mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25246 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.5 inches (315mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25247 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10 inches (255mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25248 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (301mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25249 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.25 inches (260mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25499 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 34.75 inches (885mm)</p>  | <p>3 Lead Terminated</p>  |



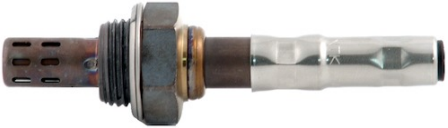

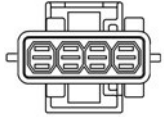
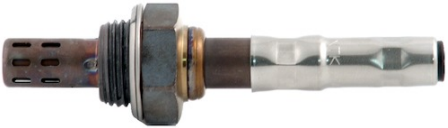

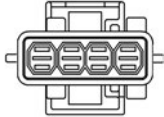
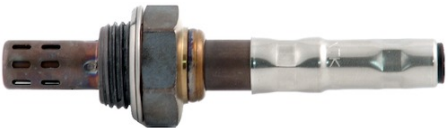

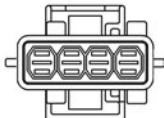




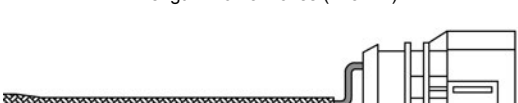

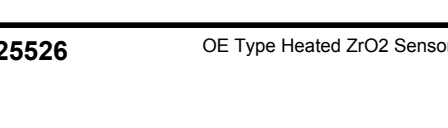
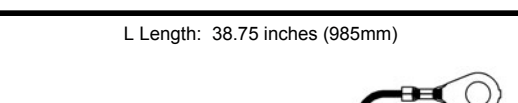
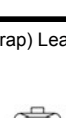

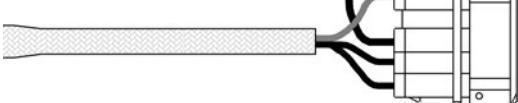
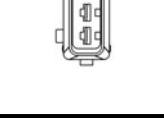

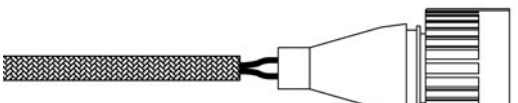

| | | |
|---|--|--|
| <p>25500 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 20 inches (510mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>25501 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 19 inches (480mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>25503 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 34 inches (865mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>25504 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.75 inches (605mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25505 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.25 inches (540mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25506 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25507 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36.5 inches (925mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25509 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36.75 inches (935mm)</p>  | <p>3 Lead Terminated</p>  |



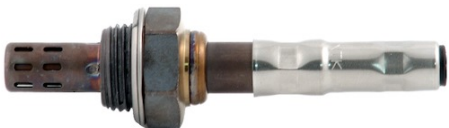
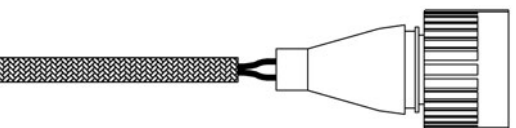


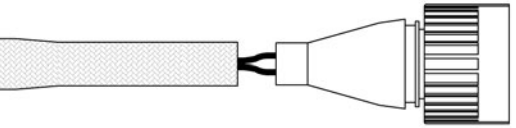


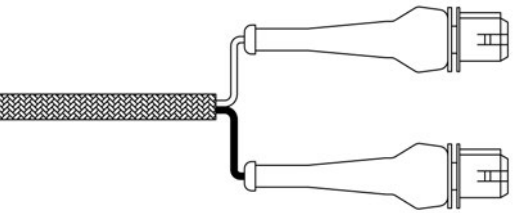
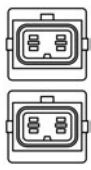

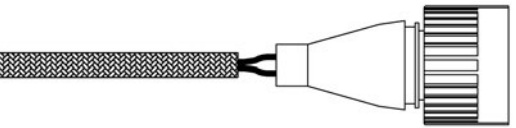


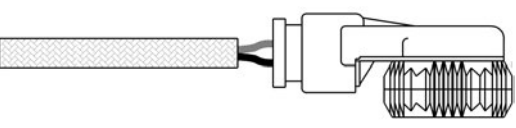
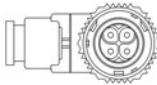

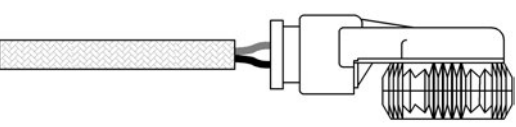
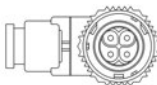

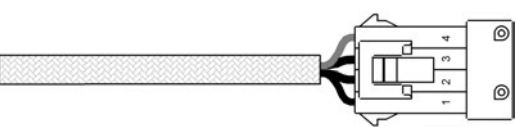
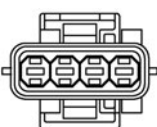


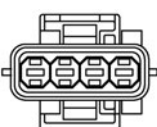
| | | |
|--|---|--|
| <p>25510 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 28.75 inches (730mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25511 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 65.75 inches (1670mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25512 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 69.25 inches (1760mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25515 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.25 inches (515mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25516 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 28.75 inches (730mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25517 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.25 inches (360mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25518 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 73.75 inches (1875mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25520 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>3 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor





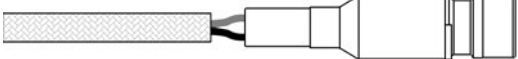









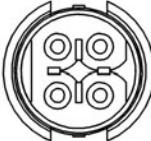


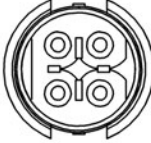

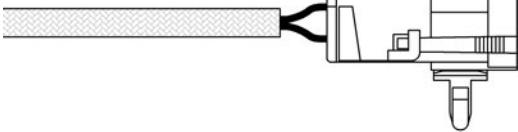
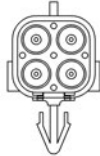

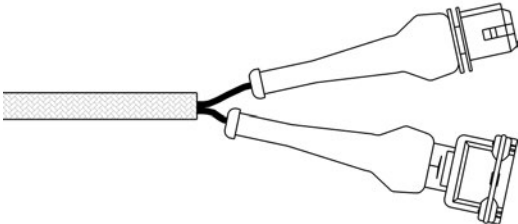
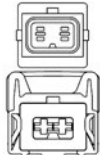
| | | |
|---|---|--|
| <p>25521 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19 inches (480mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25522 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.75 inches (910mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25523 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 49.75 inches (1265mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25524 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.5 inches (800mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25525 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25526 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 38.75 inches (985mm)</p>  | <p>3 (w/Grd Strap) Lead Terminated</p>  |
| <p>25527 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 56 inches (1425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25528 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 61.75 inches (1570mm)</p>  | <p>4 Lead Terminated</p>  |




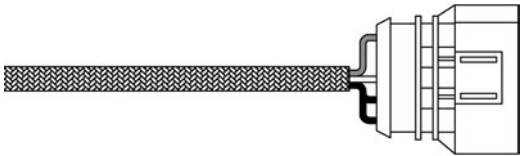
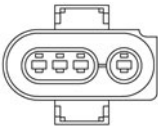

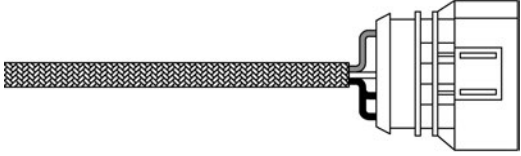
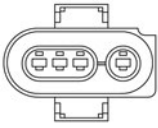

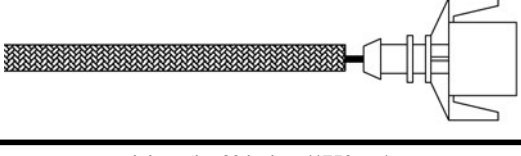
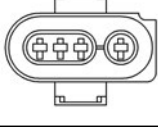
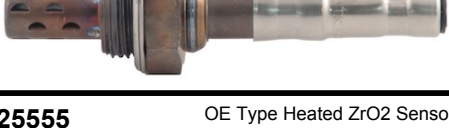
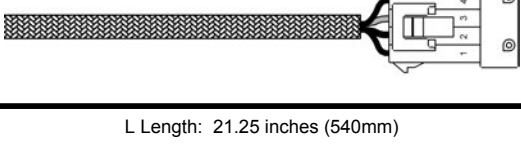
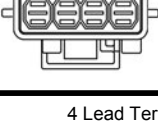
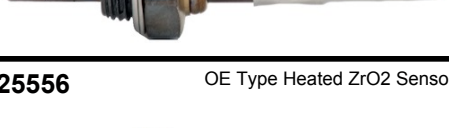
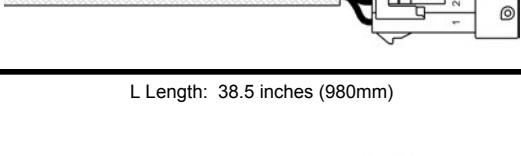
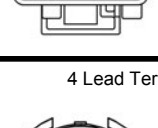
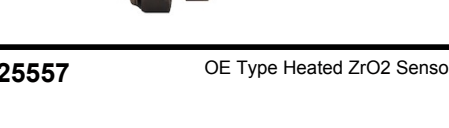
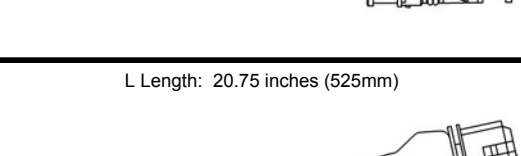
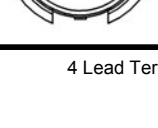

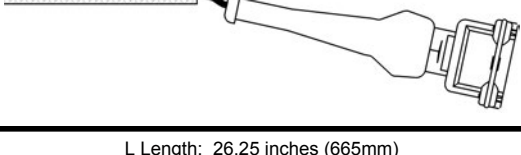
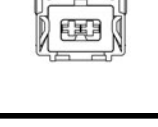


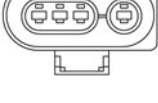
| | | |
|--|---|--|
| <p>25529 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.75 inches (630mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25530 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 32.5 inches (825mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25531 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 48.25 inches (1225mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25533 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20 inches (505mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25534 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25536 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.25 inches (640mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25537 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 39.75 inches (1010mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25538 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 80.75 inches (2050mm)</p>  | <p>4 Lead Terminated</p>  |













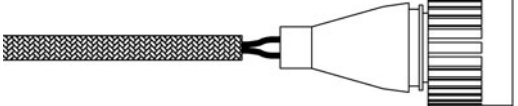



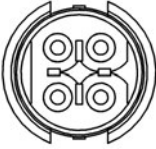
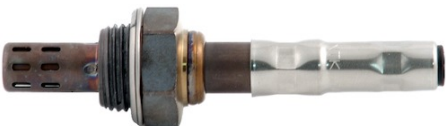



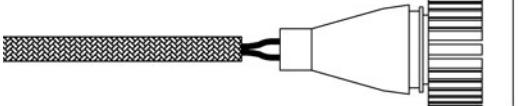




ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

| | | |
|---|---|--|
| <p>25539 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.5 inches (625mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25540 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.5 inches (520mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25541 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 33.5 inches (850mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25542 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (555mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25545 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.5 inches (620mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25546 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 32.25 inches (820mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25547 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25548 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 66.75 inches (1695mm)</p>  | <p>4 Lead Terminated</p>  |



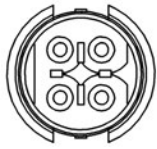


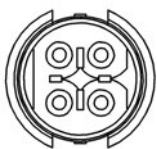


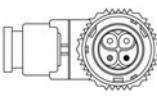

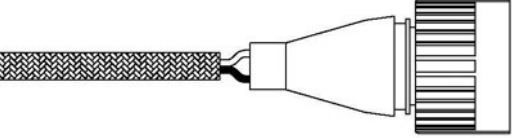






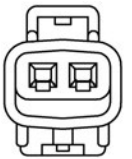


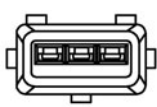
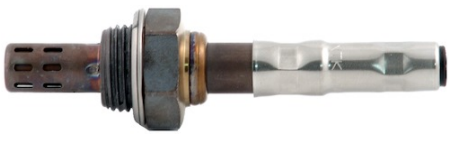
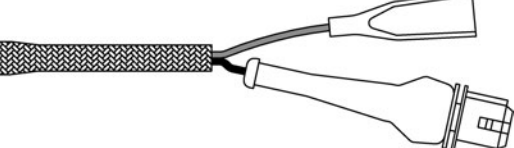
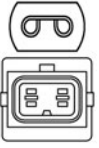


| | | |
|--|--|--|
| <p>25549 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 45 inches (1140mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25550 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.25 inches (740mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25552 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 68 inches (1725mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25554 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 69 inches (1750mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25555 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.25 inches (540mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25556 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 38.5 inches (980mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25557 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (525mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25558 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.25 inches (665mm)</p>  | <p>4 Lead Terminated</p>  |





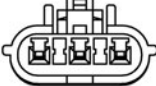


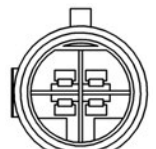


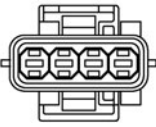


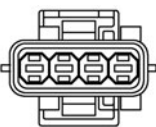


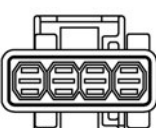


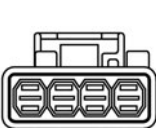




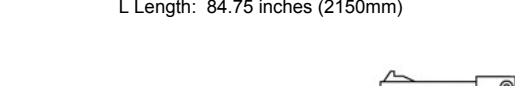
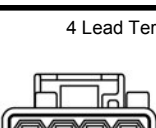
| | | |
|---|--|--|
| <p>25559 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.25 inches (615mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25560 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.25 inches (360mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25561 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22.75 inches (575mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25562 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 58.75 inches (1495mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25563 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25564 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.75 inches (630mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25565 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13 inches (330mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25567 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |









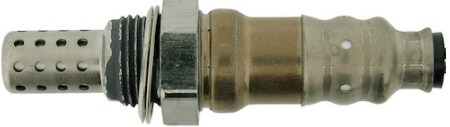

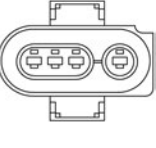


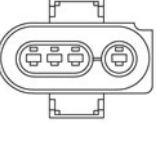


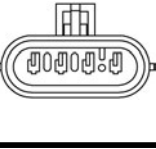


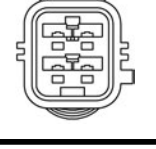
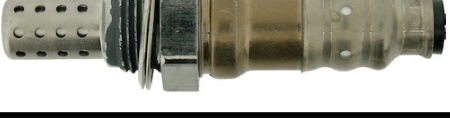
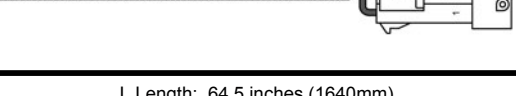
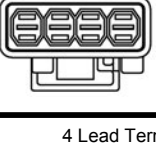

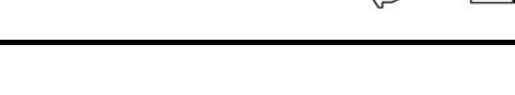

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|--|--|--|
| <p>25568 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19 inches (480mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25569 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25570 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.5 inches (445mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25571 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36.75 inches (935mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25572 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (270mm)</p>  | <p>1 Lead Terminated</p>  |
| <p>25573 OE Type Unheated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>2 Lead Terminated</p>  |
| <p>25574 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 38.75 inches (985mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25576 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.75 inches (680mm)</p>  | <p>3 Lead Terminated</p>  |









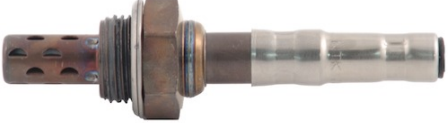




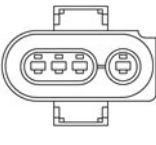


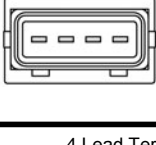
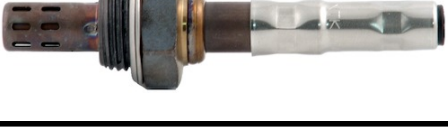




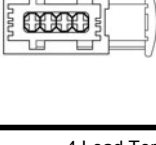


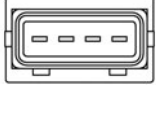
ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

| | | |
|---|---|--|
| <p>25577 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.25 inches (260mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25578 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25579 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20 inches (505mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25580 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35 inches (890mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25581 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.25 inches (740mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25582 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 43.25 inches (1100mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25583 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 45.75 inches (1165mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25585 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 84.75 inches (2150mm)</p>  | <p>4 Lead Terminated</p>  |

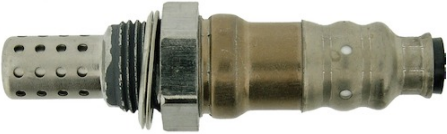
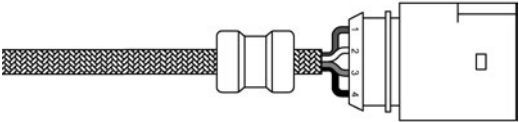
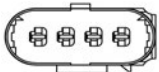

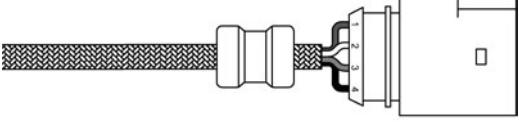



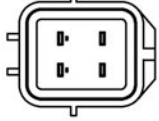











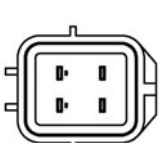





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| <p>25586 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.25 inches (740mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25587 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 39 inches (990mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25588 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25589 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.5 inches (620mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25590 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 33 inches (840mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25591 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 32 inches (810mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25592 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 30.25 inches (770mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25593 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 64.5 inches (1640mm)</p>  | <p>4 Lead Terminated</p>  |


















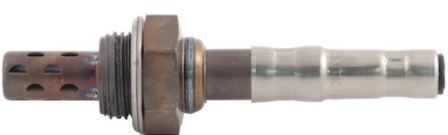




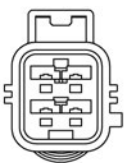


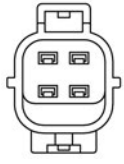
| | | |
|---|--|--|
| <p>25594 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26 inches (660mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25595 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (460mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25596 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25597 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 66.5 inches (1690mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25598 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35 inches (890mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25599 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24 inches (610mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25601 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.25 inches (260mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25603 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 38.25 inches (970mm)</p>  | <p>4 Lead Terminated</p>  |




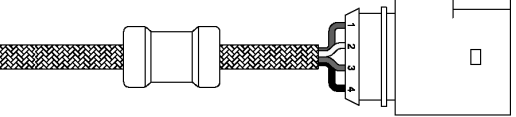
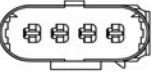

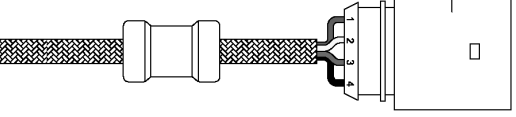

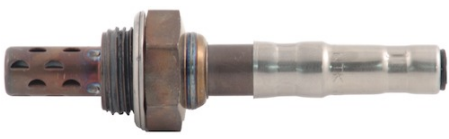


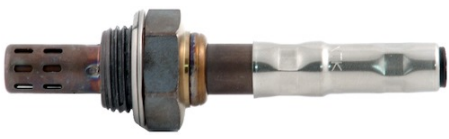

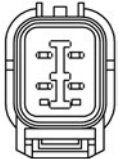
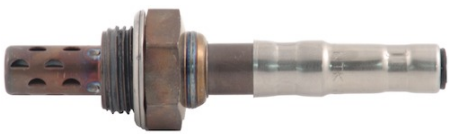
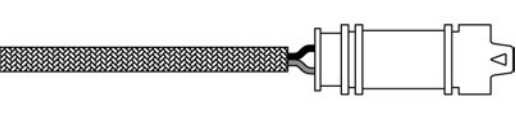
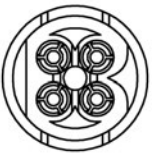
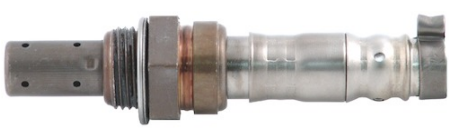
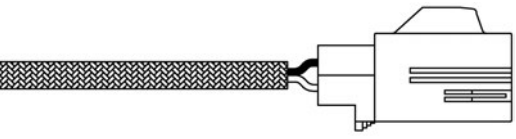

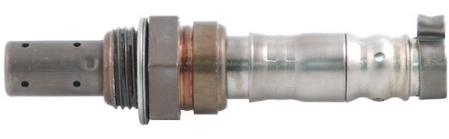
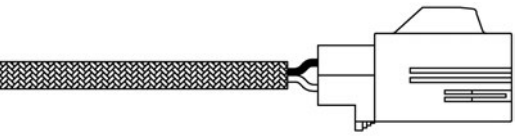
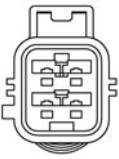
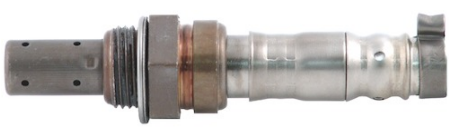


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|--|--|--|
| <p>25604 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.5 inches (700mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25605 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 37 inches (940mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25606 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 8.75 inches (220mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25607 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25608 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.5 inches (900mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25609 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 32.25 inches (820mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25610 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25611 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 23.25 inches (590mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor



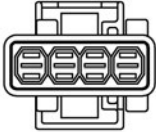


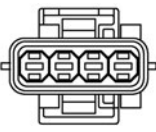

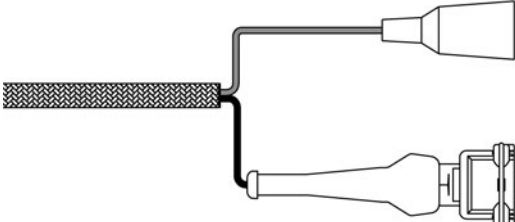

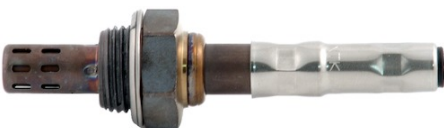

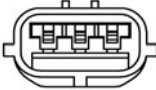


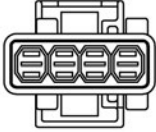


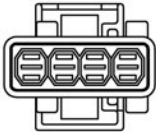
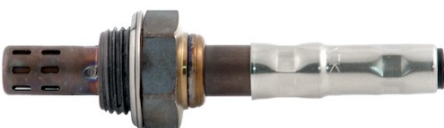



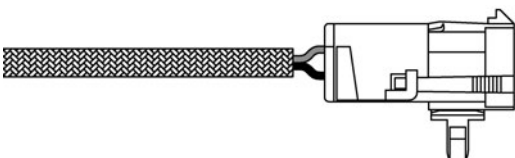

| | | |
|---|--|--|
| <p>25612 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25613 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25614 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.5 inches (750mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25616 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.5 inches (900mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25617 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.5 inches (470mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25618 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 44 inches (1120mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25619 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 34.5 inches (875mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25620 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |





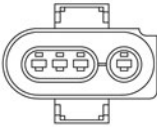

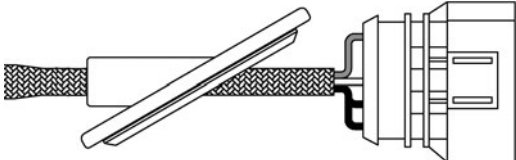
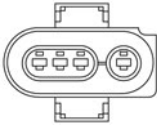
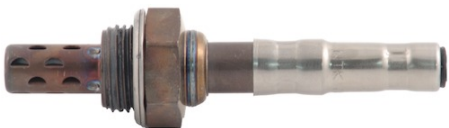
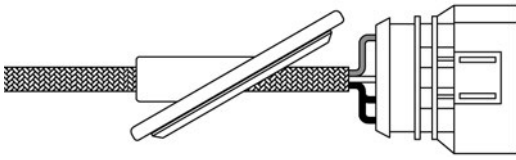
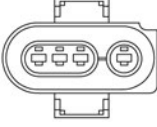

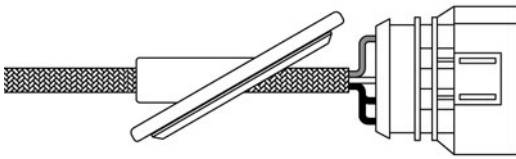
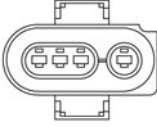

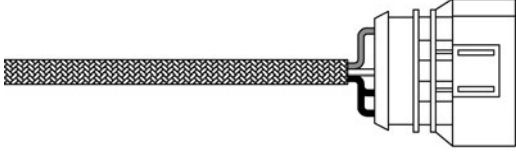
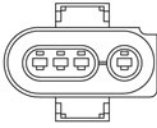

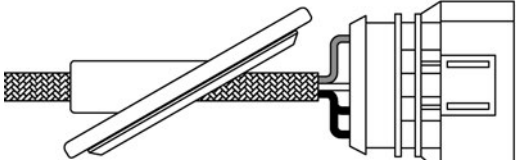
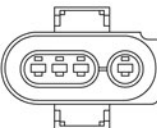

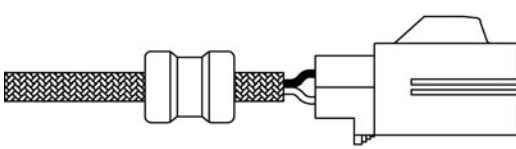
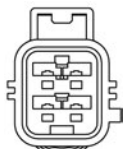
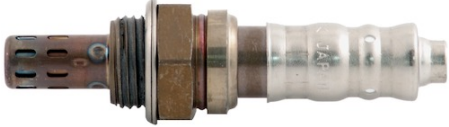
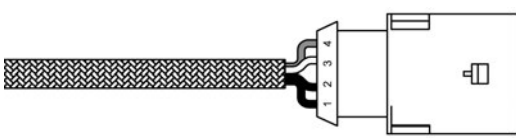
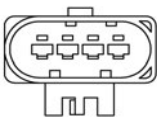
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|--|--|--|
| <p>25621 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 59 inches (1500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25622 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.75 inches (905mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25623 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.5 inches (470mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25624 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22.75 inches (580mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25627 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25629 OE Type Heated AFR Sensor</p>  | <p>L Length: 24.75 inches (630mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25630 OE Type Heated AFR Sensor</p>  | <p>L Length: 20.5 inches (520mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25631 OE Type Heated AFR Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor


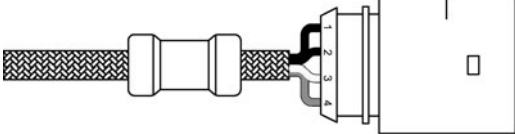
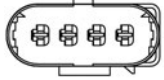
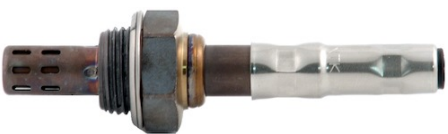
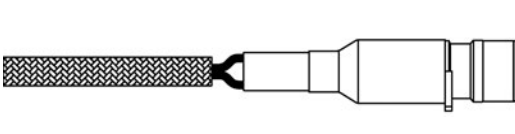

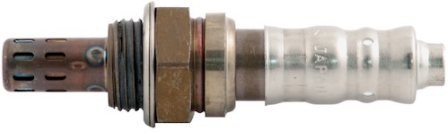
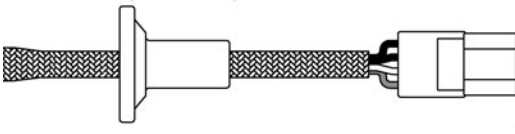
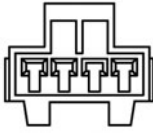








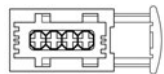

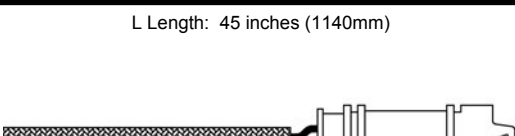
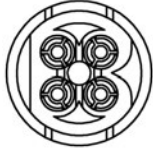
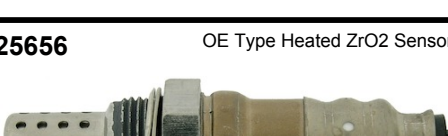
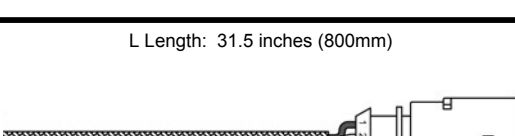
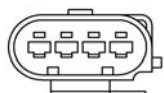
| | | |
|---|---|--|
| <p>25632 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 42.75 inches (1085mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25633 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19 inches (480mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25634 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 66.75 inches (1695mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25635 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25636 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 58.75 inches (1495mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25637 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 72.5 inches (1840mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25638 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 32.75 inches (830mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25639 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 34.75 inches (885mm)</p>  | <p>4 Lead Terminated</p>  |




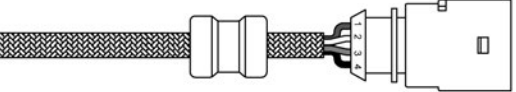
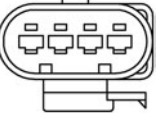




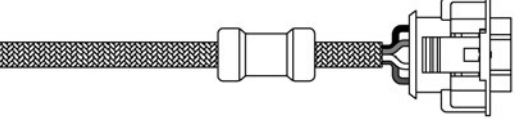



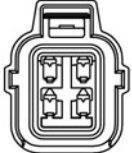





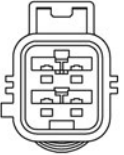

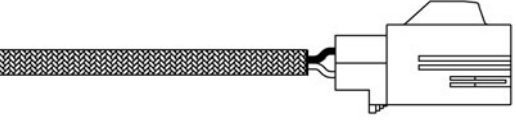
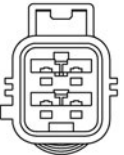


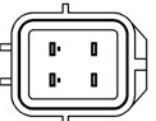
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|--|---|--|
| <p>25640 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 34.75 inches (885mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25641 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 34.25 inches (870mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25642 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 48.5 inches (1230mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25643 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 33.75 inches (860mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25644 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 56.75 inches (1440mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25645 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 63.75 inches (1620mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25646 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.75 inches (475mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25648 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.5 inches (620mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor


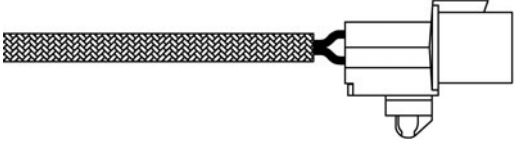
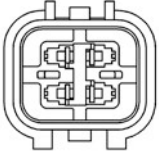

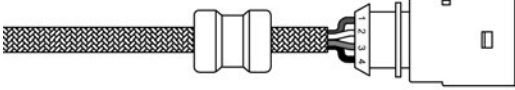
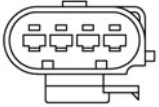


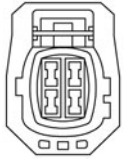


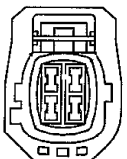
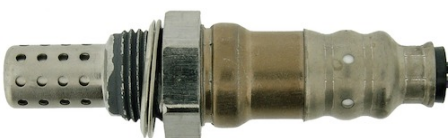


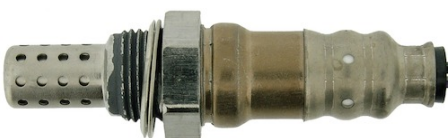




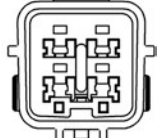



| | | |
|---|--|--|
| <p>25649 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.25 inches (465mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25650 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 28.75 inches (730mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25651 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.25 inches (440mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25652 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25653 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22.75 inches (580mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25654 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (270mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25655 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 45 inches (1140mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25656 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.5 inches (800mm)</p>  | <p>4 Lead Terminated</p>  |



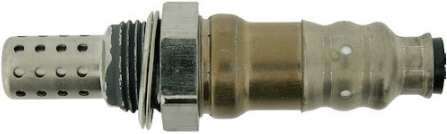

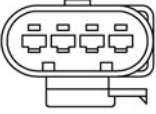
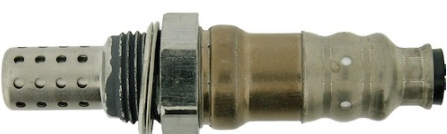





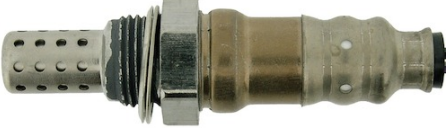






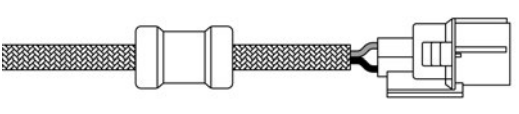


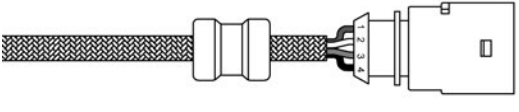
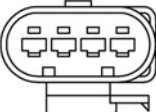


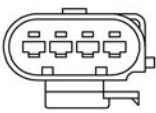
| | | |
|--|---|--|
| <p>25657 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.5 inches (800mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25658 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 39.25 inches (1000mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25659 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 30.5 inches (775mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25660 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (530mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25661 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 74.75 inches (1900mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25662 OE Type Heated AFR Sensor</p>  | <p>L Length: 30.5 inches (775mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25663 OE Type Heated AFR Sensor</p>  | <p>L Length: 18.75 inches (475mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25666 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |



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TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor



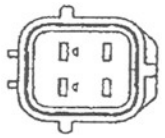


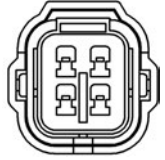


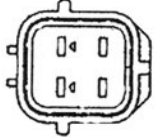

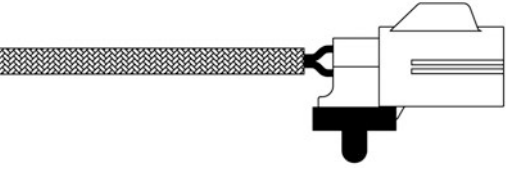



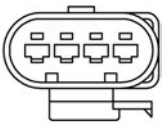
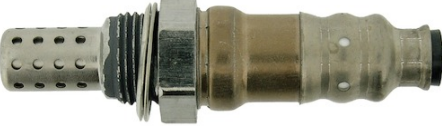

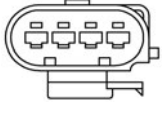

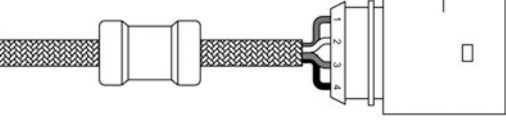
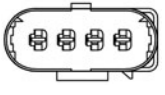

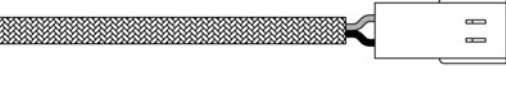
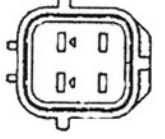
| | | |
|---|--|--|
| <p>25667 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22.75 inches (580mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25668 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.5 inches (470mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25669 OE Type Heated AFR Sensor</p>  | <p>L Length: 18 inches (460mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25670 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 32.25 inches (820mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25671 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13 inches (330mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25672 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.5 inches (750mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25673 OE Type Heated AFR Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25674 OE Type Heated AFR Sensor</p>  | <p>L Length: 24.5 inches (625mm)</p>  | <p>4 Lead Terminated</p>  |





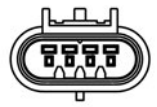

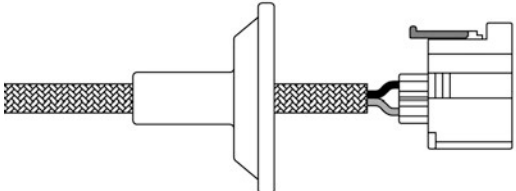
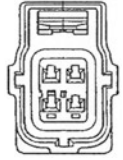

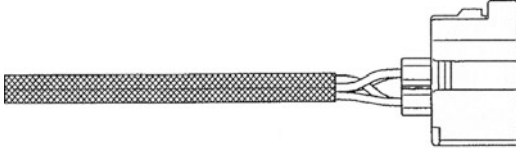
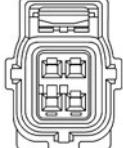

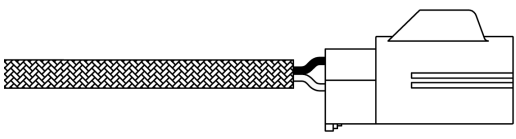


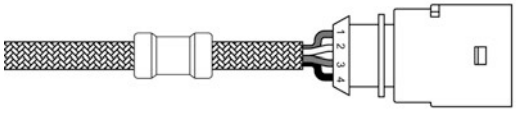
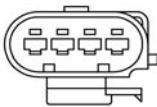
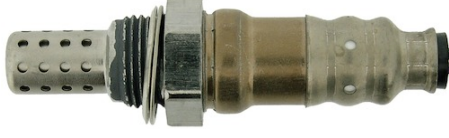


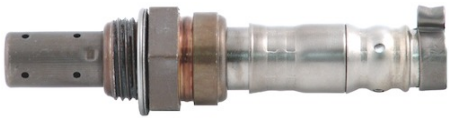

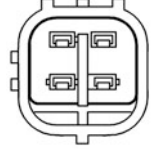



| | | |
|--|--|--|
| <p>25675 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (525mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25676 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25677 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 10.75 inches (275mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25678 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.75 inches (475mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25679 OE Type Heated AFR Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25680 OE Type Heated AFR Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25681 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36.5 inches (925mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25682 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 33.5 inches (850mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB 02 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor


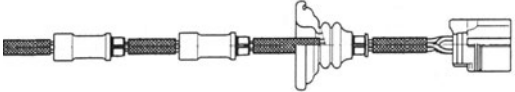
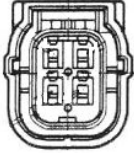

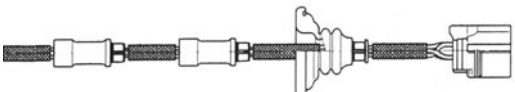
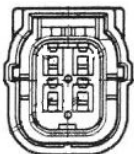


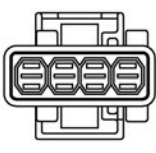
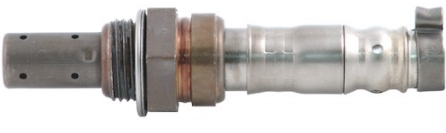




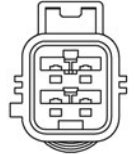


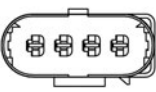





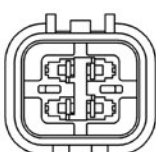
| | | |
|---|---|--|
| <p>25683 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (525mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25684 OE Type Heated AFR Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25685 OE Type Heated AFR Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25686 OE Type Heated AFR Sensor</p>  | <p>L Length: 24.5 inches (625mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25687 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 51.25 inches (1300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25688 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 52.25 inches (1325mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25689 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 43.25 inches (1100mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25690 OE Type Heated AFR Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |








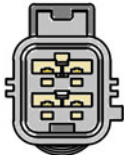


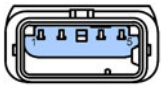


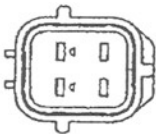


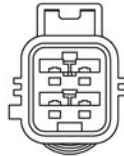





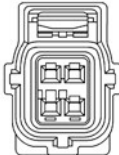
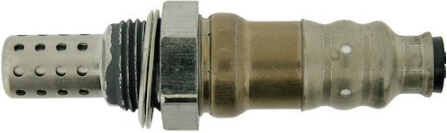

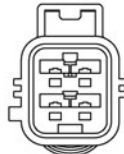
| | | |
|--|--|--|
| <p>25691 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 33.5 inches (850mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25692 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36.5 inches (925mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25693 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36.5 inches (925mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25694 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.75 inches (250mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25695 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 38.5 inches (975mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25696 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.5 inches (700mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25697 OE Type Heated AFR Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25698 OE Type Heated AFR Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

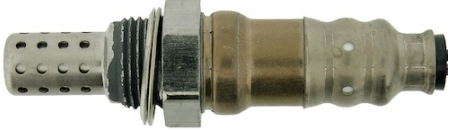

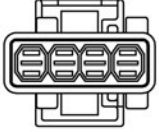


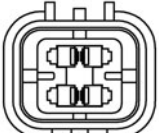







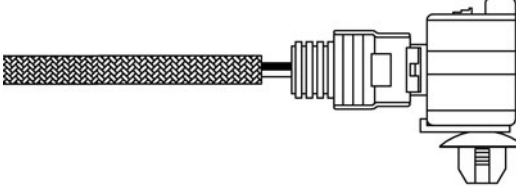

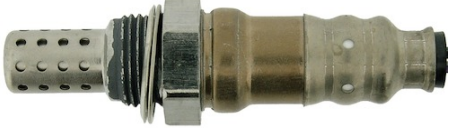


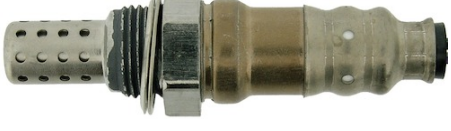
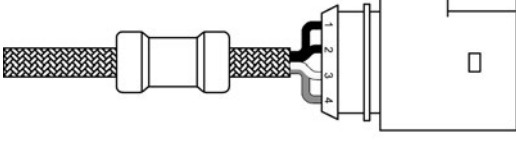
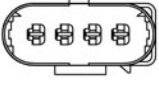
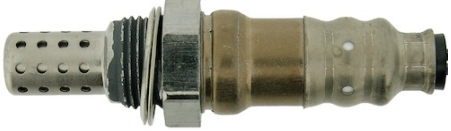
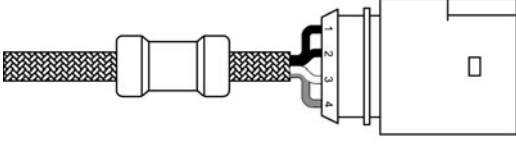
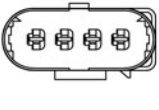
| | | |
|---|---|--|
| <p>25699 OE Type Heated AFR Sensor</p>  | <p>L Length: 16.75 inches (425mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25700 OE Type Heated AFR Sensor</p>  | <p>L Length: 10.75 inches (275mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25701 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25702 OE Type Heated AFR Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25704 OE Type Heated AFR Sensor</p>  | <p>L Length: 18.75 inches (475mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25705 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 48.25 inches (1225mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25706 OE Type Heated AFR Sensor</p>  | <p>L Length: 25.5 inches (650mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25708 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |





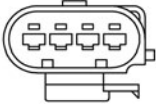

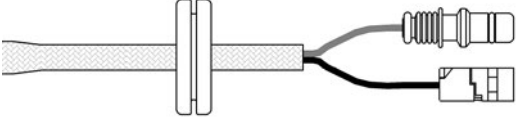




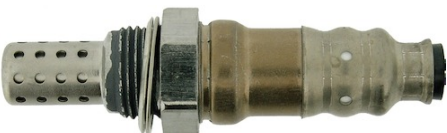
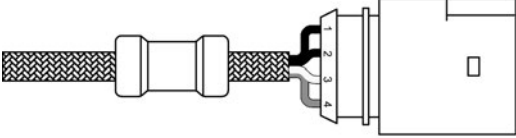
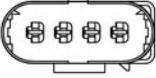

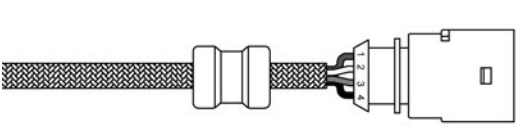
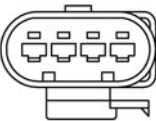
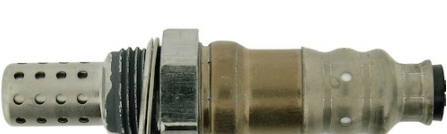
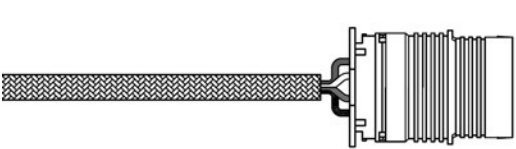
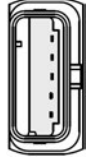

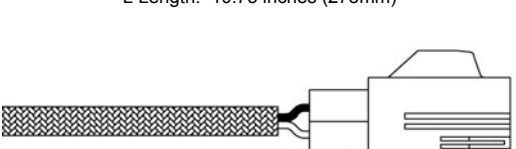
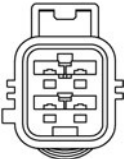
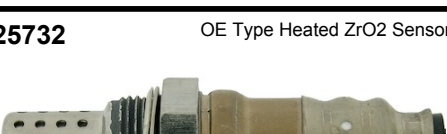
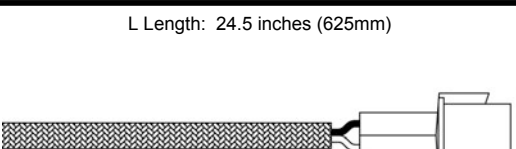
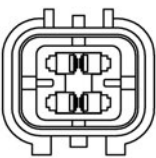
| | | |
|--|---|--|
| <p>25709 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25710 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25711 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25712 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25713 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 41.25 inches (1050mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25714 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 48.25 inches (1225mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25715 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36.5 inches (925mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25716 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.5 inches (800mm)</p>  | <p>4 Lead Terminated</p>  |



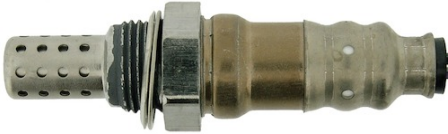
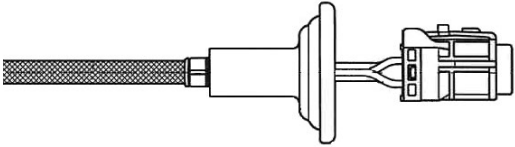
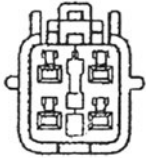

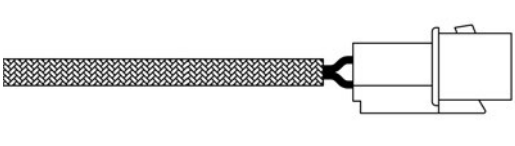
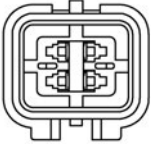


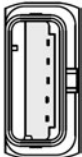

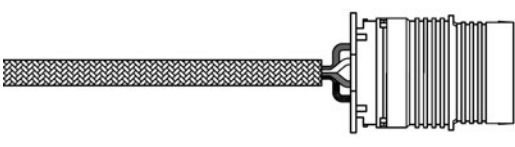



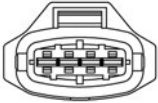


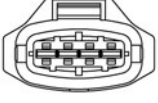


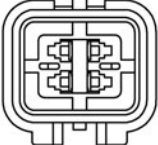
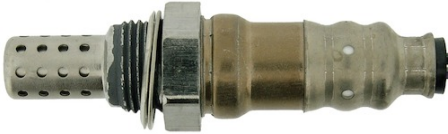

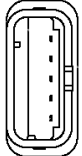
ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

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| <p>25717 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 49.25 inches (1250mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25718 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25719 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 32.5 inches (825mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25720 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25721 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.5 inches (650mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25722 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 37.5 inches (950mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25723 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25724 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 67 inches (1700mm)</p>  | <p>4 Lead Terminated</p>  |


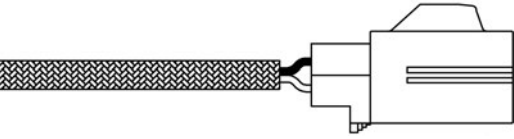
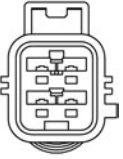

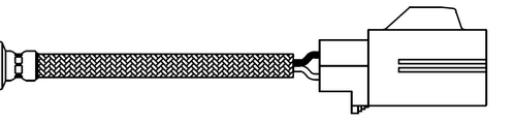



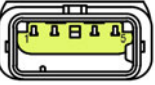


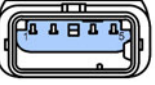

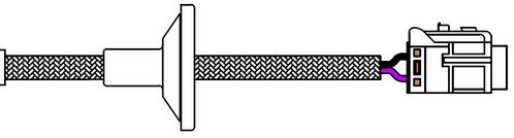


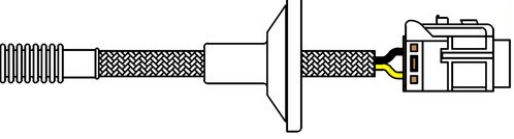

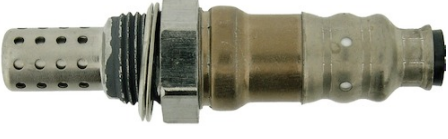


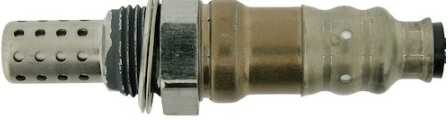
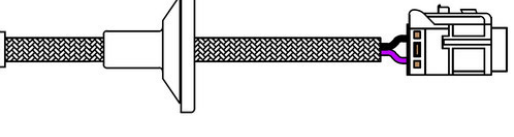



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| <p>25725 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.5 inches (675mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25726 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 38.5 inches (975mm)</p>  | <p>3 Lead Terminated</p>  |
| <p>25727 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25728 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36.5 inches (925mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25729 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.5 inches (675mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25730 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.5 inches (750mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25731 OE Type Heated AFR Sensor</p>  | <p>L Length: 10.75 inches (275mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25732 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.5 inches (625mm)</p>  | <p>4 Lead Terminated</p>  |




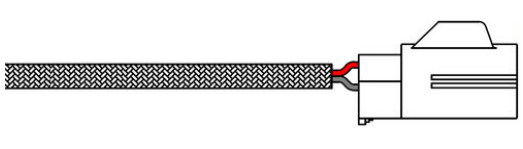


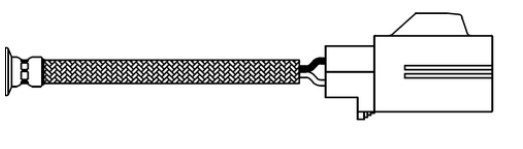


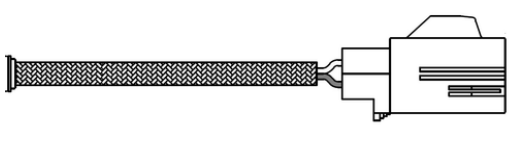
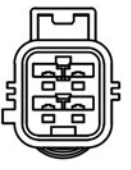

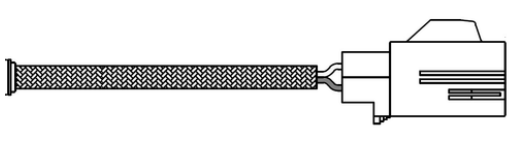


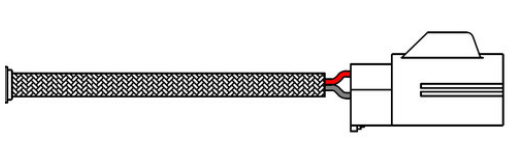


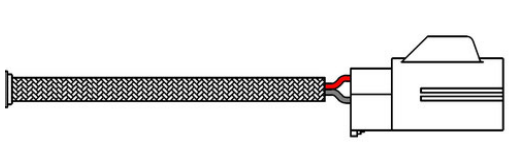


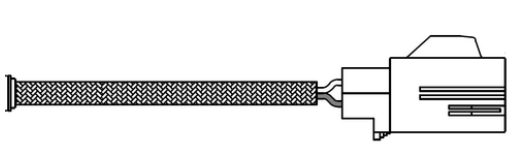


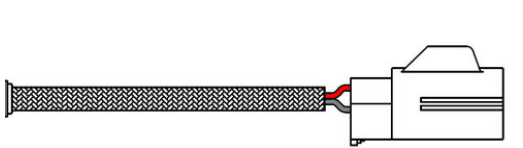

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|---|---|--|
| <p>25733 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.5 inches (750mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25734 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 42.25 inches (1075mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25735 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25736 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36.5 inches (925mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25737 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 52.25 inches (1325mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25738 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.5 inches (800mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25739 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.5 inches (700mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25740 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.5 inches (650mm)</p>  | <p>4 Lead Terminated</p>  |












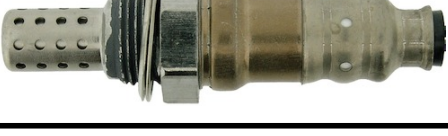


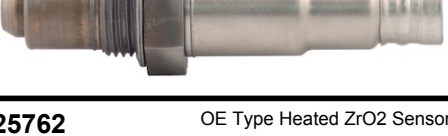


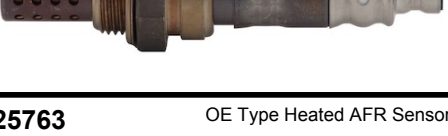


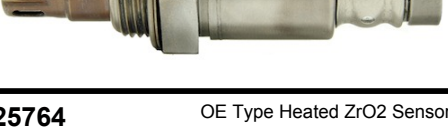



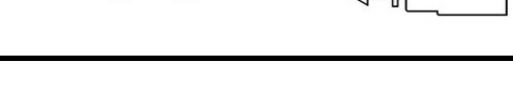

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| <p>25741 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19 inches (485mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25742 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 41.5 inches (1055mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25743 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26.75 inches (680mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25744 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.5 inches (700mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25745 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18.75 inches (475mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25746 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 40.25 inches (1025mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25747 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 35.5 inches (900mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25748 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 38.5 inches (975mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor



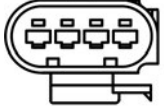


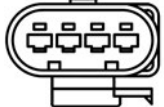

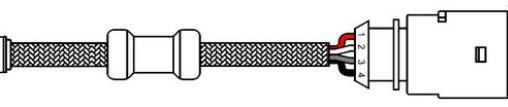
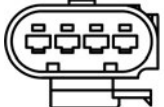













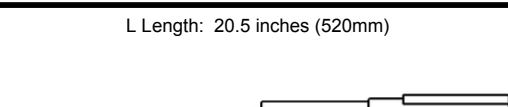
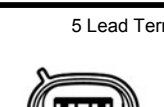
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|---|--|--|
| <p>25749 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 15.75 inches (400mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25750 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25751 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25752 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25753 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 26 inches (660mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25754 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20 inches (505mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25755 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22.75 inches (580mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25756 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 27.5 inches (700mm)</p>  | <p>4 Lead Terminated</p>  |







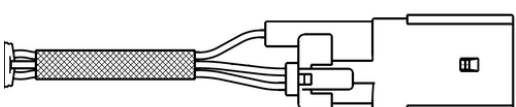





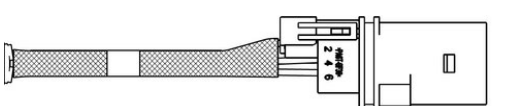


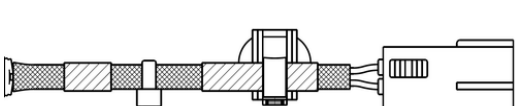
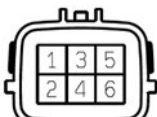

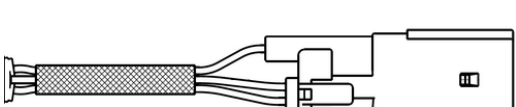





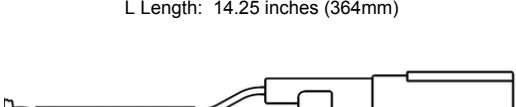
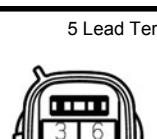
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| <p>25757 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.75 inches (325mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25758 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25759 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 45.25 inches (1150mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25760 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 57 inches (1450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25761 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25762 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.75 inches (375mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25763 OE Type Heated AFR Sensor</p>  | <p>L Length: 20.75 inches (525mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25764 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (525mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

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| <p>25765 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 28.5 inches (725mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25766 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 30.5 inches (775mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25767 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 38.5 inches (975mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>25768 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (550mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>27000 OE Type Heated WB Sensor</p>  | <p>L Length: 38.5 inches (975mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27001 OE Type Heated WB Sensor</p>  | <p>L Length: 19.25 inches (486mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27002 OE Type Heated WB Sensor</p>  | <p>L Length: 22.25 inches (567mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27003 OE Type Heated WB Sensor</p>  | <p>L Length: 20.5 inches (520mm)</p>  | <p>5 Lead Terminated</p>  |



| | | |
|--|--|--|
| <p>27004 OE Type Heated WB Sensor</p>  | <p>L Length: 11 inches (280mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27005 OE Type Heated WB Sensor</p>  | <p>L Length: 16.5 inches (422mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27006 OE Type Heated WB Sensor</p>  | <p>L Length: 16.5 inches (422mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27007 OE Type Heated WB Sensor</p>  | <p>L Length: 20.25 inches (517mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27008 OE Type Heated WB Sensor</p>  | <p>L Length: 24.5 inches (625mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27009 OE Type Heated WB Sensor</p>  | <p>L Length: 18.25 inches (461mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27010 OE Type Heated WB Sensor</p>  | <p>L Length: 24.25 inches (619mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27011 OE Type Heated WB Sensor</p>  | <p>L Length: 14.25 inches (364mm)</p>  | <p>5 Lead Terminated</p>  |

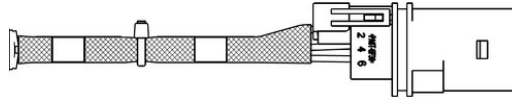


ZrO2 = Zirconia Oxygen Sensor
TiO2 = Titania Oxygen Sensor
WB 02 = Wideband Oxygen Sensor
AFR = Air Fuel Ratio Sensor

27012 OE Type Heated WB Sensor



L Length: 50.75 inches (1292mm)



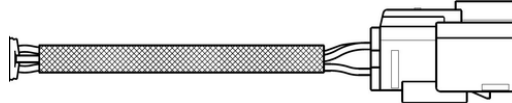
5 Lead Terminated



27013 OE Type Heated WB Sensor



L Length: 19.25 inches (486mm)



5 Lead Terminated



27014 OE Type Heated WB Sensor



L Length: 11.5 inches (292mm)



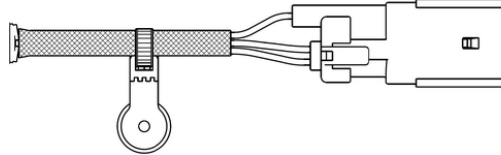
5 Lead Terminated



27015 OE Type Heated WB Sensor



L Length: 17.5 inches (445mm)



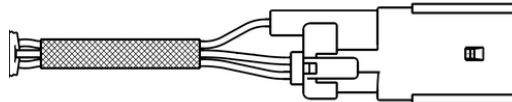
5 Lead Terminated



27016 OE Type Heated WB Sensor



L Length: 14.75 inches (375mm)



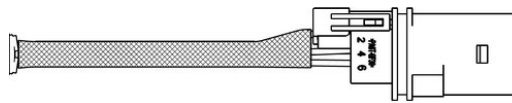
5 Lead Terminated



27017 OE Type Heated WB Sensor



L Length: 19.75 inches (500mm)



5 Lead Terminated



27018 OE Type Heated WB Sensor




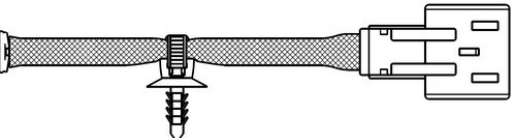
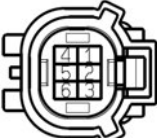

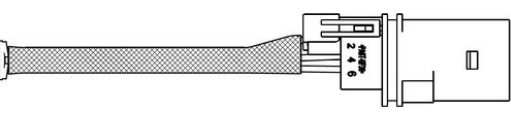
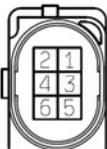

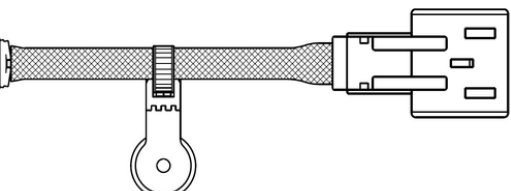


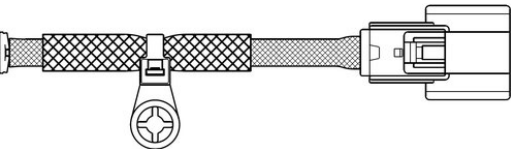
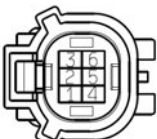




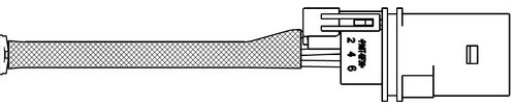


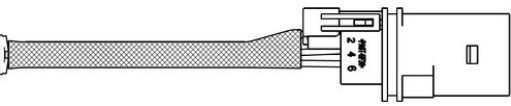

L Length: 16.5 inches (422mm)



5 Lead Terminated





| | | |
|--|---|--|
| <p>27019 OE Type Heated WB Sensor</p>  | <p>L Length: 16.5 inches (422mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27020 OE Type Heated WB Sensor</p>  | <p>L Length: 24.75 inches (628mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27021 OE Type Heated WB Sensor</p>  | <p>L Length: 17.5 inches (445mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27022 OE Type Heated WB Sensor</p>  | <p>L Length: 23 inches (586mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27023 OE Type Heated WB Sensor</p>  | <p>L Length: 16.5 inches (422mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27024 OE Type Heated WB Sensor</p>  | <p>L Length: 17.5 inches (445mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27025 OE Type Heated WB Sensor</p>  | <p>L Length: 19 inches (480mm)</p>  | <p>5 Lead Terminated</p>  |



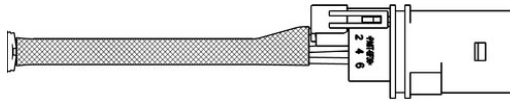
ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

27026

OE Type Heated WB Sensor

L Length: 23.5 inches (600mm)

5 Lead Terminated

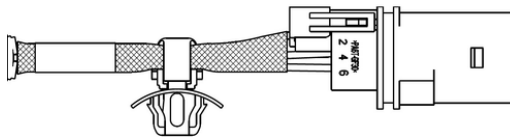


27027

OE Type Heated WB Sensor

L Length: 16.25 inches (410mm)

5 Lead Terminated

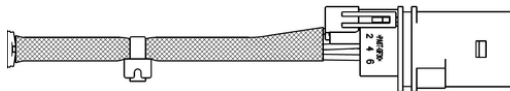


27028

OE Type Heated WB Sensor

L Length: 10.25 inches (260mm)

5 Lead Terminated

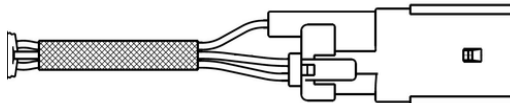


27029

OE Type Heated WB Sensor

L Length: 11.5 inches (289mm)

5 Lead Terminated

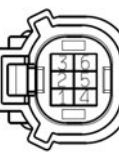
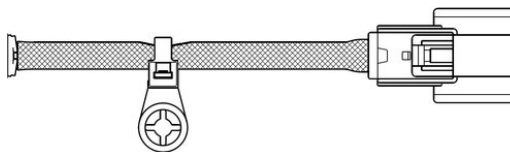


27030

OE Type Heated WB Sensor

L Length: 18.75 inches (476mm)

5 Lead Terminated

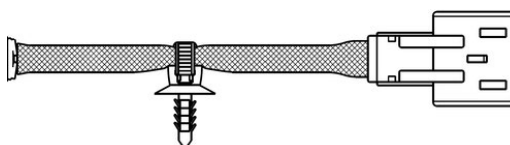


27031


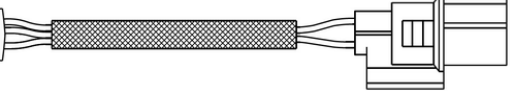


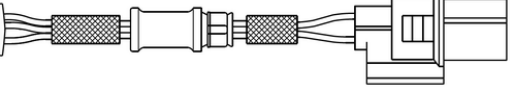


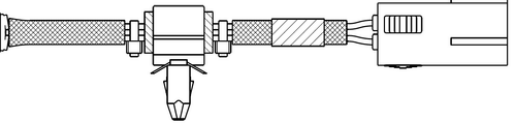
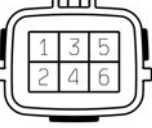




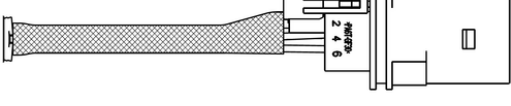
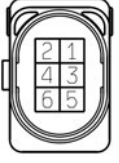
OE Type Heated WB Sensor

L Length: 17.25 inches (437mm)

5 Lead Terminated


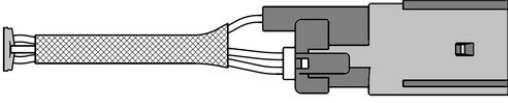





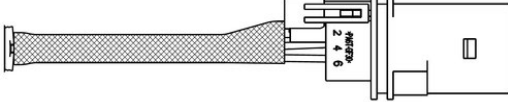
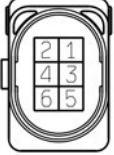

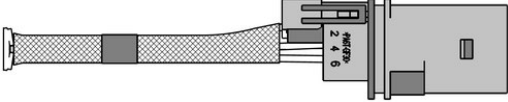
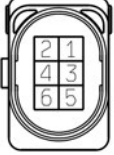

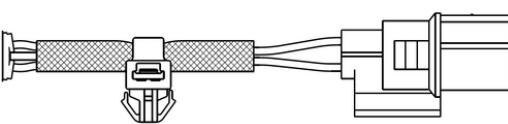





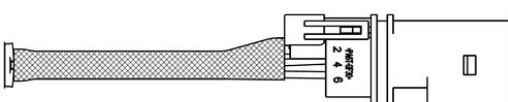
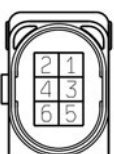





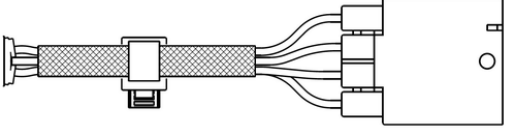



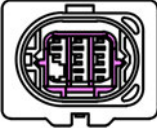


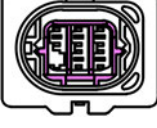


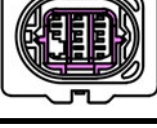
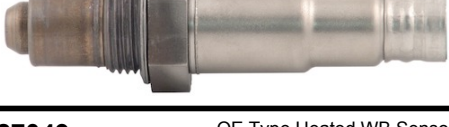

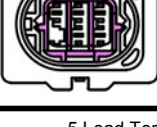
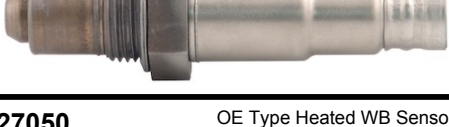
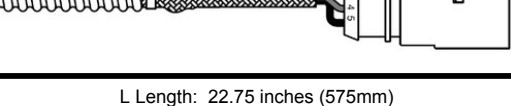
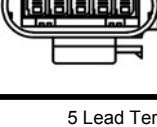
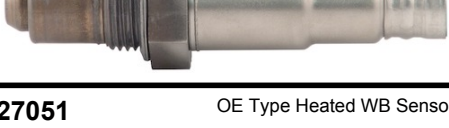
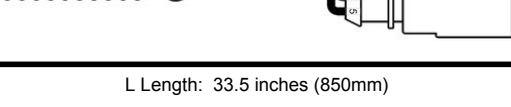
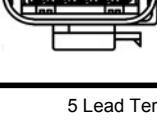
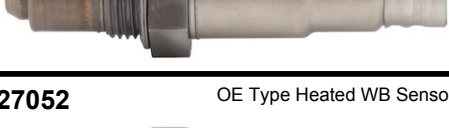
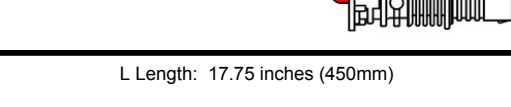
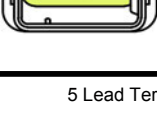

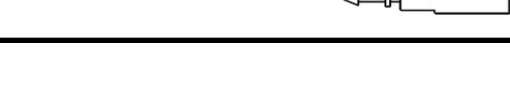
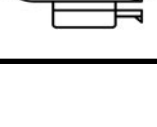
| | | |
|--|---|--|
| <p>27032 OE Type Heated WB Sensor</p>  | <p>L Length: 9.5 inches (243mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27033 OE Type Heated WB Sensor</p>  | <p>L Length: 12.5 inches (320mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27034 OE Type Heated WB Sensor</p>  | <p>L Length: 12.5 inches (315mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27035 OE Type Heated WB Sensor</p>  | <p>L Length: 9.75 inches (245mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27036 OE Type Heated WB Sensor</p>  | <p>L Length: 23.5 inches (600mm)</p>  | <p>5 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB 02 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

| | | |
|---|--|--|
| <p>27037 OE Type Heated WB Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27038 OE Type Heated WB Sensor</p>  | <p>L Length: 28.25 inches (716mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27039 OE Type Heated WB Sensor</p>  | <p>L Length: 21.5 inches (547mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27040 OE Type Heated WB Sensor</p>  | <p>L Length: 29.5 inches (747mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27041 OE Type Heated WB Sensor</p>  | <p>L Length: 10.75 inches (270mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27042 OE Type Heated WB Sensor</p>  | <p>L Length: 9.75 inches (249mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27043 OE Type Heated WB Sensor</p>  | <p>L Length: 23 inches (587mm)</p>  | <p>5 Lead Terminated</p>  |

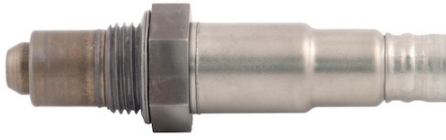


| | | |
|--|--|--|
| <p>27044 OE Type Heated WB Sensor</p>  | <p>L Length: 10.75 inches (270mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27045 OE Type Heated WB Sensor</p>  | <p>L Length: 24.75 inches (630mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27046 OE Type Heated WB Sensor</p>  | <p>L Length: 30.5 inches (775mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27047 OE Type Heated WB Sensor</p>  | <p>L Length: 20.75 inches (525mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27048 OE Type Heated WB Sensor</p>  | <p>L Length: 22.75 inches (575mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27049 OE Type Heated WB Sensor</p>  | <p>L Length: 25.5 inches (650mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27050 OE Type Heated WB Sensor</p>  | <p>L Length: 22.75 inches (575mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27051 OE Type Heated WB Sensor</p>  | <p>L Length: 33.5 inches (850mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27052 OE Type Heated WB Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>5 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

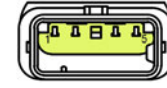
27053 OE Type Heated WB Sensor



L Length: 29.5 inches (750mm)



5 Lead Terminated



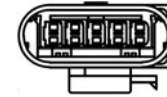
27054 OE Type Heated WB Sensor



L Length: 35.5 inches (900mm)



5 Lead Terminated



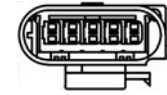
27055 OE Type Heated WB Sensor



L Length: 27.5 inches (700mm)



5 Lead Terminated



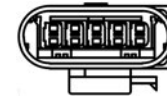
27056 OE Type Heated WB Sensor



L Length: 27.5 inches (700mm)



5 Lead Terminated



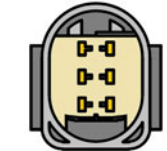
27057 OE Type Heated WB Sensor



L Length: 29.5 inches (750mm)



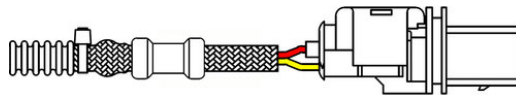
5 Lead Terminated



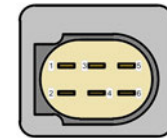
27058 OE Type Heated WB Sensor



L Length: 41.25 inches (1050mm)



5 Lead Terminated



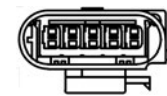
27059 OE Type Heated WB Sensor



L Length: 35.5 inches (900mm)



5 Lead Terminated



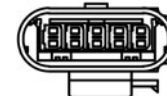
27060 OE Type Heated WB Sensor





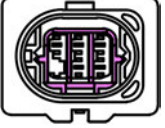

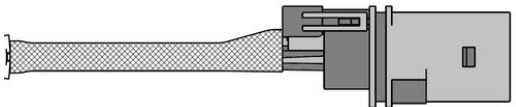


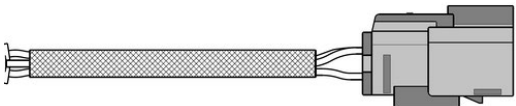

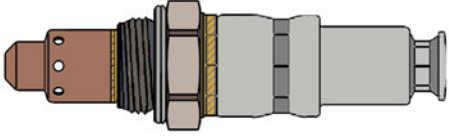
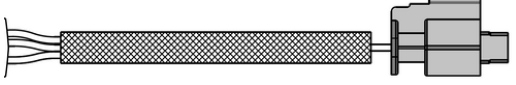

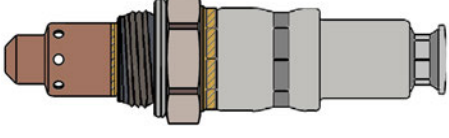



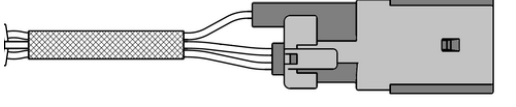


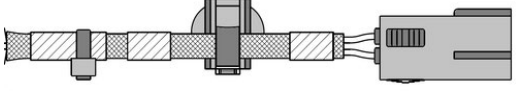


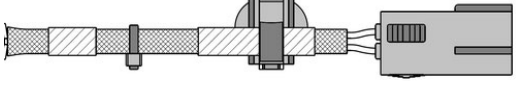
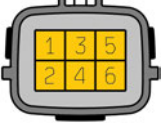
L Length: 46.5 inches (1180mm)



5 Lead Terminated





| | | |
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| <p>27061 OE Type Heated WB Sensor</p>  | <p>L Length: 13.25 inches (335mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27062 OE Type Heated WB Sensor</p>  | <p>L Length: 30.25 inches (770mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27063 OE Type Heated WB Sensor</p>  | <p>L Length: 25 inches (636mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27064 OE Type Heated WB Sensor</p>  | <p>L Length: 16.5 inches (422mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27065 OE Type Heated WB Sensor</p>  | <p>L Length: 19.75 inches (504mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27066 OE Type Heated WB Sensor</p>  | <p>L Length: 13.25 inches (335mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27067 OE Type Heated WB Sensor</p>  | <p>L Length: 21.25 inches (540mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27068 OE Type Heated WB Sensor</p>  | <p>L Length: 24.5 inches (625mm)</p>  | <p>5 Lead Terminated</p>  |



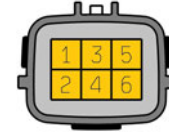
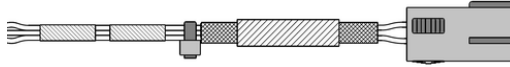
ZrO2 = Zirconia Oxygen Sensor WB 02 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

27069

OE Type Heated WB Sensor

L Length: 10.75 inches (270mm)

5 Lead Terminated

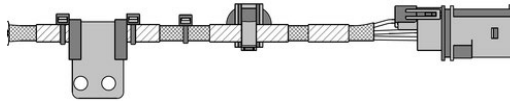


27070

OE Type Heated WB Sensor

L Length: 24 inches (610mm)

5 Lead Terminated

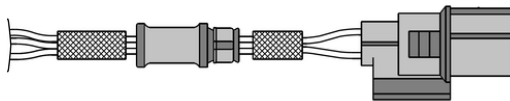


27071

OE Type Heated WB Sensor

L Length: 13.75 inches (348mm)

5 Lead Terminated

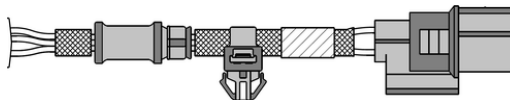


27072

OE Type Heated WB Sensor

L Length: 16.25 inches (412mm)

5 Lead Terminated

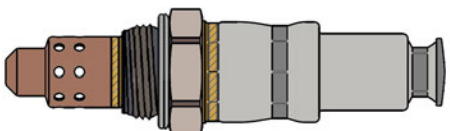


27073

OE Type Heated WB Sensor

L Length: 10.5 inches (264mm)

5 Lead Terminated

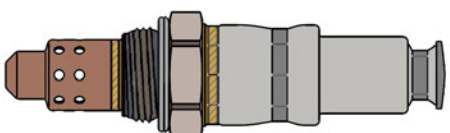


27074

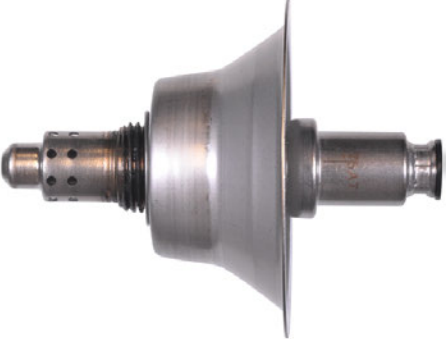



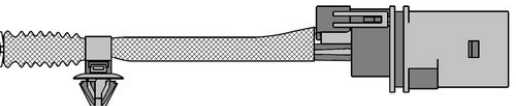


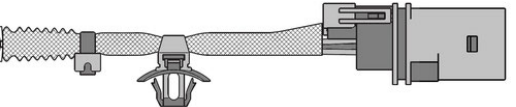


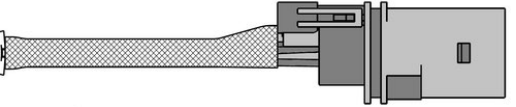
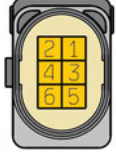
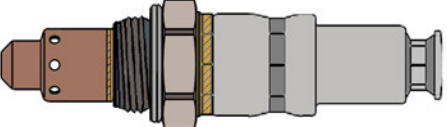


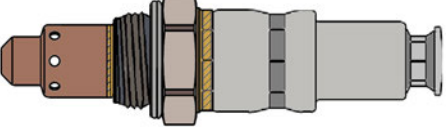
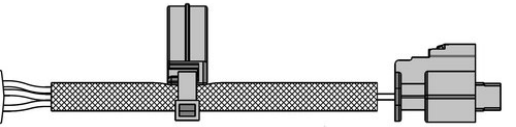

OE Type Heated WB Sensor

L Length: 11 inches (278mm)

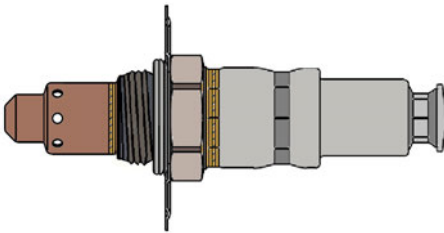
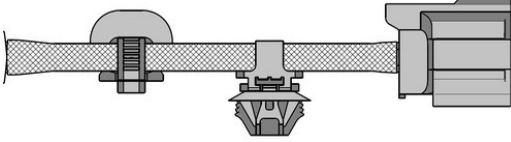



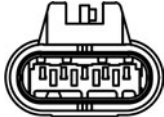


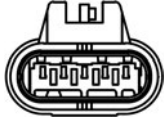


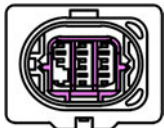



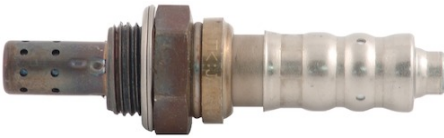

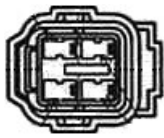


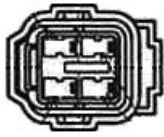
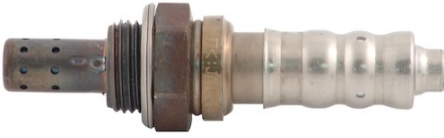

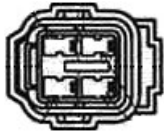
5 Lead Terminated



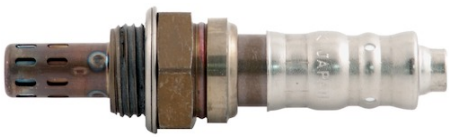




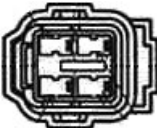


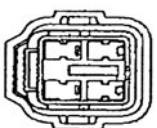





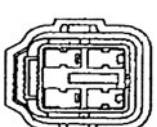

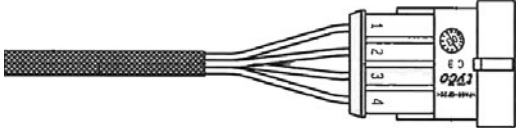
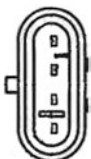

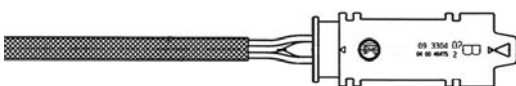


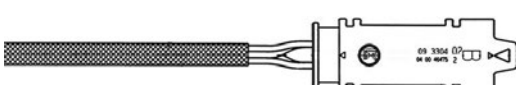



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| <p>27075 OE Type Heated WB Sensor</p>  | <p>L Length: 10 inches (255mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27076 OE Type Heated WB Sensor</p>  | <p>L Length: 11.5 inches (290mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27077 OE Type Heated WB Sensor</p>  | <p>L Length: 13.75 inches (352mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27078 OE Type Heated WB Sensor</p>  | <p>L Length: 19.25 inches (490mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27079 OE Type Heated WB Sensor</p>  | <p>L Length: 17.5 inches (445mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27080 OE Type Heated WB Sensor</p>  | <p>L Length: 24.5 inches (625mm)</p>  | <p>5 Lead Terminated</p>  |



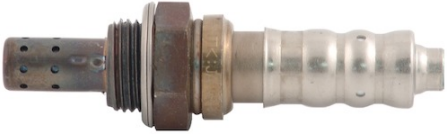

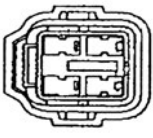


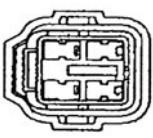


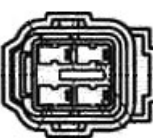





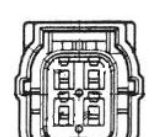









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|---|--|--|
| <p>27081 OE Type Heated WB Sensor</p>  | <p>L Length: 16 inches (407mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27082 OE Type Heated WB Sensor</p>  | <p>L Length: 15 inches (380mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27083 OE Type Heated WB Sensor</p>  | <p>L Length: 22.75 inches (580mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>27084 OE Type Heated WB Sensor</p>  | <p>L Length: 19 inches (485mm)</p>  | <p>5 Lead Terminated</p>  |
| <p>28001 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 30.75 inches (780mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28002 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24.5 inches (620mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28003 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.75 inches (350mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28004 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.25 inches (410mm)</p>  | <p>4 Lead Terminated</p>  |




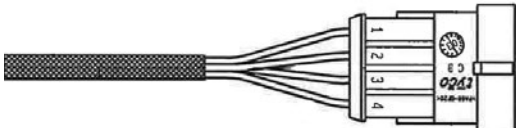
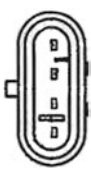


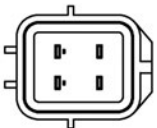

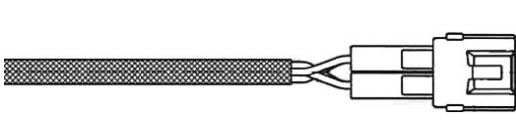


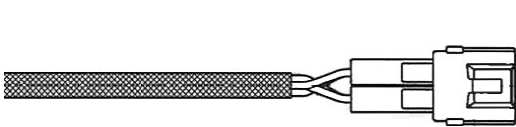


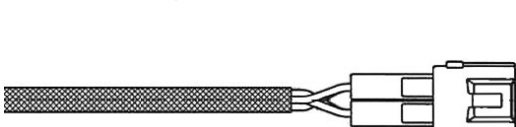


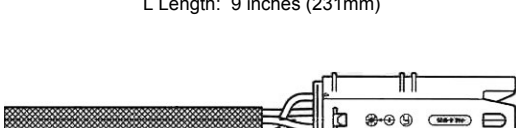
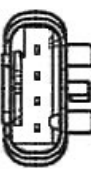

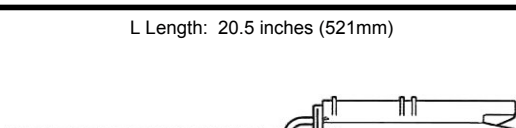

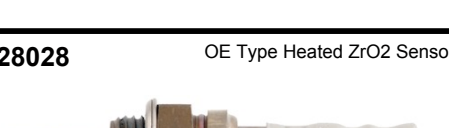
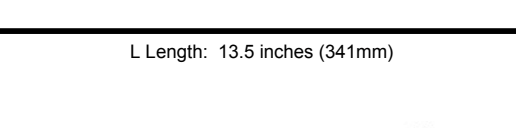

| | | |
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| <p>28005 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 16.5 inches (420mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28006 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20 inches (510mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28007 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20 inches (510mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28008 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.5 inches (340mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28009 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 11.75 inches (300mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28010 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 12.25 inches (310mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28011 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 36.25 inches (922mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28012 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.75 inches (554mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

| | | | |
|---|--|---|-------------------|
| 28013 | OE Type Heated ZrO2 Sensor | L Length: 20.75 inches (530mm) | 4 Lead Terminated |
|  |  |  | |
| 28014 | OE Type Heated ZrO2 Sensor | L Length: 20.75 inches (530mm) | 4 Lead Terminated |
|  |  |  | |
| 28015 | OE Type Heated ZrO2 Sensor | L Length: 33 inches (840mm) | 4 Lead Terminated |
|  |  |  | |
| 28016 | OE Type Heated ZrO2 Sensor | L Length: 17.25 inches (440mm) | 4 Lead Terminated |
|  |  |  | |
| 28017 | OE Type Heated ZrO2 Sensor | L Length: 30.75 inches (780mm) | 4 Lead Terminated |
|  |  |  | |
| 28018 | OE Type Heated ZrO2 Sensor | L Length: 33 inches (840mm) | 4 Lead Terminated |
|  |  |  | |
| 28019 | OE Type Unheated ZrO2 Sensor | L Length: 14.5 inches (370mm) | 2 Lead Terminated |
|  |  |  | |
| 28020 | OE Type Unheated ZrO2 Sensor | L Length: 8 inches (203mm) | 2 Lead Terminated |
|  |  |  | |



| | | |
|--|--|--|
| <p>28021 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 34.75 inches (880mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28022 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 31.5 inches (800mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28023 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.25 inches (640mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28024 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21 inches (535mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28025 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 19.75 inches (500mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28026 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9 inches (231mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28027 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.5 inches (521mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28028 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 13.5 inches (341mm)</p>  | <p>4 Lead Terminated</p>  |



ZrO2 = Zirconia Oxygen Sensor WB O2 = Wideband Oxygen Sensor
TiO2 = Titania Oxygen Sensor AFR = Air Fuel Ratio Sensor

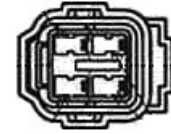
28029 OE Type Heated ZrO2 Sensor



L Length: 20.75 inches (530mm)



4 Lead Terminated



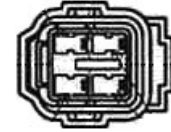
28030 OE Type Heated ZrO2 Sensor



L Length: 20.75 inches (530mm)



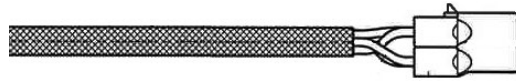
4 Lead Terminated



28031 OE Type Heated ZrO2 Sensor



L Length: 14.5 inches (370mm)



4 Lead Terminated



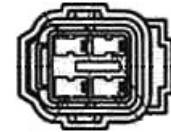
28032 OE Type Heated ZrO2 Sensor



L Length: 8.25 inches (210mm)



4 Lead Terminated



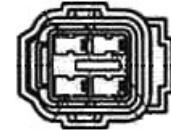
28033 OE Type Heated ZrO2 Sensor



L Length: 18 inches (460mm)



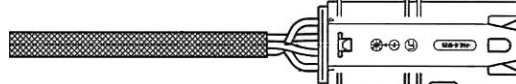
4 Lead Terminated



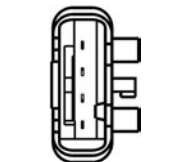
28034 OE Type Heated ZrO2 Sensor



L Length: 11.75 inches (301mm)



4 Lead Terminated



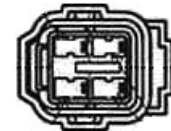
28035 OE Type Heated ZrO2 Sensor



L Length: 11.75 inches (298mm)



4 Lead Terminated



28800 OE Type Heated ZrO2 Sensor








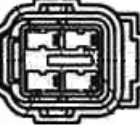


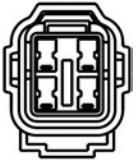


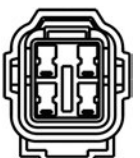












L Length: 27.5 inches (700mm)




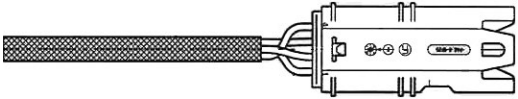
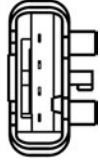

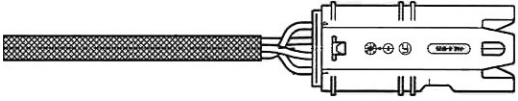
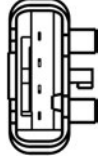

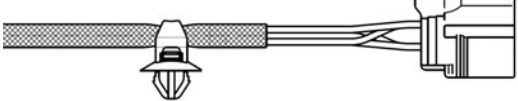


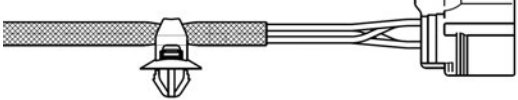
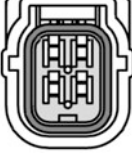

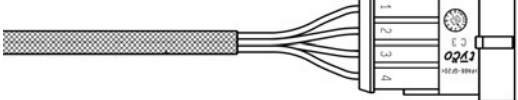




4 Lead Terminated





| | | |
|--|--|--|
| <p>28801 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 29.5 inches (750mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28802 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 17.75 inches (450mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28803 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 25.25 inches (640mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28804 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.75 inches (530mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28805 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 14.25 inches (360mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28806 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9.25 inches (235mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28807 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 28 inches (710mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28808 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 22 inches (560mm)</p>  | <p>4 Lead Terminated</p>  |



| | | |
|---|---|--|
| <p>28809 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 9 inches (231mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28810 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 20.5 inches (520mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28811 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (460mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28812 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 21.25 inches (540mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28813 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 24 inches (610mm)</p>  | <p>4 Lead Terminated</p>  |
| <p>28814 OE Type Heated ZrO2 Sensor</p>  | <p>L Length: 18 inches (460mm)</p>  | <p>4 Lead Terminated</p>  |



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| 21002 | | OE Type Unheated ZrO2 Sensor | 21002 (Cont'd) | | OE Type Unheated ZrO2 Sensor |
|--------------------------------|--------------------|------------------------------|--------------------------------|----------------|------------------------------|
| L Length: 15.25 inches (387mm) | | 1 Lead Terminated | L Length: 15.25 inches (387mm) | | 1 Lead Terminated |
| American Motors | Eagle | 1988 | Chevrolet | K20 | 1986-1983 |
| AM General | Hummer | 1996-1995 | | K20 Suburban | 1986-1983 |
| Asuna | GT | 1993 | | K30 | 1986-1983 |
| | SE | 1993 | | K1500 | 1995-1988 |
| Buick | Century | 1996-1982 | | K1500 Suburban | 1995-1992 |
| | Commercial Chassis | 1993-1991 | | K2500 | 1995-1988 |
| | Electra | 1990-1982 | | K2500 Suburban | 1995-1992 |
| | Estate Wagon | 1983-1982 | | K3500 | 1995-1988 |
| | LeSabre | 1992-1982 | | LLV | 1995-1987 |
| | Park Avenue | 1993-1991 | | Lumina | 1994-1990 |
| | Reatta | 1991-1988 | | Lumina APV | 1995-1990 |
| | Regal | 1993-1982 | | LUV | 1982-1980 |
| | Riviera | 1993-1982 | | Malibu | 1983-1980 |
| | Roadmaster | 1993-1991 | | Malibu | 1999-1997 |
| | Skyhawk | 1989-1982 | | Metro | 1992 |
| | Skylark | 1998-1980 | | Monte Carlo | 1988-1980 |
| | Somerset | 1987-1986 | | Monza | 1980 |
| | Somerset Regal | 1985 | | P20 | 1989-1983 |
| Cadillac | Brougham | 1992-1987 | | P30 | 1995-1983 |
| | Cimarron | 1988-1982 | | P40 | 1990-1983 |
| | Commercial Chassis | 1987-1985 | | R10 | 1987 |
| | Commercial Chassis | 1993-1992 | | R10 Suburban | 1988-1987 |
| | DeVille | 1982 | | R20 | 1988-1987 |
| | DeVille | 1987-1985 | | R20 Suburban | 1988-1987 |
| | Eldorado | 1982 | | R30 | 1988-1987 |
| | Eldorado | 1986-1985 | | R1500 Suburban | 1991-1989 |
| | Fleetwood | 1982 | | R2500 | 1989 |
| | Fleetwood | 1987-1985 | | R2500 Suburban | 1991-1989 |
| | Fleetwood | 1993 | | R3500 | 1991-1989 |
| | Seville | 1982 | | S10 | 1998-1982 |
| | Seville | 1987-1985 | | S10 Blazer | 1991-1983 |
| Chevrolet | Astro | 1991-1985 | | Spectrum | 1988-1985 |
| | Bel Air | 1981 | | Sprint | 1992-1987 |
| | Beretta | 1996-1987 | | Tahoe | 1995 |
| | Blazer | 1994-1987 | V10 | 1987 | |
| | C10 | 1986-1983 | V10 Suburban | 1988-1987 | |
| | C10 Suburban | 1986-1983 | V20 | 1987 | |
| | C20 | 1986-1983 | V20 Suburban | 1988-1987 | |
| | C20 Suburban | 1986-1983 | V30 | 1988-1987 | |
| | C30 | 1986-1983 | V1500 Suburban | 1991-1989 | |
| | C1500 | 1995-1988 | V2500 Suburban | 1991-1989 | |
| | C1500 Suburban | 1995-1992 | V3500 | 1991-1989 | |
| | C2500 | 1995-1988 | Geo | Metro | 1994-1989 |
| | C2500 Suburban | 1995-1992 | | Spectrum | 1989 |
| | C3500 | 1995-1988 | | Storm | 1993-1990 |
| | C3500HD | 1995-1991 | GMC | C1500 | 1986-1983 |
| | Camaro | 1995-1980 | | C1500 | 1995-1988 |
| | Caprice | 1993-1980 | | C1500 Suburban | 1986-1983 |
| | Cavalier | 1998-1982 | | C1500 Suburban | 1995-1992 |
| | Celebrity | 1990-1982 | | C2500 | 1986-1983 |
| | Chevette | 1987-1980 | | C2500 | 1995-1988 |
| | Citation | 1983-1980 | | C2500 Suburban | 1986-1983 |
| | Citation II | 1985-1984 | | C2500 Suburban | 1995-1992 |
| | Commercial Chassis | 1993-1991 | | C3500 | 1986-1983 |
| | Corsica | 1996-1987 | | C3500 | 1995-1988 |
| | Corvette | 1982 | | C3500HD | 1995-1991 |
| | Corvette | 1993-1984 | | Caballero | 1987-1979 |
| | El Camino | 1987-1980 | | G1500 | 1995-1980 |
| | G10 | 1995-1980 | | G2500 | 1995-1980 |
| | G20 | 1995-1980 | | G3500 | 1995-1980 |
| | G30 | 1995-1980 | | Jimmy | 1991-1983 |
| | Impala | 1985-1980 | | K1500 | 1986-1983 |
| | K5 Blazer | 1986-1983 | | K1500 | 1995-1988 |
| | K10 | 1986-1983 | | K1500 Suburban | 1986-1983 |
| | K10 Suburban | 1986-1983 | K1500 Suburban | 1995-1992 | |



| 21002 (Cont'd) | | OE Type Unheated ZrO2 Sensor | | 21002 (Cont'd) | | OE Type Unheated ZrO2 Sensor | |
|--------------------------------|-----------------|------------------------------|--|--------------------------------|-----------|------------------------------|--|
| L Length: 15.25 inches (387mm) | | 1 Lead Terminated | | L Length: 15.25 inches (387mm) | | 1 Lead Terminated | |
| GMC | K2500 | 1986-1983 | Pontiac | Grand Am | 1980 | | |
| | K2500 | 1995-1988 | | Grand Am | 1999-1985 | | |
| | K2500 Suburban | 1986-1983 | | Grand LeMans | 1983-1980 | | |
| | K2500 Suburban | 1995-1992 | | Grand Prix | 1993-1980 | | |
| | K3500 | 1986-1983 | | J2000 | 1983-1982 | | |
| | K3500 | 1995-1988 | | J2000 Sunbird | 1985-1984 | | |
| | P2500 | 1989-1983 | | Laurentian | 1981-1980 | | |
| | P3500 | 1995-1983 | | LeMans | 1981-1980 | | |
| | R1500 | 1987 | | LeMans | 1993-1988 | | |
| | R1500 Suburban | 1991-1987 | | Optima | 1991-1988 | | |
| | R2500 | 1989-1987 | | Parisienne | 1986-1980 | | |
| | R2500 Suburban | 1991-1987 | | Phoenix | 1984-1980 | | |
| | R3500 | 1991-1987 | | Safari | 1989-1987 | | |
| | S15 | 1990-1982 | | Sunbird | 1980 | | |
| | S15 Jimmy | 1991-1983 | | Sunbird | 1994-1986 | | |
| | Safari | 1991-1985 | | Sunburst | 1988-1985 | | |
| | Sonoma | 1998-1991 | | Sunfire | 1998-1995 | | |
| | V1500 | 1987 | | T1000 | 1987-1981 | | |
| | V1500 Suburban | 1991-1987 | | Tempest | 1991-1987 | | |
| | V2500 | 1987 | | Trans Sport | 1995-1990 | | |
| V2500 Suburban | 1991-1987 | Renault | Alliance | 1987-1985 | | | |
| V3500 | 1991-1987 | | Encore | 1986 | | | |
| Yukon | 1995-1992 | Suzuki | Forsa | 1988-1987 | | | |
| | 1993-1989 | | Swift | 1994-1989 | | | |
| Isuzu | Hombre | 1998-1996 | 21003 | | | | |
| | I-Mark | 1989-1981 | OE Type Heated ZrO2 Sensor | | | | |
| | Impulse | 1989-1983 | L Length: 12.75 inches (325mm) 3 Lead Terminated | | | | |
| | Pickup | 1994-1981 | Buick | Regal | 1993 | | |
| | Rodeo | 1993-1991 | Chevrolet | Astro | 1994-1992 | | |
| | Stylus | 1993-1991 | | Blazer | 1995-1992 | | |
| | Trooper | 1991-1984 | | C1500 | 1994-1992 | | |
| | | 1986-1984 | | C1500 Suburban | 1994-1992 | | |
| | 1986 | C2500 | | 1994-1992 | | | |
| | 1991-1987 | C2500 Suburban | | 1994-1992 | | | |
| | 1988-1987 | C3500 | | 1994-1992 | | | |
| | 1988-1987 | C3500HD | | 1994-1992 | | | |
| | 1987-1984 | Caprice | | 1993-1992 | | | |
| | 1990-1987 | Commercial Chassis | | 1992 | | | |
| Jeep | Cherokee | 1986-1984 | Corvette | 1995-1990 | | | |
| | Comanche | 1986 | G10 | 1994-1992 | | | |
| | Grand Wagoneer | 1991-1987 | G20 | 1994-1992 | | | |
| | J10 | 1988-1987 | G30 | 1994-1992 | | | |
| | J20 | 1988-1987 | K1500 | 1994-1992 | | | |
| | Wagoneer | 1987-1984 | K1500 Suburban | 1994-1992 | | | |
| | Wrangler | 1990-1987 | K2500 | 1994-1992 | | | |
| | | 1992 | K2500 Suburban | 1994-1992 | | | |
| | | 1993-1982 | K3500 | 1994-1992 | | | |
| | | 1998-1992 | Lumina | 1993 | | | |
| Oldsmobile | Achieva | 1998-1992 | P30 | 1994-1992 | | | |
| | Bravada | 1991 | S10 | 1995-1992 | | | |
| | Calais | 1987-1985 | S10 Blazer | 1994-1992 | | | |
| | Custom Cruiser | 1992-1982 | GMC | C1500 | 1994-1992 | | |
| | Cutlass | 1987-1985 | | C1500 Suburban | 1994-1992 | | |
| | Cutlass Calais | 1984-1982 | | C2500 | 1994-1992 | | |
| | Cutlass Calais | 1991-1988 | | C2500 Suburban | 1994-1992 | | |
| | Cutlass Ciera | 1996-1982 | | C3500 | 1994-1992 | | |
| | Cutlass Cruiser | 1983-1982 | | C3500HD | 1994-1992 | | |
| | Cutlass Cruiser | 1993-1987 | | G1500 | 1994-1992 | | |
| | Cutlass Salon | 1987-1985 | | G2500 | 1994-1992 | | |
| | Cutlass Supreme | 1993-1982 | | G3500 | 1994-1992 | | |
| | Delta 88 | 1991-1982 | | Jimmy | 1995-1992 | | |
| | Firenza | 1988-1982 | | K1500 | 1994-1992 | | |
| | Omega | 1984-1980 | | K1500 Suburban | 1994-1992 | | |
| | Silhouette | 1994-1990 | | K2500 | 1994-1992 | | |
| | Toronado | 1992-1982 | | K2500 Suburban | 1994-1992 | | |
| | | 1994-1992 | | K3500 | 1994-1992 | | |
| Pontiac | 6000 | 1991-1982 | | | | | |
| | Acadian | 1987-1980 | | | | | |
| | Bonneville | 1993-1980 | | | | | |
| | Catalina | 1981-1980 | | | | | |
| | Fiero | 1988-1984 | | | | | |
| | Firebird | 1995-1980 | | | | | |
| | Firefly | 1991-1987 | | | | | |
| | Firefly | 1994 | | | | | |
| | | | | | | | |
| | | | | | | | |



| 21003 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-----------------|----------------------------|--|
| L Length: 12.75 inches (325mm) | | 3 Lead Terminated | |
| GMC | P3500 | 1994-1992 | |
| | Safari | 1994-1992 | |
| | Sonoma | 1995-1992 | |
| | Syclone | 1991 | |
| | Typhoon | 1993-1992 | |
| | Yukon | 1994-1992 | |
| Oldsmobile | Bravada | 1994-1992 | |
| | Cutlass Supreme | 1993 | |
| Pontiac | Grand Prix | 1993 | |

| 21004 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------------|----------------------------|--|
| L Length: 12.25 inches (310mm) | | 3 Lead Terminated | |
| Buick | LeSabre | 1993 | |
| | Park Avenue | 1993 | |
| | Regal | 1993 | |
| Chevrolet | Astro | 1995 | |
| | C1500 | 1995 | |
| | C1500 Suburban | 1995 | |
| | C2500 | 1995 | |
| | C2500 Suburban | 1995 | |
| | C3500 | 1995 | |
| | C3500HD | 1995 | |
| | G10 | 1995 | |
| | G20 | 1995 | |
| | G30 | 1996-1995 | |
| | K1500 | 1995 | |
| | K1500 Suburban | 1995 | |
| | K2500 | 1995 | |
| | K2500 Suburban | 1995 | |
| | K3500 | 1995 | |
| | Lumina APV | 1993 | |
| Tahoe | 1995 | | |
| GMC | C1500 | 1995 | |
| | C1500 Suburban | 1995 | |
| | C2500 | 1995 | |
| | C2500 Suburban | 1995 | |
| | C3500 | 1995 | |
| | C3500HD | 1995 | |
| | G1500 | 1995 | |
| | G2500 | 1995 | |
| | G3500 | 1995 | |
| | K1500 | 1995 | |
| | K1500 Suburban | 1995 | |
| | K2500 | 1995 | |
| | K2500 Suburban | 1995 | |
| | K3500 | 1995 | |
| Safari | 1995 | | |
| Yukon | 1995 | | |
| Oldsmobile | 88 | 1993 | |
| | 98 | 1993 | |
| | Silhouette | 1993 | |
| Pontiac | Bonneville | 1993 | |
| | Trans Sport | 1993 | |

| 21006 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|--------------------|----------------------------|--|
| L Length: 13.75 inches (350mm) | | 4 Lead Terminated | |
| Acura | SLX | 1999-1996 | |
| Buick | Century | 1996-1994 | |
| | Commercial Chassis | 1996-1994 | |
| | LeSabre | 1996-1994 | |
| | Park Avenue | 1996-1994 | |
| | Regal | 1996-1993 | |
| | Riviera | 1996-1995 | |
| | Roadmaster | 1996-1994 | |
| Cadillac | Skylark | 1996-1994 | |
| | Commercial Chassis | 1996-1993 | |

| 21006 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|--------------------|----------------------------|-----------|
| L Length: 13.75 inches (350mm) | | 4 Lead Terminated | |
| Cadillac | Escalade | 2000-1999 | |
| | Fleetwood | 1996-1993 | |
| Chevrolet | Astro | 1997-1996 | |
| | Beretta | 1996-1994 | |
| | Blazer | 2001-1995 | |
| | C1500 | 1999-1996 | |
| | C1500 Suburban | 1999-1996 | |
| | C2500 | 1999-1996 | |
| | C2500 Suburban | 1996 | |
| | Camaro | 1997-1994 | |
| | Caprice | 1996-1994 | |
| | Commercial Chassis | 1994 | |
| | Corsica | 1996-1994 | |
| | Corvette | 2003-1994 | |
| | Express 1500 | 2002-1996 | |
| | Express 2500 | 2002-1996 | |
| | Express 3500 | 2002-1996 | |
| | G30 | 1996 | |
| | Impala | 1996-1994 | |
| | K1500 | 1999-1996 | |
| | K1500 Suburban | 1999-1996 | |
| | K2500 | 1998-1997 | |
| K2500 Suburban | 1996 | | |
| Lumina | 1996-1994 | | |
| Lumina APV | 1996-1994 | | |
| Monte Carlo | 1996-1995 | | |
| P30 | 1995 | | |
| S10 | 2001-1994 | | |
| S10 Blazer | 1994 | | |
| Tahoe | 2000-1996 | | |
| Daewoo | Lanos | 2002-1999 | |
| | Leganza | 2002-1999 | |
| GMC | C1500 | 1999-1996 | |
| | C1500 Suburban | 1999-1996 | |
| | C2500 | 1999-1996 | |
| | C2500 Suburban | 1996 | |
| | G3500 | 1996 | |
| | Jimmy | 2001-1994 | |
| | K1500 | 1999-1996 | |
| | K1500 Suburban | 1999-1996 | |
| | K2500 | 1998-1997 | |
| | K2500 Suburban | 1996 | |
| | P3500 | 1995 | |
| | Safari | 1997-1996 | |
| | Savana 1500 | 2002-1996 | |
| | Savana 2500 | 2002-1996 | |
| | Savana 3500 | 2002-1996 | |
| | Sonoma | 2001-1994 | |
| | Yukon | 2000-1996 | |
| Honda | Passport | 2000-1996 | |
| Isuzu | Amigo | 2000-1998 | |
| | Hombre | 2000-1996 | |
| | Rodeo | 2003-1996 | |
| | Rodeo Sport | 2003-2001 | |
| | Trooper | 1999-1996 | |
| | VehiCROSS | 2001-1999 | |
| | Oldsmobile | 88 | 1996-1994 |
| 98 | | 1996-1994 | |
| Achieva | | 1996-1994 | |
| Bravada | | 2001-1996 | |
| Cutlass Ciera | | 1996-1994 | |
| Cutlass Cruiser | | 1994 | |
| Cutlass Supreme | | 1996-1993 | |
| LSS | | 1996 | |
| Silhouette | | 1996-1994 | |



| 21006 (Cont'd) OE Type Heated ZrO2 Sensor | | 21042 OE Type Heated ZrO2 Sensor | |
|--|-----------------------|---|---------------------------|
| L Length: 13.75 inches (350mm) 4 Lead Terminated | | L Length: 48.75 inches (1238mm) 4 Lead Terminated | |
| Pontiac | Bonneville 1996-1994 | Chevrolet | Cavalier 2005-2002 |
| | Firebird 1997-1994 | Pontiac | Sunfire 2005-2002 |
| | Grand Am 1996-1994 | 21043 OE Type Heated ZrO2 Sensor | |
| | Grand Prix 1996-1994 | L Length: 27.75 inches (703mm) 4 Lead Terminated | |
| | Trans Sport 1996-1994 | Chevrolet | Cobalt 2010-2005 |
| 21023 OE Type Heated ZrO2 Sensor | | | HHR 2011-2006 |
| L Length: 12.25 inches (308mm) 4 Lead Terminated | | Pontiac | G5 2010-2007 |
| Buick | Allure 2009-2008 | | Pursuit 2006-2005 |
| | LaCrosse 2009-2008 | Saturn | Ion 2007-2005 |
| | Rainier 2006 | | L100 2002 |
| Chevrolet | Colorado 2006 | | L200 2003-2002 |
| | Impala 2009-2008 | | L300 2004 |
| | Trailblazer 2006 | | LW200 2003-2002 |
| | Trailblazer EXT 2006 | | SC1 2002-2000 |
| GMC | Canyon 2006 | | SC2 2002-2000 |
| | Envoy 2006 | | SL 2002-2000 |
| | Envoy XL 2006 | | SL1 2002-2000 |
| Isuzu | Ascender 2006 | | SL2 2002-2000 |
| | i-280 2006 | | SW2 2001-2000 |
| | i-350 2006 | | Vue 2003-2002 |
| Pontiac | Grand Prix 2008 | | Vue 2007-2006 |
| Saab | 9-7x 2006 | 21044 OE Type Heated ZrO2 Sensor | |
| 21035 OE Type Heated ZrO2 Sensor | | L Length: 12.25 inches (308mm) 4 Lead Terminated | |
| L Length: 16.75 inches (428mm) 4 Lead Terminated | | Buick | Rainier 2005-2004 |
| Pontiac | Solstice 2007-2006 | Chevrolet | Classic 2005-2004 |
| Saturn | Sky 2007 | | Colorado 2005-2004 |
| 21039 OE Type Unheated ZrO2 Sensor | | | Malibu 2008-2004 |
| L Length: 15.75 inches (403mm) 1 Lead Terminated | | | Trailblazer 2005-2002 |
| Chevrolet | Cavalier 1999 | | Trailblazer EXT 2005-2002 |
| | Malibu 1999 | GMC | Canyon 2005-2004 |
| | S10 2000-1999 | | Envoy 2005-2002 |
| GMC | Sonoma 2000-1999 | | Envoy XL 2005-2002 |
| Isuzu | Hombre 2000-1999 | | Envoy XUV 2005-2004 |
| Oldsmobile | Alero 1999 | Isuzu | Ascender 2005-2003 |
| Pontiac | Grand Am 1999 | Oldsmobile | Bravada 2004-2002 |
| | Sunfire 1999 | Pontiac | G6 2007-2006 |
| Saturn | SC1 2002-1995 | Saab | 9-7x 2005 |
| | SC2 2002-1995 | 21045 OE Type Heated ZrO2 Sensor | |
| | SL 2002-1995 | L Length: 9.75 inches (248mm) 4 Lead Terminated | |
| | SL1 2002-1995 | Chevrolet | Cavalier 2005-2002 |
| | SL2 2002-1995 | | Classic 2005-2004 |
| | SW1 1999-1995 | | Cobalt 2007-2005 |
| | SW2 2001-1995 | | Malibu 2005-2004 |
| 21040 OE Type Unheated ZrO2 Sensor | | Oldsmobile | Alero 2004-2002 |
| L Length: 15.25 inches (388mm) 2 Lead Terminated | | Pontiac | Grand Am 2005-2002 |
| Chevrolet | Cavalier 2002-2000 | | Sunfire 2005-2002 |
| | S10 2003-2000 | Saturn | Ion 2007-2003 |
| GMC | Sonoma 2003-2000 | | L100 2002 |
| Oldsmobile | Alero 2001-2000 | | L200 2003-2002 |
| Pontiac | Grand Am 2001-2000 | | L300 2004 |
| | Sunfire 2002-2000 | | LW200 2003-2002 |
| Saturn | L100 2001 | | Vue 2005-2002 |
| | L200 2001 | 21047 OE Type Heated ZrO2 Sensor | |
| | LS 2000 | L Length: 15.75 inches (398mm) 4 Lead Terminated | |
| | LS1 2000 | Buick | Rainier 2004 |
| | LW1 2000 | Chevrolet | SSR 2004-2003 |
| | LW200 2001 | | Trailblazer EXT 2004-2003 |
| 21041 OE Type Heated ZrO2 Sensor | | GMC | Envoy XL 2004-2003 |
| L Length: 36.25 inches (923mm) 4 Lead Terminated | | | Envoy XUV 2004 |
| Saturn | Ion 2004-2003 | Isuzu | Ascender 2004-2003 |
| | Vue 2005-2004 | 21048 OE Type Heated ZrO2 Sensor | |
| | | L Length: 13 inches (333mm) 4 Lead Terminated | |
| | | Buick | Allure 2007-2005 |



| 21048 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|-------------|----------------------------|-----------|
| L Length: 13 inches (333mm) | | 4 Lead Terminated | |
| Buick | Century | 2005 | |
| | LaCrosse | 2007-2005 | |
| | LeSabre | 2005-2004 | |
| | Lucerne | 2008-2006 | |
| | Park Avenue | 2005-2004 | |
| | Rainier | 2005-2004 | |
| | Regal | 2004 | |
| | Rendezvous | 2007-2005 | |
| | Terraza | 2007-2005 | |
| | Chevrolet | Astro | 2002-2000 |
| Corvette | | 2007-2005 | |
| Equinox | | 2007-2005 | |
| Impala | | 2007-2004 | |
| Malibu | | 2007-2006 | |
| Monte Carlo | | 2007-2004 | |
| SSR | | 2005-2003 | |
| Trailblazer EXT | | 2005-2003 | |
| Uplander | | 2007-2005 | |
| Venture | | 2005 | |
| GMC | Envoy | 2005 | |
| | Envoy XL | 2005-2003 | |
| | Envoy XUV | 2005-2004 | |
| | Safari | 2002-2000 | |
| Isuzu | Ascender | 2005-2003 | |
| Oldsmobile | Aurora | 2003-2001 | |
| | Intrigue | 2002-2000 | |
| Pontiac | Aztek | 2005 | |
| | Bonneville | 2005-2004 | |
| | G6 | 2007-2006 | |
| | Grand Prix | 2007-2004 | |
| | Montana | 2007-2005 | |
| Saab | Torrent | 2007-2006 | |
| | 9-7x | 2005 | |
| Saturn | Aura | 2007 | |
| | Relay | 2007-2005 | |

| 21049 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|------------------------|----------------------------|--|
| L Length: 16.75 inches (428mm) | | 4 Lead Terminated | |
| Cadillac | CTS | 2006 | |
| | Escalade | 2007 | |
| | Escalade ESV | 2007 | |
| | Escalade EXT | 2007 | |
| Chevrolet | Astro | 2005-2003 | |
| | Avalanche | 2007 | |
| | Silverado 1500 | 2007-2006 | |
| | Silverado 1500 Classic | 2007 | |
| | Suburban 1500 | 2007 | |
| | Suburban 2500 | 2007 | |
| | Tahoe | 2007-2006 | |
| | Trailblazer | 2003-2002 | |
| GMC | Trailblazer EXT | 2003-2002 | |
| | Envoy | 2003-2002 | |
| | Envoy XL | 2003-2002 | |
| | Safari | 2005-2003 | |
| | Sierra 1500 | 2007-2006 | |
| | Sierra 1500 Classic | 2007 | |
| | Yukon | 2007-2006 | |
| | Yukon XL 1500 | 2007 | |
| Hummer | Yukon XL 2500 | 2007 | |
| | H2 | 2007 | |
| Isuzu | Ascender | 2003 | |
| Oldsmobile | Bravada | 2003-2002 | |

| 21053 | | OE Type Heated ZrO2 Sensor | |
|---------------------------------|---------|----------------------------|--|
| L Length: 42.25 inches (1073mm) | | 4 Lead Terminated | |
| Chevrolet | Classic | 2005-2004 | |

| 21053 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|---------------------------------|----------|----------------------------|--|
| L Length: 42.25 inches (1073mm) | | 4 Lead Terminated | |
| Chevrolet | Corvette | 2004 | |
| | Malibu | 2005-2004 | |
| Oldsmobile | Alero | 2004-2002 | |
| Pontiac | Grand Am | 2005-2002 | |

| 21054 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-----------------|----------------------------|--|
| L Length: 18.75 inches (478mm) | | 4 Lead Terminated | |
| Buick | Rainier | 2005-2004 | |
| | Colorado | 2005-2004 | |
| | Trailblazer | 2005-2004 | |
| Chevrolet | Trailblazer EXT | 2005-2004 | |
| | Canyon | 2005-2004 | |
| | Envoy | 2005-2004 | |
| GMC | Envoy XL | 2005-2004 | |
| | Envoy XUV | 2005-2004 | |
| | Ascender | 2005-2004 | |
| Isuzu | Ascender | 2005-2004 | |
| Oldsmobile | Bravada | 2004 | |
| Saab | 9-7x | 2005 | |

| 21055 | | OE Type Heated ZrO2 Sensor | |
|-------------------------------|---------|----------------------------|--|
| L Length: 9.75 inches (248mm) | | 4 Lead Terminated | |
| Chevrolet | Classic | 2005-2004 | |
| | Malibu | 2006-2004 | |

| 21058 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|-------------|----------------------------|--|
| L Length: 15 inches (378mm) | | 4 Lead Terminated | |
| Buick | Rainier | 2007 | |
| Chevrolet | Colorado | 2012-2007 | |
| | Trailblazer | 2009-2007 | |
| GMC | Canyon | 2012-2007 | |
| | Envoy | 2009-2007 | |
| Hummer | H3 | 2010-2007 | |
| | H3T | 2010-2009 | |
| Isuzu | Ascender | 2008-2007 | |
| | i-290 | 2008-2007 | |
| | i-370 | 2008-2007 | |
| Saab | 9-7x | 2009-2007 | |

| 21059 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|--------------|----------------------------|--|
| L Length: 15 inches (378mm) | | 4 Lead Terminated | |
| Chevrolet | Colorado | 2012-2009 | |
| | Express 1500 | 2014-2008 | |
| | Express 2500 | 2016-2008 | |
| | Express 3500 | 2016-2008 | |
| | Express 4500 | 2010-2009 | |
| | Express 4500 | 2016 | |
| | Trailblazer | 2009-2008 | |
| GMC | Canyon | 2012-2009 | |
| | Envoy | 2009-2008 | |
| | Savana 1500 | 2014-2008 | |
| | Savana 2500 | 2016-2008 | |
| | Savana 3500 | 2016-2008 | |
| | Savana 4500 | 2010-2009 | |
| Hummer | Savana 4500 | 2016 | |
| | H3 | 2010-2008 | |
| Saab | H3T | 2010-2009 | |
| | 9-7x | 2009-2008 | |

| 21060 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|-------------|----------------------------|--|
| L Length: 15 inches (378mm) | | 4 Lead Terminated | |
| Chevrolet | Trailblazer | 2009-2008 | |
| GMC | Envoy | 2009-2008 | |
| Saab | 9-7x | 2009-2008 | |

| 21061 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-------------------|----------------------------|--|
| L Length: 21.75 inches (553mm) | | 4 Lead Terminated | |
| Cadillac | CTS | 2015-2009 | |
| Chevrolet | Silverado 2500 HD | 2010-2008 | |
| | Silverado 3500 HD | 2010-2008 | |



| 21061 (Cont'd) OE Type Heated ZrO2 Sensor | | 21068 OE Type Heated ZrO2 Sensor | |
|--|---|--|--|
| L Length: 21.75 inches (553mm) 4 Lead Terminated | | L Length: 12.25 inches (312mm) 4 Lead Terminated | |
| GMC | Sierra 2500 HD 2010-2008 Sierra 3500 HD 2010-2008 | Chevrolet | Captiva Sport 2015-2011 Equinox 2017-2011 |
| Hummer | H2 2009 | GMC | Terrain 2017-2011 |
| 21062 OE Type Heated ZrO2 Sensor | | 21069 OE Type Heated ZrO2 Sensor | |
| L Length: 12.25 inches (313mm) 4 Lead Terminated | | L Length: 16.25 inches (410mm) 4 Lead Terminated | |
| Chevrolet | Caprice 2013-2011 | Buick | LaCrosse 2016-2011 Regal 2017-2011 |
| Pontiac | G8 2009-2008 | Chevrolet | Impala 2014 Malibu 2014-2013 |
| 21063 OE Type Heated ZrO2 Sensor | | 21070 OE Type Heated ZrO2 Sensor | |
| L Length: 9 inches (228mm) 4 Lead Terminated | | L Length: 11 inches (278mm) 4 Lead Terminated | |
| Hummer | H3 2006 | Chevrolet | Orlando 2014-2012 |
| 21064 OE Type Heated ZrO2 Sensor | | 21071 OE Type Heated ZrO2 Sensor | |
| L Length: 15 inches (378mm) 4 Lead Terminated | | L Length: 14.75 inches (375mm) 4 Lead Terminated | |
| Buick | Allure 2010 Enclave 2008 LaCrosse 2010 Regal 2011 | Buick | Envision 2018-2016 Regal 2017-2014 |
| Chevrolet | Captiva Sport 2010-2008 Equinox 2010 Malibu 2012-2008 | Chevrolet | Equinox 2018 Impala 2018-2014 Malibu 2018-2013 Malibu Limited 2016 Traverse 2018 |
| GMC | Acadia 2008-2007 Terrain 2010 | GMC | Acadia 2018-2017 Terrain 2018 |
| Pontiac | G6 2010-2008 Solstice 2009-2008 | | |
| Saturn | Aura 2010-2007 Outlook 2008-2007 Sky 2010-2008 Vue 2010-2008 | | |
| 21065 OE Type Heated ZrO2 Sensor | | 21072 OE Type Heated ZrO2 Sensor | |
| L Length: 15 inches (378mm) 4 Lead Terminated | | L Length: 10.75 inches (275mm) 4 Lead Terminated | |
| Chevrolet | Silverado 1500 2013-2008 | Cadillac | ATS 2017-2013 CT6 2016 CTS 2016-2014 |
| GMC | Sierra 1500 2013-2008 | Chevrolet | Camaro 2016 Colorado 2016-2015 |
| Hummer | H2 2008 | GMC | Canyon 2016-2015 |
| 21066 OE Type Heated ZrO2 Sensor | | 21074 OE Type Heated ZrO2 Sensor | |
| L Length: 15 inches (378mm) 4 Lead Terminated | | L Length: 10.25 inches (260mm) 4 Lead Terminated | |
| Cadillac | Escalade 2014-2008 Escalade ESV 2014-2008 Escalade EXT 2013-2008 | Chevrolet | Corvette 2016-2014 |
| Chevrolet | Avalanche 2013-2008 Camaro 2015-2010 Caprice 2017-2014 Corvette 2013-2008 Silverado 1500 2013-2008 Silverado 2500 HD 2015-2008 Silverado 3500 HD 2015-2008 SS 2017-2014 Suburban 1500 2014-2008 Suburban 2500 2013-2008 Tahoe 2014-2008 | | |
| GMC | Sierra 1500 2013-2008 Sierra 2500 HD 2015-2008 Sierra 3500 HD 2015-2008 Yukon 2014-2008 Yukon XL 1500 2014-2008 Yukon XL 2500 2013-2008 | | |
| 21067 OE Type Heated ZrO2 Sensor | | 21075 OE Type Heated ZrO2 Sensor | |
| L Length: 15 inches (378mm) 4 Lead Terminated | | L Length: 13.25 inches (335mm) 4 Lead Terminated | |
| Buick | Regal 2013-2011 Verano 2016-2012 | Cadillac | Escalade 2018-2015 Escalade ESV 2018-2015 |
| Chevrolet | Express 3500 2013-2011 Express 4500 2013-2011 | Chevrolet | Express 2500 2017-2016 Express 3500 2017-2016 Express 4500 2016 Silverado 1500 2018-2014 Silverado 2500 HD 2018-2016 Silverado 3500 HD 2018-2016 Suburban 2018-2015 Suburban 3500 HD 2018-2016 Tahoe 2018-2015 |
| GMC | Savana 3500 2013-2011 Savana 4500 2013-2011 | GMC | Savana 2500 2017-2016 Savana 3500 2017-2016 Savana 4500 2016 Sierra 1500 2018-2014 Sierra 2500 HD 2018-2016 Sierra 3500 HD 2018-2016 Yukon 2018-2015 Yukon XL 2018-2015 |
| Saab | 9-5 2011 | | |
| 21076 OE Type Heated ZrO2 Sensor | | 21076 OE Type Heated ZrO2 Sensor | |
| L Length: 15 inches (378mm) 4 Lead Terminated | | L Length: 13 inches (330mm) 4 Lead Terminated | |
| Buick | Regal 2013-2011 Verano 2016-2012 | Chevrolet | Express 3500 2015-2013 Express 4500 2015-2013 |
| Chevrolet | Express 3500 2013-2011 Express 4500 2013-2011 | GMC | Savana 3500 2015-2013 Savana 4500 2015-2013 |
| GMC | Savana 3500 2013-2011 Savana 4500 2013-2011 | | |
| Saab | 9-5 2011 | | |



| 21077 OE Type Heated ZrO2 Sensor | | |
|---|--------|-------------------|
| L Length: 10.25 inches (260mm) | | 4 Lead Terminated |
| Cadillac | ATS | 2017-2016 |
| | CT6 | 2018-2016 |
| | CTS | 2017-2016 |
| Chevrolet | Camaro | 2017-2016 |

| 21078 OE Type Heated ZrO2 Sensor | | |
|---|--------|-------------------|
| L Length: 17.25 inches (440mm) | | 4 Lead Terminated |
| Buick | Verano | 2017-2015 |

| 21079 OE Type Heated ZrO2 Sensor | | |
|---|--------|-------------------|
| L Length: 12.25 inches (310mm) | | 4 Lead Terminated |
| Cadillac | ATS | 2017-2016 |
| | CT6 | 2018-2016 |
| | CTS | 2017-2016 |
| Chevrolet | Camaro | 2017-2016 |

| 21080 OE Type Heated ZrO2 Sensor | | |
|---|---------|-------------------|
| L Length: 11 inches (280mm) | | 4 Lead Terminated |
| Buick | Cascade | 2018-2016 |
| Chevrolet | Malibu | 2018-2016 |

| 21081 OE Type Heated ZrO2 Sensor | | |
|---|--------|-------------------|
| L Length: 14.75 inches (375mm) | | 4 Lead Terminated |
| Cadillac | CTS | 2016 |
| Chevrolet | Camaro | 2016 |

| 21082 OE Type Heated ZrO2 Sensor | | |
|---|----------|-------------------|
| L Length: 10.25 inches (260mm) | | 4 Lead Terminated |
| Buick | LaCrosse | 2018-2017 |
| Chevrolet | Volt | 2018 |

| 21083 OE Type Heated ZrO2 Sensor | | |
|---|--------|-------------------|
| L Length: 14.75 inches (375mm) | | 4 Lead Terminated |
| Cadillac | CTS | 2018-2017 |
| Chevrolet | Camaro | 2018-2017 |

| 21084 OE Type Heated ZrO2 Sensor | | |
|---|----------|-------------------|
| L Length: 12.25 inches (310mm) | | 4 Lead Terminated |
| Buick | Enclave | 2018 |
| Cadillac | XT5 | 2018-2017 |
| Chevrolet | Colorado | 2018-2017 |
| | Traverse | 2018 |
| GMC | Acadia | 2018-2017 |
| | Canyon | 2018-2017 |

| 21085 OE Type Heated ZrO2 Sensor | | |
|---|----------|-------------------|
| L Length: 10.25 inches (260mm) | | 4 Lead Terminated |
| Chevrolet | Corvette | 2018-2017 |

| 21086 OE Type Heated ZrO2 Sensor | | |
|---|----------|-------------------|
| L Length: 8.75 inches (225mm) | | 4 Lead Terminated |
| Buick | LaCrosse | 2018 |
| Cadillac | ATS | 2018 |
| | CT6 | 2018-2017 |
| | CTS | 2018-2017 |
| Chevrolet | Camaro | 2018-2017 |
| | Colorado | 2018-2017 |
| GMC | Canyon | 2018-2017 |

| 21087 OE Type Heated ZrO2 Sensor | | |
|---|--------|-------------------|
| L Length: 10.25 inches (260mm) | | 4 Lead Terminated |
| Cadillac | ATS | 2019-2018 |
| | CTS | 2018 |
| Chevrolet | Camaro | 2018 |

| 21088 OE Type Heated ZrO2 Sensor | | |
|---|--------|-------------------|
| L Length: 12.25 inches (310mm) | | 4 Lead Terminated |
| Cadillac | ATS | 2019-2018 |
| | CTS | 2018 |
| Chevrolet | Camaro | 2018 |

| 21500 OE Type Unheated ZrO2 Sensor | | |
|---|----------|-------------------|
| L Length: 7 inches (175mm) | | 1 Lead Terminated |
| Cadillac | Eldorado | 1980-1979 |
| | Seville | 1980-1979 |

| 21502 OE Type Unheated ZrO2 Sensor | | |
|---|-----|-------------------|
| L Length: 5.5 inches (140mm) | | 1 Lead Terminated |
| Saturn | SC | 1992-1991 |
| | SC1 | 1994-1993 |
| | SC2 | 1994-1993 |
| | SL | 1994-1991 |
| | SL1 | 1994-1991 |
| | SL2 | 1994-1991 |
| | SW1 | 1994-1993 |
| | SW2 | 1994-1993 |

| 21503 OE Type Unheated ZrO2 Sensor | | |
|---|-----|-------------------|
| L Length: 5.5 inches (140mm) | | 1 Lead Terminated |
| Saturn | SC2 | 1994 |
| | SL2 | 1994 |
| | SW2 | 1994 |

| 21504 OE Type Unheated ZrO2 Sensor | | |
|---|----------|-------------------|
| L Length: 12.5 inches (320mm) | | 2 Lead Terminated |
| Chevrolet | Camaro | 2000-1998 |
| Pontiac | Firebird | 2000-1998 |

| 21506 OE Type Heated ZrO2 Sensor | | |
|---|----------|-------------------|
| L Length: 12.5 inches (315mm) | | 4 Lead Terminated |
| Cadillac | Allante | 1993 |
| | DeVille | 1995-1994 |
| | Eldorado | 1995-1993 |
| | Seville | 1995-1993 |
| Oldsmobile | Aurora | 1995 |

| 21507 OE Type Heated ZrO2 Sensor | | |
|---|--------------|-------------------|
| L Length: 12.75 inches (325mm) | | 4 Lead Terminated |
| Chevrolet | Tracker | 2003-1999 |
| Suzuki | Grand Vitara | 2001 |
| | Vitara | 2003-1999 |
| | XL-7 | 2006-2002 |

| 21508 OE Type Heated ZrO2 Sensor | | |
|---|-----------|-------------------|
| L Length: 20.5 inches (520mm) | | 4 Lead Terminated |
| Asuna | Sunrunner | 1993 |
| Chevrolet | Tracker | 1998 |
| Geo | Tracker | 1997-1993 |
| Pontiac | Sunrunner | 1997-1994 |
| Suzuki | Esteem | 2002-1995 |
| | Sidekick | 1998-1993 |
| | X-90 | 1998-1996 |

| 21509 OE Type Heated ZrO2 Sensor | | |
|---|-----------|-------------------|
| L Length: 23.75 inches (605mm) | | 4 Lead Terminated |
| Chevrolet | Tracker | 2000-1998 |
| Geo | Tracker | 1997-1996 |
| Pontiac | Sunrunner | 1997-1996 |
| Suzuki | Sidekick | 1998-1996 |
| | Vitara | 2000-1999 |
| | X-90 | 1998-1996 |

| 21510 OE Type Heated ZrO2 Sensor | | |
|---|-------------------|-------------------|
| L Length: 21.75 inches (550mm) | | 4 Lead Terminated |
| Chevrolet | Silverado 1500 HD | 2001 |
| | Silverado 2500 | 2001-1999 |
| | Silverado 2500 HD | 2001 |
| | Silverado 3500 | 2001 |
| | Suburban 2500 | 2001-2000 |
| | | |
| GMC | Sierra 1500 | 2001 |
| | Sierra 1500 HD | 2001 |
| | Sierra 2500 | 2001-1999 |
| | Sierra 2500 HD | 2001 |
| | Sierra 3500 | 2001 |



| 21510 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------------|----------------------------|--|
| L Length: 21.75 inches (550mm) | | 4 Lead Terminated | |
| GMC | Yukon XL 1500 | 2001 | |
| | Yukon XL 2500 | 2001-2000 | |

| 21511 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|-----------|----------------------------|--|
| L Length: 24 inches (610mm) | | 4 Lead Terminated | |
| Mitsubishi | Eclipse | 2000 | |
| | Mirage | 2000-1997 | |
| | Outlander | 2003 | |

| 21512 | | OE Type Heated ZrO2 Sensor | |
|-------------------------------|-----------|----------------------------|--|
| L Length: 18.5 inches (470mm) | | 4 Lead Terminated | |
| Chrysler | Sebring | 2005-2001 | |
| Dodge | Stratus | 2005-2001 | |
| Mitsubishi | Diamante | 2004-1999 | |
| | Eclipse | 2012-2000 | |
| | Endeavor | 2008-2004 | |
| | Endeavor | 2011-2010 | |
| | Galant | 2009-1999 | |
| | Lancer | 2007-2002 | |
| | Mirage | 2002-1998 | |
| | Outlander | 2013-2007 | |

| 21513 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------|----------------------------|--|
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | |
| Buick | Allure | 2009-2008 | |
| | LaCrosse | 2009-2008 | |

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|----------|--------------|------|--|
| Cadillac | Escalade | 2002 | |
| | Escalade EXT | 2002 | |

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|-----------|-------------------|-----------|--|
| Chevrolet | Avalanche 2500 | 2002 | |
| | C2500 | 2000 | |
| | C3500 | 2000 | |
| | C3500HD | 2000 | |
| | Express 3500 | 2002-2001 | |
| | K2500 | 2000 | |
| | K3500 | 2000 | |
| | Silverado 1500 HD | 2002-2001 | |
| | Silverado 2500 | 2002-2001 | |
| | Silverado 2500 HD | 2002-2001 | |
| | Silverado 3500 | 2002-2001 | |
| | Suburban 2500 | 2002-2001 | |

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|---------------|----------------|-----------|--|
| GMC | C2500 | 2000 | |
| | C3500 | 2000 | |
| | C3500HD | 2000 | |
| | K2500 | 2000 | |
| | K3500 | 2000 | |
| | Savana 3500 | 2002-2001 | |
| | Sierra 1500 | 2002-2001 | |
| | Sierra 1500 HD | 2002-2001 | |
| | Sierra 2500 | 2002-2001 | |
| | Sierra 2500 HD | 2002-2001 | |
| | Sierra 3500 | 2002-2001 | |
| | Yukon | 2002-2001 | |
| | Yukon XL 1500 | 2002-2001 | |
| Yukon XL 2500 | 2002-2001 | | |
| Pontiac | Grand Prix | 2008 | |

| 21514 | | OE Type Heated ZrO2 Sensor | |
|-------|--|----------------------------|--|
|-------|--|----------------------------|--|

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|-----------------------------|--------------|-------------------|--|
| L Length: 18 inches (460mm) | | 4 Lead Terminated | |
| Cadillac | CTS | 2005-2004 | |
| | CTS | 2007 | |
| | DeVille | 2005-2000 | |
| | Eldorado | 2002-2000 | |
| | Escalade | 2006-2003 | |
| | Escalade ESV | 2006-2003 | |
| | Escalade EXT | 2006-2003 | |
| Chevrolet | Express 1500 | 2007-2003 | |
| | Express 2500 | 2007-2003 | |

| 21514 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
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|-----------------------------|---------------------------|---------------------|-----------|--|
| L Length: 18 inches (460mm) | | 4 Lead Terminated | | |
| Chevrolet | Express 3500 | 2007-2003 | | |
| | Malibu | 2007-2004 | | |
| | Silverado 1500 | 2007-2003 | | |
| | Silverado 1500 Classic | 2007 | | |
| | Silverado 1500 HD | 2003-2002 | | |
| | Silverado 1500 HD | 2006-2005 | | |
| | Silverado 1500 HD Classic | 2007 | | |
| | Silverado 2500 | 2004-2002 | | |
| | Silverado 2500 HD | 2007-2002 | | |
| | Silverado 2500 HD Classic | 2007 | | |
| | Silverado 3500 | 2006-2002 | | |
| | Silverado 3500 Classic | 2007 | | |
| | Silverado 3500 HD | 2007 | | |
| | Suburban 1500 | 2006 | | |
| | Suburban 2500 | 2006-2002 | | |
| | Tahoe | 2005-2003 | | |
| | GMC | Savana 1500 | 2007-2003 | |
| | | Savana 2500 | 2007-2003 | |
| | | Savana 3500 | 2007-2003 | |
| | | Sierra 1500 | 2007-2002 | |
| | | Sierra 1500 Classic | 2007 | |
| | | Sierra 1500 HD | 2003-2002 | |
| | | Sierra 1500 HD | 2006-2005 | |
| Sierra 1500 HD Classic | | 2007 | | |
| Sierra 2500 | | 2004-2002 | | |
| Sierra 2500 HD | | 2007-2002 | | |
| Sierra 2500 HD Classic | | 2007 | | |
| Sierra 3500 | | 2006-2002 | | |
| Sierra 3500 Classic | | 2007 | | |
| Sierra 3500 HD | 2007 | | | |
| Yukon | 2006-2003 | | | |
| Yukon XL 1500 | 2006-2002 | | | |
| Yukon XL 2500 | 2006-2002 | | | |
| Hummer | H2 | 2006-2003 | | |
| Pontiac | Bonneville | 2005-2004 | | |
| | G6 | 2007-2005 | | |
| Saturn | Aura | 2007 | | |

| 21516 | | OE Type Heated ZrO2 Sensor | |
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|--------------------------------|----------------|-------------------|-----------|--|
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | | |
| Buick | Century | 2005-2001 | | |
| | Rendezvous | 2005-2002 | | |
| Cadillac | DeVille | 2003-2000 | | |
| | Eldorado | 2002-2000 | | |
| | Escalade | 2002 | | |
| | Seville | 2003-2000 | | |
| Chevrolet | Astro | 2002-2000 | | |
| | Avalanche 1500 | 2002 | | |
| | Blazer | 2005-2002 | | |
| | Impala | 2005-2001 | | |
| | Malibu | 2003-2001 | | |
| | Monte Carlo | 2005-2001 | | |
| | S10 | 2004-2002 | | |
| | Silverado 1500 | 2002-2000 | | |
| | Silverado 2500 | 2000 | | |
| | Suburban 1500 | 2002-2000 | | |
| | Tahoe | 2002-2000 | | |
| | Venture | 2005-2001 | | |
| | GMC | Jimmy | 2005-2002 | |
| | | Safari | 2002-2000 | |
| | | Sierra 1500 | 2002-2000 | |
| Sierra 2500 | | 2000 | | |
| Sonoma | | 2004-2002 | | |
| Yukon | Yukon | 2002-2000 | | |
| | Yukon XL 1500 | 2002-2000 | | |
| Honda | Passport | 2002 | | |



21516 (Cont'd) OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|-------------|-------------------|
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated |
| Isuzu | Axiom | 2004 |
| | Rodeo | 2004-2002 |
| | Rodeo Sport | 2003-2002 |
| Oldsmobile | Alero | 2004-2001 |
| | Aurora | 2003-2001 |
| | Intrigue | 2002-2000 |
| | Silhouette | 2004-2001 |
| Pontiac | Aztek | 2005-2001 |
| | Grand Am | 2005-2001 |
| | Grand Prix | 2003-2001 |
| | Montana | 2005-2001 |

21517 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|-------------|-------------------|
| L Length: 12.25 inches (310mm) | | 4 Lead Terminated |
| Buick | Allure | 2009-2005 |
| | LaCrosse | 2009-2005 |
| | LeSabre | 2005-2004 |
| | Lucerne | 2008-2006 |
| | Park Avenue | 2005-2004 |
| | Regal | 2004 |
| Chevrolet | Astro | 1999-1998 |
| | Impala | 2005-2004 |
| | Monte Carlo | 2005-2004 |
| GMC | Safari | 1999-1998 |
| Pontiac | Bonneville | 2005-2004 |
| | Grand Prix | 2008-2004 |

21518 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|-------------------|-------------------|
| L Length: 21.75 inches (550mm) | | 4 Lead Terminated |
| Chevrolet | Avalanche 2500 | 2002 |
| | Silverado 2500 HD | 2002-2001 |
| | Silverado 3500 | 2002-2001 |
| | Suburban 2500 | 2002-2001 |
| | Sierra 2500 HD | 2002-2001 |
| GMC | Sierra 3500 | 2002-2001 |
| | Yukon XL 2500 | 2002-2001 |

21519 OE Type Heated ZrO2 Sensor

| | | |
|------------------------------|----------|-------------------|
| L Length: 56 inches (1425mm) | | 4 Lead Terminated |
| Chevrolet | Cavalier | 2001-1998 |
| Pontiac | Sunfire | 2001-1998 |

21521 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|--------|-------------------|
| L Length: 14.75 inches (375mm) | | 4 Lead Terminated |
| Cadillac | Catera | 2001-1999 |

21523 OE Type Heated ZrO2 Sensor

| | | |
|---------------------------------|----------|-------------------|
| L Length: 49.25 inches (1250mm) | | 4 Lead Terminated |
| Pontiac | Grand Am | 2005 |

21524 OE Type Heated ZrO2 Sensor

| | | |
|-----------------------------|---------|-------------------|
| L Length: 25 inches (635mm) | | 4 Lead Terminated |
| Chevrolet | Metro | 2001-1998 |
| | Tracker | 2000-1999 |
| Geo | Metro | 1997-1996 |
| Pontiac | Firefly | 2000-1996 |
| Suzuki | Swift | 2001-1996 |
| | Vitara | 2000-1999 |

21525 OE Type Heated ZrO2 Sensor

| | | |
|-------------------------------|--------------|-------------------|
| L Length: 28.5 inches (725mm) | | 4 Lead Terminated |
| Chevrolet | Tracker | 2003-2001 |
| Suzuki | Grand Vitara | 2001 |
| | Vitara | 2003-2001 |
| | XL-7 | 2006-2002 |

21527 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|---------|-------------------|
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated |
| Chevrolet | Metro | 2001-1998 |
| | Tracker | 2000-1999 |
| Geo | Metro | 1997-1994 |

21527 (Cont'd) OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|---------|-------------------|
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated |
| Pontiac | Firefly | 2000-1994 |
| Suzuki | Swift | 2001-1994 |
| | Vitara | 2000-1999 |

21528 OE Type Heated ZrO2 Sensor

| | | | |
|-------------------------------|-------------|-------------------|-----------|
| L Length: 12.5 inches (320mm) | | 4 Lead Terminated | |
| Buick | Century | 2004-1996 | |
| | LeSabre | 2003-1996 | |
| | Park Avenue | 2003-1996 | |
| | Regal | 2003-1996 | |
| | Rendezvous | 2004-2002 | |
| | Riviera | 1999-1996 | |
| Chevrolet | Camaro | 2002-1996 | |
| | Impala | 2004-2000 | |
| | Lumina | 2001-1996 | |
| | Lumina APV | 1996 | |
| | Monte Carlo | 2004-1996 | |
| | S10 | 2003-1997 | |
| | Venture | 2004-1997 | |
| | GMC | Sonoma | 2003-1997 |
| | Isuzu | Hombre | 2000-1997 |
| | Oldsmobile | 88 | 1999-1996 |
| 98 | | 1996 | |
| Aurora | | 1999-1996 | |
| Cutlass Ciera | | 1996 | |
| Cutlass Supreme | | 1997-1996 | |
| Intrigue | | 1999-1998 | |
| LSS | | 1999-1996 | |
| Regency | | 1998-1997 | |
| Silhouette | | 2004-1996 | |
| Pontiac | | Aztek | 2004-2001 |
| | | Bonneville | 2003-1996 |
| | | Firebird | 2002-1996 |
| | | Grand Prix | 2003-1996 |
| | | Montana | 2004-1999 |
| | | Trans Sport | 1999-1996 |

21529 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|--------|-------------------|
| L Length: 16.75 inches (425mm) | | 4 Lead Terminated |
| Cadillac | Catera | 1998-1997 |

21530 OE Type Heated ZrO2 Sensor

| | | |
|-------------------------------|-------|-------------------|
| L Length: 27.5 inches (700mm) | | 4 Lead Terminated |
| Saturn | L100 | 2001 |
| | L200 | 2001 |
| | LS | 2000 |
| | LS1 | 2000 |
| | LW1 | 2000 |
| | LW200 | 2001 |

21531 OE Type Heated ZrO2 Sensor

| | | |
|---------------------------------|-------|-------------------|
| L Length: 41.25 inches (1045mm) | | 4 Lead Terminated |
| Saab | 9-3 | 2011-2000 |
| | 9-3X | 2011-2010 |
| | 9-5 | 2010-2000 |
| Saturn | L300 | 2005-2001 |
| | LS2 | 2000 |
| | LW2 | 2000 |
| | LW300 | 2003-2001 |
| Volvo | S80 | 2002-2000 |

21535 OE Type Heated ZrO2 Sensor

| | | |
|-------------------------------|--------|-------------------|
| L Length: 23.5 inches (600mm) | | 4 Lead Terminated |
| Cadillac | Catera | 1998-1997 |

21536 OE Type Heated ZrO2 Sensor

| | | |
|---------------------------------|---------|-------------------|
| L Length: 72.75 inches (1850mm) | | 4 Lead Terminated |
| Chevrolet | Beretta | 1996 |
| | Corsica | 1996 |



| 21537 OE Type Heated ZrO2 Sensor | | 21539 (Cont'd) OE Type Heated ZrO2 Sensor | | |
|--|--------------------------|--|---|--------------------------|
| L Length: 45 inches (1140mm) 4 Lead Terminated | | L Length: 15.25 inches (390mm) 4 Lead Terminated | | |
| Chevrolet | Corvette 2003-1997 | GMC | C2500 Suburban 1999-1996 | |
| | Malibu 2003-1997 | | C3500 2000-1996 | |
| Oldsmobile | Alero 2004-1999 | | C3500HD 2000-1996 | |
| | Cutlass 1997 | | G3500 1996 | |
| | Cutlass 1999 | | K1500 1999-1996 | |
| Pontiac | Grand Am 2004-1999 | | K1500 Suburban 1999-1996 | |
| | | | K2500 2000-1996 | |
| 21538 OE Type Heated ZrO2 Sensor | | | K2500 Suburban 1999-1996 | |
| L Length: 27.75 inches (705mm) 4 Lead Terminated | | | K3500 2000-1996 | |
| Saturn | SC1 1999-1996 | | P3500 1999-1996 | |
| | SC2 1999-1996 | | Safari 1997-1996 | |
| | SL 1999-1996 | | Savana 1500 2002-1996 | |
| | SL1 1999-1996 | | Savana 2500 2002-1996 | |
| | SL2 1999-1996 | | Savana 3500 2002-1996 | |
| | SW1 1999-1996 | | Sierra 1500 2002-1999 | |
| | SW2 1999-1996 | | Sierra 1500 HD 2001 | |
| 21539 OE Type Heated ZrO2 Sensor | | | Sierra 2500 2001-1999 | |
| L Length: 15.25 inches (390mm) 4 Lead Terminated | | | Sierra 2500 HD 2001 | |
| Buick | Century 2000-1997 | | Sierra 3500 2001 | |
| | LeSabre 2003-1997 | Yukon 2002-1996 | | |
| | Park Avenue 2003-1997 | Yukon XL 1500 2002-2000 | | |
| | Regal 2003-1997 | Yukon XL 2500 2001-2000 | | |
| | Riviera 1999-1997 | Oldsmobile 88 1999-1997 | | |
| | Skylark 1998-1997 | Achieva 1998-1997 | | |
| Cadillac | DeVille 1999-1996 | Alero 2000-1999 | | |
| | Eldorado 1999-1996 | Aurora 1999-1996 | | |
| | Escalade 2000-1999 | Cutlass 1999-1997 | | |
| | Escalade 2002 | Cutlass Supreme 1997 | | |
| | Escalade EXT 2002 | Intrigue 1999-1998 | | |
| Chevrolet | Seville 1999-1996 | LSS 1999-1997 | | |
| | Astro 1997-1996 | Regency 1998-1997 | | |
| | Avalanche 1500 2002 | Silhouette 2000-1997 | | |
| | C1500 1999-1996 | Pontiac Bonneville 2003-1997 | | |
| | C1500 Suburban 1999-1996 | Firebird 2002-1997 | | |
| | C2500 2000-1996 | Grand Am 2000-1997 | | |
| | C2500 Suburban 1999-1996 | Grand Prix 2003-1997 | | |
| | C3500 2000-1996 | Montana 2000-1999 | | |
| | C3500HD 2000-1996 | Trans Sport 1999-1997 | | |
| | Camaro 2002-1997 | 21541 OE Type Heated ZrO2 Sensor | | |
| | Express 1500 2002-1996 | L Length: 15.25 inches (390mm) 3 Lead Terminated | | |
| | Express 2500 2002-1996 | Asuna Sunrunner 1993-1992 | | |
| | Express 3500 2002-1996 | Chevrolet | Caprice 1985 | |
| | G30 1996 | | El Camino 1985 | |
| | Impala 2003-2000 | | Impala 1985 | |
| | K1500 1999-1996 | | Monte Carlo 1985 | |
| | K1500 Suburban 1999-1996 | | Tracker 1991 | |
| | K2500 2000-1996 | Geo | Storm 1991-1990 | |
| | K2500 Suburban 1999-1996 | | Tracker 1995-1991 | |
| | K3500 2000-1996 | GMC | Caballero 1985 | |
| | Lumina 2001-1997 | | Tracker 1991 | |
| | Malibu 2000-1997 | Honda | Passport 1995-1994 | |
| | Monte Carlo 2003-1997 | | Isuzu | Amigo 1994-1993 |
| | P30 1999-1996 | Impulse 1992-1990 | | |
| | Silverado 1500 2002-1999 | Pickup 1995-1993 | | |
| | Silverado 1500 HD 2001 | Rodeo 1995-1993 | | |
| | Silverado 2500 2001-1999 | Stylus 1991 | | |
| | Silverado 2500 HD 2001 | Pontiac | Parisienne 1985 | |
| | Silverado 3500 2001 | | Sunrunner 1995-1994 | |
| | Suburban 1500 2002-2000 | Suzuki | Sidekick 1995-1991 | |
| | Suburban 2500 2001-2000 | | 21543 OE Type Heated ZrO2 Sensor | |
| | Tahoe 2002-1996 | L Length: 14.75 inches (375mm) 4 Lead Terminated | | |
| | Venture 2000-1997 | Chevrolet | C1500 1999-1996 | |
| | GMC | | C1500 Suburban 1999-1996 | C1500 Suburban 1999-1996 |
| | | | C2500 2000-1996 | C2500 2000-1996 |



| 21543 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------------|----------------------------|-----------|
| L Length: 14.75 inches (375mm) | | 4 Lead Terminated | |
| Chevrolet | C2500 Suburban | 1999-1996 | |
| | C3500 | 2000-1996 | |
| | C3500HD | 1999-1996 | |
| | Express 1500 | 2002-1996 | |
| | Express 2500 | 2002-1996 | |
| | Express 3500 | 2002-1996 | |
| | G30 | 1996 | |
| | K1500 | 1999-1996 | |
| | K1500 Suburban | 1999-1996 | |
| | K2500 | 2000-1996 | |
| | K2500 Suburban | 1999-1996 | |
| | K3500 | 2000-1996 | |
| | P30 | 1999-1996 | |
| | Silverado 2500 | 2000-1999 | |
| | Suburban 2500 | 2000 | |
| | Tahoe | 1999-1996 | |
| | GMC | C1500 | 1999-1996 |
| C1500 Suburban | | 1999-1996 | |
| C2500 | | 2000-1996 | |
| C2500 Suburban | | 1999-1996 | |
| C3500 | | 2000-1996 | |
| C3500HD | | 1999-1996 | |
| G3500 | | 1996 | |
| K1500 | | 1999-1996 | |
| K1500 Suburban | | 1999-1996 | |
| K2500 | | 2000-1996 | |
| K2500 Suburban | | 1999-1996 | |
| K3500 | | 2000-1996 | |
| P3500 | | 1999-1996 | |
| Savana 1500 | | 2002-1996 | |
| Savana 2500 | | 2002-1996 | |
| Savana 3500 | | 2002-1996 | |
| Sierra 2500 | | 2000-1999 | |
| Yukon | 1998-1996 | | |
| Yukon XL 2500 | 2000 | | |

| 21544 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------|----------------------------|--|
| L Length: 16.75 inches (425mm) | | 4 Lead Terminated | |
| Cadillac | DeVille | 1999-1996 | |
| | Eldorado | 1999-1996 | |
| | Seville | 1999-1996 | |
| Chevrolet | Camaro | 2002-1998 | |
| Pontiac | Firebird | 2002-1998 | |

| 21545 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-----------------|----------------------------|--|
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated | |
| Buick | Rainier | 2006 | |
| Chevrolet | Astro | 2005-2003 | |
| | Express 1500 | 2007-2003 | |
| | Express 2500 | 2007-2003 | |
| | Express 3500 | 2007-2003 | |
| | SSR | 2006 | |
| | Trailblazer | 2006 | |
| | Trailblazer EXT | 2006 | |
| GMC | Envoy | 2006 | |
| | Envoy XL | 2006 | |
| | Safari | 2005-2003 | |
| | Savana 1500 | 2007-2003 | |
| | Savana 2500 | 2007-2003 | |
| Savana 3500 | 2007-2003 | | |
| Isuzu | Ascender | 2006 | |
| Saab | 9-7x | 2006 | |

| 21546 | | OE Type Heated ZrO2 Sensor | |
|-------------------------------|---------|----------------------------|--|
| L Length: 16.5 inches (420mm) | | 4 Lead Terminated | |
| Buick | Allure | 2009-2005 | |
| | Enclave | 2008 | |

| 21546 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|-------------------------------|-------------------|----------------------------|------|
| L Length: 16.5 inches (420mm) | | 4 Lead Terminated | |
| Buick | LaCrosse | 2009-2005 | |
| | Lucerne | 2011-2007 | |
| | Rainier | 2005 | |
| | Rendezvous | 2007-2006 | |
| | Terraza | 2007-2005 | |
| Cadillac | CTS | 2015-2009 | |
| | DeVille | 2005-2004 | |
| | Escalade | 2005-2003 | |
| | Escalade | 2014-2008 | |
| | Escalade ESV | 2014-2008 | |
| | Escalade EXT | 2013-2008 | |
| | Seville | 2004 | |
| Chevrolet | Avalanche | 2013-2008 | |
| | Avalanche 1500 | 2005-2003 | |
| | Caprice | 2013-2011 | |
| | Captiva Sport | 2010-2008 | |
| | Cobalt | 2010-2005 | |
| | Corvette | 2004 | |
| | Equinox | 2009-2005 | |
| | HHR | 2011-2006 | |
| | Impala | 2011-2006 | |
| | Malibu | 2012-2004 | |
| | Monte Carlo | 2007-2006 | |
| | Silverado 1500 | 2005-2003 | |
| | Silverado 1500 | 2013-2007 | |
| | Silverado 2500 HD | 2010-2007 | |
| | Silverado 3500 HD | 2010-2007 | |
| | Spark | 2015-2013 | |
| | SSR | 2005 | |
| GMC | Suburban 1500 | 2005-2003 | |
| | Suburban 1500 | 2014-2008 | |
| | Suburban 2500 | 2013-2008 | |
| | Tahoe | 2005-2003 | |
| | Tahoe | 2014-2008 | |
| | Trailblazer EXT | 2005 | |
| | Uplander | 2009-2005 | |
| | Acadia | 2008-2007 | |
| | Envoy | 2005 | |
| | Envoy XL | 2005 | |
| | Envoy XUV | 2005 | |
| | Sierra 1500 | 2005-2003 | |
| | Sierra 1500 | 2013-2007 | |
| | Sierra 2500 HD | 2010-2007 | |
| | Sierra 3500 HD | 2010-2007 | |
| | Yukon | 2005-2003 | |
| | Yukon | 2014-2008 | |
| Yukon XL 1500 | 2005-2003 | | |
| Yukon XL 1500 | 2014-2008 | | |
| Yukon XL 2500 | 2013-2008 | | |
| Isuzu | Ascender | 2005 | |
| Pontiac | Bonneville | 2005-2004 | |
| | G5 | 2010-2007 | |
| | G6 | 2010-2005 | |
| | G8 | 2009-2008 | |
| | Grand Prix | 2008-2005 | |
| | GTO | 2006-2004 | |
| | Montana | 2009-2005 | |
| | Pursuit | 2006-2005 | |
| | Solstice | 2007-2006 | |
| | Torrent | 2009-2006 | |
| | Saab | 9-7x | 2005 |
| Saturn | Aura | 2009-2007 | |
| | Ion | 2007-2005 | |
| | Outlook | 2008-2007 | |
| | Relay | 2007-2005 | |



| 21546 (Cont'd) OE Type Heated ZrO2 Sensor | | 21549 (Cont'd) OE Type Heated ZrO2 Sensor | | | |
|--|--|---|---|---|--|
| L Length: 16.5 inches (420mm) 4 Lead Terminated | | L Length: 15 inches (380mm) 4 Lead Terminated | | | |
| Saturn | Sky 2007 Vue 2010-2006 | GMC | Sierra 2500 HD 2013-2003 Sierra 2500 HD Classic 2007 Sierra 3500 2006-2003 Sierra 3500 Classic 2007 Sierra 3500 HD 2015-2007 Yukon 2006-2003 Yukon XL 1500 2006-2003 Yukon XL 2500 2006-2003 | | |
| 21547 OE Type Heated ZrO2 Sensor | | 21550 OE Type Heated ZrO2 Sensor | | | |
| L Length: 21.75 inches (550mm) 4 Lead Terminated | | L Length: 67.75 inches (1720mm) 4 Lead Terminated | | | |
| Pontiac | Vibe 2008-2003 | Buick | Skylark 1998-1996 | | |
| Toyota | Corolla 2008-2003 Matrix 2008-2003 | Chevrolet | Cavalier 2002-1995 | | |
| 21548 OE Type Heated ZrO2 Sensor | | Oldsmobile | Achieva 1998-1996 Cutlass 1998 | | |
| L Length: 22.75 inches (580mm) 4 Lead Terminated | | Pontiac | Grand Am 1998-1996 Sunfire 2002-1995 | | |
| Cadillac | Escalade 2003 Escalade ESV 2006-2003 | 21551 OE Type Heated ZrO2 Sensor | | | |
| Chevrolet | Silverado 1500 HD 2003-2002 | L Length: 12.75 inches (325mm) 4 Lead Terminated | | | |
| | Silverado 1500 HD 2006-2005 | Buick | Regal 1994 | | |
| | Silverado 1500 HD Classic 2007 | 21553 OE Type Unheated ZrO2 Sensor | | | |
| | Silverado 2500 2004-2002 | L Length: 13.75 inches (350mm) 2 Lead Terminated | | | |
| | Silverado 2500 HD 2007-2002 | American Motors | Concord 1982-1980 Eagle 1982-1981 Spirit 1982-1980 | | |
| | Silverado 2500 HD Classic 2007 | Buick | Century 1981-1979 Electra 1981-1980 Estate Wagon 1981-1980 LeSabre 1981-1979 Regal 1981-1979 Riviera 1981-1979 Skyhawk 1980-1979 Skyhawk 1982 Skylark 1981-1979 | | |
| | Silverado 3500 2006-2002 | | Cadillac | 60 Special 1993 Allante 1992-1987 Commercial Chassis 1993-1980 DeVille 1984-1980 DeVille 1995-1988 Eldorado 1984-1980 Eldorado 1993-1987 Fleetwood 1984-1980 Fleetwood 1992-1986 Seville 1984-1980 Seville 1993-1988 | |
| | Silverado 3500 Classic 2007 | | Chevrolet | Bel Air 1981 Camaro 1981-1980 Caprice 1981-1980 Chevette 1981-1980 Citation 1981-1980 Corvette 1981-1980 El Camino 1981-1979 Impala 1981-1980 LUV 1981-1980 Malibu 1981-1979 Monte Carlo 1981-1979 Monza 1980-1979 | |
| | Silverado 3500 HD 2007 | | | Daewoo | Lanos 2002-1999 Leganza 2002-1999 Nubira 2002-1999 |
| | Suburban 2500 2006-2002 | | | GMC | Caballero 1981-1979 |
| GMC | Sierra 1500 2002 | | | Jeep | CJ5 1982-1980 CJ7 1982-1980 DJ5 1982-1980 |
| Sierra 1500 HD 2003 | Sierra 1500 HD Classic 2007 | | | | |
| Sierra 1500 HD 2006-2005 | Sierra 2500 2004-2003 | | | | |
| Sierra 1500 HD Classic 2007 | | | | | |
| Sierra 2500 2004-2003 | | | | | |
| 21549 OE Type Heated ZrO2 Sensor | | | | | |
| L Length: 15 inches (380mm) 4 Lead Terminated | | | | | |
| Cadillac | Escalade 2006-2003 Escalade ESV 2006-2003 Escalade EXT 2006-2003 | | | | |
| Chevrolet | Avalanche 2500 2006-2003 | | | | |
| | Camaro 2015-2010 | | | | |
| | Caprice 2017-2014 | | | | |
| | Corvette 2013-2009 | | | | |
| | Silverado 1500 2006-2003 | | | | |
| | Silverado 1500 Classic 2007 | | | | |
| | Silverado 1500 HD 2003 | | | | |
| | Silverado 1500 HD 2006-2005 | | | | |
| | Silverado 1500 HD Classic 2007 | | | | |
| | Silverado 2500 2004-2003 | | | | |
| | Silverado 2500 HD 2013-2003 | | | | |
| | Silverado 2500 HD Classic 2007 | | | | |
| | Silverado 3500 2006-2003 | | | | |
| | Silverado 3500 Classic 2007 | | | | |
| | Silverado 3500 HD 2015-2007 | | | | |
| SS 2017-2014 | | | | | |
| Suburban 1500 2006 | | | | | |
| Suburban 2500 2006-2003 | | | | | |
| GMC | Sierra 1500 2006-2003 | | | | |
| Sierra 1500 Classic 2007 | | | | | |
| Sierra 1500 HD 2003 | | | | | |
| Sierra 1500 HD 2006-2005 | | | | | |
| Sierra 1500 HD Classic 2007 | | | | | |
| Sierra 2500 2004-2003 | | | | | |



| 21553 (Cont'd) | | OE Type Unheated ZrO2 Sensor | |
|--------------------------------|-----------------|------------------------------|-----------|
| L Length: 13.75 inches (350mm) | | 2 Lead Terminated | |
| Jeep | Scrambler | 1982-1981 | |
| Oldsmobile | 98 | 1981-1979 | |
| | Custom Cruiser | 1981-1979 | |
| | Cutlass | 1981-1979 | |
| | Cutlass Calais | 1981-1979 | |
| | Cutlass Cruiser | 1981-1980 | |
| | Cutlass Salon | 1980-1979 | |
| | Cutlass Supreme | 1981-1979 | |
| | Delta 88 | 1981-1979 | |
| | Firenza | 1982 | |
| | Omega | 1981-1979 | |
| | Starfire | 1980-1979 | |
| | Toronado | 1981-1979 | |
| | Pontiac | Acadian | 1981-1980 |
| | | Bonneville | 1981-1979 |
| Catalina | | 1981-1979 | |
| Firebird | | 1981-1979 | |
| Grand Am | | 1980-1979 | |
| Grand LeMans | | 1981-1979 | |
| Grand Prix | | 1981-1979 | |
| J2000 | | 1982 | |
| Laurentian | | 1981-1979 | |
| LeMans | | 1981-1979 | |
| Parisienne | | 1981-1979 | |
| Phoenix | | 1981-1979 | |
| Sunbird | | 1980-1979 | |
| T1000 | | 1981 | |

| 21555 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------------------------|----------------------------|-----------|
| L Length: 21.75 inches (550mm) | | 4 Lead Terminated | |
| Buick | Allure | 2010 | |
| | LaCrosse | 2016-2010 | |
| | Regal | 2017-2011 | |
| | Verano | 2017-2012 | |
| Cadillac | SRX | 2009-2007 | |
| | STS | 2010-2007 | |
| Chevrolet | Avalanche 2500 | 2006-2003 | |
| | Corvette | 2013-2005 | |
| | Equinox | 2017-2015 | |
| | Express 3500 | 2015-2008 | |
| | Express 4500 | 2015-2009 | |
| | HHR | 2007-2006 | |
| | Impala | 2014 | |
| | Malibu | 2014-2009 | |
| | Orlando | 2014-2012 | |
| | Silverado 2500 HD | 2006-2003 | |
| | Silverado 2500 HD | 2015-2011 | |
| | Silverado 2500 HD Classic | 2007 | |
| | Silverado 3500 | 2006-2003 | |
| | Silverado 3500 Classic | 2007 | |
| | Silverado 3500 HD | 2015-2011 | |
| | Suburban 2500 | 2006-2003 | |
| | GMC | Savana 3500 | 2015-2008 |
| | | Savana 4500 | 2015-2009 |
| | | Sierra 2500 HD | 2006-2003 |
| | | Sierra 2500 HD | 2015-2011 |
| Sierra 2500 HD Classic | | 2007 | |
| Sierra 3500 | | 2006-2003 | |
| Sierra 3500 Classic | | 2007 | |
| Sierra 3500 HD | | 2015-2011 | |
| Terrain | | 2017-2015 | |
| Yukon XL 2500 | | 2006-2003 | |
| Pontiac | G6 | 2010-2009 | |
| Saab | 9-5 | 2011 | |
| Saturn | Aura | 2010-2009 | |

| 21556 | | OE Type Heated ZrO2 Sensor |
|-------------------------------|----------------|----------------------------|
| L Length: 20.5 inches (520mm) | | 4 Lead Terminated |
| Buick | Allure | 2008-2005 |
| | Allure | 2010 |
| | Enclave | 2011-2009 |
| | LaCrosse | 2008-2005 |
| | LaCrosse | 2016-2010 |
| | Rendezvous | 2006-2005 |
| Cadillac | CTS | 2004 |
| | ELR | 2016-2014 |
| | SRX | 2004 |
| | SRX | 2016-2010 |
| Chevrolet | XLR | 2005-2004 |
| | Captiva Sport | 2012-2011 |
| Chevrolet | Equinox | 2017-2010 |
| | Impala | 2013-2012 |
| | Impala Limited | 2016-2014 |
| | Traverse | 2011-2009 |
| GMC | Volt | 2015-2011 |
| | Acadia | 2011-2009 |
| GMC | Terrain | 2017-2010 |
| | Saab | 9-4X |
| Saturn | Outlook | 2010-2009 |

| 21558 | | OE Type Heated ZrO2 Sensor |
|-------------------------------|-----------------|----------------------------|
| L Length: 16.5 inches (420mm) | | 4 Lead Terminated |
| Buick | Lucerne | 2011-2006 |
| | Rainier | 2007-2006 |
| Cadillac | DTS | 2011-2006 |
| Chevrolet | Captiva Sport | 2008 |
| | Captiva Sport | 2015-2010 |
| | Equinox | 2014-2010 |
| | HHR | 2008 |
| | Malibu | 2010-2008 |
| | SSR | 2006 |
| Chevrolet | Trailblazer | 2009-2006 |
| | Trailblazer EXT | 2006 |
| GMC | Envoy | 2009-2006 |
| | Envoy XL | 2006 |
| GMC | Terrain | 2014-2010 |
| | Isuzu | Ascender |
| Pontiac | G6 | 2010-2008 |
| | Solstice | 2009-2008 |
| Saab | 9-7x | 2009-2006 |
| Saturn | Aura | 2009-2007 |
| | Sky | 2010-2008 |
| | Vue | 2010-2008 |

| 21559 | | OE Type Heated ZrO2 Sensor |
|-----------------------------|--------------|----------------------------|
| L Length: 17 inches (430mm) | | 4 Lead Terminated |
| Buick | Allure | 2009-2008 |
| | LaCrosse | 2009-2008 |
| | Lucerne | 2011-2006 |
| Cadillac | CTS | 2007-2006 |
| | DTS | 2011-2006 |
| | Escalade | 2007 |
| | Escalade ESV | 2007 |
| Cadillac | Escalade EXT | 2007 |
| | Chevrolet | Avalanche |
| Avalanche 1500 | | 2006 |
| Colorado | | 2012-2009 |
| Impala | | 2009-2006 |
| Monte Carlo | | 2007-2006 |
| Silverado 1500 | | 2013-2006 |
| Silverado 1500 Classic | | 2007 |
| Spark | | 2015-2013 |
| Suburban 1500 | | 2007-2006 |
| Suburban 2500 | | 2007 |



| | | | | | | | |
|--------------------------------|------------------------|-----------------------------------|--------------|--------------------------------|-----------------------------------|-----------------------------------|-----------|
| 21559 (Cont'd) | | OE Type Heated ZrO2 Sensor | | 21565 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
| L Length: 17 inches (430mm) | | 4 Lead Terminated | | L Length: 32.5 inches (825mm) | | 4 Lead Terminated | |
| Chevrolet | Tahoe | | 2007-2006 | Cadillac | STS | | 2010-2007 |
| GMC | Canyon | | 2012-2009 | | XLR | | |
| | Sierra 1500 | | 2013-2006 | 21566 | | OE Type Heated ZrO2 Sensor | |
| | Sierra 1500 Classic | | 2007 | L Length: 26.5 inches (675mm) | | 4 Lead Terminated | |
| | Yukon | | 2007-2006 | Cadillac | SRX | | 2009-2007 |
| | Yukon XL 1500 | | 2007-2006 | | STS | | |
| | Yukon XL 2500 | | 2007 | Chevrolet | Malibu | | 2012-2008 |
| Hummer | H2 | | 2009-2007 | Pontiac | G6 | | 2009-2008 |
| | H3 | | 2010-2008 | Saturn | Aura | | 2009-2008 |
| | H3T | | 2010-2009 | 21567 | | OE Type Heated ZrO2 Sensor | |
| Pontiac | Grand Prix | | 2008-2005 | L Length: 38.5 inches (975mm) | | 4 Lead Terminated | |
| 21560 | | OE Type Heated ZrO2 Sensor | | Cadillac | XLR | | 2009-2006 |
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | | 21568 | | OE Type Heated ZrO2 Sensor | |
| Buick | Lucerne | | 2011-2009 | L Length: 15.75 inches (400mm) | | 4 Lead Terminated | |
| Chevrolet | Avalanche 1500 | | 2006 | Chevrolet | Equinox | | 2009-2008 |
| | Express 1500 | | 2014-2007 | | Impala | | 2011-2008 |
| | Express 2500 | | 2015-2008 | | Malibu | | 2012-2008 |
| | Express 3500 | | 2015-2008 | | Uplander | | 2009-2008 |
| | Silverado 1500 | | 2006 | | Pontiac | G6 | |
| | Silverado 1500 Classic | | 2007 | Montana | | | 2009-2008 |
| | Suburban 1500 | | 2006 | Torrent | | | 2009-2008 |
| | Tahoe | | 2006 | Saturn | Aura | | 2009-2008 |
| GMC | Savana 1500 | | 2014-2007 | Vue | | 2010-2008 | |
| | Savana 2500 | | 2015-2008 | 21569 | | OE Type Heated ZrO2 Sensor | |
| | Savana 3500 | | 2015-2008 | L Length: 13.75 inches (350mm) | | 4 Lead Terminated | |
| | Sierra 1500 | | 2006 | Cadillac | CTS | | 2014-2008 |
| | Sierra 1500 Classic | | 2007 | | STS | | 2011-2008 |
| | Yukon | | 2006 | Chevrolet | Camaro | | 2015-2010 |
| Yukon XL 1500 | | 2006 | 21571 | | OE Type Heated ZrO2 Sensor | | |
| 21561 | | OE Type Heated ZrO2 Sensor | | L Length: 12.75 inches (325mm) | | 4 Lead Terminated | |
| L Length: 19.75 inches (500mm) | | 4 Lead Terminated | | Buick | Enclave | | 2017-2012 |
| Buick | Rainier | | 2007-2006 | Cadillac | ATS | | 2019-2013 |
| Cadillac | STS | | 2009-2006 | | CTS | | 2018-2004 |
| Chevrolet | Colorado | | 2012-2006 | | SRX | | 2009-2005 |
| | Trailblazer | | 2009-2006 | | STS | | 2011-2005 |
| | Trailblazer EXT | | 2006 | | XTS | | 2018-2013 |
| GMC | Canyon | | 2012-2006 | Chevrolet | Camaro | | 2015-2010 |
| | Envoy | | 2009-2006 | | Caprice | | 2017-2012 |
| Envoy XL | | 2006 | Colorado | | | 2016-2015 | |
| Hummer | H3 | | 2010-2006 | | Equinox | | 2009-2008 |
| | H3T | | 2010-2009 | | Impala | | 2018-2014 |
| Isuzu | Ascender | | 2008-2006 | | Traverse | | 2017-2012 |
| | i-280 | | 2006 | | GMC | Acadia | |
| | i-290 | | 2008-2007 | Acadia Limited | | | 2017 |
| | i-350 | | 2006 | Canyon | | | 2016-2015 |
| | i-370 | | 2008-2007 | Pontiac | Torrent | | 2009-2008 |
| Saab | 9-7x | | 2009-2006 | Suzuki | XL-7 | | 2009-2007 |
| 21562 | | OE Type Heated ZrO2 Sensor | | 21572 | | OE Type Heated ZrO2 Sensor | |
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | | L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Pontiac | Solstice | | 2008-2007 | Pontiac | G8 | | 2009-2008 |
| Saturn | Sky | | 2008-2007 | 21574 | | OE Type Heated ZrO2 Sensor | |
| 21563 | | OE Type Heated ZrO2 Sensor | | L Length: 15.75 inches (400mm) | | 4 Lead Terminated | |
| L Length: 31.5 inches (800mm) | | 4 Lead Terminated | | Cadillac | ATS | | 2019-2013 |
| Cadillac | XLR | | 2006-2005 | | CTS | | 2018-2010 |
| 21564 | | OE Type Heated ZrO2 Sensor | | Chevrolet | Camaro | | 2015-2010 |
| L Length: 26.5 inches (675mm) | | 4 Lead Terminated | | 21575 | | OE Type Heated ZrO2 Sensor | |
| Chevrolet | Cobalt | | 2010-2008 | L Length: 14.75 inches (375mm) | | 4 Lead Terminated | |
| | HHR | | 2010-2008 | Cadillac | CTS | | 2011-2008 |
| Pontiac | Solstice | | SRX | | | 2009-2007 | |
| Saturn | Sky | | 2010-2007 | | STS | | 2011-2008 |
| 21565 | | OE Type Heated ZrO2 Sensor | | Chevrolet | Equinox | | 2009-2008 |
| L Length: 32.5 inches (825mm) | | 4 Lead Terminated | | Pontiac | Torrent | | 2009-2008 |
| Cadillac | SRX | | 2009-2007 | Suzuki | XL-7 | | 2009-2007 |



| 21576 OE Type Heated ZrO2 Sensor | |
|--|-----------------------|
| L Length: 13.75 inches (350mm) 4 Lead Terminated | |
| Buick | Rainier 2007-2006 |
| Chevrolet | Express 1500 2007 |
| | SSR 2006 |
| | Trailblazer 2007-2006 |
| | Trailblazer EXT 2006 |
| GMC | Envoy 2007-2006 |
| | Envoy XL 2006 |
| | Savana 1500 2007 |
| Isuzu | Ascender 2006 |
| Saab | 9-7x 2007-2006 |

| 21577 OE Type Heated ZrO2 Sensor | |
|--|--------------------|
| L Length: 20.75 inches (525mm) 4 Lead Terminated | |
| Buick | Encore 2018-2013 |
| Cadillac | ELR 2016-2014 |
| Chevrolet | Cruze 2015-2011 |
| | Cruze Limited 2016 |
| | Sonic 2018-2012 |
| | Trax 2018-2013 |
| | Volt 2015-2011 |

| 21579 OE Type Heated ZrO2 Sensor | |
|--|-----------------------------|
| L Length: 14.75 inches (375mm) 4 Lead Terminated | |
| Buick | Cascade 2018-2016 |
| | Envision 2018-2017 |
| | LaCrosse 2018 |
| | Regal 2017-2014 |
| Cadillac | ATS 2017-2013 |
| | CTS 2018-2014 |
| | Escalade 2018-2016 |
| | Escalade ESV 2018-2016 |
| Chevrolet | Camaro 2018-2016 |
| | Colorado 2018-2015 |
| | Corvette 2018-2014 |
| | Impala 2018-2014 |
| | Malibu 2015-2013 |
| | Malibu Limited 2016 |
| | Silverado 2500 HD 2018-2016 |
| | Silverado 3500 HD 2018-2016 |
| | Suburban 2018-2016 |
| | Suburban 3500 HD 2018-2016 |
| | Tahoe 2018-2016 |
| GMC | Acadia 2018-2017 |
| | Canyon 2018-2015 |
| | Sierra 2500 HD 2018-2016 |
| | Sierra 3500 HD 2018-2016 |
| | Yukon 2018-2016 |
| | Yukon XL 2018-2016 |

| 21580 OE Type Heated ZrO2 Sensor | |
|--|------------------|
| L Length: 12.75 inches (325mm) 4 Lead Terminated | |
| Buick | Encore 2018-2016 |
| Chevrolet | Cruze 2018-2016 |
| | Equinox 2018 |
| | Malibu 2018-2016 |
| | Spark 2018-2016 |
| | Volt 2018-2016 |
| | Terrain 2018 |

| 21581 OE Type Heated ZrO2 Sensor | |
|--|--------------------------|
| L Length: 13.75 inches (350mm) 4 Lead Terminated | |
| Cadillac | Escalade 2018-2015 |
| | Escalade ESV 2018-2015 |
| Chevrolet | Express 2500 2017-2016 |
| | Express 3500 2017-2016 |
| | Express 4500 2016 |
| | Silverado 1500 2018-2014 |
| | Suburban 2018-2015 |

| 21581 (Cont'd) OE Type Heated ZrO2 Sensor | |
|--|-----------------------|
| L Length: 13.75 inches (350mm) 4 Lead Terminated | |
| Chevrolet | Tahoe 2018-2015 |
| GMC | Savana 2500 2017-2016 |
| | Savana 3500 2017-2016 |
| | Savana 4500 2016 |
| | Sierra 1500 2018-2014 |
| | Yukon 2018-2015 |
| | Yukon XL 2018-2015 |

| 22000 OE Type Heated ZrO2 Sensor | |
|---|------------|
| L Length: 14.5 inches (370mm) 4 Lead Terminated | |
| Ford | Probe 1996 |
| Mazda | 626 1996 |
| | MX-6 1996 |

| 22001 OE Type Heated ZrO2 Sensor | |
|---|-------------------|
| L Length: 32 inches (810mm) 4 Lead Terminated | |
| Kia | Sephia 1997-1996 |
| Mazda | Miata 2005-2001 |
| | MX-3 1996 |
| | Protege 1998-1995 |

| 22007 OE Type Heated ZrO2 Sensor | |
|--|-----------------|
| L Length: 15.75 inches (403mm) 4 Lead Terminated | |
| Ford | Focus 2007-2003 |

| 22009 OE Type Heated ZrO2 Sensor | |
|---|-------------------|
| L Length: 18 inches (457mm) 4 Lead Terminated | |
| Ford | Escape 2010-2001 |
| | Flex 2010 |
| | Fusion 2010-2007 |
| | Taurus 2010 |
| Lincoln | MKS 2010 |
| | MKT 2010 |
| Mazda | Tribute 2006-2001 |
| | Tribute 2011-2008 |
| Mercury | Mariner 2010-2005 |
| | Milan 2010-2007 |

| 22010 OE Type Heated ZrO2 Sensor | |
|--|--------------------|
| L Length: 24.75 inches (630mm) 4 Lead Terminated | |
| Ford | Contour 1999-1995 |
| Mercury | Cougar 1999 |
| | Mystique 1999-1995 |

| 22012 OE Type Heated ZrO2 Sensor | |
|---|----------------------------|
| L Length: 15.5 inches (393mm) 4 Lead Terminated | |
| Ford | E-150 2008-2005 |
| | E-150 Club Wagon 2005 |
| | E-250 2008-2005 |
| | E-350 Club Wagon 2005 |
| | E-350 Super Duty 2008-2005 |
| | E-450 Super Duty 2008-2005 |
| | Escape 2010-2005 |
| | F53 2009-2006 |
| | F-250 Super Duty 2010-2005 |
| | F-350 Super Duty 2010-2005 |
| | F-450 Super Duty 2010-2005 |
| | F-550 Super Duty 2010-2005 |
| | Fusion 2010-2006 |
| | Lincoln |
| Mazda | Tribute 2006-2005 |
| | Tribute 2011-2008 |
| Mercury | Mariner 2009-2005 |
| | Milan 2010-2006 |

| 22013 OE Type Heated ZrO2 Sensor | |
|---|---------------------|
| L Length: 19 inches (482mm) 3 Lead Terminated | |
| Ford | Aerostar 1991-1986 |
| | Bronco 1990-1987 |
| | Bronco II 1990-1987 |



| 22013 (Cont'd) OE Type Heated ZrO2 Sensor | | 22016 OE Type Heated ZrO2 Sensor | |
|--|--------------------------------------|---|--------------------------|
| L Length: 19 inches (482mm) | | L Length: 23.5 inches (600mm) | |
| 3 Lead Terminated | | 4 Lead Terminated | |
| Ford | Country Squire 1991-1987 | Ford | Escort 2002-1996 |
| | E-150 Econoline 1990-1986 | | Mustang 1998-1994 |
| | E-150 Econoline Club Wagon 1990-1986 | | Thunderbird 1997-1994 |
| | E-250 Econoline 1990-1986 | Lincoln | Continental 1997-1995 |
| | E-250 Econoline Club Wagon 1991-1986 | | Mark VIII 1998-1996 |
| | E-350 Econoline 1992-1986 | Mercury | Cougar 1997-1994 |
| | E-350 Econoline Club Wagon 1992-1986 | | Tracer 1999-1996 |
| | Escort 1991-1987 | 22018 OE Type Heated ZrO2 Sensor | |
| | EXP 1988-1987 | L Length: 21.75 inches (550mm) | |
| | F53 1992-1988 | 4 Lead Terminated | |
| | F-150 1990-1986 | Mazda | 6 2008-2006 |
| | F-250 1992-1986 | 22027 OE Type Heated TiO2 Sensor | |
| | F-350 1992-1986 | L Length: 29 inches (735mm) | |
| | F Super Duty 1992-1988 | 3 Lead Terminated | |
| | LTD Crown Victoria 1991-1987 | Mercury | Villager 1994-1993 |
| | Mustang 1993-1987 | Nissan | Quest 1994-1993 |
| | Probe 1992-1990 | 22032 OE Type Heated ZrO2 Sensor | |
| | Ranger 1992-1987 | L Length: 22.75 inches (580mm) | |
| | Ranger 1994 | 4 Lead Terminated | |
| | Taurus 1995-1987 | Ford | Escort 1996-1995 |
| | Tempo 1991-1987 | Kia | Sephia 1997-1995 |
| | Thunderbird 1990-1987 | Mazda | MX-3 1995-1992 |
| Lincoln | Continental 1990-1987 | | Protege 1998-1995 |
| | Mark VII 1992-1987 | Mercury | Tracer 1996-1995 |
| | Town Car 1990-1987 | 22033 OE Type Heated ZrO2 Sensor | |
| Mazda | B2300 1994 | L Length: 13.75 inches (350mm) | |
| Mercury | Colony Park 1991-1987 | 3 Lead Terminated | |
| | Cougar 1990-1987 | Ford | Probe 1997-1996 |
| | Grand Marquis 1991-1987 | Mazda | 626 1997-1996 |
| | Lynx 1987 | | MX-6 1997-1996 |
| | Sable 1990-1987 | 22034 OE Type Heated ZrO2 Sensor | |
| | Topaz 1991-1987 | L Length: 11 inches (280mm) | |
| | Tracer 1991 | 3 Lead Terminated | |
| 22014 OE Type Heated ZrO2 Sensor | | Ford | Probe 1997-1996 |
| L Length: 10.75 inches (271mm) | | Mazda | 626 1997-1996 |
| 3 Lead Terminated | | | MX-6 1997-1996 |
| Ford | Aerostar 1986 | 22043 OE Type Unheated ZrO2 Sensor | |
| | Bronco II 1986 | L Length: 18.5 inches (470mm) | |
| | E-150 Econoline 1986 | 1 Lead Terminated | |
| | E-150 Econoline Club Wagon 1986 | Ford | Escort 1994-1991 |
| | E-250 Econoline 1986 | | Festiva 1993-1990 |
| | Escort 1986-1985 | Kia | Sephia 1997-1994 |
| | EXP 1986 | Mazda | 323 1995-1990 |
| | LTD 1986 | | MX-3 1993-1992 |
| | Mustang 1986-1984 | | Protege 1994-1990 |
| | Ranger 1986-1985 | Mercury | Tracer 1994-1990 |
| | Taurus 1986 | 22045 OE Type Heated ZrO2 Sensor | |
| | Thunderbird 1984 | L Length: 15.5 inches (393mm) | |
| | Thunderbird 1986 | 4 Lead Terminated | |
| Lincoln | Continental 1986 | Ford | Crown Victoria 2011-2006 |
| | Mark VII 1987-1984 | Lincoln | Town Car 2011-2006 |
| | Town Car 1986 | Mercury | Grand Marquis 2011-2006 |
| Mercury | Capri 1986-1984 | 22046 OE Type Heated ZrO2 Sensor | |
| | Cougar 1984 | L Length: 10.75 inches (271mm) | |
| | Cougar 1986 | 4 Lead Terminated | |
| | Grand Marquis 1986 | Ford | Edge 2010-2007 |
| | Lynx 1986-1985 | | Fusion 2010 |
| | Sable 1986 | | Taurus 2009-2008 |
| Mercur | Scorpio 1989 | | Taurus X 2009-2008 |
| 22015 OE Type Heated ZrO2 Sensor | | Lincoln | MKX 2010-2007 |
| L Length: 18 inches (457mm) | | | MKZ 2010-2007 |
| 4 Lead Terminated | | Mazda | CX-9 2010-2007 |
| Ford | Focus 2011-2006 | Mercury | Sable 2009-2008 |
| | Transit Connect 2013-2010 | 22047 OE Type Heated ZrO2 Sensor | |
| 22051 OE Type Heated ZrO2 Sensor | | L Length: 46 inches (1170mm) | |
| L Length: 16 inches (404mm) | | 3 Lead Terminated | |
| 4 Lead Terminated | | Mercur | Scorpio 1989-1988 |
| Ford | Mustang 2018-2015 | 22051 OE Type Heated ZrO2 Sensor | |
| L Length: 16 inches (404mm) | | L Length: 16 inches (404mm) | |
| 4 Lead Terminated | | 4 Lead Terminated | |
| Ford | Mustang 2018-2015 | Ford | |
| | | Mustang 2018-2015 | |



| 22052 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------------------------|----------------------------|--|
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated | |
| Ford | E-350 Super Duty | 2018-2016 | |
| | Edge | 2018-2015 | |
| | Explorer | 2017 | |
| | F-150 | 2016-2015 | |
| | Flex | 2017-2016 | |
| | Fusion | 2018-2017 | |
| | Mustang | 2017-2015 | |
| | Police Interceptor Sedan | 2018-2016 | |
| | Police Interceptor Utility | 2018-2017 | |
| | Taurus | 2017-2016 | |
| Lincoln | Continental | 2018-2017 | |
| | MKS | 2016 | |
| | MKT | 2018-2016 | |
| | MKX | 2018-2016 | |
| | MKZ | 2018-2017 | |

| 22053 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|------------------|----------------------------|--|
| L Length: 26.75 inches (681mm) | | 4 Lead Terminated | |
| Ford | E-450 Super Duty | 2017-2016 | |
| | Mustang | 2016-2015 | |

| 22056 | | OE Type Heated ZrO2 Sensor | |
|-------------------------------|--------|----------------------------|--|
| L Length: 23.5 inches (600mm) | | 4 Lead Terminated | |
| Ford | Escort | 2003-1996 | |
| Mercury | Tracer | 1999-1996 | |

| 22060 | | OE Type Heated ZrO2 Sensor | | |
|-------------------------------|----------------------------|----------------------------|-----------|--|
| L Length: 15.5 inches (393mm) | | 4 Lead Terminated | | |
| Ford | Contour | 2000-1999 | | |
| | Crown Victoria | 2006-1998 | | |
| | E-150 | 2004-2003 | | |
| | E-150 Club Wagon | 2004-2003 | | |
| | E-150 Econoline | 2002-1999 | | |
| | E-150 Econoline Club Wagon | 2002-1999 | | |
| | E-250 | 2004-2003 | | |
| | E-250 Econoline | 2002-1999 | | |
| | E-350 Club Wagon | 2004-2003 | | |
| | E-350 Econoline Club Wagon | 2002-1999 | | |
| | E-350 Super Duty | 2004-1999 | | |
| | E-450 Econoline Super Duty | 2002-2000 | | |
| | E-450 Super Duty | 2004-2003 | | |
| | E-550 Econoline Super Duty | 2002 | | |
| | E-550 Super Duty | 2003 | | |
| | Escape | 2008-2001 | | |
| | Escort | 2003-2000 | | |
| | Excursion | 2005-2000 | | |
| | Expedition | 2004-1999 | | |
| | Explorer | 2003-2002 | | |
| | F53 | 2004-2000 | | |
| | F-150 | 2003-1999 | | |
| | F-150 Heritage | 2004 | | |
| | F-250 | 1999 | | |
| | F-250 Super Duty | 2004-2000 | | |
| | F-350 Super Duty | 2004-2000 | | |
| | F-450 Super Duty | 2004-2000 | | |
| | F-550 Super Duty | 2004-2000 | | |
| | Five Hundred | 2007-2005 | | |
| | Focus | 2004-2000 | | |
| | Freestyle | 2007-2005 | | |
| | GT | 2006-2005 | | |
| | Mustang | 2010-1999 | | |
| | Taurus | 2007-1999 | | |
| | Thunderbird | 2005-2002 | | |
| | Jaguar | S-Type | 2002-2000 | |
| | Lincoln | Aviator | 2005-2003 | |
| | | Blackwood | 2002 | |
| | | Continental | 2002-1998 | |

| 22060 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|-------------------------------|---------------|----------------------------|--|
| L Length: 15.5 inches (393mm) | | 4 Lead Terminated | |
| Lincoln | LS | 2006-2000 | |
| | Navigator | 2000-1999 | |
| | Navigator | 2004-2003 | |
| | Town Car | 2006-1998 | |
| Mazda | Tribute | 2006-2001 | |
| | Tribute | 2008 | |
| Mercury | Cougar | 2002-1999 | |
| | Grand Marquis | 2006-1998 | |
| | Marauder | 2004-2003 | |
| | Mariner | 2008-2005 | |
| | Montego | 2007-2005 | |
| | Mountaineer | 2003-2002 | |
| | Mystique | 2000-1999 | |
| | Sable | 2005-1999 | |

| 22062 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------|----------------------------|--|
| L Length: 19.25 inches (490mm) | | 3 Lead Terminated | |
| Mazda | Millenia | 1996-1995 | |

| 22064 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-----|----------------------------|--|
| L Length: 11.75 inches (300mm) | | 3 Lead Terminated | |
| Mazda | 626 | 1999-1998 | |

| 22065 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------|----------------------------|--|
| L Length: 17.75 inches (450mm) | | 3 Lead Terminated | |
| Mazda | Millenia | 2002-1995 | |

| 22066 | | OE Type Heated ZrO2 Sensor | |
|-------------------------------|----------------|----------------------------|--|
| L Length: 17.5 inches (444mm) | | 4 Lead Terminated | |
| Ford | Transit-150 | 2018-2016 | |
| | Transit-250 | 2018-2016 | |
| | Transit-350 | 2018-2016 | |
| | Transit-350 HD | 2018-2016 | |

| 22068 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|------------------|----------------------------|--|
| L Length: 24.75 inches (626mm) | | 4 Lead Terminated | |
| Ford | E-350 Super Duty | 2018-2017 | |

| 22069 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-------|----------------------------|--|
| L Length: 15.25 inches (390mm) | | 4 Lead Terminated | |
| Ford | F-150 | 2018 | |

| 22071 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------|----------------------------|-----------|
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | |
| Ford | Contour | 1999-1996 | |
| | Mercury | Cougar | 1999 |
| | | Mystique | 1999-1996 |

| 22074 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------|----------------------------|--|
| L Length: 14.25 inches (360mm) | | 4 Lead Terminated | |
| Ford | Contour | 1999-1995 | |
| Mercury | Cougar | 1999 | |
| | Mystique | 1999-1995 | |

| 22075 | | OE Type Heated ZrO2 Sensor | |
|-------------------------------|-----|----------------------------|--|
| L Length: 16.5 inches (420mm) | | 3 Lead Terminated | |
| Mazda | 929 | 1991-1988 | |
| | MPV | 1991-1989 | |

| 22082 | | OE Type Unheated ZrO2 Sensor | |
|---------------------------------|-------|------------------------------|--|
| L Length: 39.25 inches (1000mm) | | 1 Lead Terminated | |
| Mazda | B2000 | 1987-1986 | |
| | B2200 | 1993-1987 | |

| 22085 | | OE Type Unheated ZrO2 Sensor | |
|--------------------------------|-----|------------------------------|--|
| L Length: 34.25 inches (870mm) | | 2 Lead Terminated | |
| Mazda | MPV | 1990-1989 | |

| 22088 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-------|----------------------------|--|
| L Length: 22.75 inches (580mm) | | 4 Lead Terminated | |
| Ford | Probe | 1996-1993 | |
| Mazda | 626 | 1996-1993 | |
| | MX-6 | 1996-1993 | |



| | | | |
|---------------------------------|----------------------------|-----------------------------------|--|
| 22089 | | OE Type Heated ZrO2 Sensor | |
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated | |
| Ford | Probe | 1997-1996 | |
| Mazda | 626 | 2000-1996 | |
| | MX-6 | 1997-1996 | |
| 22090 | | OE Type Heated ZrO2 Sensor | |
| L Length: 19.75 inches (500mm) | | 4 Lead Terminated | |
| Mazda | 626 | 2000-1998 | |
| 22091 | | OE Type Heated ZrO2 Sensor | |
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | |
| Mazda | 626 | 1999-1998 | |
| 22092 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Ford | Probe | 1997-1993 | |
| Mazda | 626 | 2000-1993 | |
| | 929 | 1995-1992 | |
| | MX-6 | 1997-1993 | |
| 22093 | | OE Type Heated ZrO2 Sensor | |
| L Length: 31.5 inches (800mm) | | 4 Lead Terminated | |
| Mazda | Millenia | 2002-1995 | |
| 22094 | | OE Type Heated ZrO2 Sensor | |
| L Length: 25.25 inches (640mm) | | 4 Lead Terminated | |
| Ford | Probe | 1997 | |
| Mazda | 626 | 2000-1997 | |
| | MX-6 | 1997 | |
| 22095 | | OE Type Heated ZrO2 Sensor | |
| L Length: 39.25 inches (1000mm) | | 4 Lead Terminated | |
| Mazda | Millenia | 2000-1997 | |
| 22096 | | OE Type Heated ZrO2 Sensor | |
| L Length: 23.5 inches (600mm) | | 4 Lead Terminated | |
| Mazda | 626 | 2002-2000 | |
| 22097 | | OE Type Heated ZrO2 Sensor | |
| L Length: 18.5 inches (470mm) | | 4 Lead Terminated | |
| Mazda | 6 | 2005-2003 | |
| | 626 | 2002-2000 | |
| 22098 | | OE Type Heated ZrO2 Sensor | |
| L Length: 13 inches (330mm) | | 4 Lead Terminated | |
| Ford | Probe | 1997-1996 | |
| Mazda | 626 | 1999-1996 | |
| | Millenia | 2002-1995 | |
| | MX-6 | 1997-1996 | |
| 22099 | | OE Type Heated ZrO2 Sensor | |
| L Length: 27.5 inches (700mm) | | 4 Lead Terminated | |
| Mazda | Millenia | 2002-2001 | |
| 22100 | | OE Type Heated ZrO2 Sensor | |
| L Length: 36.25 inches (920mm) | | 4 Lead Terminated | |
| Mazda | 6 | 2005-2003 | |
| 22101 | | OE Type Heated ZrO2 Sensor | |
| L Length: 24 inches (610mm) | | 4 Lead Terminated | |
| Mazda | 6 | 2005-2003 | |
| 22102 | | OE Type Heated ZrO2 Sensor | |
| L Length: 25.25 inches (640mm) | | 4 Lead Terminated | |
| Mazda | 626 | 2000 | |
| 22103 | | OE Type Heated ZrO2 Sensor | |
| L Length: 12.25 inches (310mm) | | 4 Lead Terminated | |
| Mazda | 626 | 2000 | |
| 22104 | | OE Type Heated ZrO2 Sensor | |
| L Length: 17 inches (430mm) | | 4 Lead Terminated | |
| Mazda | 626 | 2002-2000 | |
| 22106 | | OE Type Heated ZrO2 Sensor | |
| L Length: 30 inches (762mm) | | 4 Lead Terminated | |
| Ford | Escape | 2004-2001 | |
| 22106 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
| L Length: 30 inches (762mm) | | 4 Lead Terminated | |
| Ford | Focus | 2003-2001 | |
| Mazda | Tribute | 2004-2001 | |
| 22113 | | OE Type Heated ZrO2 Sensor | |
| L Length: 19 inches (483mm) | | 4 Lead Terminated | |
| Ford | Escape | 2006-2001 | |
| Mazda | Tribute | 2006-2001 | |
| Mercury | Mariner | 2006-2005 | |
| 22114 | | OE Type Heated ZrO2 Sensor | |
| L Length: 12.25 inches (310mm) | | 4 Lead Terminated | |
| Mazda | 626 | 2002-2000 | |
| 22115 | | OE Type Heated ZrO2 Sensor | |
| L Length: 48.5 inches (1230mm) | | 4 Lead Terminated | |
| Mazda | 6 | 2008-2003 | |
| 22116 | | OE Type Heated ZrO2 Sensor | |
| L Length: 24.5 inches (620mm) | | 4 Lead Terminated | |
| Mazda | 6 | 2005-2003 | |
| 22117 | | OE Type Heated ZrO2 Sensor | |
| L Length: 20.75 inches (530mm) | | 4 Lead Terminated | |
| Mazda | 626 | 2002-2000 | |
| 22118 | | OE Type Heated ZrO2 Sensor | |
| L Length: 12.25 inches (310mm) | | 4 Lead Terminated | |
| Mazda | 6 | 2008-2003 | |
| | 626 | 2002-2000 | |
| 22119 | | OE Type Heated ZrO2 Sensor | |
| L Length: 23.5 inches (600mm) | | 4 Lead Terminated | |
| Mazda | Millenia | 2002-2001 | |
| 22120 | | OE Type Heated ZrO2 Sensor | |
| L Length: 19.75 inches (500mm) | | 4 Lead Terminated | |
| Mazda | Millenia | 2002-2001 | |
| 22124 | | OE Type Heated ZrO2 Sensor | |
| L Length: 12.25 inches (308mm) | | 4 Lead Terminated | |
| Ford | Focus | 2011-2003 | |
| 22125 | | OE Type Heated ZrO2 Sensor | |
| L Length: 18 inches (457mm) | | 4 Lead Terminated | |
| Ford | Focus | 2006-2003 | |
| 22126 | | OE Type Heated ZrO2 Sensor | |
| L Length: 33.75 inches (860mm) | | 4 Lead Terminated | |
| Ford | Aspire | 1997-1996 | |
| 22129 | | OE Type Heated ZrO2 Sensor | |
| L Length: 34.75 inches (885mm) | | 4 Lead Terminated | |
| Mazda | 6 | 2013-2009 | |
| 22130 | | OE Type Heated ZrO2 Sensor | |
| L Length: 12.75 inches (323mm) | | 4 Lead Terminated | |
| Mazda | 6 | 2010-2009 | |
| 22132 | | OE Type Heated ZrO2 Sensor | |
| L Length: 44.25 inches (1127mm) | | 4 Lead Terminated | |
| Ford | Transit Connect | 2013-2010 | |
| 22134 | | OE Type Heated ZrO2 Sensor | |
| L Length: 12.5 inches (315mm) | | 4 Lead Terminated | |
| Ford | Edge | 2014-2011 | |
| | Explorer | 2017-2011 | |
| | Flex | 2017-2011 | |
| | Fusion | 2012-2011 | |
| | Police Interceptor Sedan | 2017-2015 | |
| | Police Interceptor Utility | 2017-2014 | |
| | Taurus | 2012-2011 | |
| Lincoln | Taurus | 2017-2015 | |
| | MKS | 2012-2011 | |
| | MKS | 2016 | |
| | MKT | 2017-2011 | |



| 22134 (Cont'd) OE Type Heated ZrO2 Sensor | |
|--|--|
| L Length: 12.5 inches (315mm) 4 Lead Terminated | |
| Lincoln | MKX 2015-2011 MKZ 2012-2011 |
| Mazda | 6 2013-2011 CX-9 2015-2011 |
| Mercury | Milan 2011 |
| 22135 OE Type Heated ZrO2 Sensor | |
| L Length: 17.5 inches (444mm) 4 Lead Terminated | |
| Ford | Escape 2012-2011 Explorer 2016-2013 F-150 2014-2011 Flex 2015-2013 Fusion 2012-2011 Mustang 2014-2011 Police Interceptor Sedan 2015-2013 Police Interceptor Utility 2016-2013 Taurus 2015-2013 |
| Lincoln | MKS 2015-2013 MKT 2015-2013 MKZ 2016-2011 |
| Mercury | Mariner 2011 Milan 2011 |
| 22136 OE Type Heated ZrO2 Sensor | |
| L Length: 15 inches (380mm) 4 Lead Terminated | |
| Ford | Escape 2012-2011 Fusion 2012-2011 |
| Mercury | Milan 2011 |
| 22137 OE Type Heated ZrO2 Sensor | |
| L Length: 10.25 inches (258mm) 4 Lead Terminated | |
| Ford | Fusion 2012-2011 |
| Lincoln | MKZ 2012-2011 |
| 22138 OE Type Heated ZrO2 Sensor | |
| L Length: 15.25 inches (385mm) 4 Lead Terminated | |
| Ford | Fiesta 2017-2011 |
| 22139 OE Type Heated ZrO2 Sensor | |
| L Length: 17.5 inches (444mm) 4 Lead Terminated | |
| Ford | Explorer 2017-2013 Flex 2017-2011 Police Interceptor Sedan 2017-2013 Police Interceptor Utility 2017-2014 Taurus 2017-2011 |
| Lincoln | MKS 2016-2011 MKT 2017-2011 |
| 22140 OE Type Heated ZrO2 Sensor | |
| L Length: 31.5 inches (797mm) 4 Lead Terminated | |
| Lincoln | MKT 2015-2013 |
| 22141 OE Type Heated ZrO2 Sensor | |
| L Length: 26.75 inches (680mm) 4 Lead Terminated | |
| Ford | C-Max 2017-2013 Escape 2016-2013 Fusion 2017-2013 Transit Connect 2017-2014 |
| Lincoln | MKZ 2017-2013 |
| 22142 OE Type Heated ZrO2 Sensor | |
| L Length: 17.5 inches (444mm) 4 Lead Terminated | |
| Ford | Transit-150 2015 Transit-250 2015 Transit-350 2015 Transit-350 HD 2015 |
| 22143 OE Type Heated ZrO2 Sensor | |
| L Length: 11 inches (277mm) 4 Lead Terminated | |
| Ford | Transit-150 2015 Transit-250 2015 |

| 22143 (Cont'd) OE Type Heated ZrO2 Sensor | |
|--|--|
| L Length: 11 inches (277mm) 4 Lead Terminated | |
| Ford | Transit-350 2015 Transit-350 HD 2015 |
| 22144 OE Type Heated ZrO2 Sensor | |
| L Length: 15.25 inches (390mm) 4 Lead Terminated | |
| Ford | Expedition 2017-2015 |
| Lincoln | Navigator 2017-2015 |
| 22145 OE Type Heated ZrO2 Sensor | |
| L Length: 16 inches (404mm) 4 Lead Terminated | |
| Ford | Mustang 2017-2015 |
| 22146 OE Type Heated ZrO2 Sensor | |
| L Length: 28 inches (710mm) 4 Lead Terminated | |
| Ford | Escape 2018-2017 Fusion 2018-2017 |
| 22500 OE Type Heated ZrO2 Sensor | |
| L Length: 17 inches (432mm) 4 Lead Terminated | |
| Ford | Aerostar 1997-1992 Bronco 1996-1990 Bronco II 1990 Contour 2000-1999 Crown Victoria 2011-1992 E-150 2014-2003 E-150 Club Wagon 2005-2003 E-150 Econoline 2002-1990 E-150 Econoline Club Wagon 2002-1990 E-250 2014-2003 E-250 Econoline 2002-1990 E-250 Econoline Club Wagon 1991-1990 E-350 Club Wagon 2005-2003 E-350 Econoline 1998-1990 E-350 Econoline Club Wagon 2002-1990 E-350 Super Duty 2016-1999 E-450 Econoline Super Duty 2002-1999 E-450 Super Duty 2016-2003 E-550 Econoline Super Duty 2002 E-550 Super Duty 2003 Econoline Super Duty 1999-1996 Edge 2010-2007 Escape 2010-2001 Escort 1995-1992 Excursion 2005-2000 Expedition 2011-1997 Explorer 2010-1995 Explorer Sport 2003-2001 Explorer Sport Trac 2003-2001 Explorer Sport Trac 2010-2007 F53 1997-1994 F53 2004-1999 F53 2009-2006 F53 2014-2011 F-150 2003-1990 F-150 2010-2009 F-150 Heritage 2004 F-250 1999-1990 F-250 HD 1997 F-250 Super Duty 2011-1999 F-350 1990 F-350 1997-1994 F-350 Super Duty 2011-1999 F-450 Super Duty 2012-1999 F-550 Super Duty 2012-1999 Five Hundred 2007-2005 Flex 2010-2009 Focus 2004-2000 Freestar 2007-2004 |



| 22500 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|--------------|-----------------------------------|-----------|
| L Length: 17 inches (432mm) | | 4 Lead Terminated | |
| Ford | Freestyle | 2007-2005 | |
| | F Super Duty | 1997-1994 | |
| | Fusion | 2010-2006 | |
| | GT | 2006-2005 | |
| | Mustang | 2010-1990 | |
| | Ranger | 2011-1989 | |
| | Taurus | 2010-1991 | |
| | Taurus X | 2009-2008 | |
| | Tempo | 1994-1992 | |
| | Thunderbird | 1997-1991 | |
| | Thunderbird | 2005-2002 | |
| | Windstar | 2003-1995 | |
| | Jaguar | S-Type | 2002-2000 |
| Lincoln | Aviator | 2005-2003 | |
| | Blackwood | 2002 | |
| | Continental | 2002-1991 | |
| | LS | 2006-2000 | |
| | Mark VIII | 1998-1993 | |
| | MKS | 2015-2009 | |
| | MKT | 2010 | |
| | MKX | 2010-2007 | |
| | MKZ | 2010-2007 | |
| | Navigator | 2011-1998 | |
| | Town Car | 2011-1991 | |
| Mazda | Zephyr | 2006 | |
| | B2300 | 1997-1994 | |
| | B2300 | 2010-2001 | |
| | B2500 | 2001-1998 | |
| | B3000 | 2008-1995 | |
| | B4000 | 2010-1995 | |
| | CX-9 | 2010-2007 | |
| | Tribute | 2006-2001 | |
| | Tribute | 2011-2008 | |
| | Mercury | Cougar | 1997-1991 |
| Cougar | | 2002-1999 | |
| Grand Marquis | | 2011-1992 | |
| Marauder | | 2004-2003 | |
| Mariner | | 2010-2005 | |
| Milan | | 2010-2006 | |
| Montego | | 2007-2005 | |
| Monterey | | 2007-2004 | |
| Mountaineer | | 2010-1997 | |
| Mystique | | 2000-1999 | |
| Sable | | 2005-1991 | |
| Sable | | 2009-2008 | |
| Topaz | | 1994-1992 | |
| Tracer | | 1995-1992 | |

| 22501 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|------------------|-----------------------------------|--|
| L Length: 30 inches (765mm) | | 4 Lead Terminated | |
| Ford | E-350 Super Duty | 2015-2010 | |
| | E-450 Super Duty | 2015-2010 | |
| | Explorer | 2000-1996 | |
| | F-150 | 2010 | |
| | Ranger | 2003-1995 | |
| Mazda | B3000 | 2003-1995 | |
| | B4000 | 2003-1995 | |

| 22502 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------|-----------------------------------|--|
| L Length: 29.25 inches (740mm) | | 4 Lead Terminated | |
| Mazda | 323 | 1995-1993 | |
| | Miata | 1997-1994 | |
| | Miata | 2000-1999 | |
| | Protege | 1994-1993 | |

| 22503 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|----------------------------|-----------------------------------|--|
| L Length: 22 inches (558mm) | | 4 Lead Terminated | |
| Ford | Aerostar | 1997-1990 | |
| | Bronco | 1992-1990 | |
| | Bronco | 1996 | |
| | E-150 Econoline | 1990 | |
| | E-150 Econoline | 1996 | |
| | E-150 Econoline Club Wagon | 1990 | |
| | E-150 Econoline Club Wagon | 1996 | |
| | E-250 Econoline | 1994-1990 | |
| | E-250 Econoline Club Wagon | 1991-1990 | |
| | E-350 Econoline | 1996-1990 | |
| | E-350 Econoline Club Wagon | 1996-1990 | |
| | Econoline Super Duty | 1996 | |
| | Explorer | 1994-1991 | |
| | Explorer | 2000-1997 | |
| | F53 | 1993-1990 | |
| | F53 | 1997-1996 | |
| | F-150 | 1996-1990 | |
| | F-250 | 1996-1990 | |
| | F-250 HD | 1997 | |
| | F-350 | 1997-1990 | |
| F Super Duty | 1993-1990 | | |
| F Super Duty | 1997-1996 | | |
| Ranger | 2011-1990 | | |
| Mazda | B2300 | 1997-1995 | |
| | B2300 | 2010-2004 | |
| | B2500 | 2001-1998 | |
| | B3000 | 2000-1994 | |
| | B3000 | 2006-2004 | |
| | B4000 | 2006-1994 | |
| Navajo | 1994-1991 | | |
| Mercury | Mountaineer | 1998 | |

| 22504 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-------|-----------------------------------|--|
| L Length: 19.75 inches (500mm) | | 4 Lead Terminated | |
| Mazda | Miata | 1997-1996 | |
| | Miata | 2000-1999 | |

| 22505 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|-----|-----------------------------------|--|
| L Length: 26 inches (660mm) | | 4 Lead Terminated | |
| Mazda | MPV | 1998-1996 | |
| | MPV | 2006-2000 | |

| 22506 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|------|-----------------------------------|--|
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated | |
| Mazda | MPV | 1998-1996 | |
| | RX-8 | 2011-2004 | |

| 22507 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|--------|-----------------------------------|--|
| L Length: 22 inches (560mm) | | 4 Lead Terminated | |
| Ford | Escort | 1996 | |
| Mercury | Tracer | 1996 | |

| 22510 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------|-----------------------------------|--|
| L Length: 34.75 inches (880mm) | | 4 Lead Terminated | |
| Mazda | Protege | 2003-1999 | |

| 22513 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------|-----------------------------------|--|
| L Length: 18.25 inches (465mm) | | 4 Lead Terminated | |
| Mazda | Miata | 2005-2004 | |
| | MPV | 2001-2000 | |
| | Protege | 2003-1999 | |

| 22514 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|----------|-----------------------------------|--|
| L Length: 26 inches (660mm) | | 4 Lead Terminated | |
| Mazda | MPV | 2001-2000 | |
| | Protege | 2003-1999 | |
| | Protege5 | 2003-2002 | |

| 22516 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------|-----------------------------------|--|
| L Length: 25.25 inches (640mm) | | 4 Lead Terminated | |
| Mercury | Villager | 2002-1999 | |



| 22516 (Cont'd) OE Type Heated ZrO2 Sensor | |
|---|---------------------------------|
| L Length: 25.25 inches (640mm) 4 Lead Terminated | |
| Nissan | Quest 2002-1999 |
| 22519 OE Type Heated ZrO2 Sensor | |
| L Length: 13.25 inches (335mm) 4 Lead Terminated | |
| Mazda | MPV 2001-2000 |
| 22521 OE Type Heated ZrO2 Sensor | |
| L Length: 50.75 inches (1290mm) 4 Lead Terminated | |
| Mercury | Villager 1997-1996 |
| Nissan | Quest 1997-1996 |
| 22523 OE Type Heated ZrO2 Sensor | |
| L Length: 9.75 inches (250mm) 4 Lead Terminated | |
| Mazda | MPV 2001-2000 |
| | MX-3 1995-1992 |
| | Protege 2000-1999 |
| 22524 OE Type Heated ZrO2 Sensor | |
| L Length: 17.75 inches (450mm) 4 Lead Terminated | |
| Ford | E-150 2003 |
| | E-150 Club Wagon 2003 |
| | E-150 Econoline 2002 |
| | E-150 Econoline Club Wagon 2002 |
| | E-250 2003 |
| | E-250 Econoline 2002 |
| | E-350 Super Duty 2012-2009 |
| | E-450 Super Duty 2012-2009 |
| | Expedition 2002-2001 |
| | Expedition 2008-2005 |
| | Explorer 2001-1999 |
| | Explorer 2010-2004 |
| | Explorer Sport 2003-2001 |
| | Explorer Sport Trac 2005-2001 |
| | Explorer Sport Trac 2010-2007 |
| | F-150 2008-2000 |
| | F-150 Heritage 2004 |
| | Freestar 2007-2004 |
| | Ranger 2011-2001 |
| | Windstar 2003-1999 |
| Lincoln | Mark LT 2008-2006 |
| | Navigator 2002-2001 |
| | Navigator 2008-2005 |
| Mazda | B2300 2010-2001 |
| | B3000 2008-2001 |
| | B4000 2010-2001 |
| Mercury | Monterey 2007-2004 |
| | Mountaineer 2001-1999 |
| | Mountaineer 2010-2004 |
| 22528 OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) 4 Lead Terminated | |
| Mazda | MPV 2006-2002 |
| 22531 OE Type Heated ZrO2 Sensor | |
| L Length: 21.75 inches (550mm) 4 Lead Terminated | |
| Mazda | Miata 2000-1999 |
| | Protege 2000-1999 |
| 22532 OE Type Heated ZrO2 Sensor | |
| L Length: 15 inches (380mm) 4 Lead Terminated | |
| Mazda | MPV 2006-2000 |
| 22533 OE Type Heated ZrO2 Sensor | |
| L Length: 12.75 inches (325mm) 4 Lead Terminated | |
| Mazda | Protege 2003-2001 |
| | Protege5 2003-2002 |
| 22534 OE Type Unheated ZrO2 Sensor | |
| L Length: 15.75 inches (400mm) 1 Lead Terminated | |
| American Motors | Eagle 1987-1983 |
| Ford | Bronco 1987-1984 |

| 22534 (Cont'd) OE Type Unheated ZrO2 Sensor | | |
|--|--|--------------------|
| L Length: 15.75 inches (400mm) 1 Lead Terminated | | |
| Ford | E-150 Econoline 1987-1984 | |
| | E-150 Econoline Club Wagon 1987-1984 | |
| | E-250 Econoline 1987-1984 | |
| | E-250 Econoline Club Wagon 1987-1984 | |
| | E-350 Econoline 1987-1984 | |
| | E-350 Econoline Club Wagon 1987-1984 | |
| | F-150 1986-1984 | |
| | F-250 1986-1984 | |
| | F-350 1986-1984 | |
| | Taurus 1986 | |
| | Tempo 1986-1984 | |
| | Jeep | Cherokee 1986-1981 |
| | | CJ5 1983 |
| | | CJ7 1986-1983 |
| | | DJ5 1983 |
| Grand Wagoneer 1986-1984 | | |
| J10 1986-1981 | | |
| J20 1986-1981 | | |
| Scrambler 1985-1983 | | |
| Wagoneer 1986-1981 | | |
| Mercury | Sable 1986 | |
| | Topaz 1986-1984 | |
| Merkur | XR4Ti 1989-1985 | |
| Renault | Alliance 1987-1983 | |
| | Encore 1986-1984 | |
| 22535 OE Type Heated ZrO2 Sensor | | |
| L Length: 15.75 inches (400mm) 4 Lead Terminated | | |
| Ford | F-150 2014-2011 | |
| 22536 OE Type Heated ZrO2 Sensor | | |
| L Length: 27.5 inches (700mm) 4 Lead Terminated | | |
| Ford | Edge 2014-2012 | |
| | Escape 2016-2013 | |
| | Explorer 2015-2012 | |
| | Focus 2017-2012 | |
| | Fusion 2016-2013 | |
| | Special Service Police Sedan 2016-2014 | |
| | Taurus 2016-2013 | |
| | Lincoln | MKC 2016-2015 |
| MKT 2015-2013 | | |
| MKZ 2016-2013 | | |
| 22537 OE Type Heated ZrO2 Sensor | | |
| L Length: 15.75 inches (400mm) 4 Lead Terminated | | |
| Ford | Expedition 2014-2012 | |
| | F-250 Super Duty 2016-2012 | |
| | F-350 Super Duty 2016-2012 | |
| | F-450 Super Duty 2016-2013 | |
| | F-550 Super Duty 2016-2013 | |
| Lincoln | Navigator 2014-2012 | |
| 22538 OE Type Heated ZrO2 Sensor | | |
| L Length: 29.25 inches (745mm) 4 Lead Terminated | | |
| Ford | Escape 2016-2013 | |
| | Fiesta 2017-2014 | |
| | Transit Connect 2016-2014 | |
| 22539 OE Type Heated ZrO2 Sensor | | |
| L Length: 29.5 inches (750mm) 4 Lead Terminated | | |
| Ford | Fiesta 2017-2014 | |
| 22540 OE Type Heated ZrO2 Sensor | | |
| L Length: 13.75 inches (350mm) 4 Lead Terminated | | |
| Ford | Expedition 2018 | |
| | Mustang 2018 | |
| | Transit-150 2017-2016 | |
| | Transit-250 2017-2016 | |
| | Transit-350 2017-2016 | |



| 22540 (Cont'd) OE Type Heated ZrO2 Sensor | | 23004 (Cont'd) OE Type Unheated ZrO2 Sensor | |
|--|--|--|------------------------|
| L Length: 13.75 inches (350mm) 4 Lead Terminated | | L Length: 6.75 inches (170mm) 1 Lead Terminated | |
| Ford | Transit-350 HD 2017-2016 | Dodge | 400 1983-1982 |
| Lincoln | Navigator 2018 | | 600 1986-1983 |
| 22541 OE Type Heated ZrO2 Sensor | | | Aries 1986-1981 |
| L Length: 21.75 inches (550mm) 4 Lead Terminated | | | Aspen 1980-1979 |
| Ford | Edge 2016-2015 | | B100 1980-1979 |
| | F-150 2016-2015 | | B150 1987-1981 |
| | Fusion 2016-2014 | | B200 1980-1979 |
| | Mustang 2017-2015 | | B250 1987-1981 |
| | Transit-150 2017-2016 | | B300 1980-1979 |
| | Transit-250 2017-2016 | | B350 1987-1981 |
| | Transit-350 2017-2016 | | Caravan 1987-1984 |
| | Transit-350 HD 2017-2016 | | CB300 1980-1979 |
| 22542 OE Type Heated ZrO2 Sensor | | | Challenger 1983-1980 |
| L Length: 29.5 inches (750mm) 4 Lead Terminated | | | Charger 1987-1983 |
| Ford | Edge 2018-2016 | | Colt 1983-1980 |
| | Escape 2018-2017 | | D50 1982-1980 |
| | Explorer 2018-2016 | | D100 1979 |
| | Focus 2018-2015 | | D100 1987-1984 |
| | Fusion 2018-2017 | | D150 1987-1979 |
| | GT 2017 | | D200 1980-1979 |
| | Special Service Police Sedan 2018-2016 | | D250 1987-1981 |
| | Taurus 2017-2016 | | D300 1980 |
| Lincoln | MKC 2018-2017 | | D350 1987-1981 |
| | MKT 2016 | | D400 1981-1980 |
| | MKZ 2017 | | D450 1981-1980 |
| 22543 OE Type Heated ZrO2 Sensor | | | Dakota 1987 |
| L Length: 29.5 inches (750mm) 4 Lead Terminated | | | Daytona 1986-1984 |
| Ford | Transit-150 2015 | | Diplomat 1989-1979 |
| | Transit-250 2015 | | Lancer 1986-1985 |
| | Transit-350 2015 | | Mini Ram 1988-1984 |
| | Transit-350 HD 2015 | | Mirada 1983-1980 |
| 23001 OE Type Heated ZrO2 Sensor | | | Omni 1987-1980 |
| L Length: 25 inches (635mm) 4 Lead Terminated | | | Power Ram 50 1983 |
| Chrysler | Sebring 1995 | | Ram 50 1983 |
| Dodge | Avenger 1996-1995 | | Ramcharger 1987-1979 |
| | Colt 1994-1993 | | Rampage 1984-1982 |
| Eagle | Summit 1996-1993 | | RD200 1980 |
| | Talon 1998-1995 | | St. Regis 1981-1979 |
| Mitsubishi | Diamante 2000-1997 | | W100 1987-1984 |
| | Eclipse 1999-1995 | | W150 1987-1979 |
| | Mirage 1996-1993 | | W200 1980-1979 |
| Plymouth | Colt 1994-1993 | | W250 1987-1981 |
| | | | W300 1980 |
| 23002 OE Type Heated ZrO2 Sensor | | | W350 1987-1981 |
| L Length: 11.75 inches (300mm) 4 Lead Terminated | | Mitsubishi | Mighty Max 1983 |
| Chrysler | Town & Country 1997-1996 | Plymouth | Arrow 1980 |
| Dodge | Caravan 1997-1996 | | Arrow Pickup 1982-1980 |
| | Grand Caravan 1997-1996 | | Caravelle 1989-1979 |
| Plymouth | Grand Voyager 1997-1996 | | Champ 1982-1980 |
| | Voyager 1997-1996 | | Colt 1983-1980 |
| 23004 OE Type Unheated ZrO2 Sensor | | | Expo 1987 |
| L Length: 6.75 inches (170mm) 1 Lead Terminated | | | Gran Fury 1989-1980 |
| Chrysler | Cordoba 1983-1980 | | Horizon 1987-1980 |
| | Daytona 1986-1984 | | PB100 1980-1979 |
| | E Class 1984-1983 | | PB150 1983-1981 |
| | Executive Limousine 1986 | | PB200 1980 |
| | Executive Sedan 1983 | | PB250 1983-1981 |
| | Fifth Avenue 1989-1983 | | PB300 1980 |
| | Imperial 1983-1981 | | PB350 1983-1981 |
| | Laser 1986-1984 | | Reliant 1986-1981 |
| | LeBaron 1986-1979 | | Sapporo 1983-1980 |
| | Newport 1981-1979 | | Scamp 1983 |
| | New Yorker 1986-1980 | | TC3 1982-1980 |
| | Town & Country 1986-1979 | | Trailduster 1981-1979 |
| | | | Turismo 1987-1983 |



| 23004 (Cont'd) | | OE Type Unheated ZrO2 Sensor | |
|-------------------------------|-------------|------------------------------|--|
| L Length: 6.75 inches (170mm) | | 1 Lead Terminated | |
| Plymouth | Turismo 2.2 | 1986-1983 | |
| | Volare | 1980-1979 | |
| | Voyager | 1987-1984 | |

| 23005 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------------|----------------------------|--|
| L Length: 11.75 inches (300mm) | | 3 Lead Terminated | |
| Chrysler | Daytona | 1988-1987 | |
| | Dynasty | 1988 | |
| | LeBaron | 1988-1987 | |
| | New Yorker | 1988-1987 | |
| | TC Maserati | 1990 | |
| | Town & Country | 1988-1987 | |

| | | | |
|----------|---------------|-----------|--|
| Dodge | 600 | 1988-1987 | |
| | Aries | 1988-1987 | |
| | B150 | 1988 | |
| | B250 | 1988 | |
| | B350 | 1988 | |
| | Caravan | 1988-1987 | |
| | Charger | 1987 | |
| | D100 | 1988 | |
| | D150 | 1988 | |
| | D250 | 1988 | |
| | Dakota | 1988-1987 | |
| | Daytona | 1988-1987 | |
| | Dynasty | 1988 | |
| | Grand Caravan | 1988-1987 | |
| | Lancer | 1988-1987 | |
| | Mini Ram | 1988-1987 | |
| | Omni | 1986 | |
| | Omni | 1988 | |
| | Ramcharger | 1988 | |
| | Shadow | 1988-1987 | |
| W100 | 1988 | | |
| W150 | 1988 | | |
| W250 | 1988 | | |
| Plymouth | Caravelle | 1988-1987 | |
| | Expo | 1988 | |
| | Grand Voyager | 1988-1987 | |
| | Horizon | 1988 | |
| | Reliant | 1988-1987 | |
| | Sundance | 1988-1987 | |
| Voyager | 1988-1987 | | |

| 23006 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------------|----------------------------|--|
| L Length: 35.25 inches (895mm) | | 4 Lead Terminated | |
| Chrysler | Town & Country | 1997-1996 | |
| Dodge | Caravan | 1997-1996 | |
| | Grand Caravan | 1997-1996 | |
| Plymouth | Grand Voyager | 1997-1996 | |
| | Voyager | 1997-1996 | |

| 23007 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|------------|----------------------------|--|
| L Length: 21.75 inches (555mm) | | 4 Lead Terminated | |
| Chrysler | Concorde | 1997-1996 | |
| | Intrepid | 1997-1996 | |
| | LHS | 1997-1996 | |
| | New Yorker | 1996 | |
| Dodge | Intrepid | 1997-1996 | |
| Eagle | Vision | 1997-1996 | |

| 23008 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------|----------------------------|--|
| L Length: 50.5 inches (1285mm) | | 4 Lead Terminated | |
| Chrysler | Sebring | 1997-1996 | |
| Dodge | Avenger | 1997 | |

| 23014 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|-------|----------------------------|--|
| L Length: 18 inches (457mm) | | 4 Lead Terminated | |
| Dodge | B1500 | 1996 | |

| 23014 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|----------|----------------------------|------|
| L Length: 18 inches (457mm) | | 4 Lead Terminated | |
| Dodge | B2500 | 1996 | |
| | B3500 | 1996 | |
| | Dakota | 1996 | |
| | Ram 1500 | 1996 | |
| | Ram 2500 | 1996 | |
| | Ram 3500 | 1996 | |
| | Viper | 1998-1995 | |
| | Jeep | Cherokee | 1996 |

| 23016 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------------|----------------------------|--|
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Jeep | Grand Cherokee | 1996-1994 | |

| 23018 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|----------|----------------------------|--|
| L Length: 18 inches (457mm) | | 4 Lead Terminated | |
| Dodge | Dakota | 2006 | |
| | Viper | 2010-2008 | |
| Jeep | TJ | 2006-2005 | |
| | Wrangler | 2006-2005 | |
| Mitsubishi | Raider | 2006 | |

| 23020 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|---------|----------------------------|--|
| L Length: 25 inches (635mm) | | 4 Lead Terminated | |
| Chrysler | Sebring | 1999-1996 | |
| Dodge | Avenger | 1999-1996 | |
| Eagle | Talon | 1998-1996 | |
| Mitsubishi | Eclipse | 1999-1996 | |
| | Mirage | 2000-1997 | |

| 23021 | | OE Type Unheated ZrO2 Sensor | |
|--------------------------------|----------|------------------------------|--|
| L Length: 19.75 inches (500mm) | | 2 Lead Terminated | |
| American Motors | AMX | 1980 | |
| | Concord | 1980 | |
| | Eagle | 1980 | |
| | Pacer | 1980 | |
| | Spirit | 1980 | |
| Jeep | Cherokee | 1980 | |
| | CJ5 | 1980 | |
| | CJ7 | 1980 | |
| | DJ5 | 1980 | |
| | J10 | 1980 | |
| | Wagoneer | 1980 | |

| 23023 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------------|----------------------------|--|
| L Length: 23.25 inches (590mm) | | 4 Lead Terminated | |
| Chrysler | Cirrus | 1996-1995 | |
| | Concorde | 1995-1993 | |
| | Daytona | 1993-1989 | |
| | Dynasty | 1993-1989 | |
| | Imperial | 1993-1990 | |
| | Intrepid | 1995-1993 | |
| | LeBaron | 1995-1989 | |
| | LHS | 1995-1994 | |
| | New Yorker | 1995-1989 | |
| | Sebring | 1997-1995 | |
| Dodge | TC Maserati | 1991-1989 | |
| | Town & Country | 1994-1990 | |
| | Aries | 1989 | |
| | Avenger | 1997-1995 | |
| | B150 | 1994-1989 | |
| | B250 | 1994-1988 | |
| | B350 | 1994-1988 | |
| | B1500 | 1995 | |
| | B2500 | 1995 | |
| | B3500 | 1995 | |
| | Caravan | 1995-1989 | |
| | D100 | 1989-1988 | |
| | D150 | 1993-1988 | |



| 23023 (Cont'd) OE Type Heated ZrO2 Sensor | | 23036 OE Type Heated ZrO2 Sensor | |
|---|--|--|--|
| L Length: 23.25 inches (590mm) 4 Lead Terminated | | L Length: 16.75 inches (425mm) 4 Lead Terminated | |
| Dodge | D250 1993-1988 D350 1993-1988 Dakota 1995-1989 Daytona 1993-1989 Dynasty 1993-1989 Grand Caravan 1994-1989 Intrepid 1995-1993 Lancer 1989 Neon 1996-1995 Omni 1990-1989 Ram 1500 1995-1994 Ram 2500 1995-1994 Ram 3500 1995-1994 Ramcharger 1993-1988 Shadow 1994-1989 Spirit 1995-1989 Stratus 1996-1995 Viper 1995-1992 W100 1989-1988 W150 1993-1988 W250 1993-1988 W350 1993-1988 | Chrysler | Cirrus 1996-1995 Stratus 1996-1995 |
| Eagle | Talon 1996-1995 Vision 1995-1993 | 23039 OE Type Heated ZrO2 Sensor | |
| Jeep | Cherokee 1995-1991 Comanche 1992-1991 Grand Cherokee 1995-1993 Grand Wagoneer 1993 Wrangler 1995-1991 | L Length: 11.75 inches (300mm) 4 Lead Terminated | |
| Mitsubishi | Eclipse 1996-1995 | Chrysler | Cirrus 1997 Concorde 1997-1993 Intrepid 1997-1993 LHS 1997-1994 New Yorker 1996-1994 Sebring 1997 Town & Country 1997-1995 |
| Plymouth | Acclaim 1995-1989 Breeze 1996 Expo 1989 Grand Voyager 1994-1989 Horizon 1990-1989 Neon 1996-1995 Reliant 1989 Sundance 1994-1989 Voyager 1995-1989 | Dodge | Caravan 1997-1995 Grand Caravan 1997-1995 Intrepid 1997-1993 Neon 1997 Stratus 1997 |
| 23025 OE Type Heated ZrO2 Sensor | | Eagle | Vision 1997-1993 |
| L Length: 23.25 inches (590mm) 4 Lead Terminated | | Plymouth | Breeze 1997 Grand Voyager 1997-1995 Neon 1997 Prowler 1997 Prowler 1999 Voyager 1997-1995 |
| Chrysler | Sebring 1999-1997 | 23041 OE Type Heated ZrO2 Sensor | |
| Dodge | Avenger 1999-1997 | L Length: 18 inches (457mm) 4 Lead Terminated | |
| Eagle | Talon 1998-1997 | Chrysler | Cirrus 1997 Sebring 1997-1996 |
| Mitsubishi | Eclipse 1999-1997 | Dodge | Caravan 1997-1996 Grand Caravan 1997-1996 Stratus 1997 |
| 23026 OE Type Heated ZrO2 Sensor | | Plymouth | Grand Voyager 1997-1996 Voyager 1997-1996 |
| L Length: 26.75 inches (680mm) 4 Lead Terminated | | 23044 OE Type Unheated ZrO2 Sensor | |
| Chrysler | Pacifica 2005-2004 | L Length: 19 inches (485mm) 1 Lead Terminated | |
| 23030 OE Type Heated ZrO2 Sensor | | Audi | 4000 1986-1980 4000 Quattro 1987-1984 5000 1987-1979 Coupe 1987-1981 Fox 1979 Quattro 1986-1983 |
| L Length: 11.75 inches (300mm) 4 Lead Terminated | | Eagle | Medallion 1989-1988 |
| Chrysler | 300 2007 | Fiat | 124 1983-1979 Brava 1981-1979 Strada 1982-1979 X-1/9 1983-1979 |
| Dodge | Charger 2007 Magnum 2007 | Jaguar | Vanden Plas 1985-1982 XJ6 1985-1979 |
| 23032 OE Type Heated ZrO2 Sensor | | Nissan | Axxess 1991-1990 Stanza 1991-1990 |
| L Length: 35.75 inches (910mm) 4 Lead Terminated | | Renault | Alliance 1984-1983 Encore 1984 Fuego 1985-1982 LeCar 1983-1980 R5 1986 R18 1981 R18i 1986-1981 |
| Dodge | Monaco 1992-1991 | Saab | 99 1980-1977 900 1985-1979 |
| Eagle | Premier 1992-1991 | Subaru | Brat 1987-1981 DL 1987-1981 GL 1989-1981 GL-10 1987-1985 GLF 1982-1981 RX 1987-1985 |
| 23035 OE Type Heated ZrO2 Sensor | | | |
| L Length: 57.75 inches (1470mm) 4 Lead Terminated | | | |
| Dodge | B150 1989-1988 B250 1989-1988 | | |



| 23044 (Cont'd) | | OE Type Unheated ZrO2 Sensor | |
|-----------------------------|--------------------|------------------------------|------|
| L Length: 19 inches (485mm) | | 1 Lead Terminated | |
| Subaru | Standard | 1987-1981 | |
| | XT | 1987-1985 | |
| Volkswagen | Cabriolet | 1987-1985 | |
| | Dasher | 1980-1979 | |
| | Fox | 1987 | |
| | Golf | 1987-1985 | |
| | Jetta | 1986-1980 | |
| | Quantum | 1986-1982 | |
| | Rabbit | 1984-1980 | |
| | Rabbit Convertible | 1984-1980 | |
| | Rabbit Pickup | 1983-1980 | |
| | Scirocco | 1989-1979 | |
| | Super Beetle | 1980 | |
| | Yugo | Cabrio | 1990 |
| GV | | 1990 | |

| 23047 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------------|----------------------------|--|
| L Length: 35.25 inches (895mm) | | 4 Lead Terminated | |
| Chrysler | Grand Voyager | 2000 | |
| | Town & Country | 2000-1998 | |
| | Voyager | 2000 | |
| Dodge | Caravan | 2000-1998 | |
| | Grand Caravan | 2000-1998 | |
| Plymouth | Grand Voyager | 2000-1998 | |
| | Voyager | 2000-1998 | |

| 23048 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------|----------------------------|--|
| L Length: 16.75 inches (425mm) | | 4 Lead Terminated | |
| Chrysler | 300M | 1999 | |
| | Cirrus | 2000-1998 | |
| | Concorde | 1999-1998 | |
| | Intrepid | 1999-1998 | |
| | LHS | 1999 | |
| | Prowler | 2002-2001 | |
| | Sebring | 2000-1998 | |
| Dodge | Intrepid | 1999-1998 | |
| | Stratus | 2000-1998 | |
| Plymouth | Breeze | 2000-1998 | |
| | Prowler | 1997 | |
| | Prowler | 2001-1999 | |

| 23051 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|----------------|----------------------------|--|
| L Length: 18 inches (460mm) | | 4 Lead Terminated | |
| Chrysler | Pacifica | 2005 | |
| | Town & Country | 2005-2004 | |
| Dodge | Caravan | 2005-2004 | |
| | Grand Caravan | 2005-2004 | |

| 23055 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------|----------------------------|--|
| L Length: 27.25 inches (690mm) | | 4 Lead Terminated | |
| Chrysler | Sebring | 2000-1998 | |
| Dodge | Avenger | 2000-1998 | |

| 23057 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------|----------------------------|--|
| L Length: 12.25 inches (310mm) | | 4 Lead Terminated | |
| Fiat | 500X | 2017-2016 | |
| Jeep | Renegade | 2017-2015 | |

| 23058 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|------------|----------------------------|--|
| L Length: 31 inches (790mm) | | 4 Lead Terminated | |
| Fiat | 124 Spider | 2018-2017 | |

| 23069 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|---------|----------------------------|--|
| L Length: 18 inches (457mm) | | 4 Lead Terminated | |
| Dodge | Durango | 2004 | |

| 23070 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|----------------|----------------------------|--|
| L Length: 10 inches (254mm) | | 4 Lead Terminated | |
| Dodge | Durango | 2011 | |
| Jeep | Grand Cherokee | 2011 | |
| | Wrangler | 2011-2010 | |

| 23088 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|----------------|----------------------------|--|
| L Length: 14 inches (356mm) | | 4 Lead Terminated | |
| Jeep | Grand Cherokee | 2000-1997 | |

| 23093 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------|----------------------------|--|
| L Length: 16.75 inches (425mm) | | 4 Lead Terminated | |
| Chrysler | Cirrus | 1997-1995 | |
| | Stratus | 1997-1995 | |
| Plymouth | Breeze | 1997-1996 | |

| 23094 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|------|----------------------------|--|
| L Length: 35.25 inches (895mm) | | 4 Lead Terminated | |
| Dodge | Neon | 1996-1995 | |
| Plymouth | Neon | 1996-1995 | |

| 23097 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|------|----------------------------|--|
| L Length: 32.75 inches (830mm) | | 4 Lead Terminated | |
| Dodge | Neon | 1999-1997 | |
| Plymouth | Neon | 1999-1997 | |

| 23098 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|------|----------------------------|--|
| L Length: 14 inches (355mm) | | 4 Lead Terminated | |
| Chrysler | Neon | 2002-2000 | |
| Dodge | Neon | 2002-2000 | |
| Plymouth | Neon | 2001-2000 | |

| 23099 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|--------------|----------------------------|-----------|
| L Length: 18 inches (457mm) | | 4 Lead Terminated | |
| Dodge | B1500 | 1998-1997 | |
| | B2500 | 1998-1997 | |
| | B3500 | 1998-1997 | |
| | Dakota | 2000-1997 | |
| | Durango | 2000-1998 | |
| | Ram 1500 | 2001-1997 | |
| | Ram 1500 Van | 2000-1999 | |
| | Ram 2500 | 2001-1997 | |
| | Ram 2500 Van | 2000-1999 | |
| | Ram 3500 | 2001-1997 | |
| | Ram 3500 Van | 2000-1999 | |
| | Viper | 2002-1999 | |
| | Jeep | Cherokee | 2001-1997 |
| Grand Cherokee | | 2000-1999 | |
| TJ | | 2000-1997 | |
| Wrangler | 2000-1997 | | |

| 23100 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------|----------------------------|--|
| L Length: 41.5 inches (1055mm) | | 4 Lead Terminated | |
| Chrysler | Sebring | 2000-1998 | |
| Dodge | Avenger | 2000-1998 | |

| 23101 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------|----------------------------|--|
| L Length: 50.5 inches (1285mm) | | 4 Lead Terminated | |
| Chrysler | Sebring | 2000-1998 | |
| Dodge | Avenger | 2000-1998 | |

| 23102 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------|----------------------------|--|
| L Length: 20.75 inches (530mm) | | 4 Lead Terminated | |
| Chrysler | Sebring | 2000-1998 | |
| Dodge | Avenger | 2000-1998 | |

| 23105 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------------|----------------------------|--|
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Chrysler | Grand Voyager | 2000 | |
| | Town & Country | 2000-1998 | |
| | Voyager | 2000 | |
| Dodge | Caravan | 2000-1998 | |
| | Grand Caravan | 2000-1998 | |
| Plymouth | Grand Voyager | 2000-1998 | |
| | Voyager | 2000-1998 | |

| 23106 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------|----------------------------|--|
| L Length: 16.75 inches (425mm) | | 4 Lead Terminated | |
| Chrysler | Cirrus | 2000-1998 | |
| Dodge | Stratus | 2000-1998 | |



| | | | |
|--------------------------------|----------------|-----------------------------------|-----------|
| 23106 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
| L Length: 16.75 inches (425mm) | | 4 Lead Terminated | |
| Plymouth | Breeze | 2000-1998 | |
| 23108 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Chrysler | Sebring | 2000-1996 | |
| 23110 | | OE Type Heated ZrO2 Sensor | |
| L Length: 9.5 inches (241mm) | | 4 Lead Terminated | |
| Jeep | Cherokee | 2001-2000 | |
| | TJ | 2000 | |
| | Wrangler | 2000 | |
| 23114 | | OE Type Heated ZrO2 Sensor | |
| L Length: 24.5 inches (620mm) | | 4 Lead Terminated | |
| Chrysler | Sebring | 2000-1998 | |
| Dodge | Avenger | 2000-1998 | |
| 23115 | | OE Type Heated ZrO2 Sensor | |
| L Length: 20.25 inches (515mm) | | 4 Lead Terminated | |
| Chrysler | Sebring | 2000-1998 | |
| Dodge | Avenger | 2000-1998 | |
| 23118 | | OE Type Heated ZrO2 Sensor | |
| L Length: 16.75 inches (425mm) | | 4 Lead Terminated | |
| Chrysler | Voyager | 2000 | |
| Dodge | Caravan | 2000-1998 | |
| Plymouth | Voyager | 2000-1998 | |
| 23119 | | OE Type Heated ZrO2 Sensor | |
| L Length: 22 inches (559mm) | | 4 Lead Terminated | |
| Jeep | Grand Cherokee | 1995-1993 | |
| 23121 | | OE Type Heated ZrO2 Sensor | |
| L Length: 22 inches (559mm) | | 4 Lead Terminated | |
| Jeep | Cherokee | 1996 | |
| | Grand Cherokee | 1998-1996 | |
| 23122 | | OE Type Heated ZrO2 Sensor | |
| L Length: 10.25 inches (260mm) | | 4 Lead Terminated | |
| Jeep | Grand Cherokee | 2000-1999 | |
| | TJ | 2000 | |
| | Wrangler | 2000 | |
| 23123 | | OE Type Heated ZrO2 Sensor | |
| L Length: 31.75 inches (805mm) | | 4 Lead Terminated | |
| Chrysler | Neon | 2000 | |
| Dodge | Neon | 2000 | |
| Plymouth | Neon | 2000 | |
| 23124 | | OE Type Heated ZrO2 Sensor | |
| L Length: 10.75 inches (270mm) | | 4 Lead Terminated | |
| Chrysler | Neon | 2002-2001 | |
| | PT Cruiser | 2002-2001 | |
| | Neon | 2002-2001 | |
| Plymouth | Neon | 2001 | |
| 23125 | | OE Type Heated ZrO2 Sensor | |
| L Length: 10.75 inches (270mm) | | 4 Lead Terminated | |
| Chrysler | PT Cruiser | 2003 | |
| Dodge | Neon | 2005-2003 | |
| | SX 2.0 | 2005-2003 | |
| 23126 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Dodge | Caravan | 1999-1998 | |
| | Grand Caravan | 1999-1998 | |
| | Neon | 1999-1998 | |
| Plymouth | Grand Voyager | 1999-1998 | |
| | Neon | 1999-1998 | |
| | Voyager | 1999-1998 | |
| 23127 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Chrysler | Neon | 2000 | |
| 23127 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Dodge | Neon | 2000 | |
| Plymouth | Neon | 2000 | |
| 23128 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Chrysler | 300M | 2000 | |
| | Concorde | 2000 | |
| | Intrepid | 2000 | |
| | LHS | 2000 | |
| Dodge | Intrepid | 2000 | |
| 23129 | | OE Type Heated ZrO2 Sensor | |
| L Length: 16.75 inches (425mm) | | 4 Lead Terminated | |
| Chrysler | Sebring | 2002-2001 | |
| Dodge | Stratus | 2002-2001 | |
| 23130 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Chrysler | Voyager | 2002-2001 | |
| Dodge | Caravan | 2002-2001 | |
| 23131 | | OE Type Heated ZrO2 Sensor | |
| L Length: 15 inches (380mm) | | 4 Lead Terminated | |
| Chrysler | 300M | 2002 | |
| | Concorde | 2002 | |
| | Intrepid | 2002 | |
| | PT Cruiser | 2002-2001 | |
| Dodge | Intrepid | 2002 | |
| 23132 | | OE Type Heated ZrO2 Sensor | |
| L Length: 18 inches (457mm) | | 4 Lead Terminated | |
| Dodge | Dakota | 2004-2001 | |
| | Durango | 2004-2001 | |
| | Ram 1500 | 2006-2001 | |
| | Ram 1500 Van | 2002-2001 | |
| | Ram 2500 | 2004-2001 | |
| | Ram 2500 Van | 2002-2001 | |
| | Ram 3500 | 2004-2001 | |
| | Ram 3500 Van | 2002-2001 | |
| | Viper | 2006-2003 | |
| | Jeep | Grand Cherokee | 2004 |
| Liberty | | 2004 | |
| TJ | | 2004 | |
| Wrangler | | 2004 | |
| 23133 | | OE Type Heated ZrO2 Sensor | |
| L Length: 15 inches (380mm) | | 4 Lead Terminated | |
| Chrysler | 300M | 2004-2001 | |
| | Concorde | 2004-2001 | |
| | Intrepid | 2004-2001 | |
| | LHS | 2001 | |
| | Sebring | 2004-2001 | |
| | Dodge | Intrepid | 2004-2001 |
| | Stratus | 2004-2001 | |
| 23134 | | OE Type Heated ZrO2 Sensor | |
| L Length: 20.5 inches (520mm) | | 4 Lead Terminated | |
| Chrysler | Town & Country | 2003-2001 | |
| | Voyager | 2003-2001 | |
| Dodge | Caravan | 2003-2001 | |
| | Grand Caravan | 2003-2001 | |
| 23135 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Dodge | Dakota | 2004-2001 | |
| | Durango | 2004-2001 | |
| | Ram 1500 | 2006-2001 | |
| | Ram 1500 Van | 2002-2001 | |
| | Ram 2500 | 2004-2001 | |
| | Ram 2500 Van | 2002-2001 | |
| | Ram 3500 | 2004-2001 | |



23135 (Cont'd) OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|----------------|-------------------|
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated |
| Dodge | Ram 3500 Van | 2002-2001 |
| Jeep | Grand Cherokee | 2004 |
| | Liberty | 2004 |
| | TJ | 2004 |
| | Wrangler | 2004 |

23137 OE Type Heated ZrO2 Sensor

| | | |
|-----------------------------|----------------|-------------------|
| L Length: 18 inches (457mm) | | 4 Lead Terminated |
| Dodge | Dakota | 2003-2001 |
| | Durango | 2003-2001 |
| | Ram 1500 | 2006-2004 |
| | Ram 2500 | 2003 |
| | Ram 3500 | 2003 |
| | Viper | 2006-2003 |
| Jeep | Grand Cherokee | 2004 |
| | TJ | 2004 |
| | Wrangler | 2004 |

23138 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|----------------|-------------------|
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated |
| Dodge | Dakota | 2003-2001 |
| | Durango | 2003-2002 |
| | Ram 1500 | 2003-2001 |
| | Ram 1500 Van | 2003-2001 |
| | Ram 2500 | 2002-2001 |
| | Ram 2500 Van | 2003-2001 |
| | Ram 3500 | 2002-2001 |
| | Ram 3500 Van | 2003-2001 |
| Jeep | Grand Cherokee | 2003-2001 |
| | Liberty | 2003-2002 |
| | TJ | 2003-2001 |
| | Wrangler | 2004-2001 |

23139 OE Type Heated ZrO2 Sensor

| | | |
|-----------------------------|----------------|-------------------|
| L Length: 18 inches (457mm) | | 4 Lead Terminated |
| Dodge | Ram 1500 | 2003-2001 |
| | Ram 2500 | 2002-2001 |
| | Ram 3500 | 2002-2001 |
| Jeep | Grand Cherokee | 2003-2001 |
| | Liberty | 2003-2002 |
| | TJ | 2003-2001 |
| | Wrangler | 2003-2001 |

23140 OE Type Heated ZrO2 Sensor

| | | |
|-----------------------------|----------------|-------------------|
| L Length: 18 inches (457mm) | | 4 Lead Terminated |
| Dodge | Ram 1500 | 2003-2001 |
| | Ram 1500 Van | 2003-2001 |
| | Ram 2500 | 2002 |
| | Ram 2500 Van | 2003-2001 |
| | Ram 3500 | 2002 |
| | Ram 3500 Van | 2003-2001 |
| Jeep | Grand Cherokee | 2003-2001 |

23141 OE Type Heated ZrO2 Sensor

| | | |
|-----------------------------|----------------|-------------------|
| L Length: 18 inches (457mm) | | 4 Lead Terminated |
| Dodge | Dakota | 2003-2001 |
| | Durango | 2003-2001 |
| | Ram 1500 | 2003 |
| Jeep | Grand Cherokee | 2003-2001 |
| | Liberty | 2003-2002 |
| | TJ | 2003-2001 |
| | Wrangler | 2004-2001 |

23142 OE Type Heated ZrO2 Sensor

| | | |
|-------------------------------|----------|-------------------|
| L Length: 13.5 inches (342mm) | | 4 Lead Terminated |
| Jeep | Liberty | 2003-2002 |
| | TJ | 2003-2001 |
| | Wrangler | 2003-2001 |

23143 OE Type Heated ZrO2 Sensor

| | | |
|-----------------------------|------------|-------------------|
| L Length: 15 inches (380mm) | | 4 Lead Terminated |
| Chrysler | PT Cruiser | 2003 |
| Dodge | Neon | 2004-2003 |
| | SX 2.0 | 2004-2003 |
| Jeep | Wrangler | 2011-2010 |

23144 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|---------|-------------------|
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated |
| Chrysler | Voyager | 2003 |
| Dodge | Caravan | 2003 |

23145 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|----------|-------------------|
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated |
| Chrysler | 300M | 2004-2003 |
| | Concorde | 2004-2003 |
| | Intrepid | 2004-2003 |
| Dodge | Intrepid | 2004-2003 |

23146 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|---------|-------------------|
| L Length: 16.75 inches (425mm) | | 4 Lead Terminated |
| Chrysler | Sebring | 2004-2003 |
| Dodge | Stratus | 2004-2003 |

23148 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|--------|-------------------|
| L Length: 35.25 inches (895mm) | | 4 Lead Terminated |
| Dodge | D100 | 1989-1988 |
| | D150 | 1989-1988 |
| | D250 | 1989-1988 |
| | Dakota | 1993-1988 |
| | W100 | 1989 |
| | W150 | 1989 |

23151 OE Type Heated ZrO2 Sensor

| | | |
|-----------------------------|----------------|-------------------|
| L Length: 18 inches (457mm) | | 4 Lead Terminated |
| Dodge | Dakota | 1999-1998 |
| | Ram 1500 | 1999-1996 |
| | Ram 1500 | 2001 |
| | Ram 2500 | 2001-1996 |
| | Ram 3500 | 2001-1996 |
| | Viper | 2002-1996 |
| Jeep | Cherokee | 2001-1997 |
| | Grand Cherokee | 2000-1999 |
| | TJ | 1999-1997 |
| | Wrangler | 1999-1997 |

23152 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|----------|-------------------|
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated |
| Dodge | Ram 2500 | 2003 |
| | Ram 3500 | 2003 |

23154 OE Type Heated ZrO2 Sensor

| | | |
|-----------------------------|------|-------------------|
| L Length: 25 inches (637mm) | | 4 Lead Terminated |
| Ram | 3500 | 2014 |
| | 4500 | 2014 |
| | 5500 | 2014 |

23155 OE Type Heated ZrO2 Sensor

| | | |
|-------------------------------|--------|-------------------|
| L Length: 24.5 inches (625mm) | | 4 Lead Terminated |
| Dodge | Neon | 2005 |
| | SX 2.0 | 2005 |

23158 OE Type Heated ZrO2 Sensor

| | | |
|-----------------------------|----------------|-------------------|
| L Length: 18 inches (457mm) | | 4 Lead Terminated |
| Chrysler | 300 | 2010-2005 |
| | Aspen | 2009-2008 |
| | Pacifica | 2008-2005 |
| | PT Cruiser | 2010-2004 |
| | Sebring | 2006-2004 |
| | Town & Country | 2010-2004 |
| | Dodge | Caravan |
| Charger | Charger | 2010-2009 |
| | Charger | 2010-2006 |



| 23158 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|---------------|-----------------------------------|-----------|
| L Length: 18 inches (457mm) | | 4 Lead Terminated | |
| Dodge | Dakota | | 2010-2005 |
| | Durango | | 2005 |
| | Durango | | 2009-2007 |
| | Grand Caravan | | 2010-2004 |
| | Magnum | | 2008-2005 |
| | Neon | | 2005-2004 |
| | Ram 1500 | | 2010-2007 |
| | Ram 2500 | | 2010-2005 |
| | Ram 3500 | | 2009-2005 |
| | Stratus | | 2006-2004 |
| | SX 2.0 | | 2005-2004 |
| | Viper | | 2010-2008 |
| | Jeep | Liberty | |
| TJ | | | 2006-2005 |
| Wrangler | | | 2006-2005 |
| Mitsubishi | Raider | | 2009-2006 |
| Ram | 1500 | | 2011 |
| | 2500 | | 2011 |
| | 3500 | | 2011 |
| | Dakota | | 2011 |
| Volkswagen | Routan | | 2010-2009 |

| 23159 | | OE Type Heated ZrO2 Sensor | | |
|--------------------------------|----------------|-----------------------------------|-----------|-----------|
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | | |
| Chrysler | 300 | | 2012-2005 | |
| | Aspen | | 2009-2007 | |
| | Pacifica | | 2008-2007 | |
| | PT Cruiser | | 2010-2004 | |
| | Sebring | | 2010-2004 | |
| | Town & Country | | 2010-2008 | |
| | Dodge | Avenger | | 2010-2008 |
| | | Caravan | | 2007-2004 |
| Challenger | | | 2011-2008 | |
| Charger | | | 2012-2006 | |
| Dakota | | | 2010-2005 | |
| Durango | | | 2009-2005 | |
| Grand Caravan | | | 2010-2008 | |
| Journey | | | 2010-2009 | |
| Magnum | | | 2008-2005 | |
| Neon | | | 2005-2004 | |
| Nitro | | | 2011-2007 | |
| Ram 1500 | | | 2010-2005 | |
| Ram 2500 | | | 2010-2007 | |
| Ram 3500 | | | 2009-2007 | |
| Stratus | | | 2006-2004 | |
| Jeep | | Commander | | 2010-2006 |
| | | Grand Cherokee | | 2010-2005 |
| | Liberty | | 2012-2004 | |
| | TJ | | 2006-2005 | |
| | Wrangler | | 2009-2005 | |
| Mitsubishi | Raider | | 2009-2006 | |
| Ram | 1500 | | 2013-2011 | |
| | 2500 | | 2011 | |
| | 3500 | | 2011 | |
| | Dakota | | 2011 | |
| Volkswagen | Routan | | 2010-2009 | |

| 23160 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------|-----------------------------------|-----------|
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Chrysler | 300 | | 2006-2005 |
| Dodge | Charger | | 2006 |
| | Dakota | | 2006-2005 |
| | Durango | | 2006-2005 |
| | Magnum | | 2006-2005 |
| | Ram 1500 | | 2006-2005 |
| | Ram 2500 | | 2006-2005 |

| 23160 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------------|-----------------------------------|-----------|
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Dodge | Ram 3500 | | 2006-2005 |
| Jeep | Commander | | 2006 |
| | Grand Cherokee | | 2006-2005 |
| | Liberty | | 2006-2005 |
| | TJ | | 2006-2005 |
| | Wrangler | | 2006-2005 |
| Mitsubishi | Raider | | 2006 |

| 23161 | | OE Type Heated ZrO2 Sensor | | |
|-----------------------------|----------------|-----------------------------------|-----------|-----------|
| L Length: 14 inches (356mm) | | 4 Lead Terminated | | |
| Chrysler | 200 | | 2017-2011 | |
| | 300 | | 2012 | |
| | 300 | | 2018-2014 | |
| | Pacifica | | 2018-2017 | |
| | Town & Country | | 2016-2011 | |
| Dodge | Avenger | | 2014-2011 | |
| | Caliber | | 2012-2011 | |
| | Challenger | | 2012 | |
| | Challenger | | 2018-2015 | |
| | Charger | | 2018-2012 | |
| | Durango | | 2018-2012 | |
| | Grand Caravan | | 2018-2011 | |
| | Journey | | 2018-2011 | |
| | Jeep | Cherokee | | 2018-2014 |
| | | Compass | | 2017-2011 |
| Grand Cherokee | | | 2018-2012 | |
| Patriot | | | 2017-2011 | |
| Wrangler | | | 2018-2012 | |
| Wrangler JK | | | 2018 | |
| Ram | | 1500 | | 2018-2012 |
| | | 2500 | | 2018-2012 |
| | 3500 | | 2018-2012 | |
| | 4500 | | 2014 | |
| | 5500 | | 2014 | |
| | C/V | | 2015-2012 | |
| Volkswagen | Routan | | 2014-2011 | |

| 23162 | | OE Type Heated ZrO2 Sensor | | |
|-----------------------------|----------------|-----------------------------------|-----------|-----------|
| L Length: 10 inches (254mm) | | 4 Lead Terminated | | |
| Chrysler | 200 | | 2017-2011 | |
| | 300 | | 2018-2011 | |
| | Pacifica | | 2018-2017 | |
| | Town & Country | | 2016-2011 | |
| | Dodge | Avenger | | 2014-2011 |
| Challenger | | | 2018-2011 | |
| Charger | | | 2018-2011 | |
| Dart | | | 2016-2013 | |
| Durango | | | 2018-2011 | |
| Grand Caravan | | | 2018-2011 | |
| Journey | | | 2018-2011 | |
| Viper | | | 2017-2015 | |
| Fiat | | 500X | | 2018-2016 |
| Jeep | | Cherokee | | 2018-2014 |
| | Compass | | 2018 | |
| | Grand Cherokee | | 2018-2011 | |
| | Renegade | | 2018-2015 | |
| | Wrangler | | 2018-2012 | |
| | Wrangler JK | | 2018 | |
| | Ram | 1500 | | 2018-2013 |
| | | 2500 | | 2018-2012 |
| 3500 | | | 2018-2012 | |
| 4500 | | | 2014 | |
| 5500 | | | 2014 | |
| C/V | | | 2015-2012 | |
| | ProMaster 1500 | | 2018-2014 | |
| | ProMaster 2500 | | 2018-2014 | |



| 23162 (Cont'd) OE Type Heated ZrO2 Sensor | |
|--|---|
| L Length: 10 inches (254mm) 4 Lead Terminated | |
| Ram | ProMaster 3500 2018-2014 ProMaster City 2018-2015 |
| SRT | Viper 2014-2013 |
| Volkswagen | Routan 2014-2011 |
| 23163 OE Type Heated ZrO2 Sensor | |
| L Length: 26.75 inches (680mm) 4 Lead Terminated | |
| Fiat | 500 2017-2012 |
| 23164 OE Type Heated ZrO2 Sensor | |
| L Length: 12.25 inches (310mm) 4 Lead Terminated | |
| Dodge | Dart 2016-2013 |
| Fiat | 500L 2017-2014 |
| 23165 OE Type Heated ZrO2 Sensor | |
| L Length: 18 inches (457mm) 4 Lead Terminated | |
| Dodge | Dart 2016-2013 Viper 2017-2015 |
| Ram | 1500 2018-2012 2500 2018-2012 3500 2018-2012 |
| SRT | Viper 2014-2013 |
| 23500 OE Type Unheated ZrO2 Sensor | |
| L Length: 19.75 inches (500mm) 1 Lead Terminated | |
| Chrysler | Conquest 1989-1987 |
| Dodge | Conquest 1986-1984 |
| Mitsubishi | Starion 1989-1983 |
| Plymouth | Conquest 1986-1984 |
| 23501 OE Type Unheated ZrO2 Sensor | |
| L Length: 17.75 inches (450mm) 2 Lead Terminated | |
| Dodge | Ram 50 1993-1990 |
| Mitsubishi | Mighty Max 1995-1990 |
| 23502 OE Type Heated TiO2 Sensor | |
| L Length: 10.75 inches (275mm) 3 Lead Terminated | |
| Jeep | Cherokee 1990-1987 Comanche 1990-1986 Wagoneer 1987 Wrangler 1990-1987 |
| 23506 OE Type Heated ZrO2 Sensor | |
| L Length: 14 inches (355mm) 4 Lead Terminated | |
| Chrysler | Grand Voyager 2000 Sebring 2000-1998 Town & Country 2000-1998 Voyager 2000 |
| Dodge | Avenger 2000-1998 B1500 1998-1996 B2500 1998-1996 B3500 1998-1996 Caravan 2000-1998 Dakota 2000-1996 Durango 2000-1998 Grand Caravan 2000-1998 Ram 1500 2001-1996 Ram 1500 Van 2000-1999 Ram 2500 2001-1996 Ram 2500 Van 2000-1999 Ram 3500 2001-1996 Ram 3500 Van 2000-1999 |
| Jeep | Cherokee 2001-1996 Grand Cherokee 1999-1996 TJ 1997 TJ 2000-1999 Wrangler 1997 Wrangler 2000-1999 |
| Plymouth | Grand Voyager 2000-1998 Voyager 2000-1998 |

| 23509 OE Type Heated ZrO2 Sensor | |
|--|---|
| L Length: 17.75 inches (450mm) 4 Lead Terminated | |
| Dodge | Dakota 2000 Durango 2000 |
| Jeep | Grand Cherokee 2000-1999 |
| 23511 OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) 4 Lead Terminated | |
| Dodge | Dakota 2000 Durango 2000 |
| Jeep | Grand Cherokee 2000-1999 |
| 23512 OE Type Heated ZrO2 Sensor | |
| L Length: 17.75 inches (450mm) 4 Lead Terminated | |
| Chrysler | Neon 2002-2000 |
| Dodge | Neon 2002-2000 |
| Jeep | Grand Cherokee 2000-1999 |
| Plymouth | Neon 2001-2000 |
| 23513 OE Type Heated ZrO2 Sensor | |
| L Length: 21.75 inches (550mm) 4 Lead Terminated | |
| Dodge | Colt 1994 |
| Eagle | Summit 1996-1993 |
| Mitsubishi | Eclipse 2000 Expo 1995-1993 Expo LRV 1994-1993 Galant 2000-1999 Lancer 2007-2002 Outlander 2003 |
| Plymouth | Colt 1994-1993 |
| 23514 OE Type Heated ZrO2 Sensor | |
| L Length: 16.75 inches (425mm) 4 Lead Terminated | |
| Dodge | Colt 1994-1993 Ram 50 1993 |
| Eagle | Summit 1996-1993 |
| Mitsubishi | Expo 1995-1993 Expo LRV 1994-1993 Mighty Max 1996-1993 |
| Plymouth | Colt 1994-1993 |
| 23515 OE Type Heated ZrO2 Sensor | |
| L Length: 12.75 inches (325mm) 4 Lead Terminated | |
| Dodge | Colt 1994-1993 |
| Eagle | Summit 1996-1993 |
| Mitsubishi | Eclipse 1999-1996 Expo 1995-1993 Expo LRV 1994-1993 Galant 1988 Mirage 1996-1993 Sigma 1990-1989 |
| Plymouth | Colt 1994-1993 |
| 23516 OE Type Heated ZrO2 Sensor | |
| L Length: 18.75 inches (475mm) 4 Lead Terminated | |
| Mitsubishi | Montero 1996-1992 Montero Sport 1999-1997 |
| 23517 OE Type Heated ZrO2 Sensor | |
| L Length: 12.75 inches (325mm) 4 Lead Terminated | |
| Mitsubishi | Montero Sport 2000-1997 |
| 23518 OE Type Heated ZrO2 Sensor | |
| L Length: 26.5 inches (675mm) 4 Lead Terminated | |
| Dodge | Stealth 1996-1994 |
| Eagle | Summit 1996-1995 |
| Mitsubishi | 3000GT 1999-1994 Diamante 1996-1994 Diamante 2004-1999 Expo 1995 Mirage 1996-1995 Montero 2006-1994 Montero Sport 2004-1997 |



| | | | |
|--------------------------------|-----------------|-------------------------------------|--|
| 23519 | | OE Type Heated ZrO2 Sensor | |
| L Length: 23.5 inches (600mm) | | 4 Lead Terminated | |
| Dodge | Ram 50 | 1991-1990 | |
| | Ram 50 | 1993 | |
| Mitsubishi | Eclipse | 1999-1998 | |
| | Mighty Max | 1996-1990 | |
| 23520 | | OE Type Heated ZrO2 Sensor | |
| L Length: 16.75 inches (425mm) | | 4 Lead Terminated | |
| Dodge | Ram 50 | 1993 | |
| Mitsubishi | Mighty Max | 1996-1993 | |
| 23521 | | OE Type Heated ZrO2 Sensor | |
| L Length: 23 inches (585mm) | | 4 Lead Terminated | |
| Mitsubishi | Diamante | 2004-1999 | |
| | Eclipse | 2012-2006 | |
| | Endeavor | 2008-2004 | |
| | Endeavor | 2011-2010 | |
| | Galant | 2009-2004 | |
| | Montero | 2000-1995 | |
| | Montero Sport | 2004-1997 | |
| | Outlander | 2018-2007 | |
| 23522 | | OE Type Heated ZrO2 Sensor | |
| L Length: 28.5 inches (725mm) | | 4 Lead Terminated | |
| Chrysler | Sebring | 2005-2001 | |
| Dodge | Stratus | 2005-2001 | |
| Mitsubishi | Eclipse | 2012-2000 | |
| | Galant | 2009-1999 | |
| | Montero | 1999-1995 | |
| | Montero | 2006-2001 | |
| 23523 | | OE Type Heated ZrO2 Sensor | |
| L Length: 34.75 inches (885mm) | | 4 Lead Terminated | |
| Dodge | Stealth | 1996-1994 | |
| Mitsubishi | 3000GT | 1999-1994 | |
| | Diamante | 1996-1994 | |
| | Endeavor | 2008-2004 | |
| | Endeavor | 2011-2010 | |
| | Montero | 1997 | |
| | Montero Sport | 1999-1997 | |
| 23524 | | OE Type Heated ZrO2 Sensor | |
| L Length: 30.75 inches (780mm) | | 4 Lead Terminated | |
| Mitsubishi | Eclipse | 2012-2006 | |
| | Montero | 2006-1998 | |
| | Montero Sport | 2004-1999 | |
| | Outlander | 2013-2007 | |
| 23525 | | OE Type Heated ZrO2 Sensor | |
| L Length: 21.75 inches (550mm) | | 4 Lead Terminated | |
| Chrysler | Sebring | 2005-2001 | |
| Dodge | Stratus | 2005-2001 | |
| Mitsubishi | Eclipse | 2005-2000 | |
| | Galant | 2003-1999 | |
| 23526 | | OE Type Heated ZrO2 Sensor | |
| L Length: 13.75 inches (350mm) | | 4 Lead Terminated | |
| Jeep | Grand Cherokee | 2004-2001 | |
| 23527 | | OE Type Heated ZrO2 Sensor | |
| L Length: 18 inches (460mm) | | 4 Lead Terminated | |
| Chrysler | Aspen | 2007 | |
| | Pacifica | 2006-2005 | |
| Dodge | Dakota | 2007-2003 | |
| | Durango | 2007-2002 | |
| | Ram 1500 | 2004-2003 | |
| Mitsubishi | Raider | 2007-2006 | |
| 23529 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Jeep | Grand Cherokee | 2004-2001 | |
| 23531 | | OE Type Heated ZrO2 Sensor | |
| L Length: 18.25 inches (465mm) | | 4 Lead Terminated | |
| Jeep | Grand Cherokee | 2004 | |
| | TJ | 2004 | |
| | Wrangler | 2004 | |
| 23532 | | OE Type Heated ZrO2 Sensor | |
| L Length: 18.25 inches (465mm) | | 4 Lead Terminated | |
| Dodge | Ram 1500 | 2002 | |
| Jeep | Grand Cherokee | 2004-2001 | |
| 23533 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Dodge | Dakota | 2002-2001 | |
| | Durango | 2002-2001 | |
| | Ram 1500 | 2002 | |
| Jeep | Grand Cherokee | 2004-2001 | |
| 23537 | | OE Type Heated ZrO2 Sensor | |
| L Length: 18.25 inches (465mm) | | 4 Lead Terminated | |
| Dodge | Dakota | 2002-2001 | |
| | Durango | 2002-2001 | |
| | Ram 1500 | 2002 | |
| 23538 | | OE Type Heated ZrO2 Sensor | |
| L Length: 15.25 inches (385mm) | | 4 Lead Terminated | |
| Chrysler | Town & Country | 2003-2001 | |
| | Voyager | 2003-2001 | |
| Dodge | Caravan | 2003-2001 | |
| | Grand Caravan | 2003-2001 | |
| 23544 | | OE Type Heated ZrO2 Sensor | |
| L Length: 12 inches (305mm) | | 4 Lead Terminated | |
| Dodge | Dakota | 2002-2001 | |
| | Durango | 2002-2001 | |
| | Ram 1500 | 2002 | |
| 23549 | | OE Type Heated ZrO2 Sensor | |
| L Length: 19 inches (480mm) | | 4 Lead Terminated | |
| Dodge | Stealth | 1996-1991 | |
| Mitsubishi | 3000GT | 1999-1991 | |
| | Diamante | 1996-1994 | |
| | Mirage | 2002-1997 | |
| | Montero | 1995 | |
| 23550 | | OE Type Heated ZrO2 Sensor | |
| L Length: 28.5 inches (725mm) | | 4 Lead Terminated | |
| Mitsubishi | Lancer | 2006-2003 | |
| | Montero | 2006-2001 | |
| | Montero Sport | 2004-1999 | |
| 23551 | | OE Type Heated ZrO2 Sensor | |
| L Length: 27.5 inches (700mm) | | 4 Lead Terminated | |
| Chrysler | Sebring | 2005-2001 | |
| Dodge | Stratus | 2005-2001 | |
| Mitsubishi | Diamante | 2004-1999 | |
| | Eclipse | 2005-1998 | |
| | Endeavor | 2008-2004 | |
| | Endeavor | 2011-2010 | |
| | Galant | 2003-1994 | |
| | Lancer | 2010-2008 | |
| | Montero | 2000-1998 | |
| 23552 | | OE Type Unheated ZrO2 Sensor | |
| L Length: 7 inches (175mm) | | 1 Lead Terminated | |
| American Motors | Concord | 1983-1981 | |
| | Eagle | 1983-1981 | |
| | Spirit | 1983-1981 | |
| Ford | Aerostar | 1986 | |
| | Bronco | 1987-1980 | |
| | Bronco II | 1985-1984 | |
| | Courier | 1982-1979 | |
| | E-100 Econoline | 1983-1980 | |
| | | | |



| 23552 (Cont'd) | | OE Type Unheated ZrO2 Sensor | |
|--------------------------------|----------------------------|------------------------------|--|
| L Length: 7 inches (175mm) | | 1 Lead Terminated | |
| Ford | E-100 Econoline Club Wagon | 1983-1980 | |
| | E-150 Econoline | 1985-1980 | |
| | E-150 Econoline Club Wagon | 1985-1980 | |
| | E-250 Econoline | 1985-1980 | |
| | E-250 Econoline Club Wagon | 1983-1980 | |
| | E-350 Econoline | 1983-1980 | |
| | E-350 Econoline Club Wagon | 1983-1980 | |
| | Escort | 1985-1983 | |
| | EXP | 1985-1983 | |
| | F-100 | 1983-1980 | |
| | F-150 | 1985-1980 | |
| | F-250 | 1985-1980 | |
| | F-350 | 1985-1980 | |
| | Fairmont | 1983-1979 | |
| | Granada | 1982-1980 | |
| | LTD | 1986-1979 | |
| | LTD Crown Victoria | 1987 | |
| | LTD II | 1979 | |
| | Mustang | 1986-1979 | |
| | Pinto | 1980-1979 | |
| | Ranchero | 1979 | |
| | Ranger | 1985-1983 | |
| | Thunderbird | 1987-1979 | |
| Jeep | Cherokee | 1983-1981 | |
| | CJ5 | 1983-1981 | |
| | CJ7 | 1983-1981 | |
| | DJ5 | 1983-1981 | |
| | J10 | 1983-1981 | |
| | Scrambler | 1983-1981 | |
| | Wagoneer | 1983-1981 | |
| Lincoln | Continental | 1980 | |
| | Continental | 1985-1982 | |
| | Mark VI | 1983-1980 | |
| | Mark VII | 1985-1984 | |
| | Town Car | 1985-1981 | |
| | Versailles | 1980 | |
| Mercury | Bobcat | 1980-1979 | |
| | Capri | 1986-1979 | |
| | Cougar | 1987-1979 | |
| | Grand Marquis | 1987-1979 | |
| | LN7 | 1983 | |
| | Lynx | 1985-1983 | |
| | Marquis | 1986-1979 | |
| | Monarch | 1980 | |
| | Zephyr | 1983-1979 | |
| Merkur | XR4Ti | 1986-1985 | |
| 23553 | | OE Type Heated TiO2 Sensor | |
| L Length: 10.75 inches (275mm) | | 3 Lead Terminated | |
| Dodge | Monaco | 1990 | |
| Eagle | Premier | 1990-1988 | |
| Jeep | Cherokee | 1990-1987 | |
| | Comanche | 1990-1987 | |
| | Wagoneer | 1990-1988 | |
| Renault | Alliance | 1987 | |
| 23556 | | OE Type Heated ZrO2 Sensor | |
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated | |
| Chrysler | Aspen | 2007 | |
| | Pacifica | 2006-2005 | |
| Dodge | Dakota | 2007-2003 | |
| | Durango | 2007-2003 | |
| | Ram 1500 | 2003 | |
| | Ram 1500 | 2007-2005 | |
| Jeep | Commander | 2007-2006 | |
| | Grand Cherokee | 2007-2005 | |

| 23556 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------------|------------------------------|--|
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated | |
| Mitsubishi | Raider | 2007-2006 | |
| 23557 | | OE Type Unheated ZrO2 Sensor | |
| L Length: 25.5 inches (650mm) | | 1 Lead Terminated | |
| Dodge | Colt | 1991-1989 | |
| Eagle | Vista | 1991-1989 | |
| Plymouth | Colt | 1991-1989 | |
| 23558 | | OE Type Heated ZrO2 Sensor | |
| L Length: 38.75 inches (985mm) | | 4 Lead Terminated | |
| Eagle | Talon | 1998-1995 | |
| Mitsubishi | Diamante | 1996-1994 | |
| | Eclipse | 1999-1995 | |
| | Eclipse | 2012-2006 | |
| | Galant | 2012-2004 | |
| | Montero Sport | 1999-1997 | |
| 23559 | | OE Type Heated ZrO2 Sensor | |
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | |
| Dodge | Colt | 1993 | |
| | Stealth | 1995-1991 | |
| Eagle | Summit | 1993 | |
| | Talon | 1998-1995 | |
| Mitsubishi | 3000GT | 1995-1991 | |
| | Diamante | 1993-1992 | |
| | Eclipse | 1999-1995 | |
| Plymouth | Colt | 1993 | |
| 23566 | | OE Type Heated ZrO2 Sensor | |
| L Length: 18.75 inches (475mm) | | 4 Lead Terminated | |
| Chrysler | Pacifica | 2008-2005 | |
| | Town & Country | 2007-2005 | |
| Dodge | Caliber | 2009-2008 | |
| | Caravan | 2007-2005 | |
| | Grand Caravan | 2007-2005 | |
| Jeep | Wrangler | 2009-2007 | |
| 23567 | | OE Type Heated ZrO2 Sensor | |
| L Length: 28.5 inches (725mm) | | 4 Lead Terminated | |
| Dodge | Sprinter 2500 | 2008-2007 | |
| | Sprinter 3500 | 2008-2007 | |
| Freightliner | Sprinter 2500 | 2008-2007 | |
| | Sprinter 3500 | 2008-2007 | |
| Mercedes-Benz | ML450 | 2011-2010 | |
| | SLS AMG | 2015-2011 | |
| 23569 | | OE Type Heated ZrO2 Sensor | |
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated | |
| Chrysler | Pacifica | 2005-2004 | |
| 24002 | | OE Type Heated TiO2 Sensor | |
| L Length: 17 inches (430mm) | | 3 Lead Terminated | |
| Nissan | 300ZX | 1989-1987 | |
| 24003 | | OE Type Heated TiO2 Sensor | |
| L Length: 9.75 inches (250mm) | | 3 Lead Terminated | |
| Nissan | Multi | 1988-1986 | |
| | Pulsar NX | 1987 | |
| | Stanza | 1986 | |
| 24004 | | OE Type Heated TiO2 Sensor | |
| L Length: 28.25 inches (715mm) | | 4 Lead Terminated | |
| Nissan | Maxima | 1989 | |
| 24005 | | OE Type Heated TiO2 Sensor | |
| L Length: 72 inches (1830mm) | | 3 Lead Terminated | |
| Nissan | D21 | 1993-1990 | |
| | Pathfinder | 1993-1990 | |
| 24006 | | OE Type Unheated ZrO2 Sensor | |
| L Length: 21.75 inches (550mm) | | 1 Lead Terminated | |
| Ford | Festiva | 1989-1988 | |
| | Probe | 1989 | |



| | | | |
|--|-------------------|--|------------------------|
| 24006 (Cont'd) OE Type Unheated ZrO2 Sensor | | 24029 OE Type Heated ZrO2 Sensor | |
| L Length: 21.75 inches (550mm) 1 Lead Terminated | | L Length: 31.5 inches (800mm) 4 Lead Terminated | |
| Mazda | 323 1989-1986 | Mazda | MPV 1995-1991 |
| | 626 1989-1983 | 24031 OE Type Heated ZrO2 Sensor | |
| | B2600 1988-1987 | L Length: 24.5 inches (620mm) 4 Lead Terminated | |
| | GLC 1985-1983 | Dodge | Colt 1995-1993 |
| | MX-6 1989-1988 | Eagle | Summit 1996-1993 |
| | RX-7 1988-1984 | Mitsubishi | Mirage 1996-1993 |
| Mercury | Capri 1994-1991 | Plymouth | Colt 1995-1993 |
| | Tracer 1989-1987 | 24033 OE Type Unheated ZrO2 Sensor | |
| 24007 OE Type Heated TiO2 Sensor | | L Length: 18.5 inches (470mm) 1 Lead Terminated | |
| L Length: 10.25 inches (260mm) 3 Lead Terminated | | Acura | Integra 1991-1986 |
| Nissan | Pulsar NX 1987 | | Legend 1990-1986 |
| | Sentra 1988-1987 | Chevrolet | Sprint 1986-1985 |
| 24010 OE Type Unheated ZrO2 Sensor | | | Tracker 1990-1989 |
| L Length: 18 inches (455mm) 1 Lead Terminated | | Geo | Tracker 1990-1989 |
| Ford | Aspire 1997-1994 | GMC | Tracker 1990-1989 |
| | Probe 1992-1990 | Honda | Accord 1989-1984 |
| Mazda | 626 1992-1990 | | Civic 1991-1988 |
| | MX-6 1992-1990 | | CRX 1991-1988 |
| 24012 OE Type Unheated ZrO2 Sensor | | | Prelude 1991-1984 |
| L Length: 43.75 inches (1110mm) 2 Lead Terminated | | Pontiac | Firefly 1986-1985 |
| Mazda | B2200 1993-1990 | Sterling | 825 1988-1987 |
| | B2600 1993-1989 | | 827 1991-1989 |
| 24014 OE Type Unheated ZrO2 Sensor | | Suzuki | Forsa 1986-1985 |
| L Length: 43.25 inches (1100mm) 2 Lead Terminated | | | SA310 1985 |
| Mazda | MPV 1994-1991 | | Samurai 1995-1985 |
| 24015 OE Type Heated ZrO2 Sensor | | | Sidekick 1990-1989 |
| L Length: 7.75 inches (200mm) 4 Lead Terminated | | | SJ413 1985 |
| Mazda | 929 1991-1990 | 24035 OE Type Heated ZrO2 Sensor | |
| 24019 OE Type Unheated ZrO2 Sensor | | L Length: 20 inches (508mm) 4 Lead Terminated | |
| L Length: 21.25 inches (540mm) 1 Lead Terminated | | Hyundai | Sonata 1998-1996 |
| Mazda | RX-7 1995-1993 | 24036 OE Type Unheated ZrO2 Sensor | |
| 24022 OE Type Heated ZrO2 Sensor | | L Length: 13.5 inches (345mm) 1 Lead Terminated | |
| L Length: 13.75 inches (350mm) 3 Lead Terminated | | Mazda | RX-7 1991-1989 |
| Ford | Probe 1995-1994 | 24037 OE Type Heated ZrO2 Sensor | |
| Mazda | 626 1995-1994 | L Length: 32.25 inches (818mm) 4 Lead Terminated | |
| | MX-6 1995-1994 | Hyundai | Sonata 1998-1996 |
| 24023 OE Type Heated ZrO2 Sensor | | 24038 OE Type Unheated ZrO2 Sensor | |
| L Length: 15 inches (380mm) 3 Lead Terminated | | L Length: 24.5 inches (620mm) 1 Lead Terminated | |
| Kia | Sephia 1997-1995 | Honda | Civic 1987-1984 |
| Mazda | MX-3 1996-1994 | | Wagovan 1984 |
| | Protege 1998-1995 | | Wagovan 1987-1986 |
| 24024 OE Type Heated TiO2 Sensor | | 24039 OE Type Heated ZrO2 Sensor | |
| L Length: 20 inches (505mm) 3 Lead Terminated | | L Length: 22.75 inches (580mm) 3 Lead Terminated | |
| Infiniti | I30 1996 | Infiniti | J30 1997-1993 |
| Nissan | 200SX 1997-1995 | | Q45 1993-1991 |
| | Altima 1996-1993 | | Q45 2001-1998 |
| | Maxima 1996-1995 | Nissan | 300ZX 1996-1990 |
| | Sentra 1996-1995 | 24042 OE Type Heated ZrO2 Sensor | |
| 24025 OE Type Heated TiO2 Sensor | | L Length: 16.25 inches (410mm) 4 Lead Terminated | |
| L Length: 12.25 inches (310mm) 3 Lead Terminated | | Honda | Accord 1997-1990 |
| Nissan | 240SX 1996-1995 | | Prelude 1995-1992 |
| 24026 OE Type Heated ZrO2 Sensor | | 24043 OE Type Heated ZrO2 Sensor | |
| L Length: 23.25 inches (590mm) 4 Lead Terminated | | L Length: 15 inches (380mm) 3 Lead Terminated | |
| Acura | CSX 2011-2006 | Mercury | Villager 1998-1994 |
| Honda | Civic 2011-2006 | Nissan | Quest 1998-1994 |
| | Fit 2008-2007 | 24044 OE Type Heated TiO2 Sensor | |
| 24027 OE Type Heated ZrO2 Sensor | | L Length: 19.75 inches (500mm) 4 Lead Terminated | |
| L Length: 15.75 inches (400mm) 4 Lead Terminated | | Toyota | Land Cruiser 1995-1993 |
| Mazda | 929 1995-1992 | | Pickup 1993-1992 |
| 24047 OE Type Heated ZrO2 Sensor | | L Length: 15 inches (380mm) 4 Lead Terminated | |
| L Length: 15 inches (380mm) 4 Lead Terminated | | Scion | tC 2013-2011 |



| 24047 (Cont'd) OE Type Heated ZrO2 Sensor | |
|---|--|
| L Length: 15 inches (380mm) 4 Lead Terminated | |
| Toyota | Camry 2006-2004 Solara 2006-2004 |
| 24048 OE Type Heated ZrO2 Sensor | |
| L Length: 10.75 inches (275mm) 4 Lead Terminated | |
| Acura | ILX 2014-2013 |
| Honda | Civic 2013-2006 |
| 24050 OE Type Heated ZrO2 Sensor | |
| L Length: 29.5 inches (750mm) 4 Lead Terminated | |
| Dodge | Stealth 1996-1991 |
| Mitsubishi | 3000GT 1999-1991 Diamante 1996-1994 |
| 24051 OE Type Heated ZrO2 Sensor | |
| L Length: 49.25 inches (1250mm) 4 Lead Terminated | |
| Mitsubishi | Montero 1991-1990 |
| 24052 OE Type Heated ZrO2 Sensor | |
| L Length: 11.5 inches (290mm) 4 Lead Terminated | |
| Dodge | Colt 1995-1993 |
| Eagle | Summit 1996-1993 |
| Mitsubishi | Galant 1998-1994 Mirage 1996-1993 |
| Plymouth | Colt 1995-1993 |
| 24056 OE Type Heated ZrO2 Sensor | |
| L Length: 11.25 inches (285mm) 4 Lead Terminated | |
| Infiniti | QX60 2017-2014 |
| Nissan | Frontier 2018-2013 Murano 2016 Pathfinder 2015-2014 Rogue 2018-2014 Xterra 2015-2013 |
| 24057 OE Type Heated ZrO2 Sensor | |
| L Length: 19.5 inches (495mm) 4 Lead Terminated | |
| Mitsubishi | Mirage 2015-2014 |
| 24058 OE Type Heated ZrO2 Sensor | |
| L Length: 20.75 inches (530mm) 4 Lead Terminated | |
| Dodge | Colt 1995 |
| Eagle | Summit 1996-1995 |
| Mitsubishi | Mirage 2002-1995 |
| Plymouth | Colt 1995 |
| 24059 OE Type Heated TiO2 Sensor | |
| L Length: 19.75 inches (500mm) 4 Lead Terminated | |
| Geo | Prizm 1992-1990 |
| Toyota | Corolla 1991-1989 Pickup 1991-1990 |
| 24060 OE Type Heated ZrO2 Sensor | |
| L Length: 27.5 inches (700mm) 4 Lead Terminated | |
| Toyota | Highlander 2017-2014 |
| 24061 OE Type Heated ZrO2 Sensor | |
| L Length: 22.75 inches (580mm) 4 Lead Terminated | |
| Acura | NSX 1999-1995 |
| Honda | Odyssey 1998-1996 |
| Isuzu | Oasis 1999-1996 |
| 24062 OE Type Heated TiO2 Sensor | |
| L Length: 10.75 inches (270mm) 3 Lead Terminated | |
| Nissan | 200SX 1996-1995 300ZX 1986 Maxima 1986 Sentra 1996-1995 |
| 24063 OE Type Heated TiO2 Sensor | |
| L Length: 9.75 inches (250mm) 3 Lead Terminated | |
| Nissan | 240SX 1996-1995 |

| 24064 OE Type Heated TiO2 Sensor | |
|---|--|
| L Length: 28.25 inches (715mm) 3 Lead Terminated | |
| Nissan | Maxima 1994-1990 |
| 24065 OE Type Heated TiO2 Sensor | |
| L Length: 22 inches (560mm) 3 Lead Terminated | |
| Infiniti | M30 1992-1990 |
| 24066 OE Type Heated ZrO2 Sensor | |
| L Length: 15 inches (380mm) 4 Lead Terminated | |
| Hyundai | Sonata 1998-1993 |
| 24071 OE Type Heated TiO2 Sensor | |
| L Length: 45.75 inches (1160mm) 4 Lead Terminated | |
| Nissan | 200SX 1988-1987 |
| 24073 OE Type Heated ZrO2 Sensor | |
| L Length: 13.5 inches (340mm) 4 Lead Terminated | |
| Scion | tC 2016-2014 |
| 24075 OE Type Heated TiO2 Sensor | |
| L Length: 15.75 inches (400mm) 3 Lead Terminated | |
| Infiniti | G20 1996-1994 |
| 24076 OE Type Heated ZrO2 Sensor | |
| L Length: 29.5 inches (750mm) 4 Lead Terminated | |
| Mazda | Millenia 2000-1997 |
| 24079 OE Type Heated ZrO2 Sensor | |
| L Length: 19.75 inches (500mm) 3 Lead Terminated | |
| Toyota | Supra 1990-1987 |
| 24080 OE Type Heated TiO2 Sensor | |
| L Length: 11.5 inches (290mm) 4 Lead Terminated | |
| Toyota | Land Cruiser 1995-1993 |
| 24082 OE Type Heated ZrO2 Sensor | |
| L Length: 11.5 inches (295mm) 4 Lead Terminated | |
| Lexus | NX300h 2017-2015 |
| Toyota | RAV4 2016-2013 |
| 24083 OE Type Heated ZrO2 Sensor | |
| L Length: 11.5 inches (294mm) 4 Lead Terminated | |
| Honda | Accord 2015-2014 |
| 24085 OE Type Heated ZrO2 Sensor | |
| L Length: 25.75 inches (656mm) 4 Lead Terminated | |
| Honda | Fit 2018-2015 |
| 24086 OE Type Unheated ZrO2 Sensor | |
| L Length: 29.5 inches (750mm) 1 Lead Terminated | |
| Dodge | Colt 1990-1987 |
| Eagle | Summit 1990-1989 Vista 1990-1988 |
| Hyundai | Excel 1987-1986 Excel 1994-1992 |
| Mitsubishi | Eclipse 1990 Galant 1987-1985 Mirage 1989-1987 Precis 1987 Precis 1994-1992 Van 1990-1987 |
| Plymouth | Colt 1990-1987 Laser 1990 |
| 24088 OE Type Heated ZrO2 Sensor | |
| L Length: 11.5 inches (290mm) 4 Lead Terminated | |
| Honda | CR-V 2014 |
| 24089 OE Type Heated ZrO2 Sensor | |
| L Length: 27.25 inches (693mm) 4 Lead Terminated | |
| Honda | Odyssey 2017-2014 |
| 24092 OE Type Heated ZrO2 Sensor | |
| L Length: 20.75 inches (530mm) 3 Lead Terminated | |
| Mazda | Millenia 1996-1995 |



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|--------------------------------|-----------|-----------------------------------|--|-------------------------------------|------------------|-------------------------------------|--|
| 24093 | | OE Type Heated ZrO2 Sensor | | 24109 (Cont'd) | | OE Type Unheated ZrO2 Sensor | |
| L Length: 21.75 inches (555mm) | | 4 Lead Terminated | | L Length: 24.75 inches (630mm) | | 2 Lead Terminated | |
| Honda | Odyssey | 2017-2014 | | Mitsubishi | Mirage | 1993-1991 | |
| 24094 | | OE Type Heated ZrO2 Sensor | | Plymouth | Colt | 1994-1991 | |
| L Length: 8.75 inches (221mm) | | 4 Lead Terminated | | 24110 | | | |
| Acura | MDX | 2015-2014 | | L Length: 22.25 inches (565mm) | | 4 Lead Terminated | |
| | TLX | 2015 | | Acura | MDX | 2018-2017 | |
| Honda | Pilot | 2018-2016 | | 24111 | | | |
| | Ridgeline | 2018-2017 | | L Length: 19.75 inches (500mm) | | 4 Lead Terminated | |
| 24097 | | | | OE Type Heated ZrO2 Sensor | | 24112 | |
| L Length: 13.75 inches (350mm) | | 3 Lead Terminated | | L Length: 31.5 inches (800mm) | | 4 Lead Terminated | |
| Mazda | Millenia | 2002-1995 | | Toyota | 4Runner | 1989-1988 | |
| 24101 | | | | OE Type Heated TiO2 Sensor | | 24113 | |
| L Length: 18 inches (455mm) | | 3 Lead Terminated | | L Length: 11.75 inches (301mm) | | 4 Lead Terminated | |
| Subaru | GL | 1989-1988 | | Honda | CR-V | 2011-2010 | |
| | GL-10 | 1989-1988 | | 24114 | | | |
| | Loyale | 1990 | | L Length: 23.5 inches (596mm) | | 4 Lead Terminated | |
| | RX | 1989-1988 | | Acura | MDX | 2013-2010 | |
| 24102 | | | | OE Type Unheated ZrO2 Sensor | | 24115 | |
| L Length: 22.75 inches (580mm) | | 2 Lead Terminated | | L Length: 21.5 inches (546mm) | | 4 Lead Terminated | |
| Dodge | Colt | 1991-1989 | | Honda | Accord Crosstour | 2011-2010 | |
| Eagle | Summit | 1991-1989 | | Crosstour | | 2012 | |
| | Talon | 1994-1993 | | 24116 | | | |
| | Vista | 1991-1989 | | L Length: 32.25 inches (822mm) | | 4 Lead Terminated | |
| Hyundai | Excel | 1992-1990 | | Honda | CR-Z | 2011 | |
| | Scoupe | 1995-1991 | | 24118 | | | |
| | Sonata | 1991-1989 | | L Length: 22.5 inches (570mm) | | 4 Lead Terminated | |
| Mitsubishi | Eclipse | 1994-1990 | | Toyota | Pickup | 1988 | |
| | Galant | 1993-1989 | | 24122 | | | |
| | Mirage | 1990-1989 | | L Length: 17.25 inches (440mm) | | 1 Lead Terminated | |
| | Precis | 1992-1990 | | Dodge | Ram 50 | 1990 | |
| Plymouth | Colt | 1991-1989 | | Mitsubishi | Mighty Max | 1990 | |
| | Laser | 1994-1990 | | 24129 | | | |
| 24105 | | | | OE Type Unheated ZrO2 Sensor | | OE Type Unheated ZrO2 Sensor | |
| L Length: 19.75 inches (500mm) | | 1 Lead Terminated | | L Length: 47.75 inches (1215mm) | | 2 Lead Terminated | |
| Chevrolet | Nova | 1988-1985 | | Dodge | Raider | 1989 | |
| Daihatsu | Charade | 1992-1988 | | Mitsubishi | Montero | 1989 | |
| | Rocky | 1992-1990 | | 24131 | | | |
| Toyota | 4Runner | 1988-1984 | | L Length: 21.75 inches (550mm) | | 4 Lead Terminated | |
| | Camry | 1986-1983 | | Lexus | GS300 | 2006 | |
| | Camry | 1991-1988 | | GS350 | | 2017-2016 | |
| | Celica | 1987-1981 | | 24132 | | | |
| | Celica | 1991-1989 | | L Length: 44 inches (1120mm) | | 4 Lead Terminated | |
| | Corolla | 1989-1981 | | Lexus | GS300 | 2006 | |
| | Corona | 1982-1981 | | 24134 | | | |
| | Cressida | 1992-1981 | | L Length: 8.75 inches (221mm) | | 4 Lead Terminated | |
| | MR2 | 1987-1985 | | Acura | ILX | 2015 | |
| | MR2 | 1992-1991 | | Honda | Civic | 2015-2014 | |
| | Pickup | 1988-1979 | | | HR-V | 2018-2016 | |
| | Supra | 1993-1986 | | 24135 | | | |
| | Tercel | 1990-1980 | | L Length: 12.25 inches (310mm) | | 2 Lead Terminated | |
| | Van | 1987 | | Lexus | ES250 | 1991-1990 | |
| 24106 | | | | OE Type Unheated ZrO2 Sensor | | 24137 | |
| L Length: 26 inches (660mm) | | 1 Lead Terminated | | L Length: 19.75 inches (500mm) | | 3 Lead Terminated | |
| Toyota | Celica | 1980-1979 | | Toyota | Supra | 1993-1991 | |
| | Cressida | 1980 | | 24109 | | | |
| 24109 | | | | OE Type Unheated ZrO2 Sensor | | OE Type Heated ZrO2 Sensor | |
| L Length: 24.75 inches (630mm) | | 2 Lead Terminated | | L Length: 12.25 inches (310mm) | | 2 Lead Terminated | |
| Dodge | Colt | 1994-1991 | | Lexus | ES250 | 1991-1990 | |
| Eagle | 2000 GTX | 1993 | | Toyota | Camry | 1991-1990 | |
| | Summit | 1994-1991 | | 24137 | | | |
| | Vista | 1992-1991 | | L Length: 19.75 inches (500mm) | | 3 Lead Terminated | |
| Mitsubishi | Expo | 1993-1992 | | Toyota | Supra | 1993-1991 | |
| | Expo LRV | 1993-1992 | | | | | |
| | Galant | 1993 | | | | | |



| 24141 OE Type Unheated ZrO2 Sensor | |
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| L Length: 19.5 inches (495mm) 1 Lead Terminated | |
| Chrysler | E Class 1984 |
| | Executive Limousine 1985 |
| | Executive Sedan 1984 |
| | LeBaron 1985-1984 |
| | New Yorker 1985-1984 |
| | Town & Country 1985-1982 |
| Dodge | 600 1985-1984 |
| | 2000 GTX 1990-1989 |
| | Aries 1985-1984 |
| | Caravan 1987-1984 |
| | Colt 1987-1984 |
| | Mini Ram 1988-1984 |
| | Power Ram 50 1986-1984 |
| | Raider 1989-1987 |
| | Ram 50 1989-1984 |
| Eagle | 2000 GTX 1992-1991 |
| Hyundai | Excel 1989-1987 |
| Mitsubishi | Cordia 1988-1983 |
| | Galant 1992-1989 |
| | Mighty Max 1989-1984 |
| | Mirage 1986-1985 |
| | Montero 1989-1983 |
| | Precis 1989-1987 |
| | Tredia 1988-1983 |
| Plymouth | Caravelle 1985-1984 |
| | Colt 1987-1984 |
| | Reliant 1985-1984 |
| | Voyager 1987-1984 |
| Subaru | DL 1989-1988 |
| | GL 1989-1988 |
| | GL-10 1989-1988 |
| | Justy 1988 |
| | Loyale 1994-1990 |
| | RX 1989-1988 |
| | XT 1991-1988 |
| 24144 OE Type Heated ZrO2 Sensor | |
| L Length: 19 inches (480mm) 4 Lead Terminated | |
| Toyota | Sienna 2013-2011 |
| 24145 OE Type Heated ZrO2 Sensor | |
| L Length: 13 inches (330mm) 3 Lead Terminated | |
| Nissan | 300ZX 1985-1984 |
| | 300ZX 1989-1987 |
| | Maxima 1988-1985 |
| 24153 OE Type Heated ZrO2 Sensor | |
| L Length: 10.75 inches (272mm) 4 Lead Terminated | |
| Acura | RLX 2018 |
| 24154 OE Type Heated ZrO2 Sensor | |
| L Length: 21.25 inches (540mm) 3 Lead Terminated | |
| Infiniti | J30 1995-1993 |
| | Q45 1998-1993 |
| Nissan | 200SX 1987-1986 |
| | 300ZX 1993-1990 |
| 24155 OE Type Heated ZrO2 Sensor | |
| L Length: 11.25 inches (285mm) 4 Lead Terminated | |
| Infiniti | QX80 2018-2016 |
| Nissan | Armada 2018-2017 |
| | Qashqai 2018-2017 |
| | Rogue Sport 2018-2017 |
| 24156 OE Type Heated ZrO2 Sensor | |
| L Length: 10.75 inches (270mm) 4 Lead Terminated | |
| Lexus | NX200t 2017-2015 |

| 24157 OE Type Heated ZrO2 Sensor | |
|---|-------------------------|
| L Length: 71.75 inches (1820mm) 3 Lead Terminated | |
| Nissan | D21 1994 |
| | Pathfinder 1995-1994 |
| | Pickup 1995 |
| 24158 OE Type Heated ZrO2 Sensor | |
| L Length: 12.25 inches (313mm) 4 Lead Terminated | |
| Acura | NSX 2018-2017 |
| 24159 OE Type Heated ZrO2 Sensor | |
| L Length: 16.75 inches (425mm) 4 Lead Terminated | |
| Toyota | Yaris 2018-2015 |
| 24160 OE Type Heated ZrO2 Sensor | |
| L Length: 11.25 inches (285mm) 4 Lead Terminated | |
| Infiniti | Q50 2018-2016 |
| | Q60 2018-2017 |
| 24166 OE Type Unheated ZrO2 Sensor | |
| L Length: 14.75 inches (375mm) 1 Lead Terminated | |
| Honda | Civic 1995-1992 |
| 24167 OE Type Heated ZrO2 Sensor | |
| L Length: 14.5 inches (371mm) 4 Lead Terminated | |
| Infiniti | Q40 2015 |
| | Q50 2015-2014 |
| | Q60 2015-2014 |
| | Q70 2018-2014 |
| | Q70L 2018-2015 |
| | QX50 2017-2015 |
| | QX70 2017-2015 |
| Nissan | 370Z 2018-2014 |
| | Juke 2015-2011 |
| 24168 OE Type Heated ZrO2 Sensor | |
| L Length: 14.5 inches (371mm) 4 Lead Terminated | |
| Infiniti | M35h 2013-2012 |
| | Q50 2018-2014 |
| | Q70 2018-2014 |
| Nissan | Micra 2017-2015 |
| | Versa 2018-2012 |
| | Versa Note 2017-2014 |
| 24169 OE Type Heated ZrO2 Sensor | |
| L Length: 12.75 inches (325mm) 4 Lead Terminated | |
| Acura | CL 1997 |
| | Integra 2001-1994 |
| | Vigor 1994-1992 |
| Honda | Accord 1997-1990 |
| | Civic del Sol 1997-1994 |
| | CR-V 2001-1997 |
| | Odyssey 1998-1995 |
| | Prelude 1996-1990 |
| Isuzu | Oasis 1999-1996 |
| 24170 OE Type Heated ZrO2 Sensor | |
| L Length: 14.5 inches (370mm) 4 Lead Terminated | |
| Lexus | GS200t 2016 |
| | GS Turbo 2017 |
| | IS200t 2016 |
| | IS Turbo 2017 |
| | RC200t 2016 |
| | RC Turbo 2017 |
| 24171 OE Type Heated ZrO2 Sensor | |
| L Length: 18.25 inches (462mm) 4 Lead Terminated | |
| Acura | NSX 2018-2017 |
| 24172 OE Type Heated ZrO2 Sensor | |
| L Length: 22 inches (560mm) 4 Lead Terminated | |
| Acura | Legend 1995-1991 |
| | NSX 1999-1991 |
| | RL 2003-1996 |



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| 24172 (Cont'd) OE Type Heated ZrO2 Sensor | | 24231 OE Type Heated ZrO2 Sensor | |
| L Length: 22 inches (560mm) 4 Lead Terminated | | L Length: 22.5 inches (570mm) 4 Lead Terminated | |
| Acura | TL 1998-1996 | Mazda | Millenia 2002-1995 |
| 24173 OE Type Heated ZrO2 Sensor | | 24232 OE Type Heated ZrO2 Sensor | |
| L Length: 28.25 inches (720mm) 4 Lead Terminated | | L Length: 31 inches (790mm) 4 Lead Terminated | |
| Mazda | CX-7 2012-2010 | Mazda | 3 2005-2004 5 2007-2006 |
| 24174 OE Type Heated ZrO2 Sensor | | 24234 OE Type Heated ZrO2 Sensor | |
| L Length: 21.25 inches (542mm) 4 Lead Terminated | | L Length: 18 inches (460mm) 4 Lead Terminated | |
| Acura | RLX 2018 | Mazda | 3 2005-2004 5 2007-2006 |
| 24176 OE Type Unheated ZrO2 Sensor | | 24235 OE Type Heated ZrO2 Sensor | |
| L Length: 21.75 inches (550mm) 1 Lead Terminated | | L Length: 13 inches (331mm) 4 Lead Terminated | |
| Mazda | Miata 1993-1990 | Honda | Odyssey 2004-2002 |
| 24179 OE Type Heated ZrO2 Sensor | | 24236 OE Type Heated ZrO2 Sensor | |
| L Length: 10 inches (253mm) 4 Lead Terminated | | L Length: 26 inches (660mm) 4 Lead Terminated | |
| Honda | Accord 2018-2017 | Toyota | RAV4 2005-2004 |
| 24180 OE Type Heated ZrO2 Sensor | | 24237 OE Type Heated ZrO2 Sensor | |
| L Length: 16.5 inches (417mm) 4 Lead Terminated | | L Length: 31 inches (790mm) 4 Lead Terminated | |
| Honda | Civic 2018-2017 | Toyota | Highlander 2006-2004 |
| 24194 OE Type Unheated ZrO2 Sensor | | 24238 OE Type Heated ZrO2 Sensor | |
| L Length: 25.5 inches (650mm) 1 Lead Terminated | | L Length: 12.25 inches (310mm) 4 Lead Terminated | |
| Hyundai | Excel 1993-1990 Scoupe 1995-1991 Sonata 1990-1989 | Suzuki | Sidekick 1998-1996 |
| Mitsubishi | Precis 1993-1990 | 24239 OE Type Heated ZrO2 Sensor | |
| 24201 OE Type Heated ZrO2 Sensor | | L Length: 22.75 inches (580mm) 4 Lead Terminated | |
| L Length: 14.25 inches (360mm) 4 Lead Terminated | | Acura | RL 2004 |
| Hyundai | Excel 1994-1992 | 24240 OE Type Heated ZrO2 Sensor | |
| Mitsubishi | Precis 1994-1992 | L Length: 10.5 inches (265mm) 4 Lead Terminated | |
| 24202 OE Type Heated ZrO2 Sensor | | Honda | Civic 2005-2003 |
| L Length: 12.5 inches (318mm) 4 Lead Terminated | | 24241 OE Type Heated ZrO2 Sensor | |
| Hyundai | Elantra 1995-1993 Excel 1994-1992 Sonata 1998-1994 | L Length: 13.75 inches (351mm) 4 Lead Terminated | |
| Mitsubishi | Precis 1994-1992 | Honda | Civic 2003 |
| 24203 OE Type Heated ZrO2 Sensor | | 24242 OE Type Heated ZrO2 Sensor | |
| L Length: 12.25 inches (310mm) 4 Lead Terminated | | L Length: 15.25 inches (385mm) 4 Lead Terminated | |
| Hyundai | Elantra 1995-1993 | Acura | EL 2005-2004 |
| 24207 OE Type Heated ZrO2 Sensor | | Honda | Civic 2005-2004 |
| L Length: 8.75 inches (220mm) 4 Lead Terminated | | 24243 OE Type Heated ZrO2 Sensor | |
| Honda | Odyssey 2019-2018 | L Length: 23.5 inches (595mm) 4 Lead Terminated | |
| 24219 OE Type Heated ZrO2 Sensor | | Honda | Civic 2005-2004 |
| L Length: 12.25 inches (310mm) 4 Lead Terminated | | 24244 OE Type Heated ZrO2 Sensor | |
| Mitsubishi | Mirage 2018-2017 Mirage G4 2018-2017 | L Length: 10.75 inches (271mm) 4 Lead Terminated | |
| 24220 OE Type Heated ZrO2 Sensor | | Nissan | Frontier 2018-2005 NV1500 2018-2012 NV2500 2018-2012 NV3500 2018-2012 Pathfinder 2012-2005 Xterra 2012-2005 |
| L Length: 12.25 inches (310mm) 4 Lead Terminated | | Suzuki | Equator 2012-2009 |
| Mitsubishi | Mirage 2018-2017 Mirage G4 2018-2017 | 24245 OE Type Heated ZrO2 Sensor | |
| 24225 OE Type Heated ZrO2 Sensor | | L Length: 35 inches (891mm) 4 Lead Terminated | |
| L Length: 28.75 inches (730mm) 4 Lead Terminated | | Nissan | Pathfinder 2004 |
| Eagle | Talon 1994-1991 | 24246 OE Type Heated ZrO2 Sensor | |
| Mitsubishi | Eclipse 1994-1991 Galant 1992-1991 | L Length: 47.75 inches (1211mm) 4 Lead Terminated | |
| Plymouth | Laser 1994-1991 | Nissan | Pathfinder 2004 |
| 24229 OE Type Heated ZrO2 Sensor | | 24247 OE Type Heated ZrO2 Sensor | |
| L Length: 23.5 inches (600mm) 4 Lead Terminated | | L Length: 10.75 inches (271mm) 4 Lead Terminated | |
| Mazda | Millenia 1996-1995 | Nissan | Frontier 2012-2005 NV1500 2018-2012 NV2500 2018-2012 NV3500 2018-2012 Pathfinder 2012-2005 Xterra 2012-2005 |
| 24230 OE Type Heated ZrO2 Sensor | | | |
| L Length: 37.5 inches (950mm) 4 Lead Terminated | | | |
| Mazda | Millenia 2000-1997 | | |



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| 24247 (Cont'd) OE Type Heated ZrO2 Sensor | |
| L Length: 10.75 inches (271mm) | 4 Lead Terminated |
| Suzuki | Equator 2012-2009 |
| 24248 OE Type Heated ZrO2 Sensor | |
| L Length: 14.5 inches (371mm) | 4 Lead Terminated |
| Nissan | Murano 2003 |
| 24249 OE Type Heated ZrO2 Sensor | |
| L Length: 20.5 inches (520mm) | 4 Lead Terminated |
| Honda | S2000 2005-2004 |
| 24250 OE Type Heated ZrO2 Sensor | |
| L Length: 25.5 inches (650mm) | 4 Lead Terminated |
| Honda | S2000 2005-2004 |
| 24251 OE Type Heated ZrO2 Sensor | |
| L Length: 10.75 inches (275mm) | 4 Lead Terminated |
| Honda | CR-V 2006-2005 |
| 24254 OE Type Heated ZrO2 Sensor | |
| L Length: 20.25 inches (515mm) | 4 Lead Terminated |
| Acura | RSX 2006-2005 |
| 24255 OE Type Heated ZrO2 Sensor | |
| L Length: 21.5 inches (547mm) | 4 Lead Terminated |
| Acura | RL 2008-2005 TL 2006 |
| Honda | Accord 2007-2005 Odyssey 2010-2004 Pilot 2008-2005 Ridgeline 2008-2006 |
| Saturn | Vue 2007-2004 |
| 24258 OE Type Heated ZrO2 Sensor | |
| L Length: 39.25 inches (1000mm) | 4 Lead Terminated |
| Acura | TSX 2008-2004 |
| Honda | Accord 2007-2003 |
| 24259 OE Type Heated ZrO2 Sensor | |
| L Length: 16.75 inches (427mm) | 4 Lead Terminated |
| Acura | RL 2008-2005 TL 2006 |
| Honda | Accord 2007-2005 Odyssey 2010-2004 Pilot 2008-2005 Ridgeline 2008-2006 |
| Saturn | Vue 2007-2004 |
| 24260 OE Type Heated ZrO2 Sensor | |
| L Length: 24.25 inches (619mm) | 4 Lead Terminated |
| Honda | CR-V 2018-2017 |
| 24264 OE Type Heated ZrO2 Sensor | |
| L Length: 19.25 inches (486mm) | 4 Lead Terminated |
| Honda | Accord 2018 |
| 24266 OE Type Heated ZrO2 Sensor | |
| L Length: 20 inches (509mm) | 4 Lead Terminated |
| Honda | CR-V 2009-2007 |
| 24267 OE Type Heated ZrO2 Sensor | |
| L Length: 16.75 inches (427mm) | 4 Lead Terminated |
| Acura | MDX 2009-2007 TL 2008-2007 |
| 24269 OE Type Heated ZrO2 Sensor | |
| L Length: 21.5 inches (547mm) | 4 Lead Terminated |
| Acura | MDX 2009-2007 TL 2008-2007 |
| 24270 OE Type Heated ZrO2 Sensor | |
| L Length: 9.5 inches (240mm) | 4 Lead Terminated |
| Subaru | Ascent 2019 |

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|---|---|
| 24273 OE Type Heated ZrO2 Sensor | |
| L Length: 15.5 inches (393mm) | 4 Lead Terminated |
| Honda | Accord 2018 |
| 24277 OE Type Heated ZrO2 Sensor | |
| L Length: 24.75 inches (630mm) | 4 Lead Terminated |
| Suzuki | Sidekick 1998-1996 |
| 24278 OE Type Heated ZrO2 Sensor | |
| L Length: 23.5 inches (600mm) | 4 Lead Terminated |
| Suzuki | Aerio 2007-2002 Grand Vitara 2000-1999 |
| 24279 OE Type Heated ZrO2 Sensor | |
| L Length: 20.75 inches (530mm) | 4 Lead Terminated |
| Suzuki | Esteem 2000 |
| 24280 OE Type Heated ZrO2 Sensor | |
| L Length: 23.5 inches (600mm) | 4 Lead Terminated |
| Chevrolet | Tracker 2004-2001 |
| Suzuki | Grand Vitara 2005-2001 Vitara 2004 |
| 24281 OE Type Heated ZrO2 Sensor | |
| L Length: 8.75 inches (220mm) | 4 Lead Terminated |
| Suzuki | Grand Vitara 2000-1999 |
| 24282 OE Type Heated ZrO2 Sensor | |
| L Length: 20.75 inches (530mm) | 4 Lead Terminated |
| Honda | Prelude 2001-1997 |
| 24283 OE Type Heated ZrO2 Sensor | |
| L Length: 15.25 inches (385mm) | 4 Lead Terminated |
| Acura | EL 2003-2001 |
| Honda | Civic 2003-2001 |
| 24284 OE Type Heated ZrO2 Sensor | |
| L Length: 29.75 inches (754mm) | 4 Lead Terminated |
| Acura | MDX 2002-2001 |
| Honda | Civic 2003-2001 Pilot 2004-2003 |
| 24285 OE Type Heated ZrO2 Sensor | |
| L Length: 22.75 inches (580mm) | 4 Lead Terminated |
| Honda | Prelude 2001-1997 |
| 24286 OE Type Heated ZrO2 Sensor | |
| L Length: 18.25 inches (465mm) | 4 Lead Terminated |
| Honda | Prelude 2001-1997 |
| 24287 OE Type Heated ZrO2 Sensor | |
| L Length: 25.5 inches (650mm) | 4 Lead Terminated |
| Honda | S2000 2003-2000 |
| 24288 OE Type Heated ZrO2 Sensor | |
| L Length: 10.25 inches (260mm) | 4 Lead Terminated |
| Honda | Insight 2000 |
| 24289 OE Type Heated ZrO2 Sensor | |
| L Length: 12.5 inches (320mm) | 4 Lead Terminated |
| Honda | Civic 2003-2001 |
| 24290 OE Type Heated ZrO2 Sensor | |
| L Length: 17.5 inches (445mm) | 4 Lead Terminated |
| Honda | Accord 2002-2000 |
| 24291 OE Type Heated ZrO2 Sensor | |
| L Length: 21 inches (535mm) | 4 Lead Terminated |
| Acura | EL 2003-2001 |
| Honda | Civic 2003-2001 |
| 24292 OE Type Heated ZrO2 Sensor | |
| L Length: 10.75 inches (275mm) | 4 Lead Terminated |
| Honda | Insight 2006-2001 |
| 24293 OE Type Heated ZrO2 Sensor | |
| L Length: 9.5 inches (240mm) | 4 Lead Terminated |
| Scion | tC 2006-2005 |
| Toyota | Camry 2003-2002 |



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|--------------------------------|--------------|-----------------------------------|--|---------------------------------|-----------------|---------------------------------|--|
| 24293 (Cont'd) | | OE Type Heated ZrO2 Sensor | | 24307 (Cont'd) | | OE Type Heated WB Sensor | |
| L Length: 9.5 inches (240mm) | | 4 Lead Terminated | | L Length: 51.5 inches (1310mm) | | 5 Lead Terminated | |
| Toyota | Solara | 2003-2002 | | Volvo | XC90 | 2005-2003 | |
| 24294 | | OE Type Heated ZrO2 Sensor | | 24308 | | OE Type Heated WB Sensor | |
| L Length: 16.25 inches (410mm) | | 4 Lead Terminated | | L Length: 23.5 inches (600mm) | | 5 Lead Terminated | |
| Scion | xA | 2006-2004 | | Audi | A4 | 2008-2006 | |
| | xB | 2006-2004 | | | A4 Quattro | 2009-2005 | |
| Toyota | Echo | 2005-2003 | | | A5 Quattro | 2010-2008 | |
| | | | | | A6 | 2009-2006 | |
| | | | | | A6 Quattro | 2008-2005 | |
| | | | | Q5 | 2009 | | |
| 24295 | | OE Type Heated ZrO2 Sensor | | 24309 | | OE Type Heated WB Sensor | |
| L Length: 17 inches (430mm) | | 4 Lead Terminated | | L Length: 20.75 inches (525mm) | | 5 Lead Terminated | |
| Toyota | Echo | 2005-2003 | | Audi | A6 Quattro | 2011-2005 | |
| | | | | | A8 Quattro | 2007 | |
| | | | | | S8 | 2007 | |
| 24296 | | OE Type Heated ZrO2 Sensor | | 24310 | | OE Type Heated WB Sensor | |
| L Length: 13.75 inches (350mm) | | 4 Lead Terminated | | L Length: 69.75 inches (1770mm) | | 5 Lead Terminated | |
| Chevrolet | Tracker | 2004-2001 | | Audi | A8 Quattro | 2007-2005 | |
| Suzuki | Aerio | 2007-2002 | | | Q7 | 2010 | |
| | Esteem | 2000 | | | | | |
| | Grand Vitara | 2005-2001 | | | | | |
| | Vitara | 2004 | | | | | |
| 24297 | | OE Type Heated ZrO2 Sensor | | 24311 | | OE Type Heated WB Sensor | |
| L Length: 15.25 inches (386mm) | | 4 Lead Terminated | | L Length: 74.75 inches (1900mm) | | 5 Lead Terminated | |
| Nissan | Sentra | 2002 | | Audi | A8 Quattro | 2007-2005 | |
| 24298 | | OE Type Heated ZrO2 Sensor | | 24312 | | OE Type Heated WB Sensor | |
| L Length: 14.75 inches (376mm) | | 4 Lead Terminated | | L Length: 47.25 inches (1200mm) | | 5 Lead Terminated | |
| Infiniti | FX45 | 2005-2003 | | Cadillac | XLR | 2006-2005 | |
| | M45 | 2004-2003 | | Porsche | 911 | 2005-2001 | |
| | Q45 | 2006-2002 | | Volvo | C70 | 2004-2000 | |
| Nissan | Altima | 2003-2002 | | | S60 | 2009-2001 | |
| | Murano | 2003 | | | S70 | 2000 | |
| | Sentra | 2004-2002 | | | S80 | 2006-2002 | |
| | X-Trail | 2006-2005 | | | V70 | 2007-2000 | |
| | | | | XC70 | 2007-2003 | | |
| | | | | XC90 | 2006-2003 | | |
| 24299 | | OE Type Heated ZrO2 Sensor | | 24313 | | OE Type Heated WB Sensor | |
| L Length: 18.5 inches (471mm) | | 4 Lead Terminated | | L Length: 22.25 inches (565mm) | | 5 Lead Terminated | |
| Nissan | Pathfinder | 2004-2003 | | Cadillac | Catera | 2001-1999 | |
| 24300 | | OE Type Heated WB Sensor | | Saturn | L300 | 2005-2001 | |
| L Length: 16.25 inches (410mm) | | 5 Lead Terminated | | | LS2 | 2000 | |
| Honda | Civic | 2000-1992 | | | LW2 | 2000 | |
| 24301 | | OE Type Heated WB Sensor | | | LW300 | 2003-2001 | |
| L Length: 8.25 inches (210mm) | | 5 Lead Terminated | | 24314 | | OE Type Heated WB Sensor | |
| Honda | Insight | 2001-2000 | | L Length: 33.5 inches (850mm) | | 5 Lead Terminated | |
| 24302 | | OE Type Heated WB Sensor | | Audi | A8 Quattro | 2007-2005 | |
| L Length: 11.5 inches (290mm) | | 5 Lead Terminated | | Porsche | Cayenne | 2006-2004 | |
| Acura | MDX | 2006-2003 | | Volkswagen | Passat | 2004-2002 | |
| | RL | 2008-2005 | | | Phaeton | 2006-2004 | |
| | TL | 2008-2004 | | | Touareg | 2006-2004 | |
| Honda | Accord | 2007-2003 | | | | | |
| | Odyssey | 2006-2004 | | | | | |
| | Pilot | 2008-2005 | | | | | |
| | Ridgeline | 2008-2006 | | | | | |
| Saturn | Vue | 2007-2004 | | | | | |
| 24304 | | OE Type Heated WB Sensor | | 24315 | | OE Type Heated WB Sensor | |
| L Length: 18 inches (460mm) | | 5 Lead Terminated | | L Length: 39.25 inches (1000mm) | | 5 Lead Terminated | |
| Hyundai | Elantra | 2006-2003 | | BMW | 325Ci | 2006-2003 | |
| Kia | Spectra | 2006-2004 | | | 325i | 2005-2003 | |
| | Spectra5 | 2009-2005 | | | 330Ci | 2006-2003 | |
| | | | | | 330i | 2005-2003 | |
| | | | | | 525i | 2005-2004 | |
| | | | | | 530i | 2005-2004 | |
| | | | | | X3 | 2006-2004 | |
| | | | | | | | |
| 24305 | | OE Type Heated WB Sensor | | 24316 | | OE Type Heated WB Sensor | |
| L Length: 11.5 inches (295mm) | | 5 Lead Terminated | | L Length: 23.5 inches (600mm) | | 5 Lead Terminated | |
| Honda | Accord | 2007-2004 | | Audi | A8 Quattro | 2007-2005 | |
| 24306 | | OE Type Heated WB Sensor | | | Allroad Quattro | 2005-2003 | |
| L Length: 30.75 inches (780mm) | | 5 Lead Terminated | | | S4 | 2009-2004 | |
| Volvo | S80 | 2004-1999 | | | TT | 2006 | |
| 24307 | | OE Type Heated WB Sensor | | | TT Quattro | 2006-2003 | |
| L Length: 51.5 inches (1310mm) | | 5 Lead Terminated | | | | | |
| Volvo | S80 | 2005-2000 | | | | | |



| 24316 (Cont'd) | | OE Type Heated WB Sensor | |
|-------------------------------|------------|--------------------------|--|
| L Length: 23.5 inches (600mm) | | 5 Lead Terminated | |
| BMW | 545i | 2005-2004 | |
| | 645Ci | 2005-2004 | |
| | 745i | 2002 | |
| | 745Li | 2002 | |
| | X5 | 2006-2004 | |
| Buick | Allure | 2008-2005 | |
| | LaCrosse | 2008-2005 | |
| | Rendezvous | 2006-2004 | |
| Volkswagen | Touareg | 2006-2004 | |

| 24317 | | OE Type Heated WB Sensor | |
|------------------------------|------------|--------------------------|--|
| L Length: 57 inches (1450mm) | | 5 Lead Terminated | |
| Audi | A4 | 2006-2001 | |
| | A4 Quattro | 2005-2001 | |
| | A8 Quattro | 2006-2004 | |
| | TT Quattro | 2006-2004 | |
| | | | |
| BMW | 325Ci | 2006-2003 | |
| | 325i | 2005-2003 | |
| | 545i | 2005-2004 | |
| | 645Ci | 2005-2004 | |
| Porsche | Cayenne | 2006-2003 | |
| Volkswagen | Beetle | 2005-2001 | |
| | Golf | 2006-2001 | |
| | Golf City | 2010-2007 | |
| | Jetta | 2005-2000 | |
| | Jetta City | 2009-2007 | |
| | Passat | 2005-2001 | |

| 24318 | | OE Type Heated WB Sensor | |
|------------------------------|-------------|--------------------------|--|
| L Length: 59 inches (1500mm) | | 5 Lead Terminated | |
| Audi | A8 Quattro | 2006-2004 | |
| | Q7 | 2009-2007 | |
| | TT Quattro | 2006-2004 | |
| | | | |
| Bentley | Continental | 2003 | |
| Porsche | Cayenne | 2006-2003 | |
| Volkswagen | Golf | 2004 | |
| | Touareg | 2009-2004 | |

| 24319 | | OE Type Heated WB Sensor | |
|-------------------------------|---------|--------------------------|--|
| L Length: 33.5 inches (850mm) | | 5 Lead Terminated | |
| Audi | R8 | 2012-2008 | |
| | R8 | 2015-2014 | |
| | S6 | 2007 | |
| Porsche | 911 | 2008-2007 | |
| | Boxster | 2008-2005 | |
| | Cayman | 2008-2006 | |

| 24320 | | OE Type Heated WB Sensor | |
|-------------------------------|-------------------|--------------------------|--|
| L Length: 23.5 inches (600mm) | | 5 Lead Terminated | |
| Cadillac | CTS | 2005-2004 | |
| | SRX | 2006-2004 | |
| | STS | 2006-2005 | |
| | XLR | 2005-2004 | |
| Infiniti | FX35 | 2008-2004 | |
| | FX45 | 2008-2006 | |
| | G35 | 2007-2004 | |
| | M35 | 2008-2006 | |
| | M45 | 2010-2006 | |
| | Q45 | 2006 | |
| | QX56 | 2006-2004 | |
| | | | |
| Nissan | 350Z | 2006-2005 | |
| | Altima | 2006-2004 | |
| | Armada | 2006-2005 | |
| | Frontier | 2012-2005 | |
| | Maxima | 2008-2004 | |
| | Murano | 2007-2004 | |
| | Pathfinder | 2006-2005 | |
| | Pathfinder Armada | 2004 | |

| 24320 (Cont'd) | | OE Type Heated WB Sensor | |
|-------------------------------|----------|--------------------------|--|
| L Length: 23.5 inches (600mm) | | 5 Lead Terminated | |
| Nissan | Quest | 2009-2004 | |
| | Sentra | 2006-2000 | |
| | Titan | 2006-2004 | |
| | Xterra | 2006-2005 | |
| Subaru | Forester | 2002-2000 | |
| | Impreza | 2002-2000 | |
| | Legacy | 2002-2000 | |
| | Outback | 2002-2000 | |
| Suzuki | Equator | 2012-2009 | |
| Volvo | C30 | 2013-2007 | |
| | C70 | 1999 | |
| | C70 | 2013-2006 | |
| | S40 | 2011-2004 | |
| | S60 | 2012 | |
| | S70 | 1999 | |
| | V50 | 2011-2005 | |
| | V70 | 1999 | |
| | | | |

| 24321 | | OE Type Heated WB Sensor | | |
|-------------------------------|-------------|--------------------------|--|--|
| L Length: 35.5 inches (900mm) | | 5 Lead Terminated | | |
| Audi | A4 | 2005-2002 | | |
| | A4 Quattro | 2006-2002 | | |
| | A6 | 2004-2002 | | |
| | A6 Quattro | 2004-2002 | | |
| | Q7 | 2009-2007 | | |
| | TT | 2006-2001 | | |
| | TT Quattro | 2002-2001 | | |
| | | | | |
| Bentley | Continental | 2003 | | |
| BMW | 545i | 2005-2004 | | |
| | 645Ci | 2005-2004 | | |
| | 745i | 2005-2002 | | |
| | 745Li | 2005-2002 | | |
| | 760i | 2006-2004 | | |
| | 760Li | 2006-2003 | | |
| | Alpina B7 | 2008-2007 | | |
| | X5 | 2006-2004 | | |
| | | | | |
| | | | | |
| Mercedes-Benz | C230 | 2005-2003 | | |
| Porsche | Cayenne | 2006-2003 | | |
| Volkswagen | Beetle | 2005-1999 | | |
| | EuroVan | 2003-2001 | | |
| | Golf | 2006-1999 | | |
| | Jetta | 2005-1999 | | |
| | Passat | 2004-2002 | | |
| | Phaeton | 2006-2004 | | |
| | Touareg | 2009-2004 | | |
| | | | | |
| | | | | |

| 24322 | | OE Type Heated WB Sensor | |
|------------------------------|-------------|--------------------------|--|
| L Length: 60 inches (1525mm) | | 5 Lead Terminated | |
| BMW | 1 Series M | 2011 | |
| | 128i | 2013-2008 | |
| | 135i | 2010-2008 | |
| | 323i | 2011-2006 | |
| | 325i | 2006 | |
| | 325xi | 2006 | |
| | 328i | 2013-2007 | |
| | 328i xDrive | 2013-2009 | |
| | 328xi | 2008-2007 | |
| | 330i | 2006 | |
| | 330xi | 2006 | |
| | 335i | 2010-2007 | |
| | 335is | 2013-2011 | |
| | 335i xDrive | 2010-2009 | |
| | 335xi | 2008-2007 | |
| | 525i | 2007-2006 | |
| | 525xi | 2007-2006 | |
| 528i | 2010-2008 | | |



| 24322 (Cont'd) | | OE Type Heated WB Sensor | |
|--------------------------------|------------------------------|--------------------------|--|
| L Length: 60 inches (1525mm) | | 5 Lead Terminated | |
| BMW | 528i xDrive | 2010-2009 | |
| | 528xi | 2008 | |
| | 530i | 2007-2006 | |
| | 530xi | 2007-2006 | |
| | X1 | 2011-2010 | |
| | X3 | 2010-2007 | |
| | X5 | 2010-2007 | |
| Mercedes-Benz | C250 | 2015-2012 | |
| | SLK250 | 2015-2012 | |
| 24323 | | OE Type Heated WB Sensor | |
| L Length: 35.5 inches (900mm) | | 5 Lead Terminated | |
| Audi | A3 Quattro | 2009-2006 | |
| | S6 | 2011-2008 | |
| | TT Quattro | 2009-2008 | |
| | TT Quattro | 2013-2012 | |
| Volkswagen | Eos | 2008-2007 | |
| | Phaeton | 2006 | |
| | R32 | 2008 | |
| 24324 | | OE Type Heated WB Sensor | |
| L Length: 33.5 inches (850mm) | | 5 Lead Terminated | |
| Audi | A8 Quattro | 2016-2015 | |
| Porsche | 911 | 2017-2010 | |
| | Boxster | 2016-2013 | |
| | Cayenne | 2017-2015 | |
| | Cayman | 2016-2014 | |
| | Macan | 2017-2015 | |
| Volkswagen | Beetle | 2005 | |
| | CC | 2016-2009 | |
| | Passat | 2010-2006 | |
| | Passat CC | 2010-2009 | |
| | Phaeton | 2006 | |
| 24325 | | OE Type Heated WB Sensor | |
| L Length: 15.75 inches (400mm) | | 5 Lead Terminated | |
| Audi | R8 | 2018-2017 | |
| Chevrolet | Cobalt | 2010-2008 | |
| | HHR | 2010-2008 | |
| Dodge | Ram 2500 | 2010-2007 | |
| | Ram 3500 | 2010-2007 | |
| Ford | E-350 Super Duty | 2015-2013 | |
| | E-450 Super Duty | 2015-2013 | |
| | Edge | 2014-2012 | |
| | Escape | 2016-2013 | |
| | Explorer | 2015-2012 | |
| | F-250 Super Duty | 2016-2011 | |
| | F-350 Super Duty | 2016-2011 | |
| | Flex | 2012-2009 | |
| | Focus | 2017-2013 | |
| | Fusion | 2016-2013 | |
| | Mustang | 2014-2011 | |
| | Special Service Police Sedan | 2015-2014 | |
| | Taurus | 2015-2008 | |
| | Taurus X | 2009-2008 | |
| | Transit-150 | 2017-2015 | |
| Transit-250 | 2017-2015 | | |
| Transit-350 | 2017-2015 | | |
| Transit-350 HD | 2017-2015 | | |
| Genesis | G90 | 2017 | |
| Hyundai | Elantra | 2017-2011 | |
| | Elantra Coupe | 2014-2013 | |
| | Elantra GT | 2013 | |
| | Sonata | 2016-2015 | |
| | Tucson | 2016 | |
| | Veloster | 2016 | |
| 24325 (Cont'd) | | OE Type Heated WB Sensor | |
| L Length: 15.75 inches (400mm) | | 5 Lead Terminated | |
| Kia | Forte | 2016-2014 | |
| | Forte5 | 2016-2014 | |
| | Forte Koup | 2016-2014 | |
| | Optima | 2016 | |
| Land Rover | LR2 | 2015-2013 | |
| | Range Rover | 2016 | |
| | Range Rover Evoque | 2013-2012 | |
| | Range Rover Sport | 2016 | |
| Lincoln | MKC | 2016-2015 | |
| | MKS | 2012-2009 | |
| | MKT | 2015-2010 | |
| | MKZ | 2016-2013 | |
| Mercury | Sable | 2009-2008 | |
| Mini | Cooper | 2010-2007 | |
| Pontiac | Solstice | 2009-2007 | |
| Porsche | Cayenne | 2010-2008 | |
| Ram | 2500 | 2012-2011 | |
| | 3500 | 2012-2011 | |
| Saturn | Sky | 2010-2007 | |
| 24326 | | OE Type Heated WB Sensor | |
| L Length: 28.5 inches (725mm) | | 5 Lead Terminated | |
| Audi | A3 | 2013-2006 | |
| | A3 | 2016-2015 | |
| | A3 Quattro | 2013-2006 | |
| | TT | 2009-2008 | |
| | TT Quattro | 2015-2008 | |
| BMW | 335d | 2011-2009 | |
| | 535d | 2016-2014 | |
| | 535d xDrive | 2016-2014 | |
| | X5 | 2018-2009 | |
| Ford | Expedition | 2017-2009 | |
| | F-150 | 2016-2009 | |
| | Fiesta | 2017-2014 | |
| | Transit-150 | 2017-2015 | |
| | Transit-250 | 2017-2015 | |
| | Transit-350 | 2017-2015 | |
| | Transit-350 HD | 2017-2015 | |
| | | | |
| Hyundai | Accent | 2017-2012 | |
| | Veloster | 2016-2012 | |
| Kia | Rio | 2017-2012 | |
| | Soul | 2016-2012 | |
| Lincoln | Navigator | 2017-2009 | |
| Porsche | 911 | 2017-2014 | |
| | Cayenne | 2017-2008 | |
| Saab | 9-3 | 2009-2006 | |
| Volkswagen | Beetle | 2013-2012 | |
| | Beetle | 2015 | |
| | CC | 2017-2009 | |
| | Eos | 2016-2007 | |
| | Golf | 2013 | |
| | Golf | 2015 | |
| | Golf R | 2013-2012 | |
| | Golf SportWagen | 2015 | |
| | GTI | 2014-2006 | |
| | Jetta | 2010-2005 | |
| | Jetta | 2016-2012 | |
| | Passat | 2010-2006 | |
| | Passat | 2015 | |
| Passat CC | 2010-2009 | | |
| R32 | 2008 | | |
| 24327 | | OE Type Heated WB Sensor | |
| L Length: 15.75 inches (400mm) | | 5 Lead Terminated | |
| Audi | S5 | 2012-2008 | |
| | S6 | 2007 | |



| 24327 (Cont'd) | | OE Type Heated WB Sensor | |
|--------------------------------|-----|--------------------------|-----------|
| L Length: 15.75 inches (400mm) | | 5 Lead Terminated | |
| Cadillac | CTS | | 2007-2004 |
| | SRX | | 2006-2005 |
| | STS | | 2007-2005 |

| 24328 | | OE Type Heated WB Sensor | |
|-------------------------------|------------|--------------------------|-----------|
| L Length: 29.5 inches (750mm) | | 5 Lead Terminated | |
| Audi | A3 | | 2013-2010 |
| | A4 | | 2016-2009 |
| | A4 allroad | | 2016-2013 |
| | A4 Quattro | | 2016-2009 |
| | A5 | | 2014-2010 |
| | A5 Quattro | | 2017-2010 |
| | A6 | | 2015-2012 |
| | A6 Quattro | | 2016-2013 |
| | A7 Quattro | | 2016-2014 |
| | A8 Quattro | | 2016-2014 |
| | allroad | | 2016-2013 |
| | Q5 | | 2017-2011 |
| | Q7 | | 2014-2007 |
| | R8 | | 2012-2009 |
| | R8 | | 2015-2014 |
| | S6 | | 2011-2008 |
| Ford | Expedition | | 2018 |
| | Focus | | 2017-2015 |
| Lincoln | Navigator | | 2018 |
| Porsche | Panamera | | 2016-2010 |
| Volkswagen | Beetle | | 2014-2013 |
| | CC | | 2016-2009 |
| | Golf | | 2014-2010 |
| | Jetta | | 2014-2009 |
| | Passat | | 2010-2006 |
| | Passat | | 2016-2012 |
| | Passat CC | | 2010-2009 |
| | Phaeton | | 2006 |
| | Touareg | | 2016-2007 |

| 24329 | | OE Type Heated WB Sensor | | |
|--------------------------------|---------------|--------------------------|-----------|-----------|
| L Length: 14.75 inches (375mm) | | 5 Lead Terminated | | |
| BMW | 323i | | 2006 | |
| | 325i | | 2006 | |
| | 325xi | | 2006 | |
| | 328d | | 2018-2014 | |
| | 328d xDrive | | 2018-2014 | |
| | 330i | | 2006 | |
| | 330xi | | 2006 | |
| | 525i | | 2006 | |
| | 525xi | | 2006 | |
| | 530i | | 2006 | |
| | 530xi | | 2006 | |
| | M3 | | 2013-2008 | |
| | X3 | | 2017-2015 | |
| | X5 | | 2018-2014 | |
| | Jeep | Grand Cherokee | | 2009-2007 |
| | Mercedes-Benz | C350 | | 2016-2013 |
| | | CL550 | | 2010-2009 |
| E400 | | | 2014-2013 | |
| G63 AMG | | | 2017-2013 | |
| GL63 AMG | | | 2016-2013 | |
| GL450 | | | 2016-2013 | |
| GL550 | | | 2016-2013 | |
| GLE43 AMG | | | 2017 | |
| GLE63 AMG | | | 2017-2016 | |
| GLE63 AMG S | | | 2017-2016 | |
| GLE350 | | | 2017-2016 | |
| GLE400 | | 2017-2016 | | |
| GLE450 AMG | | 2016 | | |

| 24329 (Cont'd) | | OE Type Heated WB Sensor | |
|--------------------------------|--------------|--------------------------|-----------|
| L Length: 14.75 inches (375mm) | | 5 Lead Terminated | |
| Mercedes-Benz | GLE550 | | 2017-2016 |
| | GLE550e | | 2017-2016 |
| | GLS63 AMG | | 2017 |
| | GLS550 | | 2017 |
| | Maybach S550 | | 2017 |
| | ML63 AMG | | 2015-2012 |
| | ML320 | | 2009 |
| | ML350 | | 2010 |
| | ML350 | | 2014-2012 |
| | ML400 | | 2015 |
| | ML550 | | 2015-2012 |
| | R320 | | 2009 |
| | R350 | | 2013-2012 |
| | S400 | | 2013-2010 |
| S450 | | 2011-2008 | |
| S550 | | 2011-2007 | |
| S550 | | 2017 | |
| Smart | Fortwo | | 2015-2008 |

| 24330 | | OE Type Heated WB Sensor | |
|--------------------------------|---------------|--------------------------|-----------|
| L Length: 21.75 inches (550mm) | | 5 Lead Terminated | |
| BMW | 328d | | 2018-2014 |
| | 328d xDrive | | 2018-2014 |
| | 535d | | 2016-2014 |
| | 535d xDrive | | 2016-2014 |
| | 550i | | 2010-2006 |
| | 650i | | 2010-2006 |
| | 740Ld xDrive | | 2015 |
| Dodge | Sprinter 2500 | | 2008-2007 |
| | Sprinter 3500 | | 2008-2007 |
| Freightliner | Sprinter 2500 | | 2008-2007 |
| | Sprinter 3500 | | 2008-2007 |
| Infiniti | Q50 | | 2018-2016 |
| | Q60 | | 2018-2017 |
| | QX30 | | 2018-2017 |
| Mercedes-Benz | AMG GT | | 2017 |
| | AMG GT S | | 2017-2016 |
| | B250 | | 2018-2013 |
| | C43 AMG | | 2017 |
| | C63 AMG | | 2015-2008 |
| | C230 | | 2009-2008 |
| | C250 | | 2012-2010 |
| | C280 | | 2007-2006 |
| | C300 | | 2014-2008 |
| | C350 | | 2014-2006 |
| | C400 | | 2015 |
| | C450 AMG | | 2016 |
| | CL63 AMG | | 2014-2011 |
| | CL550 | | 2014-2007 |
| | CLA45 AMG | | 2017-2014 |
| | CLA250 | | 2017-2014 |
| | CLS63 AMG | | 2011-2007 |
| | CLS63 AMG | | 2014 |
| | CLS63 AMG S | | 2017-2014 |
| | CLS550 | | 2011-2007 |
| CLS550 | | 2017-2014 | |
| E63 AMG | | 2009-2007 | |
| E63 AMG | | 2015-2014 | |
| E63 AMG S | | 2016-2014 | |
| E300 | | 2013-2012 | |
| E320 | | 2009-2007 | |
| E350 | | 2014-2006 | |
| E550 | | 2011-2007 | |
| E550 | | 2017-2013 | |
| G65 AMG | | 2017-2016 | |
| G550 | | 2015-2009 | |



| 24330 (Cont'd) | | OE Type Heated WB Sensor | | 24332 | | OE Type Heated WB Sensor | |
|--------------------------------|--------------|--------------------------|-----------|---------------------------------|---------------|--------------------------|-----------|
| L Length: 21.75 inches (550mm) | | 5 Lead Terminated | | L Length: 32.5 inches (825mm) | | 5 Lead Terminated | |
| Mercedes-Benz | GL320 | | 2009-2007 | BMW | 528i | | 2011 |
| | GL350 | | 2010 | | X3 | | 2012-2010 |
| | GL450 | | 2012-2007 | Dodge | Sprinter 2500 | | 2009-2003 |
| | GL450 | | 2016-2015 | | Sprinter 3500 | | 2009-2003 |
| | GL550 | | 2012-2008 | Freightliner | Sprinter 2500 | | 2009-2002 |
| | GLA45 AMG | | 2017-2015 | | Sprinter 3500 | | 2009-2002 |
| | GLA250 | | 2017-2015 | Mercedes-Benz | C230 | | 2007-2006 |
| | GLE43 AMG | | 2017 | | C280 | | 2007-2006 |
| | GLE400 | | 2017-2016 | | C350 | | 2007-2006 |
| | GLE450 AMG | | 2016 | | CL63 AMG | | 2010-2008 |
| | GLE550e | | 2017-2016 | | CLK63 AMG | | 2009-2007 |
| | GLK350 | | 2015-2010 | | CLK350 | | 2009-2006 |
| | Maybach S550 | | 2017 | | CLK550 | | 2009-2007 |
| | Maybach S600 | | 2017-2016 | | CLS63 AMG | | 2011-2007 |
| | ML63 AMG | | 2011-2007 | | CLS550 | | 2017-2015 |
| | ML320 | | 2008-2007 | | E63 AMG | | 2011-2007 |
| | ML350 | | 2011-2006 | | E280 | | 2007 |
| | ML400 | | 2015 | | E300 | | 2009-2008 |
| | ML450 | | 2010 | | E350 | | 2011-2006 |
| | ML500 | | 2006-2005 | | E550 | | 2011-2007 |
| | ML550 | | 2011-2008 | | G550 | | 2018-2016 |
| | R63 AMG | | 2007 | | G550 4x4 | | 2018-2017 |
| | R320 | | 2008-2007 | | ML450 | | 2010 |
| | R350 | | 2011-2006 | S63 AMG | | 2010-2008 | |
| | R550 | | 2008 | SL63 AMG | | 2012-2009 | |
| | S63 AMG | | 2017-2011 | SLK280 | | 2008-2006 | |
| | S65 AMG | | 2017-2015 | SLK300 | | 2011-2009 | |
| | S350 | | 2006 | SLK350 | | 2011-2005 | |
| | S400 | | 2013-2010 | SLS AMG | | 2015-2011 | |
| | S450 | | 2011-2008 | | | | |
| | S550 | | 2017-2007 | | | | |
| | S600 | | 2017-2015 | | | | |
| | SL63 AMG | | 2017-2013 | | | | |
| SL65 AMG | | 2017-2013 | | | | | |
| SL550 | | 2017-2007 | | | | | |
| SLK55 AMG | | 2016-2012 | | | | | |
| SLK280 | | 2008-2006 | | | | | |
| SLK300 | | 2011-2009 | | | | | |
| SLK350 | | 2011-2005 | | | | | |
| Smart | Fortwo | | 2017-2016 | | | | |
| 24331 | | OE Type Heated WB Sensor | | 24333 | | OE Type Heated WB Sensor | |
| L Length: 26.5 inches (675mm) | | 5 Lead Terminated | | L Length: 41.25 inches (1050mm) | | 5 Lead Terminated | |
| BMW | 550i | | 2010-2006 | BMW | 128i | | 2013-2008 |
| | 650i | | 2010-2006 | | 323i | | 2011-2006 |
| | 750i | | 2008-2006 | | 325i | | 2006 |
| | 750Li | | 2008-2006 | | 325xi | | 2006 |
| | 760Li | | 2008-2007 | | 328d | | 2018-2014 |
| | M5 | | 2010-2006 | | 328d xDrive | | 2018-2014 |
| | M6 | | 2010-2006 | | 328i | | 2013-2007 |
| | X5 | | 2010-2007 | | 328i xDrive | | 2013-2009 |
| Mercedes-Benz | C300 | | 2017-2015 | | 328xi | | 2008-2007 |
| | C350e | | 2017-2016 | | 330i | | 2006 |
| | E300 | | 2017 | | 330xi | | 2006 |
| | G550 | | 2015-2009 | | 525i | | 2007-2006 |
| | GLC300 | | 2017-2016 | | 525xi | | 2007-2006 |
| | Metris | | 2017-2016 | | 528i | | 2011-2008 |
| | ML450 | | 2011-2010 | | 528i xDrive | | 2010-2009 |
| | SL63 AMG | | 2017-2013 | | 528xi | | 2008 |
| | SL550 | | 2017-2013 | | 530i | | 2007-2006 |
| | SLC300 | | 2017 | 530xi | | 2007-2006 | |
| | SLK300 | | 2016 | 550i | | 2010-2006 | |
| Mini | Cooper | | 2012-2007 | 650i | | 2010-2006 | |
| Rolls-Royce | Phantom | | 2011-2007 | 740i | | 2012-2011 | |
| | | | | 740Li | | 2012-2011 | |
| | | | | X1 | | 2011-2010 | |
| | | | | X3 | | 2012-2007 | |
| | | | | X3 | | 2017-2015 | |
| | | | | X5 | | 2010-2007 | |
| | | | | Z4 | | 2011-2006 | |
| | | | | Mercedes-Benz | C63 AMG | | 2017-2016 |
| | | | | C63 AMG S | | 2017-2015 | |
| 24334 | | OE Type Heated WB Sensor | | | | | |
| L Length: 12.75 inches (325mm) | | 5 Lead Terminated | | L Length: 12.75 inches (325mm) | | 5 Lead Terminated | |
| | | | | Audi | S6 | | 2009-2008 |
| | | | | | S8 | | 2009-2008 |



| 24334 (Cont'd) | | OE Type Heated WB Sensor | |
|--------------------------------|------------------------------|--------------------------|--|
| L Length: 12.75 inches (325mm) | | 5 Lead Terminated | |
| Ford | Edge | 2018-2015 | |
| | Escape | 2018-2017 | |
| | Expedition | 2018 | |
| | Explorer | 2018-2016 | |
| | F-150 | 2016-2015 | |
| | Focus | 2018-2016 | |
| | Fusion | 2018-2014 | |
| | GT | 2017 | |
| | Mustang | 2018-2015 | |
| | Special Service Police Sedan | 2018-2016 | |
| | Taurus | 2017-2016 | |
| Lincoln | Continental | 2018-2017 | |
| | MKC | 2018-2017 | |
| | MKT | 2016 | |
| | MKX | 2018-2016 | |
| | MKZ | 2018-2017 | |
| | Navigato | 2018 | |
| Porsche | Cayenne | 2017-2008 | |

| 24335 | | OE Type Heated WB Sensor | |
|-------------------------------|------------|--------------------------|--|
| L Length: 24.5 inches (625mm) | | 5 Lead Terminated | |
| Audi | A8 Quattro | 2009-2007 | |
| | R8 | 2009-2008 | |
| | RS4 | 2008-2007 | |
| | S6 | 2007 | |

| 24336 | | OE Type Heated WB Sensor | |
|--------------------------------|----|--------------------------|--|
| L Length: 13.75 inches (350mm) | | 5 Lead Terminated | |
| Audi | S6 | 2007 | |
| | S8 | 2007 | |

| 24337 | | OE Type Heated WB Sensor | |
|---------------------------------|-------------|--------------------------|--|
| L Length: 51.25 inches (1300mm) | | 5 Lead Terminated | |
| BMW | 535i | 2010-2008 | |
| | 535i xDrive | 2010-2009 | |
| | 535xi | 2008 | |
| | 740i | 2012-2011 | |
| | 740Li | 2012-2011 | |
| | X6 | 2010-2008 | |
| Mercedes-Benz | CLK63 AMG | 2009-2007 | |
| | E320 | 2006-2005 | |

| 24338 | | OE Type Heated WB Sensor | |
|------------------------------|------------|--------------------------|--|
| L Length: 67 inches (1700mm) | | 5 Lead Terminated | |
| Audi | A8 Quattro | 2010-2007 | |
| | R8 | 2012-2010 | |
| | R8 | 2015-2014 | |

| 24339 | | OE Type Heated WB Sensor | |
|------------------------------|------------|--------------------------|--|
| L Length: 57 inches (1450mm) | | 5 Lead Terminated | |
| Audi | A4 | 2009-2005 | |
| | A4 Quattro | 2009-2005 | |
| Porsche | 911 | 2012-2009 | |
| | Boxster | 2012-2009 | |
| | Cayenne | 2014-2008 | |
| | Cayman | 2012-2009 | |
| | Panamera | 2016-2014 | |

| 24340 | | OE Type Heated WB Sensor | |
|---------------------------------|----|--------------------------|--|
| L Length: 50.25 inches (1275mm) | | 5 Lead Terminated | |
| Audi | S8 | 2007 | |

| 24341 | | OE Type Heated WB Sensor | |
|---------------------------------|---------|--------------------------|--|
| L Length: 40.25 inches (1025mm) | | 5 Lead Terminated | |
| Volkswagen | Beetle | 2008-2004 | |
| | Golf | 2006-2004 | |
| | Jetta | 2006-2004 | |
| | Passat | 2005-2004 | |
| | Touareg | 2008-2005 | |

| 24342 | | OE Type Heated WB Sensor | |
|---------------------------------|---------|--------------------------|--|
| L Length: 52.25 inches (1325mm) | | 5 Lead Terminated | |
| Audi | A3 | 2013-2010 | |
| | S8 | 2009-2008 | |
| Volkswagen | Beetle | 2014-2012 | |
| | Golf | 2014-2010 | |
| | Jetta | 2014-2005 | |
| | Passat | 2016-2012 | |
| | Rabbit | 2009-2006 | |
| | Touareg | 2008-2006 | |

| 24343 | | OE Type Heated WB Sensor | |
|-------------------------------|-----|--------------------------|--|
| L Length: 28.5 inches (725mm) | | 5 Lead Terminated | |
| Audi | RS4 | 2008-2007 | |
| Porsche | 911 | 2009-2006 | |
| | 911 | 2011 | |

| 24344 | | OE Type Heated WB Sensor | |
|---------------------------------|----|--------------------------|--|
| L Length: 52.25 inches (1325mm) | | 5 Lead Terminated | |
| Audi | S8 | 2007 | |

| 24345 | | OE Type Heated WB Sensor | |
|---------------------------------|-------------|--------------------------|--|
| L Length: 47.25 inches (1200mm) | | 5 Lead Terminated | |
| BMW | 1 Series M | 2011 | |
| | 135i | 2010-2008 | |
| | 335i | 2010-2007 | |
| | 335is | 2013-2011 | |
| | 335i xDrive | 2010-2009 | |
| | 335xi | 2008-2007 | |
| | 535i | 2010-2008 | |
| | 535i xDrive | 2010-2009 | |
| | 535xi | 2008 | |
| | X6 | 2010-2008 | |
| | Z4 | 2016-2009 | |

| 24346 | | OE Type Heated WB Sensor | |
|-------------------------------|---------|--------------------------|--|
| L Length: 11.5 inches (295mm) | | 5 Lead Terminated | |
| Acura | MDX | 2009-2007 | |
| Honda | Odyssey | 2010-2007 | |

| 24347 | | OE Type Heated WB Sensor | |
|------------------------------|------------|--------------------------|--|
| L Length: 68 inches (1725mm) | | 5 Lead Terminated | |
| Audi | A8 Quattro | 2009-2008 | |
| Volkswagen | Beetle | 2010-2008 | |

| 24348 | | OE Type Heated WB Sensor | | |
|--------------------------------|------------|--------------------------|-----------|--|
| L Length: 20.75 inches (525mm) | | 5 Lead Terminated | | |
| Audi | A8 Quattro | 2009-2008 | | |
| | Q3 | 2017-2015 | | |
| | Q3 Quattro | 2017-2015 | | |
| | Q7 | 2015 | | |
| | R8 | 2018-2017 | | |
| | Ford | C-Max | 2017-2013 | |
| | | E-150 | 2014-2009 | |
| | | E-250 | 2014-2009 | |
| | | E-350 Super Duty | 2016-2009 | |
| | | E-450 Super Duty | 2016-2009 | |
| | | Escape | 2016-2009 | |
| Expedition | | 2017-2009 | | |
| Explorer | | 2017-2013 | | |
| F53 | | 2014-2011 | | |
| F-150 | | 2016-2009 | | |
| F-450 Super Duty | | 2016-2011 | | |
| F-550 Super Duty | | 2016-2011 | | |
| Fiesta | | 2017-2014 | | |
| Flex | | 2017-2010 | | |
| Focus | 2017-2012 | | | |
| Fusion | 2017-2010 | | | |
| Mustang | 2014-2011 | | | |
| Police Interceptor Sedan | 2017-2013 | | | |
| Police Interceptor Utility | 2017-2014 | | | |



| 24348 (Cont'd) OE Type Heated WB Sensor | | 24357 OE Type Heated WB Sensor | |
|--|---------------------------|--|----------------------------------|
| L Length: 20.75 inches (525mm) | | L Length: 29.00 / 30.50 inches (735 / 775mm) | |
| 5 Lead Terminated | | 5 Lead Terminated | |
| Ford | Taurus 2017-2010 | Mazda | 3 2009-2007 |
| | Transit Connect 2016-2014 | | |
| Hyundai | Elantra 2013-2011 | 24358 OE Type Heated WB Sensor | |
| | Elantra Coupe 2013 | L Length: 21.75 inches (550mm) | |
| | Elantra GT 2017-2013 | 5 Lead Terminated | |
| | Tucson 2016-2014 | Mazda | 6 2013-2009 |
| | Veloster 2015-2013 | | |
| Jaguar | XF 2015-2013 | 24359 OE Type Heated WB Sensor | |
| Kia | Forte 2016-2014 | L Length: 10 inches (257mm) | |
| | Forte5 2016-2014 | 5 Lead Terminated | |
| | Forte Koup 2016-2014 | Acura | RL 2010-2009 |
| | Rondo 2016-2014 | | |
| | Soul 2016-2012 | 24360 OE Type Heated WB Sensor | |
| Lincoln | MKC 2016-2015 | L Length: 23.25 / 24.50 inches (590 / 620mm) | |
| | MKS 2016-2010 | 5 Lead Terminated | |
| | MKT 2017-2010 | Mazda | 6 2008-2006 |
| | MKZ 2017-2011 | | |
| | Navigator 2017-2009 | 24361 OE Type Heated WB Sensor | |
| Mazda | Tribute 2010-2009 | L Length: 41.25 inches (1050mm) | |
| Mercury | Mariner 2011-2009 | 5 Lead Terminated | |
| | Milan 2011-2010 | Porsche | 918 Spyder 2015 |
| Porsche | Cayenne 2017-2011 | | Panamera 2016-2010 |
| | Panamera 2016-2012 | | |
| Volkswagen | Jetta 2015-2011 | 24362 OE Type Heated WB Sensor | |
| | Tiguan 2016-2009 | L Length: 21.75 inches (550mm) | |
| | Touareg 2016-2011 | 5 Lead Terminated | |
| | | Hyundai | Elantra 2010 |
| 24349 OE Type Heated WB Sensor | | 24363 OE Type Heated WB Sensor | |
| L Length: 62 inches (1575mm) | | L Length: 19.00 / 19.50 inches (480 / 495mm) | |
| 5 Lead Terminated | | 5 Lead Terminated | |
| Audi | A8 Quattro 2009-2008 | Mazda | CX-7 2012-2010 |
| Porsche | Cayenne 2017-2011 | | |
| | Panamera 2016-2012 | 24364 OE Type Heated WB Sensor | |
| Volkswagen | Touareg 2015-2011 | L Length: 18.25 inches (465mm) | |
| | | 5 Lead Terminated | |
| 24350 OE Type Heated WB Sensor | | BMW | 228i 2016-2014 |
| L Length: 43.25 inches (1100mm) | | | 228i xDrive 2016-2015 |
| 5 Lead Terminated | | | 320i 2018-2012 |
| Audi | A8 Quattro 2009-2008 | | 320i xDrive 2018-2013 |
| | A8 Quattro 2016-2015 | | 328i 2016-2012 |
| Volkswagen | Touareg 2005 | | 328i GT xDrive 2016-2014 |
| | | | 328i xDrive 2016-2013 |
| | | | 335i 2015-2014 |
| | | | 335i GT xDrive 2016-2015 |
| | | | 335i xDrive 2015-2014 |
| | | | 428i 2016-2014 |
| | | | 428i Gran Coupe 2016-2015 |
| | | | 428i xDrive 2016-2014 |
| | | | 428i xDrive Gran Coupe 2016-2015 |
| | | | 435i 2016-2014 |
| | | | 435i Gran Coupe 2016-2015 |
| | | | 435i xDrive 2016-2014 |
| | | | 435i xDrive Gran Coupe 2016-2015 |
| | | | 528i 2016-2012 |
| | | | 528i xDrive 2016-2012 |
| | | | 535i 2016-2011 |
| | | | 535i GT 2017-2010 |
| | | | 535i GT xDrive 2017-2011 |
| | | | 535i xDrive 2016-2013 |
| | | | 640i 2018-2012 |
| | | | 640i Gran Coupe 2018-2013 |
| | | | 640i xDrive 2018-2014 |
| | | | 640i xDrive Gran Coupe 2018-2014 |
| | | | 740i 2015-2013 |
| | | | 740Li 2015-2013 |
| | | | 740Li xDrive 2015-2013 |
| | | | ActiveHybrid 3 2015-2014 |
| | | | ActiveHybrid 5 2016-2012 |
| | | | ActiveHybrid 7 2015-2013 |
| | | | i3 2018-2014 |
| | | | i3s 2018 |
| | | | i8 2017-2014 |
| | | | M2 2018-2016 |
| | | | M3 2018-2015 |
| 24351 OE Type Heated WB Sensor | | | |
| L Length: 39.25 inches (1000mm) | | | |
| 5 Lead Terminated | | | |
| Volkswagen | Touareg 2004 | | |
| 24352 OE Type Heated WB Sensor | | | |
| L Length: 41.25 inches (1050mm) | | | |
| 5 Lead Terminated | | | |
| Volkswagen | Touareg 2004 | | |
| 24353 OE Type Heated WB Sensor | | | |
| L Length: 20.75 inches (530mm) | | | |
| 5 Lead Terminated | | | |
| Hyundai | Elantra 2009-2007 | | |
| Kia | Spectra 2009-2007 | | |
| 24354 OE Type Heated WB Sensor | | | |
| L Length: 28.75 / 30.75 inches (730 / 780mm) | | | |
| 5 Lead Terminated | | | |
| Mazda | 6 2007-2006 | | |
| 24355 OE Type Heated WB Sensor | | | |
| L Length: 19.5 inches (495mm) | | | |
| 5 Lead Terminated | | | |
| Mazda | 3 2013-2006 | | |
| | 3 Sport 2011-2009 | | |
| | 5 2010-2008 | | |
| 24356 OE Type Heated WB Sensor | | | |
| L Length: 30.25 / 31.50 inches (770 / 800mm) | | | |
| 5 Lead Terminated | | | |
| Mazda | CX-7 2009-2007 | | |



| 24364 (Cont'd) | | OE Type Heated WB Sensor | |
|--------------------------------|--------------|--------------------------|--|
| L Length: 18.25 inches (465mm) | | 5 Lead Terminated | |
| BMW | M4 | 2018-2015 | |
| | M235i | 2016-2014 | |
| | M235i xDrive | 2016-2015 | |
| | X1 | 2015-2012 | |
| | X3 | 2017-2013 | |
| | X4 | 2018-2015 | |
| | X5 | 2018-2011 | |
| | X6 | 2018-2011 | |
| | Z4 | 2016-2012 | |

| 24365 | | OE Type Heated WB Sensor | |
|--------------------------------|-----------------------------|--------------------------|--|
| L Length: 18.75 inches (475mm) | | 5 Lead Terminated | |
| BMW | 550i | 2016-2011 | |
| | 550i GT | 2015-2010 | |
| | 550i GT xDrive | 2017-2010 | |
| | 550i xDrive | 2016-2011 | |
| | 650i | 2018-2012 | |
| | 650i Gran Coupe | 2018-2013 | |
| | 650i xDrive | 2018-2012 | |
| | 650i xDrive Gran Coupe | 2018-2013 | |
| | 750i | 2015-2009 | |
| | 750i xDrive | 2015-2010 | |
| | 750Li | 2015-2009 | |
| | 750Li xDrive | 2015-2010 | |
| | 760Li | 2015-2010 | |
| | Alpina B6 Gran Coupe | 2016 | |
| | Alpina B6 xDrive Gran Coupe | 2018-2015 | |
| | Alpina B7 | 2015-2011 | |
| | Alpina B7L | 2015-2011 | |
| | Alpina B7L xDrive | 2015-2011 | |
| | Alpina B7 xDrive | 2015-2011 | |
| | M5 | 2016-2012 | |
| | M6 | 2018-2012 | |
| | M6 Gran Coupe | 2018-2014 | |
| | X5 | 2018-2010 | |
| X6 | 2018-2008 | | |
| Mini | Cooper | 2015-2011 | |
| | Cooper Countryman | 2016-2011 | |
| | Cooper Paceman | 2016-2013 | |
| Rolls-Royce | Ghost | 2011-2010 | |

| 24366 | | OE Type Heated WB Sensor | |
|--------------------------------|---------------|--------------------------|--|
| L Length: 21.75 inches (550mm) | | 5 Lead Terminated | |
| Freightliner | Sprinter 2500 | 2016-2010 | |
| | Sprinter 3500 | 2016-2010 | |
| Mercedes-Benz | E350 | 2013-2011 | |
| | Sprinter 2500 | 2016-2010 | |
| | Sprinter 3500 | 2016-2010 | |

| 24367 | | OE Type Heated WB Sensor | |
|-------------------------------|---------|--------------------------|--|
| L Length: 16.5 inches (420mm) | | 5 Lead Terminated | |
| Mazda | 3 | 2013-2012 | |
| | 3 Sport | 2013-2011 | |

| 24368 | | OE Type Heated WB Sensor | |
|-----------------------------|---------|--------------------------|--|
| L Length: 19 inches (480mm) | | 5 Lead Terminated | |
| Mazda | 3 | 2013-2012 | |
| | 3 Sport | 2013-2012 | |

| 24369 | | OE Type Heated WB Sensor | |
|-------------------------------|---------|--------------------------|--|
| L Length: 24.5 inches (625mm) | | 5 Lead Terminated | |
| Mazda | 3 | 2016-2014 | |
| | 3 Sport | 2016-2014 | |
| | 6 | 2017-2014 | |
| | CX-5 | 2017-2013 | |

| 24370 | | OE Type Heated WB Sensor | |
|-------------------------------|----------------|--------------------------|--|
| L Length: 17.5 inches (445mm) | | 5 Lead Terminated | |
| Hyundai | Santa Fe Sport | 2015-2013 | |

| 24370 (Cont'd) | | OE Type Heated WB Sensor | |
|-------------------------------|----------|--------------------------|--|
| L Length: 17.5 inches (445mm) | | 5 Lead Terminated | |
| Hyundai | Sonata | 2014-2011 | |
| Kia | Optima | 2015-2011 | |
| | Sportage | 2016-2011 | |

| 24371 | | OE Type Heated WB Sensor | |
|--------------------------------|---------------|--------------------------|--|
| L Length: 23.75 inches (605mm) | | 5 Lead Terminated | |
| Hyundai | Genesis Coupe | 2014-2013 | |

| 24372 | | OE Type Heated WB Sensor | |
|-------------------------------|-----------|--------------------------|--|
| L Length: 10.5 inches (268mm) | | 5 Lead Terminated | |
| Acura | MDX | 2018-2014 | |
| | RDX | 2018-2013 | |
| | RLX | 2018-2014 | |
| | TLX | 2018-2015 | |
| Honda | Accord | 2017-2013 | |
| | Crosstour | 2015-2013 | |
| | Odyssey | 2017-2014 | |
| | Pilot | 2018-2012 | |
| | Ridgeline | 2014-2012 | |
| | Ridgeline | 2018-2017 | |

| 24373 | | OE Type Heated WB Sensor | |
|-------------------------------|--------|--------------------------|--|
| L Length: 10.5 inches (268mm) | | 5 Lead Terminated | |
| Acura | RLX | 2018-2016 | |
| Honda | Accord | 2017-2013 | |

| 24374 | | OE Type Heated WB Sensor | |
|--------------------------------|-----------|--------------------------|--|
| L Length: 18.75 inches (475mm) | | 5 Lead Terminated | |
| Mercedes-Benz | CLS63 AMG | 2013-2012 | |
| | CLS550 | 2013-2012 | |
| | E63 AMG | 2013-2012 | |
| | E550 | 2012 | |

| 24375 | | OE Type Heated WB Sensor | |
|-------------------------------|-----------|--------------------------|--|
| L Length: 27.5 inches (700mm) | | 5 Lead Terminated | |
| Mercedes-Benz | SLK55 AMG | 2016-2012 | |
| | SLK350 | 2014-2012 | |

| 24376 | | OE Type Heated WB Sensor | |
|--------------------------------|------|--------------------------|--|
| L Length: 18.75 inches (475mm) | | 5 Lead Terminated | |
| Infiniti | M56 | 2013-2011 | |
| | Q70 | 2014 | |
| | QX56 | 2013-2011 | |
| | QX80 | 2014 | |

| 24377 | | OE Type Heated WB Sensor | |
|-----------------------------|---------------|--------------------------|--|
| L Length: 13 inches (330mm) | | 5 Lead Terminated | |
| Freightliner | Sprinter 2500 | 2016-2014 | |
| | Sprinter 3500 | 2016-2014 | |
| Mercedes-Benz | GLE350d | 2016 | |
| | ML350 | 2014-2012 | |
| | Sprinter 2500 | 2016-2014 | |
| | Sprinter 3500 | 2016-2014 | |

| 24381 | | OE Type Heated WB Sensor | |
|--------------------------------|----------------|--------------------------|--|
| L Length: 17.75 inches (450mm) | | 5 Lead Terminated | |
| Hyundai | Santa Fe | 2012-2010 | |
| | Santa Fe Sport | 2015-2013 | |
| | Sonata | 2015-2009 | |
| | Tucson | 2015-2010 | |

| 24382 | | OE Type Heated WB Sensor | |
|--------------------------------|------------|--------------------------|--|
| L Length: 18.75 inches (475mm) | | 5 Lead Terminated | |
| Kia | Forte | 2013-2010 | |
| | Forte5 | 2013-2012 | |
| | Forte Koup | 2013-2010 | |
| | Optima | 2016-2011 | |
| | Rondo | 2012-2009 | |
| | Sorento | 2014-2011 | |
| | Sportage | 2016-2011 | |

| 24382 | | OE Type Heated WB Sensor | |
|--------------------------------|--------|--------------------------|--|
| L Length: 18.75 inches (475mm) | | 5 Lead Terminated | |
| Hyundai | Sonata | 2010-2009 | |



| | | | |
|--|----------------------------|-----------------------------------|--|
| 24384 | | OE Type Heated WB Sensor | |
| L Length: 11.5 inches (292mm) | | 5 Lead Terminated | |
| Ford | Fusion | 2010 | |
| Mazda | 6 | 2010-2009 | |
| Mercury | Milan | 2010 | |
| 24385 | | OE Type Heated WB Sensor | |
| L Length: 10.25 inches (263mm) | | 5 Lead Terminated | |
| Acura | MDX | 2013-2010 | |
| | RL | 2012-2011 | |
| | TL | 2014-2009 | |
| | TSX | 2014-2010 | |
| | ZDX | 2013-2010 | |
| Honda | Accord | 2012-2008 | |
| | Accord Crosstour | 2011-2010 | |
| | Crosstour | 2012 | |
| | Odyssey | 2013-2011 | |
| | Pilot | 2011-2009 | |
| | Ridgeline | 2011-2009 | |
| 24386 | | OE Type Heated WB Sensor | |
| L Length: 10.25 inches (263mm) | | 5 Lead Terminated | |
| Honda | Accord | 2010-2008 | |
| 24387 | | OE Type Heated WB Sensor | |
| L Length: 11.5 inches (292mm) | | 5 Lead Terminated | |
| Ford | Edge | 2011 | |
| | Escape | 2012-2010 | |
| | Explorer | 2011 | |
| | Fusion | 2012-2010 | |
| | Mustang | 2011 | |
| Lincoln | MKX | 2011 | |
| Mazda | 6 | 2013-2011 | |
| | CX-9 | 2015-2011 | |
| Mercury | Tribute | 2011-2010 | |
| | Mariner | 2011-2010 | |
| | Milan | 2011-2010 | |
| 24388 | | OE Type Heated WB Sensor | |
| L Length: 16.5 inches (422mm) | | 5 Lead Terminated | |
| Ford | Escape | 2012-2010 | |
| | Fusion | 2012-2010 | |
| Mazda | Tribute | 2011-2010 | |
| Mercury | Mariner | 2011-2010 | |
| | Milan | 2011-2010 | |
| 24389 | | OE Type Heated WB Sensor | |
| L Length: 25.5 inches (645mm) | | 5 Lead Terminated | |
| Kia | Magentis | 2010 | |
| | Optima | 2010 | |
| | Rondo | 2012-2009 | |
| 24390 | | OE Type Heated WB Sensor | |
| L Length: 26 inches (660mm) | | 5 Lead Terminated | |
| Hyundai | Sonata | 2014-2011 | |
| | Tucson | 2013-2010 | |
| Kia | Forte | 2013-2010 | |
| | Forte5 | 2013-2012 | |
| | Forte Koup | 2013-2010 | |
| | Optima | 2013-2011 | |
| | Sportage | 2013-2011 | |
| 24391 | | OE Type Heated WB Sensor | |
| L Length: 19.5 inches (495mm) | | 5 Lead Terminated | |
| Mazda | 3 | 2011-2010 | |
| | 3 Sport | 2011-2010 | |
| 24392 | | OE Type Heated WB Sensor | |
| L Length: 30.00 / 31.00 inches (760 / 790mm) | | 5 Lead Terminated | |
| Mazda | CX-7 | 2012-2010 | |
| 24393 | | OE Type Heated WB Sensor | |
| L Length: 28.25 / 29.75 inches (715 / 755mm) | | 5 Lead Terminated | |
| Mazda | 3 | 2013-2010 | |
| 24394 | | OE Type Heated WB Sensor | |
| L Length: 20.5 inches (520mm) | | 5 Lead Terminated | |
| Dodge | Dart | 2014-2013 | |
| Fiat | 500 | 2017-2012 | |
| 24395 | | OE Type Heated WB Sensor | |
| L Length: 12.5 inches (320mm) | | 5 Lead Terminated | |
| Mazda | 3 | 2013-2010 | |
| | 3 Sport | 2013-2010 | |
| 24396 | | OE Type Heated WB Sensor | |
| L Length: 11.00 / 12.50 inches (280 / 320mm) | | 5 Lead Terminated | |
| Mazda | 5 | 2017-2012 | |
| 24397 | | OE Type Heated WB Sensor | |
| L Length: 11.5 inches (292mm) | | 5 Lead Terminated | |
| Ford | Edge | 2014-2012 | |
| | Explorer | 2015-2012 | |
| | F-150 | 2014-2011 | |
| | Flex | 2015-2013 | |
| | Mustang | 2014-2012 | |
| | Police Interceptor Sedan | 2015-2013 | |
| | Police Interceptor Utility | 2015-2013 | |
| | Taurus | 2015-2013 | |
| | Transit-150 | 2015 | |
| | Transit-250 | 2015 | |
| | Transit-350 | 2015 | |
| | Transit-350 HD | 2015 | |
| Lincoln | MKS | 2015-2013 | |
| | MKT | 2015-2013 | |
| | MKX | 2015-2012 | |
| | MKZ | 2016-2013 | |
| 24398 | | OE Type Heated WB Sensor | |
| L Length: 26.5 inches (670mm) | | 5 Lead Terminated | |
| Mitsubishi | Lancer | 2012-2011 | |
| | Outlander | 2010 | |
| | Outlander Sport | 2012-2011 | |
| | RVR | 2012-2011 | |
| 24399 | | OE Type Heated WB Sensor | |
| L Length: 40.5 inches (1030mm) | | 5 Lead Terminated | |
| Mitsubishi | Lancer | 2017-2011 | |
| | Outlander | 2013-2011 | |
| | Outlander Sport | 2013-2011 | |
| | Outlander Sport | 2018-2015 | |
| | RVR | 2013-2011 | |
| | RVR | 2018-2015 | |
| 24400 | | OE Type Heated ZrO2 Sensor | |
| L Length: 35.75 inches (911mm) | | 4 Lead Terminated | |
| Nissan | Pathfinder | 2004-2003 | |
| 24401 | | OE Type Heated ZrO2 Sensor | |
| L Length: 21 inches (531mm) | | 4 Lead Terminated | |
| Infiniti | FX35 | 2004-2003 | |
| | FX45 | 2005-2003 | |
| | G35 | 2004-2003 | |
| | M45 | 2004-2003 | |
| | Q45 | 2006-2002 | |
| Nissan | 350Z | 2004-2003 | |
| 24404 | | OE Type Heated ZrO2 Sensor | |
| L Length: 14.5 inches (371mm) | | 4 Lead Terminated | |
| Infiniti | FX35 | 2006-2003 | |
| | FX45 | 2008-2003 | |
| | G35 | 2006-2003 | |
| | M35 | 2006 | |



| 24404 (Cont'd) OE Type Heated ZrO2 Sensor | |
|---|-------------------|
| L Length: 14.5 inches (371mm) 4 Lead Terminated | |
| Infiniti | M45 2004-2003 |
| | M45 2010-2006 |
| | Q45 2006-2002 |
| Nissan | 350Z 2006-2003 |
| | Altima 2006-2004 |
| | Maxima 2008-2004 |
| | Murano 2007-2003 |
| | Quest 2009-2004 |
| | Sentra 2006-2004 |
| 24405 OE Type Heated ZrO2 Sensor | |
| L Length: 35 inches (891mm) 4 Lead Terminated | |
| Nissan | Pathfinder 2003 |
| 24406 OE Type Heated ZrO2 Sensor | |
| L Length: 47.75 inches (1211mm) 4 Lead Terminated | |
| Nissan | Pathfinder 2003 |
| 24407 OE Type Heated ZrO2 Sensor | |
| L Length: 18.5 inches (471mm) 4 Lead Terminated | |
| Nissan | Altima 2003-2002 |
| | Sentra 2003-2002 |
| | X-Trail 2006-2005 |
| 24408 OE Type Heated ZrO2 Sensor | |
| L Length: 14.5 inches (371mm) 4 Lead Terminated | |
| Infiniti | FX35 2006-2003 |
| | FX45 2008-2003 |
| | G35 2006-2003 |
| | M35 2006 |
| | M45 2004-2003 |
| | M45 2010-2006 |
| | Q45 2006-2002 |
| Nissan | 350Z 2006-2003 |
| | Altima 2006-2004 |
| | Maxima 2006-2004 |
| | Quest 2009-2005 |
| 24409 OE Type Heated ZrO2 Sensor | |
| L Length: 20 inches (510mm) 4 Lead Terminated | |
| Acura | RSX 2004-2002 |
| Honda | Civic 2005-2002 |
| 24410 OE Type Heated ZrO2 Sensor | |
| L Length: 10.75 inches (275mm) 4 Lead Terminated | |
| Honda | CR-V 2004-2002 |
| 24411 OE Type Heated ZrO2 Sensor | |
| L Length: 13.75 inches (350mm) 4 Lead Terminated | |
| Scion | xA 2006-2004 |
| | xB 2006-2004 |
| Toyota | Echo 2005-2003 |
| 24412 OE Type Heated ZrO2 Sensor | |
| L Length: 40.5 inches (1030mm) 4 Lead Terminated | |
| Honda | Accord 2003 |
| 24413 OE Type Heated ZrO2 Sensor | |
| L Length: 16.75 inches (427mm) 4 Lead Terminated | |
| Acura | MDX 2006-2003 |
| | TL 2005-2004 |
| Honda | Accord 2005-2003 |
| 24414 OE Type Heated ZrO2 Sensor | |
| L Length: 21.25 inches (540mm) 4 Lead Terminated | |
| Acura | TL 2006-2004 |
| Honda | Accord 2007-2003 |
| 24416 OE Type Heated ZrO2 Sensor | |
| L Length: 21.5 inches (547mm) 4 Lead Terminated | |
| Acura | MDX 2006-2003 |

| 24417 OE Type Heated ZrO2 Sensor | |
|--|----------------------------|
| L Length: 20.5 inches (520mm) 4 Lead Terminated | |
| Honda | S2000 2003-2000 |
| 24419 OE Type Heated ZrO2 Sensor | |
| L Length: 13.25 inches (335mm) 4 Lead Terminated | |
| Honda | Odyssey 2001-1999 |
| 24420 OE Type Heated ZrO2 Sensor | |
| L Length: 15.75 inches (400mm) 4 Lead Terminated | |
| Honda | Civic 2000-1998 |
| 24421 OE Type Heated ZrO2 Sensor | |
| L Length: 16.25 inches (410mm) 4 Lead Terminated | |
| Honda | Civic 2000-1998 |
| 24422 OE Type Heated ZrO2 Sensor | |
| L Length: 23.5 inches (595mm) 4 Lead Terminated | |
| Honda | Civic 2005-2001 |
| 24423 OE Type Heated ZrO2 Sensor | |
| L Length: 23.5 inches (595mm) 4 Lead Terminated | |
| Honda | Civic 2005-2001 |
| 24425 OE Type Heated ZrO2 Sensor | |
| L Length: 12.5 inches (320mm) 4 Lead Terminated | |
| Honda | Civic 2005-2001 |
| 24426 OE Type Heated ZrO2 Sensor | |
| L Length: 23.5 inches (595mm) 4 Lead Terminated | |
| Honda | Civic 2005-2001 |
| 24427 OE Type Heated ZrO2 Sensor | |
| L Length: 10.25 inches (260mm) 4 Lead Terminated | |
| Honda | Insight 2001 |
| 24429 OE Type Heated ZrO2 Sensor | |
| L Length: 10.25 inches (260mm) 4 Lead Terminated | |
| Honda | Civic 2005-2003 |
| | Insight 2006-2002 |
| 24430 OE Type Heated ZrO2 Sensor | |
| L Length: 29.25 inches (740mm) 4 Lead Terminated | |
| Honda | Insight 2006-2002 |
| 24431 OE Type Heated ZrO2 Sensor | |
| L Length: 22 inches (561mm) 4 Lead Terminated | |
| Honda | Civic 2005-2003 |
| 24432 OE Type Heated ZrO2 Sensor | |
| L Length: 26.25 inches (664mm) 4 Lead Terminated | |
| Honda | S2000 2009-2006 |
| 24433 OE Type Heated ZrO2 Sensor | |
| L Length: 19 inches (485mm) 4 Lead Terminated | |
| Acura | RDX 2012-2007 |
| 24434 OE Type Heated ZrO2 Sensor | |
| L Length: 8 inches (205mm) 4 Lead Terminated | |
| Acura | TSX 2014-2009 |
| Honda | Accord 2012-2008 |
| 24435 OE Type Heated ZrO2 Sensor | |
| L Length: 21.75 inches (555mm) 4 Lead Terminated | |
| Acura | MDX 2013-2010 |
| | RDX 2015-2013 |
| | TL 2014-2009 |
| | TSX 2014-2010 |
| | ZDX 2013-2010 |
| Honda | Accord 2012-2008 |
| | Accord Crosstour 2011-2010 |
| | Crosstour 2012 |
| | Odyssey 2013-2008 |
| | Pilot 2015-2009 |
| | Ridgeline 2014-2009 |



| 24436 | | OE Type Heated ZrO2 Sensor | |
|---------------------------------|-----------|-----------------------------------|--|
| L Length: 21.5 inches (546mm) | | 4 Lead Terminated | |
| Acura | RL | 2010-2009 | |
| | TL | 2011-2009 | |
| | TSX | 2014-2010 | |
| Honda | Accord | 2012-2008 | |
| | Odyssey | 2013-2011 | |
| | Pilot | 2011-2009 | |
| | Ridgeline | 2011-2009 | |
| 24437 | | OE Type Heated ZrO2 Sensor | |
| L Length: 21.25 inches (542mm) | | 4 Lead Terminated | |
| Honda | Odyssey | 2010-2008 | |
| 24438 | | OE Type Heated ZrO2 Sensor | |
| L Length: 24.75 inches (630mm) | | 4 Lead Terminated | |
| Honda | Accord | 2012-2008 | |
| 24439 | | OE Type Heated ZrO2 Sensor | |
| L Length: 32 inches (815mm) | | 4 Lead Terminated | |
| Honda | Fit | 2014-2009 | |
| | Insight | 2011-2010 | |
| 24440 | | OE Type Heated ZrO2 Sensor | |
| L Length: 21.5 inches (546mm) | | 4 Lead Terminated | |
| Acura | RL | 2012-2009 | |
| 24441 | | OE Type Heated ZrO2 Sensor | |
| L Length: 25.25 inches (640mm) | | 4 Lead Terminated | |
| Mazda | CX-7 | 2012-2007 | |
| 24442 | | OE Type Heated ZrO2 Sensor | |
| L Length: 14.25 inches (360mm) | | 4 Lead Terminated | |
| Mazda | 3 | 2013-2007 | |
| 24443 | | OE Type Heated ZrO2 Sensor | |
| L Length: 25.5 inches (650mm) | | 4 Lead Terminated | |
| Mazda | 6 | 2007-2006 | |
| 24444 | | OE Type Heated ZrO2 Sensor | |
| L Length: 52.25 inches (1330mm) | | 4 Lead Terminated | |
| Mazda | 6 | 2008-2006 | |
| 24445 | | OE Type Heated ZrO2 Sensor | |
| L Length: 22 inches (560mm) | | 4 Lead Terminated | |
| Mazda | 6 | 2008-2006 | |
| 24446 | | OE Type Heated ZrO2 Sensor | |
| L Length: 30.25 inches (770mm) | | 4 Lead Terminated | |
| Mazda | 3 | 2009-2006 | |
| | 3 Sport | 2009 | |
| 24447 | | OE Type Heated ZrO2 Sensor | |
| L Length: 25.25 inches (640mm) | | 4 Lead Terminated | |
| Mazda | 5 | 2010-2008 | |
| 24448 | | OE Type Heated ZrO2 Sensor | |
| L Length: 18.5 inches (471mm) | | 4 Lead Terminated | |
| Nissan | Altima | 2013-2007 | |
| | Rogue | 2012-2008 | |
| 24449 | | OE Type Heated ZrO2 Sensor | |
| L Length: 10.75 inches (271mm) | | 4 Lead Terminated | |
| Infiniti | QX56 | 2013-2011 | |
| | QX80 | 2015-2014 | |
| Nissan | Altima | 2013-2007 | |
| | GT-R | 2018-2009 | |
| | Maxima | 2014-2009 | |
| | Micra | 2007-2006 | |
| | Murano | 2011-2009 | |
| | NV2500 | 2017-2012 | |
| | NV3500 | 2017-2012 | |
| Quest | 2011 | | |
| 24450 | | OE Type Heated ZrO2 Sensor | |
| L Length: 18.5 inches (471mm) | | 4 Lead Terminated | |
| Infiniti | EX35 | 2012-2008 | |

| 24450 (Cont'd) | | OE Type Heated ZrO2 Sensor | | |
|--------------------------------|-----------------------------|-----------------------------------|-----------------------------------|--|
| L Length: 18.5 inches (471mm) | | 4 Lead Terminated | | |
| Infiniti | EX37 | 2013 | | |
| | FX35 | 2012-2007 | | |
| | FX37 | 2013 | | |
| | FX50 | 2013-2009 | | |
| | G25 | 2012-2011 | | |
| | G35 | 2008-2007 | | |
| | G37 | 2013-2008 | | |
| | M35 | 2010-2007 | | |
| | M37 | 2013-2011 | | |
| | M56 | 2013-2011 | | |
| | Q70 | 2018-2014 | | |
| | Q70L | 2018-2015 | | |
| | QX50 | 2014 | | |
| | QX70 | 2014 | | |
| Nissan | 350Z | 2009-2007 | | |
| | 370Z | 2013-2009 | | |
| | Altima | 2013-2007 | | |
| | Cube | 2014-2009 | | |
| | Maxima | 2014-2009 | | |
| | Murano | 2011-2009 | | |
| | Quest | 2011 | | |
| | Rogue | 2013-2008 | | |
| | Rogue Select | 2015-2014 | | |
| | Sentra | 2012-2007 | | |
| | Versa | 2012-2007 | | |
| | 24451 | | OE Type Heated ZrO2 Sensor | |
| | L Length: 31 inches (790mm) | | 4 Lead Terminated | |
| Toyota | Highlander | 2007 | | |
| 24452 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 13.25 inches (335mm) | | 4 Lead Terminated | | |
| Scion | iC | 2010-2006 | | |
| | xB | 2015-2008 | | |
| 24453 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 13.25 inches (335mm) | | 4 Lead Terminated | | |
| Pontiac | Vibe | 2010-2009 | | |
| Toyota | Camry | 2009-2007 | | |
| | Corolla | 2012-2009 | | |
| | Matrix | 2013-2009 | | |
| | RAV4 | 2008-2006 | | |
| | Solara | 2008-2007 | | |
| 24454 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 20.5 inches (520mm) | | 4 Lead Terminated | | |
| Toyota | Highlander | 2013-2009 | | |
| 24455 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 12.5 inches (315mm) | | 4 Lead Terminated | | |
| Scion | iQ | 2015-2012 | | |
| Toyota | Venza | 2014-2009 | | |
| 24456 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 12.5 inches (320mm) | | 4 Lead Terminated | | |
| Toyota | Camry | 2011-2010 | | |
| | RAV4 | 2012-2009 | | |
| 24457 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 13.25 inches (335mm) | | 4 Lead Terminated | | |
| Pontiac | Vibe | 2010-2009 | | |
| Toyota | Matrix | 2013-2009 | | |
| 24458 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 12.5 inches (320mm) | | 4 Lead Terminated | | |
| Mazda | 3 | 2013-2010 | | |
| | 3 Sport | 2013-2010 | | |
| 24459 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 14.25 inches (364mm) | | 4 Lead Terminated | | |
| Acura | TL | 2014-2010 | | |



| 24460 OE Type Heated ZrO2 Sensor | | |
|--|---------|-----------|
| L Length: 15.75 inches (400mm) 4 Lead Terminated | | |
| Mazda | 3 | 2013-2011 |
| | 3 Sport | 2013-2011 |
| | 5 | 2017-2012 |

| 24461 OE Type Heated ZrO2 Sensor | | |
|--|-------|-----------|
| L Length: 11.75 inches (300mm) 4 Lead Terminated | | |
| Acura | ILX | 2015-2013 |
| | RDX | 2015-2013 |
| Honda | Civic | 2015-2012 |
| | CR-V | 2013-2012 |

| 24462 OE Type Heated ZrO2 Sensor | | |
|---|-------|-----------|
| L Length: 13 inches (331mm) 4 Lead Terminated | | |
| Acura | ILX | 2015-2013 |
| Honda | Civic | 2015-2012 |

| 24463 OE Type Heated ZrO2 Sensor | | |
|---|-----------|-----------|
| L Length: 13.5 inches (344mm) 4 Lead Terminated | | |
| Honda | Crosstour | 2015-2012 |

| 24464 OE Type Heated ZrO2 Sensor | | |
|--|-------|-----------|
| L Length: 16.75 inches (425mm) 4 Lead Terminated | | |
| Toyota | Yaris | 2014-2012 |

| 24465 OE Type Heated ZrO2 Sensor | | |
|---|--------------|-----------|
| L Length: 18.5 inches (471mm) 4 Lead Terminated | | |
| Chevrolet | City Express | 2018-2015 |
| Infiniti | JX35 | 2013 |
| | QX60 | 2014 |
| Nissan | Altima | 2014-2013 |
| | Murano | 2014-2012 |
| | NV200 | 2018-2013 |
| | Pathfinder | 2014-2013 |
| | Quest | 2014-2012 |

| 24466 OE Type Heated ZrO2 Sensor | | |
|--|------------|-----------|
| L Length: 10.75 inches (271mm) 4 Lead Terminated | | |
| Infiniti | JX35 | 2013 |
| | QX60 | 2014 |
| Nissan | Altima | 2017-2013 |
| | Murano | 2014-2012 |
| | Pathfinder | 2014-2013 |
| | Quest | 2014-2012 |

| 24467 OE Type Heated ZrO2 Sensor | | |
|--|---------|-----------|
| L Length: 32.25 inches (822mm) 4 Lead Terminated | | |
| Honda | CR-Z | 2016-2012 |
| | Insight | 2014-2012 |

| 24468 OE Type Heated ZrO2 Sensor | | |
|---|-----------|-----------|
| L Length: 25 inches (633mm) 4 Lead Terminated | | |
| Honda | Pilot | 2015-2012 |
| | Ridgeline | 2014-2012 |

| 24469 OE Type Heated ZrO2 Sensor | | |
|--|-----|------|
| L Length: 26.75 inches (682mm) 4 Lead Terminated | | |
| Acura | ZDX | 2013 |

| 24470 OE Type Heated ZrO2 Sensor | | |
|---|--------|-----------|
| L Length: 12.5 inches (320mm) 4 Lead Terminated | | |
| Lexus | ES300h | 2017-2013 |
| Toyota | Avalon | 2017-2013 |
| | Camry | 2017-2012 |

| 24471 OE Type Heated ZrO2 Sensor | | |
|--|---------|-----------|
| L Length: 17.75 inches (450mm) 4 Lead Terminated | | |
| Toyota | Prius C | 2016-2012 |

| 24472 OE Type Heated ZrO2 Sensor | | |
|--|--------|-----------|
| L Length: 15.25 inches (385mm) 4 Lead Terminated | | |
| Nissan | Sentra | 2018-2013 |

| 24473 OE Type Heated ZrO2 Sensor | | |
|---|--------|-----------|
| L Length: 11.5 inches (292mm) 4 Lead Terminated | | |
| Acura | TLX | 2018-2015 |
| Honda | Accord | 2017-2013 |

| 24474 OE Type Heated ZrO2 Sensor | | |
|--|-----------|-----------|
| L Length: 9.5 inches (240mm) 4 Lead Terminated | | |
| Acura | RLX | 2018-2014 |
| | TLX | 2015 |
| Honda | Accord | 2017-2013 |
| | Crosstour | 2015-2013 |

| 24475 OE Type Heated ZrO2 Sensor | | |
|--|-----------|-----------|
| L Length: 21.25 inches (537mm) 4 Lead Terminated | | |
| Acura | MDX | 2018-2014 |
| | RDX | 2018-2016 |
| | RLX | 2018-2014 |
| | TLX | 2018-2015 |
| Honda | Accord | 2017-2013 |
| | Crosstour | 2015-2013 |
| | Pilot | 2018-2016 |
| | Ridgeline | 2018-2017 |

| 24476 OE Type Heated ZrO2 Sensor | | |
|---|--------|-----------|
| L Length: 9.25 inches (237mm) 4 Lead Terminated | | |
| Honda | Accord | 2017-2013 |

| 24477 OE Type Heated ZrO2 Sensor | | |
|---|-------|-----------|
| L Length: 8.25 inches (210mm) 4 Lead Terminated | | |
| Toyota | Venza | 2016-2015 |

| 24478 OE Type Heated ZrO2 Sensor | | |
|--|----------|-----------|
| L Length: 9.5 inches (240mm) 4 Lead Terminated | | |
| Subaru | Forester | 2017-2014 |
| | WRX | 2017-2015 |

| 24479 OE Type Heated ZrO2 Sensor | | |
|--|------|-----------|
| L Length: 11.75 inches (300mm) 4 Lead Terminated | | |
| Honda | CR-V | 2016-2015 |

| 24480 OE Type Heated ZrO2 Sensor | | |
|--|----------|-----------|
| L Length: 11.25 inches (285mm) 4 Lead Terminated | | |
| Nissan | NV2500 | 2018 |
| | NV3500 | 2018 |
| | Titan | 2018-2017 |
| | Titan XD | 2018-2016 |

| 24481 OE Type Heated ZrO2 Sensor | | |
|---|-----|-----------|
| L Length: 8.75 inches (221mm) 4 Lead Terminated | | |
| Acura | ILX | 2018-2016 |

| 24482 OE Type Heated ZrO2 Sensor | | |
|--|-----|-----------|
| L Length: 9.5 inches (240mm) 4 Lead Terminated | | |
| Acura | MDX | 2018-2017 |
| | RDX | 2018-2016 |
| | TLX | 2018-2016 |

| 24483 OE Type Heated ZrO2 Sensor | | |
|---|-------|-----------|
| L Length: 8.75 inches (221mm) 4 Lead Terminated | | |
| Acura | MDX | 2018-2016 |
| | TLX | 2018-2016 |
| Honda | Pilot | 2018-2016 |

| 24484 OE Type Heated ZrO2 Sensor | | |
|--|-------|-----------|
| L Length: 10.25 inches (262mm) 4 Lead Terminated | | |
| Honda | Civic | 2018-2016 |

| 24485 OE Type Heated ZrO2 Sensor | | |
|---|-------|-----------|
| L Length: 16.5 inches (417mm) 4 Lead Terminated | | |
| Honda | Civic | 2018-2016 |
| | CR-V | 2018-2017 |

| 24486 OE Type Heated ZrO2 Sensor | | |
|---|---------|-----------|
| L Length: 10 inches (255mm) 4 Lead Terminated | | |
| Honda | Odyssey | 2019-2018 |



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|--------------------------------|---------|-------------------------------------|--|--------------------------------|------------|-------------------------------------|--|
| 24487 | | OE Type Heated ZrO2 Sensor | | 24513 | | OE Type Unheated ZrO2 Sensor | |
| L Length: 21.5 inches (546mm) | | 4 Lead Terminated | | L Length: 20 inches (505mm) | | 2 Lead Terminated | |
| Honda | Odyssey | 2019-2018 | | Toyota | Celica | 1993-1990 | |
| 24488 | | OE Type Heated ZrO2 Sensor | | 24514 | | OE Type Unheated ZrO2 Sensor | |
| L Length: 22 inches (557mm) | | 4 Lead Terminated | | L Length: 11.75 inches (300mm) | | 2 Lead Terminated | |
| Honda | Odyssey | 2019-2018 | | Toyota | Camry | 1996 | |
| 24500 | | OE Type Unheated ZrO2 Sensor | | | Celica | 1999-1996 | |
| L Length: 16.75 inches (425mm) | | 1 Lead Terminated | | | RAV4 | 1997-1996 | |
| Subaru | Justy | 1995-1989 | | 24515 | | OE Type Unheated ZrO2 Sensor | |
| 24502 | | OE Type Unheated ZrO2 Sensor | | L Length: 24.25 inches (615mm) | | 2 Lead Terminated | |
| L Length: 12.75 inches (325mm) | | 1 Lead Terminated | | Geo | Prizm | 1992-1990 | |
| Geo | Prizm | 1995-1993 | | Toyota | Camry | 1989-1988 | |
| Lexus | ES300 | 1993-1992 | | | Corolla | 1991-1989 | |
| Toyota | Camry | 1995-1992 | | 24516 | | OE Type Unheated ZrO2 Sensor | |
| | Celica | 1995-1992 | | L Length: 20 inches (505mm) | | 2 Lead Terminated | |
| | Corolla | 1995-1993 | | Geo | Prizm | 1990-1989 | |
| 24504 | | OE Type Unheated ZrO2 Sensor | | Toyota | Van | 1989-1988 | |
| L Length: 20 inches (505mm) | | 1 Lead Terminated | | | Van Wagon | 1988 | |
| Lexus | GS300 | 1994-1993 | | 24517 | | OE Type Unheated ZrO2 Sensor | |
| | SC300 | 1995-1992 | | L Length: 7.75 inches (200mm) | | 2 Lead Terminated | |
| Toyota | Camry | 1993-1992 | | Mitsubishi | Galant | 1988 | |
| | MR2 | 1995-1992 | | | Sigma | 1990-1989 | |
| | Supra | 1995-1993 | | 24518 | | OE Type Unheated ZrO2 Sensor | |
| 24505 | | OE Type Unheated ZrO2 Sensor | | L Length: 17.75 inches (450mm) | | 2 Lead Terminated | |
| L Length: 19 inches (480mm) | | 2 Lead Terminated | | Toyota | Camry | 1991-1990 | |
| Geo | Prizm | 1997-1995 | | | Celica | 1991-1989 | |
| Toyota | Celica | 1993-1992 | | | MR2 | 1992-1991 | |
| | Corolla | 1997-1995 | | 24519 | | OE Type Heated ZrO2 Sensor | |
| | MR2 | 1995-1992 | | L Length: 10.75 inches (275mm) | | 3 Lead Terminated | |
| 24506 | | OE Type Unheated ZrO2 Sensor | | Mercury | Villager | 2000-1999 | |
| L Length: 23.5 inches (600mm) | | 2 Lead Terminated | | Nissan | 240SX | 1998-1996 | |
| Toyota | Camry | 1996-1992 | | | Altima | 1999-1996 | |
| | Celica | 1997-1996 | | | Pickup | 1997-1996 | |
| 24507 | | OE Type Unheated ZrO2 Sensor | | | Quest | 2000-1999 | |
| L Length: 17.75 inches (450mm) | | 2 Lead Terminated | | 24520 | | OE Type Heated ZrO2 Sensor | |
| Lexus | LS400 | 1992-1990 | | L Length: 17.75 inches (450mm) | | 3 Lead Terminated | |
| 24508 | | OE Type Unheated ZrO2 Sensor | | Subaru | Forester | 1998 | |
| L Length: 11.75 inches (300mm) | | 2 Lead Terminated | | | Impreza | 1998-1995 | |
| Toyota | Celica | 1999-1994 | | | Legacy | 1998-1995 | |
| | Paseo | 1999-1997 | | 24521 | | OE Type Heated ZrO2 Sensor | |
| | RAV4 | 1997-1996 | | L Length: 17.75 inches (450mm) | | 3 Lead Terminated | |
| | Tercel | 1999-1997 | | Infiniti | G20 | 1996-1991 | |
| 24509 | | OE Type Unheated ZrO2 Sensor | | | G20 | 1999 | |
| L Length: 17.75 inches (450mm) | | 2 Lead Terminated | | | I30 | 1999 | |
| Lexus | LS400 | 1994-1993 | | | Q45 | 1998-1990 | |
| 24510 | | OE Type Unheated ZrO2 Sensor | | | QX4 | 2000-1997 | |
| L Length: 7.75 inches (200mm) | | 2 Lead Terminated | | Mercury | Villager | 2002-1999 | |
| Geo | Prizm | 1995-1993 | | Nissan | 200SX | 1986-1984 | |
| Toyota | Corolla | 1995-1993 | | | 200SX | 1998-1995 | |
| 24511 | | OE Type Unheated ZrO2 Sensor | | | 300ZX | 1985-1984 | |
| L Length: 17.75 inches (450mm) | | 2 Lead Terminated | | | Frontier | 2003-1998 | |
| Geo | Prizm | 1995-1993 | | | Maxima | 1999-1998 | |
| Toyota | Celica | 1995-1994 | | | NX | 1993-1991 | |
| | Corolla | 1995-1993 | | | Pathfinder | 2000-1996 | |
| | Paseo | 1995-1992 | | | Quest | 2002-1999 | |
| | Previa | 1995-1991 | | | Sentra | 1999-1991 | |
| | Tercel | 1994-1991 | | | Xterra | 2003-2000 | |
| 24512 | | OE Type Unheated ZrO2 Sensor | | 24523 | | OE Type Heated ZrO2 Sensor | |
| L Length: 17.75 inches (450mm) | | 2 Lead Terminated | | L Length: 16.75 inches (425mm) | | 3 Lead Terminated | |
| Geo | Prizm | 1992-1989 | | Subaru | Forester | 1999-1998 | |
| Toyota | Corolla | 1992-1990 | | | Impreza | 1999-1998 | |
| | | | | | Legacy | 1999-1996 | |



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|--------------------------------|--------------|-----------------------------------|--|
| 24524 | | OE Type Heated ZrO2 Sensor | |
| L Length: 7 inches (175mm) | | 3 Lead Terminated | |
| Subaru | Legacy | 1994-1991 | |
| 24525 | | OE Type Heated ZrO2 Sensor | |
| L Length: 29.75 inches (755mm) | | 3 Lead Terminated | |
| Infiniti | I30 | 1999-1996 | |
| | J30 | 1997-1996 | |
| Nissan | Maxima | 1999-1995 | |
| 24526 | | OE Type Heated ZrO2 Sensor | |
| L Length: 36.75 inches (935mm) | | 3 Lead Terminated | |
| Infiniti | QX4 | 2000-1997 | |
| Nissan | Frontier | 2003-1999 | |
| | Pathfinder | 2000-1996 | |
| | Xterra | 2003-2000 | |
| 24527 | | OE Type Heated ZrO2 Sensor | |
| L Length: 15.25 inches (390mm) | | 3 Lead Terminated | |
| Infiniti | G20 | 2001-2000 | |
| | I30 | 2001-2000 | |
| Nissan | Altima | 2001-2000 | |
| | Frontier | 2001 | |
| | Maxima | 2001-2000 | |
| | Sentra | 2001-2000 | |
| 24528 | | OE Type Heated ZrO2 Sensor | |
| L Length: 36 inches (915mm) | | 3 Lead Terminated | |
| Infiniti | QX4 | 2003-2001 | |
| Nissan | Pathfinder | 2002-2001 | |
| 24529 | | OE Type Heated ZrO2 Sensor | |
| L Length: 20 inches (510mm) | | 3 Lead Terminated | |
| Hyundai | Scoupe | 1995-1993 | |
| 24530 | | OE Type Heated ZrO2 Sensor | |
| L Length: 22.75 inches (575mm) | | 3 Lead Terminated | |
| Kia | Sportage | 1995 | |
| 24531 | | OE Type Heated TiO2 Sensor | |
| L Length: 19 inches (485mm) | | 3 Lead Terminated | |
| Nissan | Maxima | 1996 | |
| 24533 | | OE Type Heated ZrO2 Sensor | |
| L Length: 29.75 inches (755mm) | | 4 Lead Terminated | |
| Dodge | 2000 GTX | 1990-1989 | |
| | Colt | 1989 | |
| Eagle | 2000 GTX | 1992-1991 | |
| | Summit | 1989 | |
| | Talon | 1994-1990 | |
| Mitsubishi | Eclipse | 1994-1990 | |
| | Galant | 1990-1989 | |
| | Galant | 1993 | |
| | Mirage | 1989 | |
| Mitsubishi | Mirage | 1992-1991 | |
| | | | |
| Plymouth | Colt | 1989 | |
| | Laser | 1994-1990 | |
| 24534 | | OE Type Heated ZrO2 Sensor | |
| L Length: 8.75 inches (220mm) | | 4 Lead Terminated | |
| Hyundai | Sonata | 1994-1990 | |
| 24535 | | OE Type Heated ZrO2 Sensor | |
| L Length: 21.75 inches (555mm) | | 4 Lead Terminated | |
| Mitsubishi | Galant | 1998-1994 | |
| | Lancer | 2006-2004 | |
| 24536 | | OE Type Heated ZrO2 Sensor | |
| L Length: 14.75 inches (375mm) | | 4 Lead Terminated | |
| Lexus | ES250 | 1991-1990 | |
| Toyota | Camry | 1991-1988 | |
| | Celica | 1989-1988 | |
| | Land Cruiser | 1992-1990 | |
| | MR2 | 1989-1988 | |
| | Pickup | 1991-1989 | |

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|---------------------------------|---------------|-----------------------------------|--|
| 24537 | | OE Type Heated ZrO2 Sensor | |
| L Length: 20.75 inches (530mm) | | 4 Lead Terminated | |
| Toyota | 4Runner | 1995-1992 | |
| | Land Cruiser | 1989-1988 | |
| | Pickup | 1995-1992 | |
| | Previa | 1995-1991 | |
| 24538 | | OE Type Heated ZrO2 Sensor | |
| L Length: 22.75 inches (580mm) | | 4 Lead Terminated | |
| Toyota | Pickup | 1991-1989 | |
| | Van | 1989-1988 | |
| | Van Wagon | 1988 | |
| 24539 | | OE Type Heated ZrO2 Sensor | |
| L Length: 20 inches (505mm) | | 4 Lead Terminated | |
| Toyota | MR2 | 1989-1988 | |
| | Pickup | 1991-1989 | |
| 24540 | | OE Type Heated ZrO2 Sensor | |
| L Length: 24.75 inches (630mm) | | 4 Lead Terminated | |
| Acura | TL | 1998-1996 | |
| 24541 | | OE Type Heated ZrO2 Sensor | |
| L Length: 29.75 inches (755mm) | | 4 Lead Terminated | |
| Acura | RL | 2004-1996 | |
| | TL | 1998-1995 | |
| 24542 | | OE Type Heated ZrO2 Sensor | |
| L Length: 16.75 inches (425mm) | | 4 Lead Terminated | |
| Acura | CL | 1999-1997 | |
| | EL | 1998-1997 | |
| | Integra | 1993-1992 | |
| | NSX | 1999-1995 | |
| Honda | Accord | 1999-1995 | |
| | Civic | 2000-1992 | |
| | Civic del Sol | 1997-1993 | |
| | Odyssey | 2000-1999 | |
| 24543 | | OE Type Heated ZrO2 Sensor | |
| L Length: 49.75 inches (1265mm) | | 4 Lead Terminated | |
| Infiniti | QX4 | 2000-1997 | |
| Nissan | Pathfinder | 2000-1996 | |
| 24544 | | OE Type Heated ZrO2 Sensor | |
| L Length: 35.75 inches (910mm) | | 4 Lead Terminated | |
| Infiniti | QX4 | 2000-1997 | |
| Nissan | Frontier | 2003-1999 | |
| | Pathfinder | 2000-1996 | |
| | Xterra | 2003-2000 | |
| 24545 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Infiniti | Q45 | 2001-1997 | |
| Nissan | 200SX | 1998-1997 | |
| | 240SX | 1998-1997 | |
| | Altima | 1999-1996 | |
| | Sentra | 1999-1997 | |
| 24546 | | OE Type Heated ZrO2 Sensor | |
| L Length: 15.25 inches (385mm) | | 4 Lead Terminated | |
| Acura | EL | 2000-1997 | |
| | Integra | 2001-1996 | |
| Honda | Civic | 2000-1996 | |
| | CR-V | 2001-1997 | |
| 24547 | | OE Type Heated ZrO2 Sensor | |
| L Length: 22.75 inches (580mm) | | 4 Lead Terminated | |
| Lexus | GS300 | 1999-1998 | |
| | IS300 | 2005-2001 | |
| | SC300 | 2000-1998 | |
| Toyota | Camry | 2001-1997 | |
| | Solara | 2000-1999 | |
| | Supra | 1998 | |



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|--------------------------------|--------------|-----------------------------------|-----------|-----------------------------------|--------------|-----------------------------------|-----------|
| 24548 | | OE Type Heated ZrO2 Sensor | | 24557 | | OE Type Heated ZrO2 Sensor | |
| L Length: 13.75 inches (350mm) | | 4 Lead Terminated | | L Length: 10.75 inches (275mm) | | 4 Lead Terminated | |
| Chevrolet | Prizm | | 2002-1998 | Lexus | LX450 | | 1997-1996 |
| Geo | Prizm | | 1997-1995 | Toyota | Land Cruiser | | 1997-1995 |
| Toyota | Avalon | | 2004-1995 | 24558 | | | |
| | Camry | | 2006-2003 | OE Type Heated ZrO2 Sensor | | | |
| | Corolla | | 2002-1995 | L Length: 12.75 inches (325mm) | | | |
| | Paseo | | 1999-1995 | 4 Lead Terminated | | | |
| | Tercel | | 1999-1995 | Toyota | Celica | | 1991-1990 |
| 24549 | | OE Type Heated ZrO2 Sensor | | 24559 | | OE Type Heated ZrO2 Sensor | |
| L Length: 29.5 inches (750mm) | | 4 Lead Terminated | | L Length: 36.5 inches (925mm) | | 4 Lead Terminated | |
| Lexus | GS300 | | 2005-1998 | Toyota | Tacoma | | 2004-2000 |
| Toyota | Highlander | | 2003-2001 | 24560 | | | |
| | RAV4 | | 2003-2001 | OE Type Heated ZrO2 Sensor | | | |
| 24550 | | OE Type Heated ZrO2 Sensor | | L Length: 10.75 inches (275mm) | | 4 Lead Terminated | |
| L Length: 28.75 inches (730mm) | | 4 Lead Terminated | | Lexus | GS400 | | 2000-1998 |
| Infiniti | Q45 | | 1996 | | GS430 | | 2007-2001 |
| Nissan | 300ZX | | 1996 | | GX460 | | 2017-2010 |
| | | | | | GX470 | | 2004-2003 |
| 24551 | | OE Type Heated ZrO2 Sensor | | | LS400 | | 2000-1995 |
| L Length: 9 inches (230mm) | | 4 Lead Terminated | | | LS430 | | 2006-2001 |
| Chevrolet | Nova | | 1988 | | LS600h | | 2015-2008 |
| | | | | | LX470 | | 2005-1998 |
| Toyota | Corolla | | 1988 | | LX570 | | 2011-2008 |
| | Land Cruiser | | 1987-1981 | | LX570 | | 2017-2013 |
| | Land Cruiser | | 1992-1990 | SC400 | | 2000-1996 | |
| | Pickup | | 1991-1989 | SC430 | | 2010-2002 | |
| 24552 | | OE Type Heated ZrO2 Sensor | | Toyota | 4Runner | | 2004-2003 |
| L Length: 13.75 inches (350mm) | | 4 Lead Terminated | | | 4Runner | | 2016-2010 |
| Toyota | 4Runner | | 1995-1992 | | Avanza | | 2013 |
| | Celica | | 1993-1992 | | FJ Cruiser | | 2014-2010 |
| | Land Cruiser | | 1985-1981 | | Land Cruiser | | 2005-1998 |
| | Pickup | | 1995-1992 | | Land Cruiser | | 2011-2008 |
| | T100 | | 1997-1993 | | Land Cruiser | | 2017-2013 |
| 24553 | | OE Type Heated ZrO2 Sensor | | | Sequoia | | 2004-2001 |
| L Length: 21.75 inches (555mm) | | 4 Lead Terminated | | | Tundra | | 2004-2000 |
| Lexus | LX450 | | 1997-1996 | | 24561 | | |
| Toyota | 4Runner | | 2000-1996 | OE Type Heated ZrO2 Sensor | | | |
| | Land Cruiser | | 1997-1995 | L Length: 32 inches (810mm) | | 4 Lead Terminated | |
| | Previa | | 1997-1994 | Lexus | SC400 | | 1995-1992 |
| | T100 | | 1994-1993 | 24563 | | | |
| | Tacoma | | 2000-1995 | OE Type Heated ZrO2 Sensor | | | |
| 24554 | | OE Type Heated ZrO2 Sensor | | L Length: 9.5 inches (240mm) | | 4 Lead Terminated | |
| L Length: 16.25 inches (410mm) | | 4 Lead Terminated | | Lexus | LS400 | | 1994-1990 |
| Chevrolet | Prizm | | 2002-1998 | | SC400 | | 1995-1992 |
| | Lexus | LX470 | | 2005-1998 | 24564 | | |
| Toyota | 4Runner | | 2000-1994 | OE Type Heated ZrO2 Sensor | | | |
| | Corolla | | 2002-1998 | L Length: 17.75 inches (450mm) | | 4 Lead Terminated | |
| | Land Cruiser | | 2005-1998 | Lexus | ES300 | | 2003-2002 |
| | Pickup | | 1995-1993 | | ES330 | | 2006-2004 |
| | Sequoia | | 2004-2001 | | ES350 | | 2017-2007 |
| | T100 | | 1998-1994 | | GS300 | | 2005-1998 |
| | Tacoma | | 2000-1995 | | GS430 | | 2007-2001 |
| | Tundra | | 2004-2000 | | IS300 | | 2005-2001 |
| | | | LS430 | | | 2006-2001 | |
| | | | SC300 | | | 2000-1998 | |
| 24555 | | OE Type Heated ZrO2 Sensor | | SC430 | | 2010-2002 | |
| L Length: 25.75 inches (655mm) | | 4 Lead Terminated | | Toyota | 4Runner | | 2010 |
| Lexus | SC300 | | 1997-1992 | | Avalon | | 2017-2005 |
| Toyota | 4Runner | | 2000-1999 | | Camry | | 2017-2002 |
| | RAV4 | | 2000-1998 | | Solara | | 2008-2004 |
| | T100 | | 1994 | | Supra | | 1998 |
| | Tacoma | | 2000-1998 | 24565 | | | |
| 24556 | | OE Type Heated ZrO2 Sensor | | L Length: 27.75 inches (705mm) | | 4 Lead Terminated | |
| L Length: 12.75 inches (325mm) | | 4 Lead Terminated | | Lexus | IS300 | | 2005-2001 |
| Toyota | Celica | | 1993-1990 | 24566 | | | |
| | MR2 | | 1995-1991 | OE Type Heated ZrO2 Sensor | | | |
| 24557 | | OE Type Heated ZrO2 Sensor | | L Length: 35.75 inches (910mm) | | 4 Lead Terminated | |
| L Length: 10.75 inches (275mm) | | 4 Lead Terminated | | Lexus | GS350 | | 2011-2007 |
| Lexus | GS350 | | 2015-2013 | | GS350 | | 2015-2014 |
| | IS250 | | 2015-2014 | | IS350 | | 2017-2014 |
| | IS350 | | 2017-2014 | | | | |
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| 24566 (Cont'd) OE Type Heated ZrO2 Sensor | |
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| L Length: 35.75 inches (910mm) 4 Lead Terminated | |
| Lexus | RC300 2017-2016 RC350 2017-2015 |
| 24567 OE Type Heated ZrO2 Sensor | |
| L Length: 20 inches (510mm) 4 Lead Terminated | |
| Lexus | RX300 2003-1999 |
| Toyota | Highlander 2003-2001 Supra 1998-1993 |
| 24568 OE Type Heated ZrO2 Sensor | |
| L Length: 31.5 inches (800mm) 4 Lead Terminated | |
| Toyota | Tacoma 2000 |
| 24569 OE Type Heated ZrO2 Sensor | |
| L Length: 32.25 inches (820mm) 4 Lead Terminated | |
| Toyota | Supra 1993-1989 |
| 24570 OE Type Heated ZrO2 Sensor | |
| L Length: 19.75 inches (500mm) 4 Lead Terminated | |
| Toyota | Cressida 1992-1989 Supra 1988 |
| 24571 OE Type Heated ZrO2 Sensor | |
| L Length: 20 inches (510mm) 4 Lead Terminated | |
| Toyota | Celica 2002-2000 |
| 24572 OE Type Heated ZrO2 Sensor | |
| L Length: 36.25 inches (920mm) 4 Lead Terminated | |
| Infiniti | I30 2001-1999 |
| Nissan | Maxima 2001-1998 Sentra 2002-2000 |
| 24573 OE Type Heated ZrO2 Sensor | |
| L Length: 35.5 inches (900mm) 4 Lead Terminated | |
| Infiniti | I35 2004-2002 QX4 2003-2001 |
| Nissan | Maxima 2003-2002 Pathfinder 2002-2001 Sentra 2002-2001 |
| 24574 OE Type Heated ZrO2 Sensor | |
| L Length: 39.5 inches (1005mm) 4 Lead Terminated | |
| Infiniti | I30 2001-1999 QX4 2001 |
| Nissan | Maxima 2001-1998 Pathfinder 2001 |
| 24575 OE Type Heated ZrO2 Sensor | |
| L Length: 33 inches (840mm) 4 Lead Terminated | |
| Toyota | Supra 1998-1993 Tacoma 2000-1998 |
| 24576 OE Type Heated ZrO2 Sensor | |
| L Length: 17.5 inches (445mm) 4 Lead Terminated | |
| Subaru | Impreza 2001-1999 Legacy 2001-1999 Outback 2001-2000 |
| 24577 OE Type Heated ZrO2 Sensor | |
| L Length: 14 inches (355mm) 4 Lead Terminated | |
| Kia | Sephia 1997-1996 |
| Mazda | Protege 1998-1995 |
| 24578 OE Type Heated ZrO2 Sensor | |
| L Length: 18.25 inches (465mm) 4 Lead Terminated | |
| Subaru | Forester 2004-1999 Impreza 2004-1999 |
| 24579 OE Type Heated ZrO2 Sensor | |
| L Length: 19.25 inches (490mm) 4 Lead Terminated | |
| Lexus | ES300 1996-1992 GS300 1997-1993 GS460 2011-2008 |
| Pontiac | Vibe 2006-2003 |

| 24579 (Cont'd) OE Type Heated ZrO2 Sensor | |
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| L Length: 19.25 inches (490mm) 4 Lead Terminated | |
| Scion | xD 2014-2008 |
| Toyota | Camry 1996-1992 Echo 2002-2000 Matrix 2006-2003 Prius 2003-2001 Supra 1998 Yaris 2011-2006 |
| 24581 OE Type Heated ZrO2 Sensor | |
| L Length: 19 inches (480mm) 4 Lead Terminated | |
| Lexus | GS300 2005-2000 SC300 1997-1994 |
| Toyota | Sequoia 2016-2008 Supra 1997-1993 Tacoma 2015-2005 Tundra 2017-2007 Venza 2016-2015 |
| 24582 OE Type Heated ZrO2 Sensor | |
| L Length: 14.75 inches (375mm) 4 Lead Terminated | |
| Honda | Accord 2002-2000 Odyssey 2001 |
| 24583 OE Type Heated ZrO2 Sensor | |
| L Length: 15.75 inches (400mm) 4 Lead Terminated | |
| Kia | Sephia 2001-1998 Spectra 2002-2000 Sportage 2002-1996 |
| 24584 OE Type Heated ZrO2 Sensor | |
| L Length: 19 inches (480mm) 4 Lead Terminated | |
| Acura | CL 2003-2001 NSX 2005-2000 TL 2003-1999 |
| Honda | Accord 2002-1998 |
| 24585 OE Type Heated ZrO2 Sensor | |
| L Length: 19.75 inches (500mm) 4 Lead Terminated | |
| Acura | CL 2003-2001 MDX 2002-2001 TL 2003-2000 |
| Honda | Odyssey 2004-2002 Pilot 2004-2003 |
| 24586 OE Type Heated ZrO2 Sensor | |
| L Length: 31.5 inches (800mm) 4 Lead Terminated | |
| Acura | NSX 1999-1997 |
| 24587 OE Type Heated ZrO2 Sensor | |
| L Length: 35 inches (890mm) 4 Lead Terminated | |
| Acura | NSX 1999-1997 |
| 24588 OE Type Heated ZrO2 Sensor | |
| L Length: 14.75 inches (375mm) 4 Lead Terminated | |
| Hyundai | Accent 2011-2000 Elantra 2012-2001 Tiburon 2008-2003 Tucson 2009-2005 |
| Kia | Rio 2011-2006 Rio5 2011-2006 Soul 2011-2010 Spectra 2009-2004 Spectra5 2009-2005 Sportage 2010-2005 |
| 24589 OE Type Heated ZrO2 Sensor | |
| L Length: 14.25 inches (360mm) 4 Lead Terminated | |
| Hyundai | Accent 1997-1995 Elantra 1997-1996 Tiburon 1997 |



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| 24591 | | OE Type Heated ZrO2 Sensor | | 24601 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 16.75 inches (425mm) | | 4 Lead Terminated | | L Length: 12.25 inches (310mm) | | 4 Lead Terminated | | |
| Hyundai | Elantra | 2000-1998 | | Asuna | Sunfire | 1993 | | |
| | Tiburon | 2001-1998 | | Geo | Storm | 1993-1992 | | |
| 24592 | | OE Type Heated ZrO2 Sensor | | 24602 | | OE Type Heated TiO2 Sensor | | |
| L Length: 10.25 inches (260mm) | | 4 Lead Terminated | | L Length: 70.5 inches (1790mm) | | 4 Lead Terminated | | |
| Hyundai | Accent | 1999-1997 | | Nissan | D21 | 1989-1986 | | |
| | Elantra | 2000-1998 | | | Pathfinder | 1989-1987 | | |
| | Tiburon | 2001-1998 | | 24603 | | OE Type Heated ZrO2 Sensor | | |
| | L Length: 13 inches (330mm) | | 4 Lead Terminated | | L Length: 33.75 inches (860mm) | | 4 Lead Terminated | |
| 24593 | | OE Type Heated ZrO2 Sensor | | 24605 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 13.75 inches (350mm) | | 4 Lead Terminated | | L Length: 26.75 inches (680mm) | | 4 Lead Terminated | | |
| Lexus | ES300 | 1998-1994 | | Lexus | GS350 | 2015-2014 | | |
| | ES300 | 2003-2002 | | | GS400 | 2000-1998 | | |
| | ES330 | 2006-2004 | | | GS430 | 2004-2001 | | |
| | ES350 | 2017-2007 | | | GS450h | 2017-2014 | | |
| | GS300 | 1997-1993 | | | GS F | 2017-2016 | | |
| | GX460 | 2013-2010 | | | IS250 | 2015-2014 | | |
| | GX470 | 2009-2003 | | | IS300 | 2017-2016 | | |
| | LX470 | 2007-2005 | | | IS350 | 2017-2014 | | |
| | LX570 | 2011-2008 | | | LS460 | 2017-2007 | | |
| | LX570 | 2013 | | | LS600h | 2015-2008 | | |
| | Toyota | 4Runner | 2012-1999 | | RC300 | 2017-2016 | | |
| | | Avalon | 1999-1995 | | RC350 | 2017-2015 | | |
| | | Avalon | 2017-2005 | | RC F | 2017-2015 | | |
| | | Camry | 2017-1994 | | SC300 | 2000-1998 | | |
| Echo | | 2002-2000 | | Toyota | Celica | 1997-1996 | | |
| FJ Cruiser | | 2014-2007 | | | Celica | 2005-2000 | | |
| Land Cruiser | | 2011-2005 | | | Prius | 2009-2004 | | |
| Land Cruiser | | 2013 | | | Sienna | 2000-1998 | | |
| MR2 Spyder | | 2005-2000 | | 24606 | | OE Type Heated ZrO2 Sensor | | |
| Paseo | | 1996-1995 | | L Length: 45.75 inches (1165mm) | | 4 Lead Terminated | | |
| Prius | | 2003-2001 | | Nissan | Frontier | 2003-1999 | | |
| RAV4 | | 2000-1998 | | | Pickup | 1997-1996 | | |
| RAV4 | | 2012-2006 | | | Xterra | 2003-2000 | | |
| Sequoia | | 2015-2005 | | 24611 | | OE Type Unheated ZrO2 Sensor | | |
| Sienna | | 2000-1998 | | L Length: 13.75 inches (350mm) | | 1 Lead Terminated | | |
| Solara | | 2008-1999 | | Toyota | 4Runner | 1987-1985 | | |
| Tacoma | | 2015-2005 | | | Camry | 1991-1987 | | |
| Tercel | | 1996-1995 | | | Celica | 1985-1983 | | |
| Tundra | | 2015-2005 | | | Celica | 1989-1987 | | |
| Venza | | 2014-2009 | | | Corolla | 1980 | | |
| 24595 | | OE Type Heated ZrO2 Sensor | | | Pickup | 1988-1984 | | |
| L Length: 9 inches (230mm) | | 4 Lead Terminated | | | Starlet | 1984-1981 | | |
| Toyota | 4Runner | 2000-1993 | | | Van | 1987-1984 | | |
| | Pickup | 1995-1993 | | 24614 | | OE Type Heated ZrO2 Sensor | | |
| | T100 | 1998-1996 | | L Length: 17.25 inches (440mm) | | 3 Lead Terminated | | |
| 24598 | | OE Type Heated ZrO2 Sensor | | Subaru | Impreza | 1995-1993 | | |
| L Length: 17.5 inches (445mm) | | 4 Lead Terminated | | | Legacy | 1994-1990 | | |
| Subaru | Baja | 2006-2003 | | | SVX | 1997-1992 | | |
| | Legacy | 2004-1999 | | 24617 | | OE Type Heated ZrO2 Sensor | | |
| | Outback | 2004-2000 | | L Length: 17.75 inches (450mm) | | 3 Lead Terminated | | |
| 24599 | | OE Type Heated ZrO2 Sensor | | Suzuki | Sidekick | 1993-1992 | | |
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated | | | 24618 | | OE Type Heated ZrO2 Sensor | |
| Hyundai | Accent | 1997-1995 | | L Length: 19.75 inches (500mm) | | 3 Lead Terminated | | |
| | Elantra | 1997-1996 | | Infiniti | G20 | 2002 | | |
| | Tiburon | 1997 | | | 24600 | | OE Type Heated ZrO2 Sensor | |
| L Length: 21 inches (535mm) | | 4 Lead Terminated | | L Length: 19.75 inches (500mm) | | 3 Lead Terminated | | |
| Kia | Sephia | 2001-1998 | | 24618 | | OE Type Heated ZrO2 Sensor | | |
| | Spectra | 2002-2000 | | L Length: 19.75 inches (500mm) | | 3 Lead Terminated | | |



| 24618 (Cont'd) OE Type Heated ZrO2 Sensor | |
|--|---|
| L Length: 19.75 inches (500mm) 3 Lead Terminated | |
| Infiniti | I35 2004-2002 QX4 2003-2001 |
| Nissan | Altima 2004-2001 Frontier 2004-2002 Maxima 2003-2002 Pathfinder 2002-2001 Sentra 2001 Xterra 2004-2002 |
| 24619 OE Type Heated ZrO2 Sensor | |
| L Length: 26.75 inches (680mm) 3 Lead Terminated | |
| Infiniti | I30 2001-2000 QX4 2001 |
| Nissan | Maxima 2001-2000 Pathfinder 2001 |
| 24620 OE Type Heated ZrO2 Sensor | |
| L Length: 37 inches (940mm) 3 Lead Terminated | |
| Infiniti | QX4 2001 |
| Nissan | Pathfinder 2001 |
| 24625 OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) 4 Lead Terminated | |
| Acura | CL 1999-1998 |
| Honda | Civic 2000-1999 |
| 24626 OE Type Heated ZrO2 Sensor | |
| L Length: 14.75 inches (375mm) 4 Lead Terminated | |
| Cadillac | Escalade 2002 |
| Chevrolet | Avalanche 1500 2002 Silverado 1500 2002-1999 Silverado 2500 2000-1999 Suburban 1500 2002-2000 Tahoe 2002-2000 |
| GMC | Sierra 1500 2002-1999 Sierra 2500 2000-1999 Yukon 2002-2000 Yukon XL 1500 2002-2000 |
| Isuzu | Rodeo 2003-2001 Rodeo Sport 2003-2001 |
| 24630 OE Type Heated ZrO2 Sensor | |
| L Length: 22 inches (560mm) 4 Lead Terminated | |
| Infiniti | G20 1999 I30 1999-1996 |
| Nissan | 200SX 1998 Maxima 1999-1997 |
| 24631 OE Type Heated ZrO2 Sensor | |
| L Length: 12.5 inches (320mm) 4 Lead Terminated | |
| Acura | EL 2000-1999 |
| Honda | Civic 2000-1999 Element 2011-2003 |
| 24632 OE Type Heated ZrO2 Sensor | |
| L Length: 29.25 inches (740mm) 4 Lead Terminated | |
| Nissan | Frontier 2004-1998 Sentra 1999-1998 Xterra 2004-2000 |
| 24633 OE Type Heated ZrO2 Sensor | |
| L Length: 18.5 inches (470mm) 4 Lead Terminated | |
| Acura | NSX 2005-2000 TL 1999 |
| Honda | Civic 2000-1996 Civic del Sol 1997-1996 |
| 24634 OE Type Heated ZrO2 Sensor | |
| L Length: 39.5 inches (1005mm) 4 Lead Terminated | |
| Infiniti | I35 2004-2002 |
| Nissan | Maxima 2003-2002 |

| 24635 OE Type Heated ZrO2 Sensor | |
|---|--|
| L Length: 49.5 inches (1260mm) 4 Lead Terminated | |
| Nissan | Frontier 2000-1998 Xterra 2000 |
| 24637 OE Type Heated ZrO2 Sensor | |
| L Length: 32.75 inches (830mm) 4 Lead Terminated | |
| Mercury | Villager 2000-1998 |
| Nissan | Quest 2000-1998 |
| 24638 OE Type Heated ZrO2 Sensor | |
| L Length: 14.25 inches (360mm) 4 Lead Terminated | |
| Infiniti | G20 2001-2000 |
| Nissan | Altima 2001-2000 Sentra 2002-2000 |
| 24639 OE Type Heated ZrO2 Sensor | |
| L Length: 48 inches (1220mm) 4 Lead Terminated | |
| Infiniti | QX4 2001 |
| Nissan | Pathfinder 2001 |
| 24640 OE Type Heated ZrO2 Sensor | |
| L Length: 30.75 inches (780mm) 4 Lead Terminated | |
| Nissan | Sentra 2001-2000 |
| 24641 OE Type Heated ZrO2 Sensor | |
| L Length: 14.25 inches (365mm) 4 Lead Terminated | |
| Infiniti | G20 2002 |
| Nissan | Altima 2004-2001 |
| 24642 OE Type Heated ZrO2 Sensor | |
| L Length: 27.5 inches (700mm) 4 Lead Terminated | |
| Mazda | CX-5 2017 CX-9 2017-2016 |
| Saab | 9-2X 2006-2005 |
| Scion | FR-S 2016-2013 |
| Subaru | Baja 2006-2004 BRZ 2018-2013 Forester 2010-2004 Impreza 2014-2002 Legacy 2012-2004 Outback 2012-2001 WRX STI 2017-2013 |
| Toyota | 86 2018-2017 |
| 24643 OE Type Heated ZrO2 Sensor | |
| L Length: 47.75 inches (1215mm) 4 Lead Terminated | |
| Infiniti | QX4 2003-2001 |
| Nissan | Pathfinder 2002-2001 |
| 24644 OE Type Heated ZrO2 Sensor | |
| L Length: 18.5 inches (470mm) 4 Lead Terminated | |
| Infiniti | QX56 2010-2004 |
| Nissan | Armada 2015-2005 Micra 2007-2006 Pathfinder 2012-2008 Pathfinder Armada 2004 Sentra 2006-2003 Titan 2015-2004 |
| 24645 OE Type Heated ZrO2 Sensor | |
| L Length: 30.75 inches (780mm) 4 Lead Terminated | |
| Nissan | Sentra 2002-2001 |
| 24646 OE Type Heated ZrO2 Sensor | |
| L Length: 14.25 inches (360mm) 4 Lead Terminated | |
| Nissan | Altima 2004-2002 |
| 24647 OE Type Heated ZrO2 Sensor | |
| L Length: 42.25 inches (1070mm) 4 Lead Terminated | |
| Honda | Accord 2007-2003 |
| 24648 OE Type Heated ZrO2 Sensor | |
| L Length: 21.75 inches (550mm) 4 Lead Terminated | |
| Nissan | Maxima 2000 |



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| 24649 | | OE Type Heated ZrO2 Sensor | | 24661 (Cont'd) | | OE Type Heated AFR Sensor | | |
| L Length: 30 inches (760mm) | | 4 Lead Terminated | | L Length: 15.75 inches (400mm) | | 4 Lead Terminated | | |
| Lexus | LS430 | 2006-2001 | | Scion | iM | 2016 | | |
| | SC430 | 2005-2002 | | | xD | 2009-2008 | | |
| 24650 | | OE Type Heated ZrO2 Sensor | | Toyota | Corolla | 2010-2005 | | |
| L Length: 24.5 inches (620mm) | | 4 Lead Terminated | | | Corolla iM | 2017 | | |
| Mitsubishi | Outlander | 2006-2003 | | | Highlander | 2003-2001 | | |
| | | | | | Highlander | 2010-2008 | | |
| 24651 | | OE Type Heated ZrO2 Sensor | | | Matrix | 2010-2005 | | |
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | | | Prius | 2010-2004 | | |
| Subaru | B9 Tribeca | 2007-2006 | | | Sequoia | 2011-2010 | | |
| | Crosstrek | 2017-2016 | | | Tacoma | 2017-2009 | | |
| | Forester | 2017-2009 | | Tundra | 2011-2010 | | | |
| | Impreza | 2017-2008 | | Yaris | 2011-2006 | | | |
| | Legacy | 2017-2008 | | 24662 | | OE Type Heated AFR Sensor | | |
| | Outback | 2017-2005 | | L Length: 20 inches (510mm) | | 4 Lead Terminated | | |
| | Tribeca | 2014-2008 | | Lexus | ES350 | 2011-2007 | | |
| | WRX | 2014-2013 | | | ES350 | 2017-2015 | | |
| XV Crosstrek | 2015-2013 | | RX350 | | 2009-2007 | | | |
| 24653 | | OE Type Heated ZrO2 Sensor | | | RX350 | 2017-2015 | | |
| L Length: 16.75 inches (425mm) | | 4 Lead Terminated | | | RX450h | 2017-2016 | | |
| Chevrolet | Aveo | 2005-2004 | | Pontiac | Vibe | 2010-2009 | | |
| | Passport | 2001 | | | Scion | tC | 2010-2005 | |
| Honda | Axiom | 2003-2002 | | Scion | xB | 2010-2008 | | |
| | Rodeo | 2001 | | | Toyota | Avalon | 2011-2005 | |
| | Rodeo Sport | 2001 | | Camry | | 2011-2003 | | |
| | Trooper | 2002-2000 | | Corolla | | 2012-2009 | | |
| Pontiac | GTO | 2006-2004 | | Highlander | | 2010-2001 | | |
| | Wave | 2005 | | Highlander | | 2017 | | |
| | Wave5 | 2005 | | Matrix | | 2013-2009 | | |
| Suzuki | Swift+ | 2005-2004 | | RAV4 | | 2012-2004 | | |
| | | | | Sienna | | 2011-2007 | | |
| 24655 | | OE Type Heated ZrO2 Sensor | | Sienna | 2017 | | | |
| L Length: 13.5 inches (340mm) | | 4 Lead Terminated | | Solara | 2008-2004 | | | |
| Honda | Accord | 2002-1998 | | Venza | 2011-2009 | | | |
| 24656 | | OE Type Heated AFR Sensor | | 24663 | | OE Type Heated AFR Sensor | | |
| L Length: 19.75 inches (500mm) | | 4 Lead Terminated | | L Length: 9.5 inches (240mm) | | 4 Lead Terminated | | |
| Toyota | Camry | 1999-1997 | | Lexus | ES300 | 2003-2002 | | |
| | Solara | 1999 | | | ES330 | 2006-2004 | | |
| 24657 | | OE Type Heated AFR Sensor | | | RX400h | 2007-2006 | | |
| L Length: 20.5 inches (520mm) | | 4 Lead Terminated | | Subaru | B9 Tribeca | 2007-2006 | | |
| Subaru | Outback | 2004-2001 | | | Legacy | 2017-2008 | | |
| | Camry | 2003-2000 | | | Outback | 2017-2005 | | |
| Toyota | RAV4 | 2003-2001 | | | Tribeca | 2014-2008 | | |
| | Solara | 2003-2000 | | Toyota | 4Runner | 2004-2003 | | |
| 24658 | | OE Type Heated AFR Sensor | | | Camry | 2006-2002 | | |
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated | | | Highlander | 2007-2006 | | |
| Lexus | ES300 | 2001-2000 | | | Highlander | 2013-2009 | | |
| | Avalon | 2004-2000 | | | Sienna | 2010-2004 | | |
| Toyota | Sienna | 2003-2001 | | | Solara | 2008-2004 | | |
| | 24659 | | OE Type Heated AFR Sensor | | 24664 | | OE Type Heated AFR Sensor | |
| L Length: 31 inches (790mm) | | 4 Lead Terminated | | | L Length: 22 inches (560mm) | | 4 Lead Terminated | |
| Saab | 9-2X | 2005 | | Acura | EL | 2005-2004 | | |
| Subaru | Impreza | 2005-2002 | | Honda | Civic | 2005-2004 | | |
| | 24660 | | OE Type Heated AFR Sensor | | Subaru | Baja | 2006-2003 | |
| L Length: 13.25 inches (335mm) | | 4 Lead Terminated | | Forester | | 2004-2003 | | |
| Honda | Accord | 2002-2000 | | Impreza | | 2004-2003 | | |
| | Insight | 2006-2001 | | Legacy | | 2004-2003 | | |
| 24661 | | OE Type Heated AFR Sensor | | Outback | | 2004-2003 | | |
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | | 24665 | | OE Type Heated AFR Sensor | | |
| Lexus | IS250 | 2012-2011 | | L Length: 13.75 inches (350mm) | | 4 Lead Terminated | | |
| | IS350 | 2012 | | Acura | RSX | 2004-2002 | | |
| | IS F | 2012-2008 | | Honda | Civic | 2005-2001 | | |
| | LS460 | 2013-2007 | | | CR-V | 2004-2002 | | |
| | | RX400h | 2008 | | 24666 | | OE Type Heated AFR Sensor | |
| Pontiac | Vibe | 2010-2005 | | L Length: 13.75 inches (350mm) | | 4 Lead Terminated | | |



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| 24666 OE Type Heated AFR Sensor | | |
| L Length: 17 inches (430mm) 4 Lead Terminated | | |
| Acura | RSX | 2004-2002 |
| 24667 OE Type Heated AFR Sensor | | |
| L Length: 15 inches (380mm) 4 Lead Terminated | | |
| Subaru | Impreza | 2001-1999 |
| | Legacy | 2001-1999 |
| | Outback | 2001-2000 |
| 24668 OE Type Heated AFR Sensor | | |
| L Length: 24 inches (610mm) 4 Lead Terminated | | |
| Acura | TSX | 2008-2004 |
| 24669 OE Type Heated AFR Sensor | | |
| L Length: 12.25 inches (310mm) 4 Lead Terminated | | |
| Toyota | 4Runner | 2002-1999 |
| | Tacoma | 2004-2000 |
| | Tundra | 2004-2000 |
| 24670 OE Type Heated AFR Sensor | | |
| L Length: 16.5 inches (420mm) 4 Lead Terminated | | |
| Toyota | 4Runner | 2000-1999 |
| | Tacoma | 2004-2000 |
| | Tundra | 2004-2000 |
| 24672 OE Type Unheated ZrO2 Sensor | | |
| L Length: 22.5 inches (570mm) 1 Lead Terminated | | |
| DeLorean | DMC 12 | 1983-1981 |
| Nissan | D21 | 1986 |
| | Micra | 1991-1986 |
| Volvo | 242 | 1984-1977 |
| | 244 | 1985-1977 |
| | 245 | 1985-1977 |
| | 262 | 1981-1980 |
| | 264 | 1982-1980 |
| | 265 | 1981-1980 |
| | 760 | 1984-1983 |
| | DL | 1984 |
| | GLE | 1984 |
| | 24673 OE Type Heated ZrO2 Sensor | |
| L Length: 9.75 inches (250mm) 4 Lead Terminated | | |
| Geo | Prizm | 1992-1990 |
| Toyota | Corolla | 1991-1988 |
| 24674 OE Type Heated ZrO2 Sensor | | |
| L Length: 31.5 inches (800mm) 4 Lead Terminated | | |
| Mitsubishi | Eclipse | 2012-2006 |
| | Galant | 2012-2004 |
| | Montero | 1996-1995 |
| | Outlander | 2018-2007 |
| 24675 OE Type Heated ZrO2 Sensor | | |
| L Length: 25.5 inches (650mm) 4 Lead Terminated | | |
| Acura | NSX | 2005-2000 |
| | TL | 1998-1995 |
| 24676 OE Type Heated ZrO2 Sensor | | |
| L Length: 34 inches (865mm) 4 Lead Terminated | | |
| Jaguar | XJ12 | 1996-1995 |
| | XJS | 1995 |
| Toyota | MR2 Spyder | 2005-2000 |
| 24677 OE Type Heated ZrO2 Sensor | | |
| L Length: 14.25 inches (360mm) 4 Lead Terminated | | |
| Lexus | GS450h | 2017-2013 |
| | HS250h | 2012-2010 |
| | LS460 | 2017-2009 |
| | RX330 | 2006-2004 |
| | RX350 | 2014-2007 |
| | RX400h | 2008-2006 |
| Scion | iM | 2010 |

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| 24677 (Cont'd) OE Type Heated ZrO2 Sensor | | |
| L Length: 14.25 inches (360mm) 4 Lead Terminated | | |
| Toyota | Corolla iM | 2017 |
| | Highlander | 2013-2004 |
| | Sienna | 2014-2004 |
| 24678 OE Type Heated ZrO2 Sensor | | |
| L Length: 32 inches (810mm) 4 Lead Terminated | | |
| Mazda | 6 | 2005 |
| | MPV | 1998-1996 |
| 24679 OE Type Heated ZrO2 Sensor | | |
| L Length: 35.5 inches (900mm) 4 Lead Terminated | | |
| Acura | NSX | 2005-2000 |
| 24681 OE Type Heated ZrO2 Sensor | | |
| L Length: 24.5 inches (620mm) 4 Lead Terminated | | |
| Infiniti | Q45 | 1996 |
| 24682 OE Type Heated ZrO2 Sensor | | |
| L Length: 34.25 inches (870mm) 4 Lead Terminated | | |
| Infiniti | J30 | 1997-1996 |
| 24683 OE Type Heated ZrO2 Sensor | | |
| L Length: 23.5 inches (600mm) 4 Lead Terminated | | |
| Infiniti | J30 | 1997-1996 |
| 24684 OE Type Heated ZrO2 Sensor | | |
| L Length: 40.25 inches (1020mm) 4 Lead Terminated | | |
| Mazda | Miata | 2005-2001 |
| 24685 OE Type Heated ZrO2 Sensor | | |
| L Length: 20.75 inches (530mm) 4 Lead Terminated | | |
| Suzuki | Esteem | 2002-2001 |
| 24687 OE Type Heated ZrO2 Sensor | | |
| L Length: 22.5 inches (570mm) 4 Lead Terminated | | |
| Toyota | Sienna | 2010-2004 |
| | Sienna | 2016-2015 |
| 24688 OE Type Heated ZrO2 Sensor | | |
| L Length: 21.75 inches (550mm) 4 Lead Terminated | | |
| Mitsubishi | Lancer | 2006-2004 |
| | Outlander | 2006-2004 |
| 24689 OE Type Heated ZrO2 Sensor | | |
| L Length: 11.75 inches (300mm) 4 Lead Terminated | | |
| Toyota | Sienna | 2003-2001 |
| 24690 OE Type Heated ZrO2 Sensor | | |
| L Length: 18 inches (460mm) 4 Lead Terminated | | |
| Mitsubishi | Eclipse | 2012-2006 |
| | Galant | 2012-2004 |
| 24694 OE Type Heated AFR Sensor | | |
| L Length: 20.75 inches (525mm) 4 Lead Terminated | | |
| Acura | RSX | 2006-2005 |
| 24695 OE Type Heated AFR Sensor | | |
| L Length: 37.75 inches (960mm) 4 Lead Terminated | | |
| Subaru | Baja | 2006-2004 |
| 24696 OE Type Heated AFR Sensor | | |
| L Length: 22.75 inches (575mm) 4 Lead Terminated | | |
| Saab | 9-2X | 2006 |
| Subaru | Forester | 2010-2006 |
| | Impreza | 2011-2006 |
| | Legacy | 2009-2004 |
| | Outback | 2009-2004 |
| 24697 OE Type Heated ZrO2 Sensor | | |
| L Length: 23.5 inches (600mm) 4 Lead Terminated | | |
| Mazda | 6 | 2008-2005 |
| 24698 OE Type Heated ZrO2 Sensor | | |
| L Length: 17.75 inches (450mm) 4 Lead Terminated | | |
| Mazda | MX-5 Miata | 2015-2006 |



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|---------------------------------|---------------|-----------------------------------|-----------|-----------|
| 24699 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 9.75 inches (250mm) | | 4 Lead Terminated | | |
| Suzuki | SX4 | | 2013-2008 | |
| | SX4 Crossover | | 2012 | |
| 24779 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 16.25 inches (415mm) | | 4 Lead Terminated | | |
| Mazda | 3 | | 2013-2012 | |
| | 3 Sport | | 2013-2011 | |
| 24780 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 10.25 inches (260mm) | | 4 Lead Terminated | | |
| Lexus | GX460 | | 2017-2014 | |
| | LX570 | | 2017-2014 | |
| Toyota | 4Runner | | 2016-2013 | |
| | FJ Cruiser | | 2014-2013 | |
| | Land Cruiser | | 2017-2014 | |
| | Sequoia | | 2016-2014 | |
| | Tacoma | | 2015-2012 | |
| | Tundra | | 2017-2013 | |
| 24781 | | OE Type Heated AFR Sensor | | |
| L Length: 18.75 inches (475mm) | | 4 Lead Terminated | | |
| Infiniti | FX50 | | 2013 | |
| | QX70 | | 2014 | |
| 24782 | | OE Type Heated AFR Sensor | | |
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated | | |
| Lexus | GS200t | | 2016 | |
| | GS Turbo | | 2017 | |
| | IS200t | | 2016 | |
| | IS Turbo | | 2017 | |
| | RC200t | | 2016 | |
| | RC Turbo | | 2017 | |
| 24783 | | OE Type Heated AFR Sensor | | |
| L Length: 15 inches (380mm) | | 4 Lead Terminated | | |
| Chevrolet | City Express | | 2018-2015 | |
| Infiniti | EX35 | | 2012-2011 | |
| | EX37 | | 2013 | |
| | FX35 | | 2012-2011 | |
| | FX37 | | 2013 | |
| | G37 | | 2013-2011 | |
| | JX35 | | 2013 | |
| | M35h | | 2013-2012 | |
| | M37 | | 2013-2012 | |
| | QX50 | | 2014 | |
| | QX60 | | 2015-2014 | |
| | QX70 | | 2014 | |
| | Nissan | 370Z | | 2013-2011 |
| | | Altima | | 2017-2013 |
| | | Armada | | 2015-2013 |
| | | Cube | | 2014-2011 |
| | | Frontier | | 2018-2013 |
| Maxima | | | 2014-2013 | |
| Micra | | | 2018-2015 | |
| Murano | | | 2014-2011 | |
| NV200 | | | 2018-2013 | |
| NV1500 | | | 2018-2012 | |
| NV2500 | | | 2018-2012 | |
| NV3500 | | | 2018-2012 | |
| Pathfinder | | | 2015-2013 | |
| Quest | | | 2014-2011 | |
| Sentra | | | 2018-2013 | |
| Titan | | | 2015-2013 | |
| Versa | | | 2018-2012 | |
| Versa Note | | | 2017-2014 | |
| | | Xterra | | 2013 |
| 24784 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 17 inches (430mm) | | 4 Lead Terminated | | |
| Lexus | RX350 | | 2017-2016 | |
| | RX450h | | 2017-2016 | |
| Toyota | Highlander | | 2017 | |
| | Prius | | 2017-2016 | |
| | Sienna | | 2017 | |
| 24785 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 42.25 inches (1075mm) | | 4 Lead Terminated | | |
| Lexus | GS350 | | 2017-2016 | |
| 24786 | | OE Type Heated AFR Sensor | | |
| L Length: 20 inches (510mm) | | 4 Lead Terminated | | |
| Infiniti | Q40 | | 2015 | |
| | Q50 | | 2018-2014 | |
| | Q60 | | 2015-2014 | |
| | Q70 | | 2018-2014 | |
| | Q70L | | 2018-2015 | |
| | QX50 | | 2017-2015 | |
| | QX60 | | 2018-2015 | |
| | QX70 | | 2017-2015 | |
| | QX80 | | 2018-2015 | |
| | | 370Z | | 2018-2014 |
| Nissan | Altima | | 2017-2015 | |
| | Armada | | 2018-2017 | |
| | Frontier | | 2018-2015 | |
| | Maxima | | 2018-2016 | |
| | Murano | | 2018-2015 | |
| | NV2500 | | 2018 | |
| | NV3500 | | 2018 | |
| | Pathfinder | | 2018-2015 | |
| | Qashqai | | 2018-2017 | |
| | Quest | | 2017-2015 | |
| | Rogue | | 2018-2017 | |
| | Rogue Sport | | 2018-2017 | |
| | Sentra | | 2018-2013 | |
| | Titan | | 2018-2017 | |
| Titan XD | | 2018-2016 | | |
| | Xterra | | 2015-2014 | |
| 24787 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 24.5 inches (625mm) | | 4 Lead Terminated | | |
| Toyota | Sienna | | 2016-2015 | |
| 24788 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 16.25 inches (410mm) | | 4 Lead Terminated | | |
| Mazda | CX-3 | | 2017-2016 | |
| | MX-5 Miata | | 2017-2016 | |
| Scion | iA | | 2016 | |
| Toyota | Yaris | | 2018-2016 | |
| | Yaris iA | | 2018-2017 | |
| 24789 | | OE Type Heated AFR Sensor | | |
| L Length: 12 inches (305mm) | | 4 Lead Terminated | | |
| Infiniti | Q50 | | 2018-2016 | |
| | Q60 | | 2018-2017 | |
| 24790 | | OE Type Heated AFR Sensor | | |
| L Length: 11 inches (280mm) | | 4 Lead Terminated | | |
| Suzuki | Grand Vitara | | 2006 | |
| 24791 | | OE Type Heated AFR Sensor | | |
| L Length: 14.75 inches (375mm) | | 4 Lead Terminated | | |
| Infiniti | G25 | | 2012-2011 | |
| Nissan | Altima | | 2017-2013 | |
| | Juke | | 2015-2011 | |
| | NV2500 | | 2017-2012 | |
| | NV3500 | | 2017-2012 | |
| 24792 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 27.75 inches (705mm) | | 4 Lead Terminated | | |
| Mazda | 3 | | 2016-2014 | |



| 24792 (Cont'd) OE Type Heated ZrO2 Sensor | |
|--|---|
| L Length: 27.75 inches (705mm) 4 Lead Terminated | |
| Mazda | 3 Sport 2016-2014 6 2017-2014 CX-5 2016-2013 |
| 24793 OE Type Heated ZrO2 Sensor | |
| L Length: 35.5 inches (900mm) 4 Lead Terminated | |
| Mitsubishi | Lancer 2006 |
| 24794 OE Type Heated ZrO2 Sensor | |
| L Length: 25.5 inches (650mm) 4 Lead Terminated | |
| Lexus | RX350 2017-2016 RX450h 2017-2016 |
| Toyota | Highlander 2017 |
| 24795 OE Type Heated AFR Sensor | |
| L Length: 19.75 inches (500mm) 4 Lead Terminated | |
| Nissan | Juke 2015-2014 Sentra 2018-2017 |
| 24796 OE Type Heated ZrO2 Sensor | |
| L Length: 13.75 inches (350mm) 4 Lead Terminated | |
| Lexus | LS600h 2016 |
| Toyota | Tacoma 2017-2016 |
| 24797 OE Type Heated ZrO2 Sensor | |
| L Length: 18.75 inches (475mm) 4 Lead Terminated | |
| Toyota | Sienna 2017 |
| 24798 OE Type Heated ZrO2 Sensor | |
| L Length: 15.75 inches (400mm) 4 Lead Terminated | |
| Infiniti | QX60 2018-2015 |
| Nissan | Altima 2017-2015 Juke 2015-2014 Maxima 2018-2016 Murano 2018-2015 Pathfinder 2018-2015 Quest 2017-2015 |
| 24799 OE Type Heated AFR Sensor | |
| L Length: 11.75 inches (300mm) 4 Lead Terminated | |
| Nissan | Rogue 2017-2014 |
| 24800 OE Type Heated ZrO2 Sensor | |
| L Length: 19.75 inches (500mm) 4 Lead Terminated | |
| Nissan | Quest 2017-2015 |
| 24801 OE Type Heated AFR Sensor | |
| L Length: 9.75 inches (250mm) 4 Lead Terminated | |
| Suzuki | Kizashi 2013-2010 SX4 2013-2010 SX4 Crossover 2012 |
| 24802 OE Type Heated AFR Sensor | |
| L Length: 24.5 inches (625mm) 4 Lead Terminated | |
| Lexus | RX350 2017-2016 RX450h 2017-2016 |
| Toyota | Highlander 2017-2014 |
| 24803 OE Type Heated AFR Sensor | |
| L Length: 16.75 inches (425mm) 4 Lead Terminated | |
| Honda | Accord 2007-2003 |
| 24804 OE Type Heated ZrO2 Sensor | |
| L Length: 12.75 inches (325mm) 3 Lead Terminated | |
| Nissan | Frontier 2004 Xterra 2004 |
| 24805 OE Type Heated ZrO2 Sensor | |
| L Length: 34.5 inches (875mm) 3 Lead Terminated | |
| Nissan | Frontier 2004 Xterra 2004 |
| 24806 OE Type Heated ZrO2 Sensor | |
| L Length: 21.75 inches (550mm) 4 Lead Terminated | |
| Pontiac | Vibe 2006-2004 |

| 24806 (Cont'd) OE Type Heated ZrO2 Sensor | |
|---|---|
| L Length: 21.75 inches (550mm) 4 Lead Terminated | |
| Toyota | Corolla 2006-2005 Matrix 2006-2004 |
| 24807 OE Type Heated ZrO2 Sensor | |
| L Length: 36.5 inches (925mm) 4 Lead Terminated | |
| Lexus | GS300 1999-1998 IS300 2005-2001 |
| 24808 OE Type Heated ZrO2 Sensor | |
| L Length: 31.5 inches (800mm) 4 Lead Terminated | |
| Lexus | ES300 2001-1997 GS300 2005-2000 LS400 2000-1995 SC400 2000-1996 |
| Toyota | Camry 2001-1997 Camry 2006-2003 Corolla 2017-2014 Solara 2003-1999 |
| 24809 OE Type Heated AFR Sensor | |
| L Length: 13.75 inches (350mm) 4 Lead Terminated | |
| Honda | Accord 2000-1998 |
| 24810 OE Type Heated ZrO2 Sensor | |
| L Length: 19.75 inches (500mm) 4 Lead Terminated | |
| Toyota | Celica 2005-2003 |
| 24811 OE Type Heated ZrO2 Sensor | |
| L Length: 19 inches (480mm) 4 Lead Terminated | |
| Pontiac | Vibe 2006-2003 |
| Toyota | Corolla 2004-2003 Matrix 2006-2003 Tacoma 2017-2016 |
| 24812 OE Type Heated ZrO2 Sensor | |
| L Length: 15.75 inches (400mm) 4 Lead Terminated | |
| Suzuki | Grand Vitara 2010-2009 |
| 24814 OE Type Heated AFR Sensor | |
| L Length: 23.5 inches (600mm) 4 Lead Terminated | |
| Mazda | RX-8 2011-2009 |
| 24815 OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) 4 Lead Terminated | |
| Suzuki | Grand Vitara 2010-2009 Kizashi 2013-2010 |
| 24816 OE Type Heated ZrO2 Sensor | |
| L Length: 10.75 inches (275mm) 4 Lead Terminated | |
| Mazda | RX-8 2011-2009 |
| 24817 OE Type Heated ZrO2 Sensor | |
| L Length: 24 inches (610mm) 4 Lead Terminated | |
| Suzuki | Grand Vitara 2013-2009 SX4 2007 |
| 24818 OE Type Heated ZrO2 Sensor | |
| L Length: 33.5 inches (850mm) 4 Lead Terminated | |
| Nissan | Frontier 2004 Xterra 2004 |
| 24819 OE Type Heated ZrO2 Sensor | |
| L Length: 44.25 inches (1125mm) 4 Lead Terminated | |
| Nissan | Frontier 2004 Xterra 2004 |
| 24820 OE Type Heated AFR Sensor | |
| L Length: 20.75 inches (525mm) 4 Lead Terminated | |
| Honda | S2000 2009-2006 |
| 24821 OE Type Heated AFR Sensor | |
| L Length: 31.5 inches (800mm) 4 Lead Terminated | |
| Saab | 9-2X 2006 |
| Subaru | Forester 2010-2004 Impreza 2014-2004 |



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|--|--|---|---|
| 24821 (Cont'd) OE Type Heated AFR Sensor | | 24828 (Cont'd) OE Type Heated AFR Sensor | |
| L Length: 31.5 inches (800mm) 4 Lead Terminated | | L Length: 13.75 inches (350mm) 4 Lead Terminated | |
| Subaru | Legacy 2007-2005 Outback 2007-2005 WRX STI 2017-2013 | Lexus | GS450h 2017-2013 IS250 2015-2013 IS300 2017-2016 IS350 2017-2013 LS460 2017-2014 LS600h 2016 LX570 2017-2016 NX200t 2017-2015 RC300 2017-2016 RC350 2017-2015 |
| 24822 OE Type Heated AFR Sensor | | 24829 OE Type Heated AFR Sensor | |
| L Length: 12.75 inches (325mm) 4 Lead Terminated | | L Length: 8.75 inches (225mm) 4 Lead Terminated | |
| Lexus | ES300 2001-2000 | Mazda | MX-5 Miata 2015-2006 |
| Toyota | Avalon 2004-2000 Camry 2001 RAV4 2003-2001 Sienna 2003-2001 Solara 2003-2001 | 24830 OE Type Heated AFR Sensor | |
| 24823 OE Type Heated AFR Sensor | | L Length: 10.75 inches (275mm) 4 Lead Terminated | |
| L Length: 11.75 inches (300mm) 4 Lead Terminated | | Subaru | |
| Land Rover | LR3 2009-2005 Range Rover 2009-2006 Range Rover Sport 2009-2006 | Forester 2013-2011 Impreza 2014-2009 Legacy 2009-2008 Outback 2009-2008 WRX 2014-2013 | |
| 24824 OE Type Heated ZrO2 Sensor | | 24831 OE Type Heated AFR Sensor | |
| L Length: 20.75 inches (525mm) 4 Lead Terminated | | L Length: 19.75 inches (500mm) 4 Lead Terminated | |
| Toyota | Sienna 2014-2011 | Subaru | Legacy 2012-2010 Outback 2012-2010 |
| 24825 OE Type Heated AFR Sensor | | 24833 OE Type Heated AFR Sensor | |
| L Length: 18.75 inches (475mm) 4 Lead Terminated | | L Length: 10.75 inches (275mm) 4 Lead Terminated | |
| Saab | 9-2X 2005 | Lexus | GS300 2006 GS350 2011-2007 GS350 2017-2016 GS450h 2011-2007 GS450h 2017-2015 GS460 2011-2008 GS F 2017-2016 GX460 2013-2010 GX470 2009-2005 HS250h 2012-2010 IS250 2012-2006 IS350 2012-2006 IS F 2014-2013 LS460 2013-2007 LS600h 2015-2008 LX470 2007-2005 LX570 2011-2008 RC F 2017-2015 RX400h 2008 |
| Subaru | Forester 2005 Impreza 2005 Legacy 2005 Outback 2005 | Toyota | |
| 24826 OE Type Heated AFR Sensor | | 4Runner 2010 Avalon 2011-2005 Avalon 2017-2015 Camry 2011-2002 Camry 2017-2015 Highlander 2010-2004 Highlander 2017 RAV4 2012-2006 RAV4 2016 Sienna 2006-2004 Sienna 2011 Sienna 2017 Solara 2008-2004 Tacoma 2012-2005 Tacoma 2017-2016 Venza 2012-2009 | |
| L Length: 23.5 inches (600mm) 4 Lead Terminated | | 24828 OE Type Heated AFR Sensor | |
| Subaru | Legacy 2012-2010 | L Length: 13.75 inches (350mm) 4 Lead Terminated | |
| 24827 OE Type Heated AFR Sensor | | Lexus | |
| L Length: 14.75 inches (375mm) 4 Lead Terminated | | CT200h 2017-2011 ES350 2014-2012 GS350 2017-2013 | |
| Lexus | ES300 2003-2002 ES330 2006-2004 ES350 2011-2007 ES350 2017-2016 NX300h 2017-2015 RX330 2006-2004 RX350 2011-2007 RX350 2017-2015 RX400h 2007-2006 RX450h 2010 RX450h 2017-2016 | | |



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|---|-------------------------|
| 24833 (Cont'd) OE Type Heated AFR Sensor | |
| L Length: 10.75 inches (275mm) 4 Lead Terminated | |
| Toyota | Tundra 2013-2005 |
| 24834 OE Type Heated ZrO2 Sensor | |
| L Length: 22.75 inches (575mm) 4 Lead Terminated | |
| Lexus | CT200h 2017-2011 |
| | RX350 2015 |
| | RX450h 2015-2011 |
| Toyota | Highlander 2016-2011 |
| | Prius 2015-2010 |
| | Prius Plug-In 2015-2012 |
| | Prius V 2017-2012 |
| | Sienna 2016-2015 |
| 24835 OE Type Heated AFR Sensor | |
| L Length: 11.75 inches (300mm) 4 Lead Terminated | |
| Acura | ILX 2015-2013 |
| Honda | CR-V 2009-2007 |
| 24836 OE Type Heated AFR Sensor | |
| L Length: 8.75 inches (225mm) 4 Lead Terminated | |
| Suzuki | Grand Vitara 2008-2007 |
| 24837 OE Type Heated AFR Sensor | |
| L Length: 17.75 inches (450mm) 4 Lead Terminated | |
| Lexus | RX350 2011-2010 |
| | RX450h 2010 |
| Scion | xB 2015-2011 |
| Toyota | RAV4 2008-2006 |
| 24838 OE Type Heated AFR Sensor | |
| L Length: 14.75 inches (375mm) 4 Lead Terminated | |
| Acura | RSX 2006-2005 |
| Honda | CR-V 2006-2005 |
| | Element 2009-2003 |
| 24839 OE Type Unheated ZrO2 Sensor | |
| L Length: 13.75 inches (350mm) 1 Lead Terminated | |
| Lexus | GS300 1994-1993 |
| 24840 OE Type Heated ZrO2 Sensor | |
| L Length: 21.75 inches (550mm) 4 Lead Terminated | |
| Lexus | GS350 2011-2007 |
| | GS350 2013 |
| | GS430 2007-2005 |
| | GS450h 2011-2007 |
| | GS450h 2013 |
| | IS250 2015-2006 |
| | IS350 2015-2006 |
| | IS F 2014-2008 |
| 24841 OE Type Heated ZrO2 Sensor | |
| L Length: 31.5 inches (800mm) 4 Lead Terminated | |
| Lexus | SC430 2010-2006 |
| Pontiac | Vibe 2010-2009 |
| Toyota | Corolla 2013-2009 |
| | Matrix 2014-2009 |
| 24842 OE Type Heated ZrO2 Sensor | |
| L Length: 43.25 inches (1100mm) 4 Lead Terminated | |
| Lexus | IS250 2013-2006 |
| | IS350 2013-2011 |
| 24843 OE Type Heated ZrO2 Sensor | |
| L Length: 20.75 inches (525mm) 4 Lead Terminated | |
| Suzuki | Esteem 2002-2001 |
| | Grand Vitara 2008-2006 |
| 24844 OE Type Heated ZrO2 Sensor | |
| L Length: 15.75 inches (400mm) 4 Lead Terminated | |
| Toyota | RAV4 2012-2006 |

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|--|------------------------|
| 24845 OE Type Heated AFR Sensor | |
| L Length: 12.75 inches (325mm) 4 Lead Terminated | |
| Honda | Element 2011-2010 |
| 24846 OE Type Heated AFR Sensor | |
| L Length: 23.5 inches (600mm) 4 Lead Terminated | |
| Mazda | 2 2014-2011 |
| 24847 OE Type Heated ZrO2 Sensor | |
| L Length: 37.5 inches (950mm) 4 Lead Terminated | |
| Toyota | Venza 2016-2009 |
| 24848 OE Type Heated ZrO2 Sensor | |
| L Length: 13.75 inches (350mm) 4 Lead Terminated | |
| Toyota | 4Runner 2004-2003 |
| | Tacoma 2017-2016 |
| 24849 OE Type Heated AFR Sensor | |
| L Length: 7 inches (175mm) 4 Lead Terminated | |
| Lexus | GS350 2015-2013 |
| | GX460 2017-2014 |
| | IS250 2015-2013 |
| | IS350 2015-2013 |
| | LX570 2015-2013 |
| Toyota | Land Cruiser 2015-2013 |
| | Sequoia 2016-2012 |
| | Tacoma 2015-2012 |
| | Tundra 2017-2011 |
| 24850 OE Type Heated AFR Sensor | |
| L Length: 10.75 inches (275mm) 4 Lead Terminated | |
| Subaru | Legacy 2017-2015 |
| | Outback 2017-2015 |
| Toyota | Sienna 2013-2011 |
| 24851 OE Type Heated AFR Sensor | |
| L Length: 16.75 inches (425mm) 4 Lead Terminated | |
| Lexus | ES300h 2017-2013 |
| | ES350 2017-2012 |
| | RX350 2015-2011 |
| | RX450h 2015-2011 |
| Scion | FR-S 2016-2013 |
| | tC 2016-2011 |
| Subaru | BRZ 2018-2013 |
| | Crosstrek 2017-2016 |
| | Forester 2017-2011 |
| | Impreza 2017-2012 |
| | Legacy 2017-2013 |
| | Outback 2017-2013 |
| | XV Crosstrek 2015-2013 |
| | Toyota |
| Avalon 2017-2012 | |
| Camry 2017-2012 | |
| Highlander 2016-2011 | |
| RAV4 2016-2013 | |
| Sienna 2016-2012 | |
| Tacoma 2015-2013 | |
| Venza 2016-2012 | |
| 24852 OE Type Heated ZrO2 Sensor | |
| L Length: 14.75 inches (375mm) 4 Lead Terminated | |
| Nissan | Cube 2014-2011 |
| 24853 OE Type Heated AFR Sensor | |
| L Length: 18.25 inches (465mm) 4 Lead Terminated | |
| Infiniti | FX50 2012-2009 |
| Nissan | Cube 2014-2011 |
| | Sentra 2012-2009 |
| 24854 OE Type Heated AFR Sensor | |
| L Length: 14.75 inches (375mm) 4 Lead Terminated | |
| Nissan | Altima 2013-2011 |



| 25000 OE Type Heated TiO2 Sensor | | 25034 OE Type Heated ZrO2 Sensor | |
|--|--|---|---|
| L Length: 13 inches (330mm) 4 Lead Terminated | | L Length: 38.5 inches (975mm) 3 Lead Terminated | |
| Hyundai | Santa Fe 2002-2001 Sonata 2002-1999 Tiburon 2003 | Alfa Romeo | Milano 1988-1987 |
| Kia | Magentis 2002-2001 Optima 2002-2001 | Audi | 90 1995-1993 90 Quattro 1995-1993 100 1994-1993 100 Quattro 1994-1993 A6 1998-1995 A6 Quattro 1998-1995 Cabriolet 1998-1994 |
| 25002 OE Type Heated TiO2 Sensor | | 25036 OE Type Heated ZrO2 Sensor | |
| L Length: 67 inches (1700mm) 3 Lead Terminated | | L Length: 19.25 inches (490mm) 3 Lead Terminated | |
| Volvo | 740 1992-1989 940 1993-1992 | Audi | 90 Quattro 1993 100 1992 100 Quattro 1993-1992 |
| 25003 OE Type Heated TiO2 Sensor | | 25038 OE Type Heated ZrO2 Sensor | |
| L Length: 75 inches (1905mm) 3 Lead Terminated | | L Length: 12.5 inches (320mm) 3 Lead Terminated | |
| Volvo | 940 1995-1994 | Mercedes-Benz | 190E 1993-1984 |
| 25005 OE Type Heated TiO2 Sensor | | 25040 OE Type Heated ZrO2 Sensor | |
| L Length: 20.75 inches (530mm) 4 Lead Terminated | | L Length: 47.75 inches (1215mm) 3 Lead Terminated | |
| Volvo | 850 1997-1993 | Alfa Romeo | 164 1993-1991 Milano 1989 Spider 1994-1990 |
| 25010 OE Type Heated TiO2 Sensor | | 25031 OE Type Unheated ZrO2 Sensor | |
| L Length: 9.5 inches (240mm) 4 Lead Terminated | | L Length: 36 inches (915mm) 1 Lead Terminated | |
| BMW | 320i 1995-1992 | Alfa Romeo | GTV-6 1982-1981 Spider 1985-1982 |
| 25013 OE Type Heated TiO2 Sensor | | 25033 OE Type Unheated ZrO2 Sensor | |
| L Length: 39 inches (990mm) 4 Lead Terminated | | L Length: 36 inches (915mm) 1 Lead Terminated | |
| BMW | 323i 1999-1998 323is 1999-1998 328i 1999-1996 328is 1999-1996 528i 1998-1997 M3 1999-1996 Z3 2000-1997 | Alfa Romeo | 164 1993-1991 Milano 1989 Spider 1994-1990 |
| 25016 OE Type Heated TiO2 Sensor | | 25034 OE Type Heated ZrO2 Sensor | |
| L Length: 20.5 inches (520mm) 3 Lead Terminated | | L Length: 38.5 inches (975mm) 3 Lead Terminated | |
| Land Rover | Defender 90 1995-1994 Defender 110 1993 Discovery 1995-1994 Range Rover 1995-1987 | Audi | 90 1995-1993 90 Quattro 1995-1993 100 1994-1993 100 Quattro 1994-1993 A6 1998-1995 A6 Quattro 1998-1995 Cabriolet 1998-1994 |
| 25017 OE Type Heated TiO2 Sensor | | 25038 OE Type Heated ZrO2 Sensor | |
| L Length: 20.5 inches (520mm) 4 Lead Terminated | | L Length: 12.5 inches (320mm) 3 Lead Terminated | |
| Land Rover | Defender 90 1997 Discovery 1999-1996 Range Rover 1997-1995 | Mercedes-Benz | 190E 1993-1984 |
| 25018 OE Type Heated TiO2 Sensor | | 25040 OE Type Heated ZrO2 Sensor | |
| L Length: 28.75 inches (730mm) 4 Lead Terminated | | L Length: 47.75 inches (1215mm) 3 Lead Terminated | |
| Jaguar | Vanden Plas 1997-1995 XJ6 1997-1995 XJR 1997-1995 XJS 1996-1995 | Alfa Romeo | 164 1993-1991 Milano 1989 Spider 1994-1990 |
| 25031 OE Type Unheated ZrO2 Sensor | | 25036 OE Type Heated ZrO2 Sensor | |
| L Length: 36 inches (915mm) 1 Lead Terminated | | L Length: 19.25 inches (490mm) 3 Lead Terminated | |
| Alfa Romeo | GTV-6 1982-1981 Spider 1985-1982 | Audi | 90 Quattro 1993 100 1992 100 Quattro 1993-1992 |
| BMW | 318i 1985-1984 320i 1983-1979 528e 1987-1982 528i 1981-1979 533i 1984-1983 633CSi 1984-1980 733i 1984-1979 | Peugeot | 505 1985 |
| Peugeot | 505 1985-1980 | 25038 OE Type Heated ZrO2 Sensor | |
| Saab | 900 1987-1986 | L Length: 12.5 inches (320mm) 3 Lead Terminated | |
| Volvo | 262 1979-1978 264 1979-1977 265 1979-1977 | Mercedes-Benz | 190E 1993-1984 |
| 25031 OE Type Unheated ZrO2 Sensor | | 25040 OE Type Heated ZrO2 Sensor | |
| L Length: 36 inches (915mm) 1 Lead Terminated | | L Length: 47.75 inches (1215mm) 3 Lead Terminated | |
| Alfa Romeo | GTV-6 1982-1981 Spider 1985-1982 | Alfa Romeo | 164 1993-1991 Milano 1989 Spider 1994-1990 |
| BMW | 318i 1985-1984 320i 1983-1979 528e 1987-1982 528i 1981-1979 533i 1984-1983 633CSi 1984-1980 733i 1984-1979 | Audi | 80 1992-1988 80 Quattro 1992-1988 90 1991-1988 90 Quattro 1992-1988 100 1991-1989 100 Quattro 1991-1989 200 1991-1989 200 Quattro 1991-1989 4000 1987-1985 5000 1988-1986 5000 Quattro 1988-1986 Coupe 1987 Coupe Quattro 1991-1990 V8 Quattro 1994-1990 |
| Peugeot | 505 1985-1980 | Peugeot | 505 1985 |
| Saab | 900 1987-1986 | 25038 OE Type Heated ZrO2 Sensor | |
| Volvo | 262 1979-1978 264 1979-1977 265 1979-1977 | L Length: 12.5 inches (320mm) 3 Lead Terminated | |
| 25031 OE Type Unheated ZrO2 Sensor | | 25040 OE Type Heated ZrO2 Sensor | |
| L Length: 36 inches (915mm) 1 Lead Terminated | | L Length: 47.75 inches (1215mm) 3 Lead Terminated | |
| Alfa Romeo | GTV-6 1982-1981 Spider 1985-1982 | Alfa Romeo | 164 1993-1991 Milano 1989 Spider 1994-1990 |
| BMW | 318i 1985-1984 320i 1983-1979 528e 1987-1982 528i 1981-1979 533i 1984-1983 633CSi 1984-1980 733i 1984-1979 | Audi | 80 1992-1988 80 Quattro 1992-1988 90 1991-1988 90 Quattro 1992-1988 100 1991-1989 100 Quattro 1991-1989 200 1991-1989 200 Quattro 1991-1989 4000 1987-1985 5000 1988-1986 5000 Quattro 1988-1986 Coupe 1987 Coupe Quattro 1991-1990 V8 Quattro 1994-1990 |
| Peugeot | 505 1985-1980 | Peugeot | 505 1985 |
| Saab | 900 1987-1986 | 25038 OE Type Heated ZrO2 Sensor | |
| Volvo | 262 1979-1978 264 1979-1977 265 1979-1977 | L Length: 12.5 inches (320mm) 3 Lead Terminated | |



| 25040 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|---------------------------------|-------------|----------------------------|--|
| L Length: 47.75 inches (1215mm) | | 3 Lead Terminated | |
| Jaguar | Vanden Plas | 1991-1986 | |
| | Vanden Plas | 1993 | |
| | XJ6 | 1991-1986 | |
| | XJ6 | 1993 | |
| | XJ12 | 1992-1981 | |
| | XJS | 1993-1980 | |
| Saab | 900 | 1994-1986 | |
| | 9000 | 1991-1986 | |
| Volkswagen | Cabriolet | 1989-1987 | |
| | Fox | 1990-1987 | |
| | Golf | 1992-1985 | |
| | Jetta | 1992-1985 | |
| | Passat | 1990 | |
| | Quantum | 1988-1986 | |
| | Scirocco | 1989-1984 | |

| 25041 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|-------|----------------------------|--|
| L Length: 20 inches (510mm) | | 4 Lead Terminated | |
| BMW | 318i | 1995-1992 | |
| | 318is | 1995-1992 | |
| | 318ti | 1995 | |
| | 325i | 1995-1992 | |
| | 325is | 1995-1992 | |
| | 530i | 1994 | |
| | 540i | 1994 | |
| | 840Ci | 1994 | |
| | M3 | 1995-1994 | |

| 25044 | | OE Type Heated TiO2 Sensor | |
|-------------------------------|--------------|----------------------------|--|
| L Length: 20.5 inches (520mm) | | 4 Lead Terminated | |
| Land Rover | Defender 90 | 1995-1994 | |
| | Defender 90 | 1997 | |
| | Defender 110 | 1993 | |
| | Discovery | 1999-1996 | |
| | Range Rover | 1998-1997 | |

| 25045 | | OE Type Heated TiO2 Sensor | |
|--------------------------------|-------|----------------------------|--|
| L Length: 16.25 inches (410mm) | | 4 Lead Terminated | |
| BMW | 323i | 1999-1998 | |
| | 323is | 1999-1998 | |
| | Z3 | 1998-1997 | |

| 25046 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|------|----------------------------|--|
| L Length: 28.75 inches (730mm) | | 4 Lead Terminated | |
| BMW | 525i | 1990-1989 | |

| 25053 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-------|----------------------------|--|
| L Length: 30.25 inches (770mm) | | 4 Lead Terminated | |
| Mercedes-Benz | 300CE | 1993 | |
| | 300E | 1993 | |
| | 300TE | 1993 | |
| | E320 | 1995-1994 | |

| 25059 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-----|----------------------------|--|
| L Length: 44.5 inches (1130mm) | | 4 Lead Terminated | |
| Alfa Romeo | 164 | 1994 | |

| 25069 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|----------|----------------------------|--|
| L Length: 17 inches (430mm) | | 4 Lead Terminated | |
| Hyundai | Santa Fe | 2006-2005 | |
| | Tucson | 2009-2005 | |
| Kia | Sportage | 2010-2005 | |

| 25078 | | OE Type Heated TiO2 Sensor | |
|-------------------------------|------|----------------------------|--|
| L Length: 16.5 inches (420mm) | | 4 Lead Terminated | |
| BMW | 320i | 1995-1992 | |

| 25079 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|------------|----------------------------|--|
| L Length: 23.25 inches (591mm) | | 4 Lead Terminated | |
| Audi | A4 | 2008-2006 | |
| | A4 Quattro | 2009-2006 | |

| 25079 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|------------|----------------------------|--|
| L Length: 23.25 inches (591mm) | | 4 Lead Terminated | |
| Audi | A6 | 2009-2006 | |
| | A6 Quattro | 2011-2005 | |

| 25081 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|-----------|----------------------------|--|
| L Length: 30 inches (760mm) | | 3 Lead Terminated | |
| Mercedes-Benz | 260E | 1989-1987 | |
| | 300CE | 1992-1988 | |
| | 300E | 1993-1986 | |
| | 300SE | 1991-1988 | |
| | 300SEL | 1991-1988 | |
| | 300TE | 1992-1988 | |
| | 450SLC | 1980 | |
| 560SL | 1989-1986 | | |

| 25083 | | OE Type Heated ZrO2 Sensor | |
|-------------------------------|------------|----------------------------|--|
| L Length: 28.5 inches (721mm) | | 4 Lead Terminated | |
| Audi | A4 | 2008-2006 | |
| | A4 Quattro | 2009-2006 | |
| | A6 | 2009-2006 | |
| | A6 Quattro | 2011-2005 | |

| 25088 | | OE Type Unheated ZrO2 Sensor | |
|--------------------------------|---------|------------------------------|--|
| L Length: 30.25 inches (767mm) | | 1 Lead Terminated | |
| Volkswagen | Vanagon | 1985-1980 | |

| 25103 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|-----------|---------------------------------|--|
| L Length: 23 inches (583mm) | | 3 (w/Grd Strap) Lead Terminated | |
| Volkswagen | Cabriolet | 1993-1990 | |
| | Corrado | 1990 | |
| | Fox | 1993-1991 | |
| | Golf | 1998-1993 | |
| | Jetta | 1995-1993 | |
| | Passat | 1993-1991 | |

| 25129 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|------|----------------------------|--|
| L Length: 20 inches (510mm) | | 3 Lead Terminated | |
| Mercedes-Benz | 190E | 1993-1991 | |

| 25137 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|------------|----------------------------|--|
| L Length: 36 inches (915mm) | | 4 Lead Terminated | |
| Ferrari | 348 GTB | 1994-1993 | |
| | 348 GTS | 1994-1993 | |
| | 348 Spider | 1995-1993 | |
| | 348 TB | 1992-1990 | |
| | 348 TS | 1992-1990 | |
| | 512 TR | 1994-1992 | |
| | Mondial t | 1993-1990 | |

| 25139 | | OE Type Unheated ZrO2 Sensor | |
|-----------------------------|-------|---------------------------------|--|
| L Length: 19 inches (480mm) | | 1 (w/Grd Strap) Lead Terminated | |
| Volkswagen | Golf | 1998-1993 | |
| | Jetta | 1995-1993 | |

| 25146 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-----|----------------------------|--|
| L Length: 16.75 inches (425mm) | | 4 Lead Terminated | |
| Saab | 9-3 | 2003 | |

| 25147 | | OE Type Heated ZrO2 Sensor | |
|-------------------------------|-----|----------------------------|--|
| L Length: 28.5 inches (725mm) | | 4 Lead Terminated | |
| Saab | 9-3 | 2003 | |

| 25150 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------|----------------------------|--|
| L Length: 22.25 inches (568mm) | | 4 Lead Terminated | |
| Hyundai | Santa Fe | 2006-2001 | |
| | Sonata | 2005-1999 | |
| Kia | Magentis | 2005-2001 | |
| | Optima | 2005-2001 | |

| 25151 | | OE Type Heated ZrO2 Sensor | |
|-------------------------------|--------|----------------------------|--|
| L Length: 12.5 inches (318mm) | | 4 Lead Terminated | |
| Hyundai | Sonata | 2005-1999 | |
| | XG300 | 2001 | |
| | XG350 | 2005-2002 | |



| | | | | | | | |
|--------------------------------|----------|-----------------------------------|-----------|--------------------------------|------------|-----------------------------------|-----------|
| 25151 (Cont'd) | | OE Type Heated ZrO2 Sensor | | 25169 (Cont'd) | | OE Type Heated TiO2 Sensor | |
| L Length: 12.5 inches (318mm) | | 4 Lead Terminated | | L Length: 16 inches (405mm) | | 4 Lead Terminated | |
| Kia | Amanti | | 2006-2004 | Kia | Magentis | | 2002-2001 |
| Kia | | | | | Optima | | 2002-2001 |
| 25152 | | OE Type Heated ZrO2 Sensor | | 25170 | | OE Type Heated TiO2 Sensor | |
| L Length: 23.5 inches (598mm) | | 4 Lead Terminated | | L Length: 18 inches (460mm) | | 4 Lead Terminated | |
| Kia | Sedona | | 2005-2002 | Hyundai | Tiburon | | 2003 |
| 25153 | | OE Type Heated ZrO2 Sensor | | 25173 | | OE Type Heated ZrO2 Sensor | |
| L Length: 12.5 inches (320mm) | | 4 Lead Terminated | | L Length: 38.25 inches (971mm) | | 4 Lead Terminated | |
| Hyundai | Sonata | | 2005-1999 | Audi | A4 | | 2006 |
| | | | | | A4 Quattro | | 2006-2005 |
| | | | | | A6 | | 2011-2010 |
| | | | | | A6 Quattro | | 2009 |
| 25154 | | OE Type Heated ZrO2 Sensor | | 25174 | | OE Type Heated ZrO2 Sensor | |
| L Length: 22 inches (558mm) | | 4 Lead Terminated | | L Length: 38.25 inches (971mm) | | 4 Lead Terminated | |
| Hyundai | XG300 | | 2001 | Audi | A4 | | 2006 |
| | XG350 | | 2003-2002 | | A4 Quattro | | 2006-2005 |
| Kia | Sedona | | 2005-2002 | | A6 | | 2011-2010 |
| | | | | | A6 Quattro | | 2009 |
| 25155 | | OE Type Heated ZrO2 Sensor | | 25175 | | OE Type Heated ZrO2 Sensor | |
| L Length: 17.75 inches (448mm) | | 4 Lead Terminated | | L Length: 28.5 inches (723mm) | | 4 Lead Terminated | |
| Hyundai | Santa Fe | | 2006-2001 | Kia | Sorento | | 2006-2003 |
| | Sonata | | 2005-1999 | | | | |
| | XG300 | | 2001 | | | | |
| Kia | Magentis | | 2005-2001 | | | | |
| | Optima | | 2005-2001 | | | | |
| 25156 | | OE Type Heated ZrO2 Sensor | | 25176 | | OE Type Heated ZrO2 Sensor | |
| L Length: 9.25 inches (233mm) | | 4 Lead Terminated | | L Length: 9.25 inches (233mm) | | 4 Lead Terminated | |
| Kia | Rio | | 2003-2001 | Kia | Rio | | 2005-2004 |
| 25157 | | OE Type Heated ZrO2 Sensor | | 25177 | | OE Type Heated ZrO2 Sensor | |
| L Length: 17 inches (433mm) | | 4 Lead Terminated | | L Length: 12 inches (303mm) | | 4 Lead Terminated | |
| Kia | Rio | | 2003-2001 | Kia | Rio | | 2005-2004 |
| 25158 | | OE Type Heated ZrO2 Sensor | | 25178 | | OE Type Heated ZrO2 Sensor | |
| L Length: 16.75 inches (428mm) | | 4 Lead Terminated | | L Length: 24.75 inches (630mm) | | 4 Lead Terminated | |
| Hyundai | Santa Fe | | 2006-2003 | Hyundai | Tiburon | | 2008-2003 |
| | XG350 | | 2005-2002 | | | | |
| Kia | Amanti | | 2006-2004 | | | | |
| | Sedona | | 2005-2002 | | | | |
| | Sorento | | 2006-2003 | | | | |
| 25160 | | OE Type Heated ZrO2 Sensor | | 25180 | | OE Type Heated ZrO2 Sensor | |
| L Length: 24.75 inches (630mm) | | 4 Lead Terminated | | L Length: 13 inches (330mm) | | 4 Lead Terminated | |
| Hyundai | Santa Fe | | 2006-2003 | Hyundai | Santa Fe | | 2006-2003 |
| | Sonata | | 2005-2002 | | Sonata | | 2005-2002 |
| | Tucson | | 2009-2005 | | Tiburon | | 2008-2003 |
| Kia | Magentis | | 2005-2002 | Kia | Magentis | | 2005-2002 |
| | Optima | | 2005-2002 | | Optima | | 2005-2002 |
| | Sportage | | 2010-2005 | | | | |
| 25162 | | OE Type Heated ZrO2 Sensor | | 25181 | | OE Type Heated ZrO2 Sensor | |
| L Length: 28.25 inches (718mm) | | 4 Lead Terminated | | L Length: 18 inches (460mm) | | 4 Lead Terminated | |
| Hyundai | Santa Fe | | 2006-2003 | Hyundai | Santa Fe | | 2006-2003 |
| | XG350 | | 2005-2003 | | Sonata | | 2005-2002 |
| Kia | Amanti | | 2006-2004 | | Tiburon | | 2008-2003 |
| | | | | | Tucson | | 2009-2005 |
| | | | | Kia | Magentis | | 2005-2002 |
| | | | | | Optima | | 2005-2002 |
| | | | | | Sportage | | 2010-2005 |
| 25163 | | OE Type Heated TiO2 Sensor | | 25182 | | OE Type Heated ZrO2 Sensor | |
| L Length: 26 inches (660mm) | | 4 Lead Terminated | | L Length: 29 inches (738mm) | | 4 Lead Terminated | |
| BMW | Z3 | | 2000-1998 | Hyundai | Sonata | | 2008-2006 |
| 25166 | | OE Type Heated TiO2 Sensor | | 25183 | | OE Type Heated ZrO2 Sensor | |
| L Length: 24.75 inches (630mm) | | 4 Lead Terminated | | L Length: 18.25 inches (463mm) | | 4 Lead Terminated | |
| Hyundai | Santa Fe | | 2002-2001 | Hyundai | Sonata | | 2008-2006 |
| | Sonata | | 2002-1999 | Kia | Magentis | | 2009-2006 |
| Kia | Magentis | | 2002-2001 | | Optima | | 2009-2006 |
| | Optima | | 2002-2001 | | Rondo | | 2008-2007 |
| 25167 | | OE Type Heated TiO2 Sensor | | 25184 | | OE Type Heated ZrO2 Sensor | |
| L Length: 24.75 inches (630mm) | | 4 Lead Terminated | | L Length: 12.5 inches (320mm) | | 4 Lead Terminated | |
| Hyundai | Tiburon | | 2003 | Chevrolet | Optra | | 2005-2004 |
| 25169 | | OE Type Heated TiO2 Sensor | | 25184 | | OE Type Heated ZrO2 Sensor | |
| L Length: 16 inches (405mm) | | 4 Lead Terminated | | L Length: 12.5 inches (320mm) | | 4 Lead Terminated | |
| Hyundai | Santa Fe | | 2002-2001 | Suzuki | Forenza | | 2005-2004 |
| | Sonata | | 2002-1999 | | | | |



25184 (Cont'd) OE Type Heated ZrO2 Sensor

| | | |
|-------------------------------|------|-------------------|
| L Length: 12.5 inches (320mm) | | 4 Lead Terminated |
| Suzuki | Reno | 2005 |

25185 OE Type Heated ZrO2 Sensor

| | | |
|-------------------------------|---------|-------------------|
| L Length: 8.75 inches (220mm) | | 4 Lead Terminated |
| Chevrolet | Optra | 2005-2004 |
| Suzuki | Forenza | 2005-2004 |
| | Reno | 2005 |

25186 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|----------------|-------------------|
| L Length: 19.75 inches (500mm) | | 4 Lead Terminated |
| Chrysler | Sebring | 2010-2007 |
| | Town & Country | 2010-2008 |
| Dodge | Avenger | 2010-2008 |
| | Caliber | 2010-2007 |
| | Grand Caravan | 2010-2008 |
| | Journey | 2010-2009 |
| Jeep | Compass | 2010-2007 |
| | Patriot | 2010-2007 |
| | Wrangler | 2010-2007 |

| | | |
|---------------|-----------|-----------|
| Mercedes-Benz | B200 | 2011-2006 |
| | C63 AMG | 2015-2008 |
| | C230 | 2009-2006 |
| | C250 | 2012-2010 |
| | C280 | 2007-2006 |
| | C300 | 2012-2008 |
| | C350 | 2011-2006 |
| | CL63 AMG | 2010-2008 |
| | CL550 | 2010-2007 |
| | CLK63 AMG | 2009-2007 |
| | CLK350 | 2009-2006 |
| | CLK550 | 2009-2007 |
| | CLS63 AMG | 2011-2007 |
| | CLS550 | 2011-2007 |
| | E63 AMG | 2011-2007 |
| | E350 | 2011-2006 |
| | E550 | 2011-2007 |
| | GL450 | 2012-2007 |
| | GL550 | 2012-2008 |
| | GLK350 | 2012-2010 |
| | ML63 AMG | 2011-2007 |
| | ML350 | 2011-2006 |
| | ML500 | 2006-2005 |
| | ML550 | 2011-2008 |
| | R63 AMG | 2007 |
| | R350 | 2011-2006 |
| | R550 | 2008 |
| | S63 AMG | 2010-2008 |
| | S350 | 2006 |
| | S400 | 2013-2010 |
| | S450 | 2011-2008 |
| | S550 | 2011-2007 |
| | SL63 AMG | 2012-2009 |
| | SL550 | 2012-2007 |
| SLK280 | 2008-2006 | |
| SLK300 | 2011-2009 | |
| SLK350 | 2011-2005 | |
| Smart | Fortwo | 2015-2008 |
| Volkswagen | Routan | 2010-2009 |

25187 OE Type Heated ZrO2 Sensor

| | | |
|-------------------------------|--------|-------------------|
| L Length: 18.5 inches (470mm) | | 4 Lead Terminated |
| Chevrolet | Epica | 2006 |
| Suzuki | Verona | 2006 |

25188 OE Type Heated ZrO2 Sensor

| | | |
|-------------------------------|--------|-------------------|
| L Length: 27.5 inches (700mm) | | 4 Lead Terminated |
| Chevrolet | Epica | 2006 |
| Suzuki | Verona | 2006 |

25189 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|---------|-------------------|
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated |
| Chevrolet | Aveo | 2013-2006 |
| | Aveo5 | 2008-2006 |
| | Optra | 2007-2006 |
| Pontiac | Wave | 2008-2006 |
| | Wave5 | 2007-2006 |
| Suzuki | Forenza | 2008-2006 |
| | Reno | 2008-2006 |
| | Swift+ | 2008-2006 |

25190 OE Type Heated ZrO2 Sensor

| | | |
|-----------------------------|--------|-------------------|
| L Length: 12 inches (305mm) | | 4 Lead Terminated |
| Chevrolet | Aveo | 2008-2006 |
| | Aveo5 | 2008-2006 |
| Pontiac | Wave | 2008-2006 |
| | Wave5 | 2007-2006 |
| Suzuki | Swift+ | 2008-2006 |

25191 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|--------|-------------------|
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated |
| Chevrolet | Epica | 2006 |
| Suzuki | Verona | 2006 |

25192 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|---------|-------------------|
| L Length: 14.25 inches (360mm) | | 4 Lead Terminated |
| Chevrolet | Optra | 2007-2006 |
| Suzuki | Forenza | 2008-2006 |
| | Reno | 2008-2006 |

25193 OE Type Heated ZrO2 Sensor

| | | |
|-------------------------------|-------|-------------------|
| L Length: 18.5 inches (471mm) | | 4 Lead Terminated |
| Saturn | Astra | 2009-2008 |

25194 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|----------|-------------------|
| L Length: 12.25 inches (310mm) | | 4 Lead Terminated |
| Hyundai | Santa Fe | 2009-2007 |
| Kia | Magentis | 2010-2006 |
| | Optima | 2010-2006 |
| | Rondo | 2012-2007 |

25195 OE Type Heated ZrO2 Sensor

| | | |
|------------------------------|----------|-------------------|
| L Length: 8.5 inches (215mm) | | 4 Lead Terminated |
| Hyundai | Santa Fe | 2009-2007 |
| Kia | Magentis | 2010-2006 |
| | Optima | 2010-2006 |
| | Rondo | 2012-2007 |

25196 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|----------|-------------------|
| L Length: 19.75 inches (500mm) | | 4 Lead Terminated |
| Hyundai | Santa Fe | 2009-2007 |
| Kia | Magentis | 2010-2006 |
| | Optima | 2010-2006 |
| | Rondo | 2012-2007 |

25197 OE Type Heated ZrO2 Sensor

| | | |
|--------------------------------|------------|-------------------|
| L Length: 19.75 inches (501mm) | | 4 Lead Terminated |
| Audi | A4 Quattro | 2009 |
| | A5 Quattro | 2010-2008 |
| | A6 Quattro | 2015-2012 |
| | A7 Quattro | 2015-2012 |
| | A8 Quattro | 2014-2013 |
| | Q5 | 2017-2009 |
| | S4 | 2016-2010 |
| | S5 | 2017-2010 |
| | SQ5 | 2017-2014 |

25198 OE Type Heated ZrO2 Sensor

| | | |
|-------------------------------|-------------------|-------------------|
| L Length: 17.5 inches (446mm) | | 4 Lead Terminated |
| Mini | Cooper | 2015-2007 |
| | Cooper Countryman | 2016-2011 |
| | Cooper Paceman | 2016-2013 |



| | | | |
|---------------------------------|----------------|-----------------------------------|-----------|
| 25199 | | OE Type Heated ZrO2 Sensor | |
| L Length: 23.25 inches (588mm) | | 4 Lead Terminated | |
| Hyundai | Genesis Coupe | 2014-2010 | |
| | Santa Fe | 2012-2010 | |
| | Santa Fe Sport | 2015-2013 | |
| | Sonata | 2015-2009 | |
| | Tucson | 2015-2010 | |
| Kia | Forte | 2013-2010 | |
| | Forte5 | 2013-2012 | |
| | Forte Koup | 2013-2010 | |
| | Optima | 2016-2011 | |
| | Rondo | 2012-2009 | |
| | Sorento | 2014-2011 | |
| | Sportage | 2016-2011 | |
| 25200 | | OE Type Heated ZrO2 Sensor | |
| L Length: 22 inches (560mm) | | 4 Lead Terminated | |
| Hyundai | Sonata | 2010-2009 | |
| | Kia | Forte | 2013-2010 |
| Kia | Forte5 | 2013-2012 | |
| | Forte Koup | 2013-2010 | |
| | Magentis | 2010 | |
| | Optima | 2010 | |
| | Rondo | 2012-2009 | |
| 25201 | | OE Type Heated ZrO2 Sensor | |
| L Length: 20.5 inches (518mm) | | 4 Lead Terminated | |
| Hyundai | Sonata | 2011 | |
| Kia | Optima | 2011 | |
| 25202 | | OE Type Heated ZrO2 Sensor | |
| L Length: 17.25 inches (440mm) | | 4 Lead Terminated | |
| Hyundai | Tucson | 2013-2010 | |
| Kia | Sportage | 2016-2011 | |
| 25203 | | OE Type Heated ZrO2 Sensor | |
| L Length: 15 inches (381mm) | | 4 Lead Terminated | |
| Mercedes-Benz | CLS550 | 2017-2015 | |
| | GL450 | 2015 | |
| | GLE350 | 2017-2016 | |
| | ML350 | 2014-2012 | |
| | ML400 | 2015 | |
| | R350 | 2013-2012 | |
| Smart | Fortwo | 2017-2016 | |
| 25204 | | OE Type Heated ZrO2 Sensor | |
| L Length: 29.25 inches (745mm) | | 4 Lead Terminated | |
| Hyundai | Azera | 2017-2012 | |
| Kia | Cadenza | 2016-2014 | |
| | Sedona | 2014 | |
| 25205 | | OE Type Heated ZrO2 Sensor | |
| L Length: 18.25 inches (461mm) | | 4 Lead Terminated | |
| Mercedes-Benz | E400 | 2014-2013 | |
| | SLK55 AMG | 2016-2012 | |
| 25206 | | OE Type Heated ZrO2 Sensor | |
| L Length: 27.5 inches (701mm) | | 4 Lead Terminated | |
| Mercedes-Benz | C250 | 2015-2012 | |
| | SLK250 | 2015-2012 | |
| 25207 | | OE Type Heated ZrO2 Sensor | |
| L Length: 18.75 inches (475mm) | | 4 Lead Terminated | |
| Hyundai | Azera | 2017-2012 | |
| | Santa Fe | 2016-2013 | |
| | Santa Fe XL | 2016-2013 | |
| Kia | Cadenza | 2016-2014 | |
| | Sedona | 2016-2014 | |
| | Sorento | 2016-2014 | |
| 25208 | | OE Type Heated ZrO2 Sensor | |
| L Length: 35.5 inches (901mm) | | 4 Lead Terminated | |
| Mercedes-Benz | G63 AMG | 2017-2013 | |
| 25210 | | OE Type Heated ZrO2 Sensor | |
| L Length: 19 inches (483mm) | | 4 Lead Terminated | |
| Hyundai | Genesis Coupe | 2012-2010 | |
| 25211 | | OE Type Heated ZrO2 Sensor | |
| L Length: 12.5 inches (320mm) | | 4 Lead Terminated | |
| Hyundai | Azera | 2017-2012 | |
| | Santa Fe | 2016-2010 | |
| | Santa Fe XL | 2016-2013 | |
| Kia | Cadenza | 2016-2014 | |
| | Sedona | 2012-2011 | |
| | Sedona | 2016-2014 | |
| | Sorento | 2016-2011 | |
| 25212 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11 inches (280mm) | | 4 Lead Terminated | |
| Hyundai | Genesis | 2016-2012 | |
| | Genesis Coupe | 2016-2013 | |
| | Santa Fe | 2012-2010 | |
| Kia | K900 | 2016-2015 | |
| | Sorento | 2013-2011 | |
| 25213 | | OE Type Heated ZrO2 Sensor | |
| L Length: 16.25 inches (415mm) | | 4 Lead Terminated | |
| Hyundai | Santa Fe | 2016-2010 | |
| | Santa Fe XL | 2016-2013 | |
| Kia | Sorento | 2016-2011 | |
| 25214 | | OE Type Heated ZrO2 Sensor | |
| L Length: 24.5 inches (620mm) | | 4 Lead Terminated | |
| Hyundai | Santa Fe | 2016-2010 | |
| | Santa Fe XL | 2016-2013 | |
| Kia | Sorento | 2016-2011 | |
| 25215 | | OE Type Heated ZrO2 Sensor | |
| L Length: 44.25 inches (1126mm) | | 4 Lead Terminated | |
| Audi | Q7 | 2015-2011 | |
| 25216 | | OE Type Heated ZrO2 Sensor | |
| L Length: 26.75 inches (681mm) | | 4 Lead Terminated | |
| Audi | Q7 | 2015-2011 | |
| 25217 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Hyundai | Genesis Coupe | 2016-2013 | |
| Kia | Sedona | 2012-2011 | |
| 25218 | | OE Type Heated ZrO2 Sensor | |
| L Length: 27.5 inches (700mm) | | 4 Lead Terminated | |
| Kia | Sedona | 2012-2011 | |
| 25219 | | OE Type Heated ZrO2 Sensor | |
| L Length: 12.25 inches (310mm) | | 4 Lead Terminated | |
| Hyundai | Azera | 2017-2012 | |
| | Santa Fe | 2016-2013 | |
| | Santa Fe XL | 2016-2013 | |
| Kia | Cadenza | 2016-2014 | |
| | Sedona | 2012-2011 | |
| | Sedona | 2015-2014 | |
| | Sorento | 2016-2014 | |
| 25220 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (301mm) | | 4 Lead Terminated | |
| Mercedes-Benz | C300 | 2014-2013 | |
| | C350 | 2014-2012 | |
| | CL63 AMG | 2014-2011 | |
| | CL550 | 2014-2011 | |
| | CLS63 AMG | 2014-2012 | |
| | CLS63 AMG S | 2017-2014 | |
| | CLS550 | 2017-2012 | |
| | E63 AMG | 2015-2012 | |
| | E63 AMG S | 2016-2014 | |
| | E300 | 2013-2012 | |
| | E350 | 2014-2012 | |



| 25220 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|----------------|----------------------------|--|
| L Length: 11.75 inches (301mm) | | 4 Lead Terminated | |
| Mercedes-Benz | E550 | 2017-2012 | |
| | GL63 AMG | 2016-2013 | |
| | GL450 | 2014-2013 | |
| | GL550 | 2016-2013 | |
| | GLE63 AMG | 2017-2016 | |
| | GLE63 AMG S | 2017-2016 | |
| | GLE550 | 2017-2016 | |
| | GLK350 | 2015-2013 | |
| | GLS63 AMG | 2017 | |
| | GLS550 | 2017 | |
| | Maybach S550 | 2017 | |
| | ML63 AMG | 2015-2012 | |
| | ML550 | 2015-2012 | |
| | S63 AMG | 2017-2011 | |
| | S550 | 2017-2012 | |
| | SL63 AMG | 2017-2013 | |
| SL550 | 2016-2013 | | |
| SLK350 | 2014-2012 | | |
| 25221 | | OE Type Heated ZrO2 Sensor | |
| L Length: 22.75 inches (580mm) | | 4 Lead Terminated | |
| Hyundai | Genesis | 2014-2012 | |
| 25222 | | OE Type Heated ZrO2 Sensor | |
| L Length: 13.5 inches (345mm) | | 4 Lead Terminated | |
| Hyundai | Genesis | 2014-2012 | |
| 25223 | | OE Type Heated ZrO2 Sensor | |
| L Length: 17.25 inches (440mm) | | 4 Lead Terminated | |
| Hyundai | Genesis Coupe | 2016-2013 | |
| 25224 | | OE Type Heated ZrO2 Sensor | |
| L Length: 17 inches (430mm) | | 4 Lead Terminated | |
| Hyundai | Sonata | 2016-2015 | |
| Kia | Optima | 2016 | |
| | Sorento | 2016-2015 | |
| 25225 | | OE Type Heated ZrO2 Sensor | |
| L Length: 23 inches (585mm) | | 4 Lead Terminated | |
| Hyundai | Santa Fe Sport | 2016 | |
| | Sonata | 2016-2015 | |
| Kia | Optima | 2016 | |
| | Sorento | 2016 | |
| | Sportage | 2017 | |
| 25226 | | OE Type Heated ZrO2 Sensor | |
| L Length: 9.75 inches (250mm) | | 4 Lead Terminated | |
| Hyundai | Genesis | 2016-2015 | |
| 25227 | | OE Type Heated ZrO2 Sensor | |
| L Length: 9 inches (231mm) | | 4 Lead Terminated | |
| Mercedes-Benz | GL450 | 2016-2015 | |
| | GLE43 AMG | 2017 | |
| | GLE400 | 2017-2016 | |
| | GLE450 AMG | 2016 | |
| | ML400 | 2015 | |
| 25228 | | OE Type Heated ZrO2 Sensor | |
| L Length: 16.75 inches (426mm) | | 4 Lead Terminated | |
| Mercedes-Benz | C350 | 2016-2012 | |
| 25229 | | OE Type Heated ZrO2 Sensor | |
| L Length: 21.25 inches (541mm) | | 4 Lead Terminated | |
| Mercedes-Benz | C43 AMG | 2017 | |
| 25230 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Mercedes-Benz | GLE550e | 2017-2016 | |
| 25231 | | OE Type Heated ZrO2 Sensor | |
| L Length: 19.75 inches (501mm) | | 4 Lead Terminated | |
| Mercedes-Benz | C43 AMG | 2017 | |

| 25232 | | OE Type Heated ZrO2 Sensor | |
|---------------------------------|---------------------|----------------------------|--|
| L Length: 35.5 inches (901mm) | | 4 Lead Terminated | |
| Mercedes-Benz | C63 AMG | 2017-2016 | |
| | C63 AMG S | 2017-2015 | |
| | G550 | 2018-2016 | |
| | G550 4x4 | 2018-2017 | |
| 25233 | | OE Type Heated ZrO2 Sensor | |
| L Length: 42.75 inches (1086mm) | | 4 Lead Terminated | |
| Audi | A3 Sportback e-tron | 2017-2016 | |
| 25234 | | OE Type Heated ZrO2 Sensor | |
| L Length: 13.75 inches (351mm) | | 4 Lead Terminated | |
| Mercedes-Benz | C400 | 2015 | |
| | C450 AMG | 2016 | |
| 25235 | | OE Type Heated ZrO2 Sensor | |
| L Length: 13.75 inches (351mm) | | 4 Lead Terminated | |
| Mercedes-Benz | SL550 | 2017 | |
| 25236 | | OE Type Heated ZrO2 Sensor | |
| L Length: 15 inches (381mm) | | 4 Lead Terminated | |
| Mercedes-Benz | AMG GT | 2017 | |
| | AMG GT S | 2017-2016 | |
| | GL450 | 2016 | |
| | GLE43 AMG | 2017 | |
| | GLE400 | 2017-2016 | |
| | GLE450 AMG | 2016 | |
| GLE550e | 2017-2016 | | |
| 25237 | | OE Type Heated ZrO2 Sensor | |
| L Length: 37.75 inches (956mm) | | 4 Lead Terminated | |
| Volkswagen | Jetta | 2016 | |
| 25238 | | OE Type Heated ZrO2 Sensor | |
| L Length: 17 inches (431mm) | | 4 Lead Terminated | |
| Audi | A8 Quattro | 2017-2015 | |
| 25239 | | OE Type Heated ZrO2 Sensor | |
| L Length: 9.75 inches (250mm) | | 4 Lead Terminated | |
| Kia | K900 | 2016-2015 | |
| 25240 | | OE Type Heated ZrO2 Sensor | |
| L Length: 24 inches (610mm) | | 4 Lead Terminated | |
| Hyundai | Santa Fe Sport | 2016 | |
| Kia | Sorento | 2016-2015 | |
| | Sportage | 2017 | |
| 25241 | | OE Type Heated ZrO2 Sensor | |
| L Length: 13 inches (330mm) | | 4 Lead Terminated | |
| Hyundai | Genesis | 2016-2015 | |
| 25242 | | OE Type Heated ZrO2 Sensor | |
| L Length: 12.75 inches (325mm) | | 4 Lead Terminated | |
| Kia | Sedona | 2016-2015 | |
| 25244 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.25 inches (286mm) | | 4 Lead Terminated | |
| Audi | A6 Quattro | 2017-2016 | |
| | A7 Quattro | 2017-2016 | |
| | A8 Quattro | 2017-2015 | |
| | Q7 | 2017 | |
| 25245 | | OE Type Heated ZrO2 Sensor | |
| L Length: 30 inches (765mm) | | 4 Lead Terminated | |
| Kia | Sedona | 2016-2014 | |
| 25246 | | OE Type Heated ZrO2 Sensor | |
| L Length: 12.5 inches (315mm) | | 4 Lead Terminated | |
| Kia | K900 | 2016-2015 | |
| 25247 | | OE Type Heated ZrO2 Sensor | |
| L Length: 10 inches (255mm) | | 4 Lead Terminated | |
| Hyundai | Genesis | 2016-2015 | |



| | | | |
|---------------------------------|-------------|-------------------------------------|--|
| 25248 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (301mm) | | 4 Lead Terminated | |
| Mercedes-Benz | C350 | 2016-2012 | |
| 25249 | | OE Type Heated ZrO2 Sensor | |
| L Length: 10.25 inches (260mm) | | 4 Lead Terminated | |
| Genesis | G90 | 2017 | |
| 25499 | | OE Type Heated ZrO2 Sensor | |
| L Length: 34.75 inches (885mm) | | 3 Lead Terminated | |
| Alfa Romeo | GTV-6 | 1986-1983 | |
| | Milano | 1987 | |
| | Spider | 1989-1986 | |
| 25500 | | OE Type Unheated ZrO2 Sensor | |
| L Length: 20 inches (510mm) | | 1 Lead Terminated | |
| Porsche | 911 | 1983-1979 | |
| | 924 | 1982-1980 | |
| | 928 | 1982-1980 | |
| 25501 | | OE Type Unheated ZrO2 Sensor | |
| L Length: 19 inches (480mm) | | 1 Lead Terminated | |
| Volkswagen | Transporter | 1979 | |
| | Transporter | 1985 | |
| | Vanagon | 1983-1980 | |
| 25503 | | OE Type Unheated ZrO2 Sensor | |
| L Length: 34 inches (865mm) | | 1 Lead Terminated | |
| Porsche | 944 | 1985-1983 | |
| 25504 | | OE Type Heated ZrO2 Sensor | |
| L Length: 23.75 inches (605mm) | | 3 Lead Terminated | |
| Volkswagen | Cabriolet | 1993-1990 | |
| | Corrado | 1992-1991 | |
| | EuroVan | 1996-1992 | |
| | Fox | 1993-1991 | |
| | Golf | 1992-1991 | |
| | Jetta | 1992-1991 | |
| | Transporter | 1993-1992 | |
| 25505 | | OE Type Heated ZrO2 Sensor | |
| L Length: 21.25 inches (540mm) | | 3 Lead Terminated | |
| BMW | 325 | 1988-1986 | |
| | 325e | 1987-1984 | |
| | 325es | 1987-1986 | |
| | 535i | 1986-1985 | |
| | 635CSi | 1986-1985 | |
| | 735i | 1985 | |
| 25506 | | OE Type Heated ZrO2 Sensor | |
| L Length: 21.75 inches (550mm) | | 3 Lead Terminated | |
| Porsche | 911 | 1985-1984 | |
| | 928 | 1987-1983 | |
| 25507 | | OE Type Heated ZrO2 Sensor | |
| L Length: 36.5 inches (925mm) | | 3 Lead Terminated | |
| Porsche | 924 | 1988-1987 | |
| | 944 | 1988-1983 | |
| 25509 | | OE Type Heated ZrO2 Sensor | |
| L Length: 36.75 inches (935mm) | | 3 Lead Terminated | |
| Porsche | 924 | 1988-1987 | |
| | 944 | 1991-1986 | |
| | 968 | 1995-1992 | |
| 25510 | | OE Type Heated ZrO2 Sensor | |
| L Length: 28.75 inches (730mm) | | 3 Lead Terminated | |
| BMW | 318i | 1985 | |
| | M3 | 1991-1988 | |
| 25511 | | OE Type Heated ZrO2 Sensor | |
| L Length: 65.75 inches (1670mm) | | 3 Lead Terminated | |
| Volvo | 240 | 1993-1990 | |
| | 244 | 1989 | |
| | 245 | 1989 | |
| 25511 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
| L Length: 65.75 inches (1670mm) | | 3 Lead Terminated | |
| Volvo | 740 | 1992-1989 | |
| | 760 | 1990-1987 | |
| | 780 | 1990-1987 | |
| | 940 | 1993-1992 | |
| | 960 | 1994-1992 | |
| 25512 | | OE Type Heated ZrO2 Sensor | |
| L Length: 69.25 inches (1760mm) | | 3 Lead Terminated | |
| BMW | 535i | 1987 | |
| | 635CSi | 1988-1987 | |
| | L6 | 1987 | |
| | L7 | 1987 | |
| | M5 | 1988 | |
| | M6 | 1987 | |
| 25515 | | OE Type Heated ZrO2 Sensor | |
| L Length: 20.25 inches (515mm) | | 3 Lead Terminated | |
| Peugeot | 505 | 1991-1986 | |
| 25516 | | OE Type Heated ZrO2 Sensor | |
| L Length: 28.75 inches (730mm) | | 3 Lead Terminated | |
| Porsche | 911 | 1994-1984 | |
| | 928 | 1991-1988 | |
| | 928 | 1995-1993 | |
| | 944 | 1990-1986 | |
| | | | |
| 25517 | | OE Type Heated ZrO2 Sensor | |
| L Length: 14.25 inches (360mm) | | 3 Lead Terminated | |
| Mercedes-Benz | 300TE | 1993-1990 | |
| 25518 | | OE Type Heated ZrO2 Sensor | |
| L Length: 73.75 inches (1875mm) | | 3 Lead Terminated | |
| Volvo | 940 | 1995-1994 | |
| 25520 | | OE Type Heated ZrO2 Sensor | |
| L Length: 17.75 inches (450mm) | | 3 Lead Terminated | |
| Mercedes-Benz | 300SL | 1993-1990 | |
| | 500SL | 1992-1990 | |
| 25521 | | OE Type Heated ZrO2 Sensor | |
| L Length: 19 inches (480mm) | | 3 Lead Terminated | |
| Saab | 900 | 1995-1994 | |
| | 9000 | 1995 | |
| 25522 | | OE Type Heated ZrO2 Sensor | |
| L Length: 35.75 inches (910mm) | | 3 Lead Terminated | |
| Volvo | 940 | 1995-1994 | |
| 25523 | | OE Type Heated ZrO2 Sensor | |
| L Length: 49.75 inches (1265mm) | | 3 Lead Terminated | |
| Saab | 9000 | 1993-1992 | |
| 25524 | | OE Type Heated ZrO2 Sensor | |
| L Length: 31.5 inches (800mm) | | 3 Lead Terminated | |
| Audi | S4 | 1994-1992 | |
| | S6 | 1997-1995 | |
| | V8 Quattro | 1991-1990 | |
| 25525 | | OE Type Heated ZrO2 Sensor | |
| L Length: 16.75 inches (425mm) | | 3 Lead Terminated | |
| Audi | A4 | 1997-1996 | |
| | A4 Quattro | 1997-1996 | |
| 25526 | | OE Type Heated ZrO2 Sensor | |
| L Length: 38.75 inches (985mm) | | 3 (w/Grd Strap) Lead Terminated | |
| Volkswagen | Passat | 1993-1991 | |
| 25527 | | OE Type Heated ZrO2 Sensor | |
| L Length: 56 inches (1425mm) | | 4 Lead Terminated | |
| BMW | 525i | 1995-1991 | |
| | 525iT | 1993 | |
| 25528 | | OE Type Heated ZrO2 Sensor | |
| L Length: 61.75 inches (1570mm) | | 4 Lead Terminated | |
| BMW | 735i | 1987-1986 | |



| 25528 (Cont'd) OE Type Heated ZrO2 Sensor | |
|---|-------------------------|
| L Length: 61.75 inches (1570mm) 4 Lead Terminated | |
| BMW | L6 1987 L7 1987-1986 |

| 25529 OE Type Heated ZrO2 Sensor | |
|--|--|
| L Length: 24.75 inches (630mm) 4 Lead Terminated | |
| BMW | 318is 1992 325i 1993-1988 325is 1991-1988 325iX 1991-1988 850CSi 1995-1994 |

| 25530 OE Type Heated ZrO2 Sensor | |
|---|------------------------------|
| L Length: 32.5 inches (825mm) 4 Lead Terminated | |
| BMW | 318i 1992-1991 318is 1991 |

| 25531 OE Type Heated ZrO2 Sensor | |
|---|---------------|
| L Length: 48.25 inches (1225mm) 4 Lead Terminated | |
| Peugeot | 405 1991-1989 |

| 25533 OE Type Heated ZrO2 Sensor | |
|---|--|
| L Length: 20 inches (505mm) 4 Lead Terminated | |
| BMW | 750iL 1994-1988 850Ci 1994-1993 850i 1992-1991 |

| 25534 OE Type Heated ZrO2 Sensor | |
|--|--|
| L Length: 13.75 inches (350mm) 4 Lead Terminated | |
| Mercedes-Benz | 300E 1993-1990 300SE 1993-1992 400E 1993-1992 400SE 1992 400SEL 1993 500E 1993-1992 500SEC 1993 500SEL 1993-1992 500SL 1993 600SEC 1993 600SEL 1993-1992 600SL 1993 C36 AMG 1996-1995 C280 1996-1994 E420 1995-1994 E500 1994 S320 1994 S420 1995-1994 S500 1995-1994 S600 1995-1994 SL320 1995-1994 SL500 1995-1994 SL600 1995-1994 |

| 25536 OE Type Heated ZrO2 Sensor | |
|--|--|
| L Length: 25.25 inches (640mm) 4 Lead Terminated | |
| Mercedes-Benz | C36 AMG 1996-1995 C220 1996-1994 C280 1995 |

| 25537 OE Type Heated ZrO2 Sensor | |
|---|--|
| L Length: 39.75 inches (1010mm) 4 Lead Terminated | |
| Bentley | Turbo R 1994-1993 |
| Rolls-Royce | Corniche IV 1994 Silver Spirit 1995-1993 Silver Spur 1995-1993 |

| 25538 OE Type Heated ZrO2 Sensor | |
|---|---------------------------------------|
| L Length: 80.75 inches (2050mm) 4 Lead Terminated | |
| Saab | 900 1997-1996 |
| Volvo | 850 1997-1994 S70 1998 V70 1998 |

| 25539 OE Type Heated ZrO2 Sensor | |
|---|---|
| L Length: 24.5 inches (625mm) 4 Lead Terminated | |
| Volkswagen | Cabrio 1995 Corrado 1995-1992 Golf 1999-1993 Jetta 1999-1993 Passat 1995-1993 |

| 25540 OE Type Heated ZrO2 Sensor | |
|---|---|
| L Length: 20.5 inches (520mm) 4 Lead Terminated | |
| BMW | 325i 1988-1987 325is 1988-1987 325iX 1988 |

| 25541 OE Type Heated ZrO2 Sensor | |
|---|---|
| L Length: 33.5 inches (850mm) 4 Lead Terminated | |
| BMW | 230i 2018-2017 230i xDrive 2018-2017 330e 2018-2016 330i 2018-2017 330i GT xDrive 2018-2017 330i xDrive 2018-2017 430i 2018-2017 430i Gran Coupe 2018-2017 430i xDrive 2018-2017 430i xDrive Gran Coupe 2018-2017 530e 2018 530e xDrive 2018 530i 2018-2017 530i xDrive 2018-2017 740e xDrive 2018-2017 750i 2018-2016 750i xDrive 2018-2016 750Li xDrive 2018-2017 Alpina B7 2018-2017 M550i xDrive 2018 M760i xDrive 2018-2017 M760Li xDrive 2018 X3 2018 |

| 25542 OE Type Heated ZrO2 Sensor | |
|--|--|
| L Length: 21.75 inches (555mm) 4 Lead Terminated | |
| BMW | 540i 2003-1997 740i 2001-1997 740iL 2001-1996 750iL 1998-1995 840Ci 1997-1996 850Ci 1997-1995 M5 2003-2000 Z3 1998-1996 Z8 2003-2000 |

| 25545 OE Type Heated ZrO2 Sensor | |
|---|-----------|
| L Length: 24.5 inches (620mm) 4 Lead Terminated | |
| Mercedes-Benz | E320 1996 |

| 25546 OE Type Heated ZrO2 Sensor | |
|--|---|
| L Length: 32.25 inches (820mm) 4 Lead Terminated | |
| BMW | M3 2006-2001 Z3 2002-2001 |
| Mercedes-Benz | C43 AMG 2000-1998 C280 2000-1998 CLK320 2000-1998 CLK430 2000-1999 SL500 1998-1996 SL500 2002-2000 |

| 25547 OE Type Heated ZrO2 Sensor | |
|---|---------------------------------------|
| L Length: 23.5 inches (600mm) 4 Lead Terminated | |
| Ferrari | 456 GT 1998-1995 456 GTA 1998-1997 |



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|---|---------------------------|---|--------------------|
| 25547 (Cont'd) OE Type Heated ZrO2 Sensor | | 25560 OE Type Heated ZrO2 Sensor | |
| L Length: 23.5 inches (600mm) 4 Lead Terminated | | L Length: 14.25 inches (360mm) 4 Lead Terminated | |
| Ferrari | 456 M 2001-1999 | BMW | 530i 1995-1994 |
| | 456 M GT 2004-2002 | | 740i 1995 |
| | 456 M GTA 2004-2002 | | 740iL 1995 |
| | 550 Maranello 2002-1997 | | 840Ci 1995-1994 |
| | F50 1997-1995 | | |
| | F355 Berlinetta 1995-1994 | 25561 OE Type Heated ZrO2 Sensor | |
| | F355 GTS 1995-1994 | L Length: 22.75 inches (575mm) 4 Lead Terminated | |
| 25548 OE Type Heated ZrO2 Sensor | | BMW | 530i 1995-1994 |
| L Length: 66.75 inches (1695mm) 4 Lead Terminated | | | 540i 1995-1994 |
| Alfa Romeo | 164 1995-1994 | 25562 OE Type Heated ZrO2 Sensor | |
| 25549 OE Type Heated ZrO2 Sensor | | L Length: 58.75 inches (1495mm) 4 Lead Terminated | |
| L Length: 45 inches (1140mm) 4 Lead Terminated | | BMW | 535i 1993-1988 |
| Audi | A4 1998-1997 | | 535is 1988 |
| | A4 Quattro 1998-1997 | | 635CSi 1989 |
| Volkswagen | Cabrio 1999-1996 | | 735i 1992-1988 |
| | Golf 1999-1996 | | 735iL 1992-1988 |
| | Jetta 1999-1996 | | M5 1993-1991 |
| | Passat 2001-1994 | | M6 1988 |
| 25550 OE Type Heated ZrO2 Sensor | | 25563 OE Type Heated ZrO2 Sensor | |
| L Length: 29.25 inches (740mm) 4 Lead Terminated | | L Length: 16.75 inches (425mm) 4 Lead Terminated | |
| Audi | A4 1999-1997 | Mercedes-Benz | S320 1996-1995 |
| | A4 Quattro 2000-1997 | 25564 OE Type Heated ZrO2 Sensor | |
| | A6 1999-1998 | L Length: 24.75 inches (630mm) 4 Lead Terminated | |
| | A6 Quattro 1999-1998 | Mercedes-Benz | C36 AMG 1997 |
| | A8 1999-1997 | | C230 2000-1997 |
| | A8 Quattro 1999-1997 | | C280 1997 |
| Volkswagen | EuroVan 1997 | | CL500 1999-1998 |
| | EuroVan 2000-1999 | | E55 AMG 2001-1999 |
| | Golf 1999-1995 | | E320 2000-1997 |
| | Jetta 1999-1995 | | E420 1997 |
| | Passat 2000-1995 | | E430 2000-1998 |
| 25552 OE Type Heated ZrO2 Sensor | | | S420 1999-1996 |
| L Length: 68 inches (1725mm) 4 Lead Terminated | | | S500 1999-1996 |
| Audi | A4 1999-1996 | | SL500 2002-1999 |
| | A4 Quattro 1999-1996 | 25565 OE Type Heated ZrO2 Sensor | |
| | A6 1999-1998 | L Length: 13 inches (330mm) 4 Lead Terminated | |
| | A6 Quattro 1999-1998 | BMW | 325i 1995-1992 |
| Volkswagen | Passat 2000-1998 | | 325is 1995-1992 |
| 25554 OE Type Heated ZrO2 Sensor | | | 530i 1994 |
| L Length: 69 inches (1750mm) 4 Lead Terminated | | | 540i 1994 |
| Saab | 9-5 1999 | | 740i 1994-1993 |
| | 9000 1997-1996 | | 740iL 1994-1993 |
| Volvo | 960 1997-1995 | | M3 1995-1994 |
| | S90 1998-1997 | 25567 OE Type Heated ZrO2 Sensor | |
| | V90 1998-1997 | L Length: 12.75 inches (325mm) 4 Lead Terminated | |
| 25555 OE Type Heated ZrO2 Sensor | | Mercedes-Benz | C36 AMG 1997 |
| L Length: 21.25 inches (540mm) 4 Lead Terminated | | | C280 1997 |
| Volvo | 850 1995-1993 | | CL500 2000-1998 |
| 25556 OE Type Heated ZrO2 Sensor | | | CL600 1999-1998 |
| L Length: 38.5 inches (980mm) 4 Lead Terminated | | | E55 AMG 2001-1999 |
| Mercedes-Benz | C220 1996-1995 | | E320 2000-1998 |
| 25557 OE Type Heated ZrO2 Sensor | | | E420 1997 |
| L Length: 20.75 inches (525mm) 4 Lead Terminated | | | E430 2000-1998 |
| Volvo | 850 1993 | | ML55 AMG 2003-2000 |
| 25558 OE Type Heated ZrO2 Sensor | | | ML320 2000-1998 |
| L Length: 26.25 inches (665mm) 4 Lead Terminated | | | ML430 2000-1999 |
| Volkswagen | Passat 1995 | | S420 1999-1996 |
| 25559 OE Type Heated ZrO2 Sensor | | | S430 2000 |
| L Length: 24.25 inches (615mm) 4 Lead Terminated | | | S500 2000-1996 |
| BMW | 528e 1988 | | S600 1999-1996 |
| | | | SL500 1999-1996 |
| | | | SL600 2002-1996 |
| | | | SLK230 1999-1998 |



| 25568 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|-----------|----------------------------|--|
| L Length: 19 inches (480mm) | | 4 Lead Terminated | |
| Mercedes-Benz | CL500 | 2000-1998 | |
| | CL600 | 1999-1998 | |
| | E55 AMG | 2001-1999 | |
| | E320 | 2000-1998 | |
| | S320 | 1999-1997 | |
| | S420 | 1999-1996 | |
| | S430 | 2000 | |
| | S500 | 2000-1996 | |
| | S600 | 1999-1996 | |
| | SL320 | 1997 | |
| SL500 | 2002-2000 | | |

| 25569 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-------------|----------------------------|--|
| L Length: 13.75 inches (350mm) | | 4 Lead Terminated | |
| BMW | 318i | 1999-1996 | |
| | 318is | 1999-1996 | |
| | 318ti | 1999-1996 | |
| | 320i | 2005-2001 | |
| | 323Ci | 2000 | |
| | 323i | 2000-1999 | |
| | 325Ci | 2003-2001 | |
| | 325i | 2003-2001 | |
| | 325xi | 2005-2001 | |
| | 328Ci | 2000 | |
| | 328i | 2000-1999 | |
| | 330Ci | 2003-2001 | |
| | 330i | 2003-2001 | |
| | 330xi | 2005-2001 | |
| | 525i | 2003-2001 | |
| | 528i | 2000-1999 | |
| | 530i | 2003-2001 | |
| | 540i | 2003-1997 | |
| | 740i | 2001-1997 | |
| | 740iL | 2001-1996 | |
| | 750iL | 2001-1995 | |
| | 840Ci | 1997-1996 | |
| | 850Ci | 1997-1995 | |
| | M5 | 2003-2000 | |
| | X3 | 2006-2004 | |
| | X5 | 2006-2000 | |
| | Z3 | 2002-1996 | |
| Z4 | 2005-2003 | | |
| Z8 | 2003-2000 | | |
| Land Rover | Range Rover | 2005-2003 | |

| 25570 | | OE Type Heated ZrO2 Sensor | |
|-------------------------------|------|----------------------------|--|
| L Length: 17.5 inches (445mm) | | 4 Lead Terminated | |
| Mercedes-Benz | S320 | 1995-1994 | |

| 25571 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-------|----------------------------|--|
| L Length: 36.75 inches (935mm) | | 4 Lead Terminated | |
| BMW | 318i | 1992-1991 | |
| | 318is | 1991 | |

| 25572 | | OE Type Unheated ZrO2 Sensor | |
|--------------------------------|-------------|------------------------------|--|
| L Length: 10.75 inches (270mm) | | 1 Lead Terminated | |
| Jaguar | Vanden Plas | 1987-1982 | |
| | XJ6 | 1987-1979 | |
| Nissan | 200SX | 1988-1980 | |
| | 200SX | 1996-1995 | |
| | 240SX | 1995-1989 | |
| | 280ZX | 1983-1979 | |
| | 720 | 1986-1983 | |
| | 810 | 1981-1977 | |
| | Altima | 1996-1993 | |
| | Axxess | 1995-1990 | |
| | D21 | 1994-1986 | |
| | Maxima | 1984-1981 | |

| 25572 (Cont'd) | | OE Type Unheated ZrO2 Sensor | |
|--------------------------------|------------|------------------------------|--|
| L Length: 10.75 inches (270mm) | | 1 Lead Terminated | |
| Nissan | Micra | 1991-1986 | |
| | Multi | 1988-1986 | |
| | NX | 1993-1991 | |
| | Pathfinder | 1988-1987 | |
| | Pickup | 1996-1995 | |
| | Pulsar | 1983 | |
| | Pulsar NX | 1986-1983 | |
| | Pulsar NX | 1990-1988 | |
| | Sentra | 1996-1982 | |
| | Stanza | 1989-1984 | |
| | Stanza | 1992 | |
| | Van | 1988-1987 | |
| Subaru | Justy | 1987 | |
| Triumph | TR7 | 1982-1979 | |
| | TR8 | 1982-1980 | |

| 25573 | | OE Type Unheated ZrO2 Sensor | |
|--------------------------------|-------------|------------------------------|--|
| L Length: 21.75 inches (550mm) | | 2 Lead Terminated | |
| Jaguar | Vanden Plas | 1998 | |
| | XJ8 | 1998 | |
| | XJR | 1998 | |
| | XK8 | 1999-1997 | |

| 25574 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-------|----------------------------|--|
| L Length: 38.75 inches (985mm) | | 3 Lead Terminated | |
| Volkswagen | Golf | 1992-1988 | |
| | Jetta | 1992-1987 | |

| 25576 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-------------|----------------------------|--|
| L Length: 26.75 inches (680mm) | | 3 Lead Terminated | |
| Volkswagen | Transporter | 1991-1986 | |
| | Vanagon | 1991-1986 | |

| 25577 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|--------|----------------------------|--|
| L Length: 10.25 inches (260mm) | | 3 Lead Terminated | |
| Hyundai | Accent | 1995 | |

| 25578 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------|----------------------------|--|
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated | |
| Hyundai | Elantra | 1993-1992 | |
| | Sonata | 1993-1992 | |
| Mitsubishi | Galant | 1992-1991 | |

| 25579 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|-----|----------------------------|--|
| L Length: 20 inches (505mm) | | 4 Lead Terminated | |
| Volvo | 850 | 1994-1993 | |

| 25580 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|-----|----------------------------|--|
| L Length: 35 inches (890mm) | | 4 Lead Terminated | |
| Porsche | 911 | 1998-1995 | |
| Volvo | C70 | 1998 | |
| | S70 | 1998 | |
| | V70 | 1998 | |

| 25581 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-----|----------------------------|--|
| L Length: 29.25 inches (740mm) | | 4 Lead Terminated | |
| Porsche | 911 | 2001-1995 | |
| Saab | 9-3 | 1999 | |
| | 9-5 | 1999 | |
| | 900 | 1998-1996 | |
| Volvo | 850 | 1997-1994 | |
| | C70 | 1998 | |
| | S70 | 1998 | |
| | V70 | 1998 | |

| 25582 | | OE Type Heated ZrO2 Sensor | |
|---------------------------------|------|----------------------------|--|
| L Length: 43.25 inches (1100mm) | | 4 Lead Terminated | |
| Porsche | 911 | 1994 | |
| Saab | 9-3 | 1999 | |
| | 900 | 1998-1996 | |
| | 9000 | 1998-1996 | |



| | | | |
|---------------------------------|-----------------|-----------------------------------|--|
| 25583 | | OE Type Heated ZrO2 Sensor | |
| L Length: 45.75 inches (1165mm) | | 4 Lead Terminated | |
| Mercedes-Benz | C230 | 2000-1997 | |
| 25585 | | OE Type Heated ZrO2 Sensor | |
| L Length: 84.75 inches (2150mm) | | 4 Lead Terminated | |
| Volvo | 960 | 1997-1996 | |
| | S90 | 1998-1997 | |
| | V90 | 1998-1997 | |
| 25586 | | OE Type Heated ZrO2 Sensor | |
| L Length: 29.25 inches (740mm) | | 4 Lead Terminated | |
| BMW | 318i | 1999-1996 | |
| | 318is | 1999-1996 | |
| | 318ti | 1999-1996 | |
| | 750iL | 2001-1998 | |
| | X5 | 2004-2000 | |
| 25587 | | OE Type Heated ZrO2 Sensor | |
| L Length: 39 inches (990mm) | | 4 Lead Terminated | |
| BMW | 320i | 2005-2001 | |
| | 323Ci | 2000 | |
| | 323i | 2000-1999 | |
| | 325Ci | 2003-2001 | |
| | 325i | 2003-2001 | |
| | 325xi | 2005-2001 | |
| | 328Ci | 2000 | |
| | 328i | 2000-1999 | |
| | 330Ci | 2003-2001 | |
| | 330i | 2003-2001 | |
| | 330xi | 2005-2001 | |
| | 525i | 2003-2001 | |
| | 528i | 2000-1999 | |
| | 530i | 2003-2001 | |
| | X3 | 2006-2004 | |
| | X5 | 2006-2001 | |
| | Z3 | 2002-1998 | |
| Z4 | 2005-2003 | | |
| Land Rover | Range Rover | 2005-2003 | |
| 25588 | | OE Type Heated ZrO2 Sensor | |
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | |
| Audi | A8 Quattro | 2003-2000 | |
| | S8 | 2003-2001 | |
| 25589 | | OE Type Heated ZrO2 Sensor | |
| L Length: 24.5 inches (620mm) | | 4 Lead Terminated | |
| Audi | A4 | 2001-2000 | |
| | A4 Quattro | 2001-2000 | |
| | A6 | 2001-2000 | |
| | A6 Quattro | 2004-2000 | |
| | Allroad Quattro | 2001 | |
| | S4 | 2002-2000 | |
| | S6 | 2003-2002 | |
| Volkswagen | Passat | 2005-2000 | |
| 25590 | | OE Type Heated ZrO2 Sensor | |
| L Length: 33 inches (840mm) | | 4 Lead Terminated | |
| Daewoo | Nubira | 2002-1999 | |
| 25591 | | OE Type Heated ZrO2 Sensor | |
| L Length: 32 inches (810mm) | | 4 Lead Terminated | |
| Volvo | S40 | 2010-2005 | |
| | S60 | 2001 | |
| | S70 | 2000-1999 | |
| | V50 | 2010-2005 | |
| | V70 | 2001-1999 | |
| 25592 | | OE Type Heated ZrO2 Sensor | |
| L Length: 30.25 inches (770mm) | | 4 Lead Terminated | |
| Saab | 9-3 | 2003-2000 | |
| | 9-5 | 2010-2000 | |
| Saturn | L300 | 2005-2001 | |
| 25592 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
| L Length: 30.25 inches (770mm) | | 4 Lead Terminated | |
| Saturn | LS2 | 2000 | |
| | LW2 | 2000 | |
| | LW300 | 2003-2001 | |
| Volvo | C30 | 2013-2007 | |
| | C70 | 2004-1999 | |
| | C70 | 2013-2006 | |
| | S40 | 2011-2004 | |
| | S60 | 2009-2001 | |
| | S60 | 2012 | |
| | S70 | 2000-1999 | |
| | S80 | 2006-2002 | |
| | V50 | 2011-2005 | |
| | V70 | 2007-1999 | |
| | XC70 | 2007-2005 | |
| XC90 | 2006-2003 | | |
| 25593 | | OE Type Heated ZrO2 Sensor | |
| L Length: 64.5 inches (1640mm) | | 4 Lead Terminated | |
| Saab | 9-5 | 2003-2000 | |
| Volvo | S80 | 2001-1999 | |
| 25594 | | OE Type Heated ZrO2 Sensor | |
| L Length: 26 inches (660mm) | | 4 Lead Terminated | |
| Mercedes-Benz | C43 AMG | 2000-1998 | |
| | C280 | 2000-1998 | |
| | CLK320 | 2000-1998 | |
| | CLK430 | 2000-1999 | |
| 25595 | | OE Type Heated ZrO2 Sensor | |
| L Length: 18 inches (460mm) | | 4 Lead Terminated | |
| Mercedes-Benz | SLK230 | 1999-1998 | |
| 25596 | | OE Type Heated ZrO2 Sensor | |
| L Length: 12.75 inches (325mm) | | 4 Lead Terminated | |
| Mercedes-Benz | C43 AMG | 2000-1998 | |
| | C280 | 2000-1998 | |
| | CLK320 | 2000-1998 | |
| | CLK430 | 2000-1999 | |
| 25597 | | OE Type Heated ZrO2 Sensor | |
| L Length: 66.5 inches (1690mm) | | 4 Lead Terminated | |
| Audi | A4 | 2001-2000 | |
| | A4 Quattro | 2001-2000 | |
| | A6 | 2001-2000 | |
| | A6 Quattro | 2004-2000 | |
| | Allroad Quattro | 2001 | |
| | RS6 | 2004-2003 | |
| | S4 | 2002-2000 | |
| S6 | 2003-2002 | | |
| Volkswagen | Passat | 2005-2000 | |
| 25598 | | OE Type Heated ZrO2 Sensor | |
| L Length: 35 inches (890mm) | | 4 Lead Terminated | |
| Volvo | S40 | 2004-2000 | |
| | V40 | 2004-2000 | |
| 25599 | | OE Type Heated ZrO2 Sensor | |
| L Length: 24 inches (610mm) | | 4 Lead Terminated | |
| Mercedes-Benz | C43 AMG | 2000-1998 | |
| | C280 | 2000-1998 | |
| | CLK320 | 2000-1998 | |
| | CLK430 | 2000-1999 | |
| 25601 | | OE Type Heated ZrO2 Sensor | |
| L Length: 10.25 inches (260mm) | | 4 Lead Terminated | |
| Porsche | Boxster | 2002-1997 | |
| 25603 | | OE Type Heated ZrO2 Sensor | |
| L Length: 38.25 inches (970mm) | | 4 Lead Terminated | |
| Volvo | S40 | 2004-2000 | |
| | V40 | 2004-2000 | |



| 25604 OE Type Heated ZrO2 Sensor | |
|--|--|
| L Length: 27.5 inches (700mm) 4 Lead Terminated | |
| Audi | A4 2005 A4 Quattro 2006-2005 TT 2001-2000 TT Quattro 2006-2004 |
| Volkswagen | Beetle 2010-1998 Golf 2006-1999 Golf City 2010-2007 Jetta 2005-1999 Jetta City 2009-2007 Touareg 2006-2004 |
| 25605 OE Type Heated ZrO2 Sensor | |
| L Length: 37 inches (940mm) 4 Lead Terminated | |
| Audi | A4 2006-2000 A4 Quattro 2005-2000 A6 2004-2002 A6 Quattro 2004-2002 A8 Quattro 2006-2004 Allroad Quattro 2005-2002 TT 2006 TT Quattro 2006-2000 |
| Porsche | Cayenne 2006-2003 |
| Volkswagen | Passat 2005-2000 Phaeton 2006-2004 Touareg 2006-2004 |
| 25606 OE Type Heated ZrO2 Sensor | |
| L Length: 8.75 inches (220mm) 4 Lead Terminated | |
| Hyundai | Elantra 2003-2001 Tiburon 2007-2003 Tucson 2009-2005 |
| Kia | Sportage 2010-2005 |
| 25607 OE Type Heated ZrO2 Sensor | |
| L Length: 21.75 inches (550mm) 4 Lead Terminated | |
| Jaguar | S-Type 2005-2003 Super V8 2005 Vanden Plas 2005-1999 XJ8 2005-1999 XJR 2005-1999 XK8 2005-2000 XKR 2005-2000 X-Type 2008-2002 |
| 25608 OE Type Heated ZrO2 Sensor | |
| L Length: 35.5 inches (900mm) 4 Lead Terminated | |
| BMW | M3 2006-2001 Z3 2002-2001 Z4 2008-2006 |
| 25609 OE Type Heated ZrO2 Sensor | |
| L Length: 32.25 inches (820mm) 4 Lead Terminated | |
| BMW | M3 2006-2001 Z3 2002-2001 |
| 25610 OE Type Heated ZrO2 Sensor | |
| L Length: 21.75 inches (550mm) 4 Lead Terminated | |
| Kia | Spectra 2004-2002 |
| 25611 OE Type Heated ZrO2 Sensor | |
| L Length: 23.25 inches (590mm) 4 Lead Terminated | |
| Mercedes-Benz | CLK55 AMG 2002-2001 CLK320 2003-2001 CLK430 2003-2001 |
| 25612 OE Type Heated ZrO2 Sensor | |
| L Length: 16.75 inches (425mm) 4 Lead Terminated | |
| BMW | 323i 2009-2006 525i 2007-2006 525xi 2007-2006 530i 2007-2006 |

| 25612 (Cont'd) OE Type Heated ZrO2 Sensor | |
|--|--|
| L Length: 16.75 inches (425mm) 4 Lead Terminated | |
| BMW | 530xi 2007-2006 550i 2010-2006 650i 2010-2006 750i 2008-2006 750Li 2008-2006 760Li 2008-2007 M3 2013-2008 X5 2013-2007 X6 2014-2010 |
| Mercedes-Benz | CLK55 AMG 2002-2001 CLK320 2003-2001 CLK430 2003-2001 |
| Rolls-Royce | Phantom 2011-2007 |
| 25613 OE Type Heated ZrO2 Sensor | |
| L Length: 19.75 inches (500mm) 4 Lead Terminated | |
| BMW | 1 Series M 2011 128i 2013-2008 135i 2010-2008 323i 2011-2006 325i 2006 325xi 2006 328i 2013-2007 328i xDrive 2013-2009 328xi 2008-2007 330i 2006 330xi 2006 335i 2010-2007 335is 2013-2011 335i xDrive 2010-2009 335xi 2008-2007 525i 2007-2006 525xi 2007-2006 528i 2010-2008 528i xDrive 2010-2009 528xi 2008 530i 2007-2006 530xi 2007-2006 650i 2018 650i Gran Coupe 2018 650i xDrive 2018 650i xDrive Gran Coupe 2018 Alpina B6 xDrive Gran Coupe 2018 M5 2016-2012 M6 2018-2012 M6 Gran Coupe 2018-2014 X1 2011-2010 X3 2010-2007 X5 2010-2007 Z4 2016-2006 |
| Mercedes-Benz | C32 AMG 2004-2002 C55 AMG 2006-2005 C240 2005-2001 C320 2005-2001 CLK55 AMG 2006-2003 CLK320 2005-2003 CLK500 2006-2003 CLS55 AMG 2006 CLS500 2006 E55 AMG 2006-2003 E320 2005-2003 E500 2006-2003 ML500 2007 R500 2007-2006 SL55 AMG 2008-2003 SL500 2006-2003 |



| 25613 (Cont'd) OE Type Heated ZrO2 Sensor | | 25617 (Cont'd) OE Type Heated ZrO2 Sensor | |
|--|-----------------------|--|----------------------|
| L Length: 19.75 inches (500mm) 4 Lead Terminated | | L Length: 18.5 inches (470mm) 4 Lead Terminated | |
| Mercedes-Benz | SLR McLaren 2009-2005 | Mercedes-Benz | E500 2006-2003 |
| 25614 OE Type Heated ZrO2 Sensor | | E550 | 2009-2007 |
| L Length: 29.5 inches (750mm) 4 Lead Terminated | | G55 AMG | 2011-2003 |
| BMW | 535i 2010-2008 | G500 | 2008-2002 |
| | 535i xDrive 2010-2009 | ML320 | 2003-2001 |
| | 535xi 2008 | ML350 | 2005-2003 |
| | 740i 2012-2011 | ML430 | 2001 |
| | 740Li 2012-2011 | ML500 | 2004-2002 |
| | X6 2010-2008 | S55 AMG | 2006-2001 |
| Mercedes-Benz | C240 2005-2003 | S65 AMG | 2013-2006 |
| | C320 2005-2003 | S430 | 2006-2001 |
| | CLK55 AMG 2002-2001 | S500 | 2006-2001 |
| | CLK320 2003-2001 | S600 | 2013-2001 |
| | CLK430 2003-2001 | SL55 AMG | 2008-2003 |
| | SLK55 AMG 2011-2005 | SL65 AMG | 2011-2005 |
| 25616 OE Type Heated ZrO2 Sensor | | SL500 | 2006-2003 |
| L Length: 35.5 inches (900mm) 4 Lead Terminated | | SL600 | 2011-2004 |
| Mercedes-Benz | C32 AMG 2004-2002 | SLK32 AMG | 2004-2002 |
| | C55 AMG 2006-2005 | SLK230 | 2004-2000 |
| | C230 2005-2002 | SLK320 | 2004-2001 |
| | C240 2005-2001 | SLR McLaren | 2009-2005 |
| | C280 2007-2006 | 25618 OE Type Heated ZrO2 Sensor | |
| | C320 2005-2001 | L Length: 44 inches (1120mm) 4 Lead Terminated | |
| | C350 2007-2006 | BMW | M3 2006-2001 |
| | CLK55 AMG 2006-2001 | Z3 | 2002-2001 |
| | CLK320 2005-2001 | Z4 | 2008-2006 |
| | CLK430 2003-2001 | 25619 OE Type Heated ZrO2 Sensor | |
| | CLK500 2006-2003 | L Length: 34.5 inches (875mm) 4 Lead Terminated | |
| | E55 AMG 2002-2001 | Jaguar | XF 2012 |
| | E320 2002-2001 | XFR | 2012 |
| | E320 2005-2004 | XJ | 2012-2010 |
| | E430 2002-2001 | XK | 2015-2010 |
| | E500 2006-2004 | XKR | 2015-2010 |
| | G55 AMG 2011-2003 | XKR-S | 2015-2012 |
| | G500 2008-2002 | Volvo | S40 2006-2005 |
| | ML500 2007 | S60 | 2005-2002 |
| | R500 2007-2006 | S80 | 2010-2007 |
| SLK55 AMG 2011-2005 | V50 | 2006-2005 | |
| | V70 | 2007-2002 | |
| | XC90 | 2014-2005 | |
| 25617 OE Type Heated ZrO2 Sensor | | 25620 OE Type Heated ZrO2 Sensor | |
| L Length: 18.5 inches (470mm) 4 Lead Terminated | | L Length: 15.75 inches (400mm) 4 Lead Terminated | |
| Chrysler | Crossfire 2008-2004 | Jaguar | Vanden Plas 1998 |
| Mercedes-Benz | C32 AMG 2004-2002 | XJ8 | 1998 |
| | C55 AMG 2006-2005 | XJR | 1998 |
| | C230 2002 | XK8 | 1999-1997 |
| | C240 2005-2001 | 25621 OE Type Heated ZrO2 Sensor | |
| | C280 2007-2006 | L Length: 59 inches (1500mm) 4 Lead Terminated | |
| | C320 2005-2001 | Audi | A6 Quattro 2004-2002 |
| | C350 2007-2006 | A8 Quattro | 2009-2005 |
| | CL55 AMG 2006-2001 | Allroad Quattro | 2005-2002 |
| | CL65 AMG 2006-2005 | S4 | 2009-2004 |
| | CL65 AMG 2014-2008 | Bentley | Continental 2003 |
| | CL500 2006-2000 | Volkswagen | Cabrio 2002-2000 |
| | CL600 2014-2001 | EuroVan | 2003-2001 |
| | CLK55 AMG 2006-2003 | Golf | 2004 |
| | CLK320 2005-2003 | Touareg | 2007-2004 |
| | CLK500 2006-2003 | 25622 OE Type Heated ZrO2 Sensor | |
| | CLS55 AMG 2006 | L Length: 35.75 inches (905mm) 4 Lead Terminated | |
| | CLS500 2006 | Audi | A8 Quattro 2006-2004 |
| | E55 AMG 2006-2001 | Volkswagen | Jetta 2005-1999 |
| | E280 2007 | Passat | 2004-2002 |
| | E300 2009-2008 | | |
| | E320 2005-2001 | | |
| | E350 2009-2006 | | |
| | E430 2002-2001 | | |



| 25623 OE Type Heated ZrO2 Sensor | | |
|---|-------------|-------------------|
| L Length: 18.5 inches (470mm) | | 4 Lead Terminated |
| Land Rover | Discovery | 2004-1999 |
| | Freelander | 2004-2002 |
| | Range Rover | 2002-1999 |
| 25624 OE Type Heated ZrO2 Sensor | | |
| L Length: 22.75 inches (580mm) | | 4 Lead Terminated |
| Land Rover | Discovery | 2004-1999 |
| | Freelander | 2005-2002 |
| | Range Rover | 2002-1999 |
| 25627 OE Type Heated ZrO2 Sensor | | |
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated |
| BMW | 545i | 2005-2004 |
| | 645Ci | 2005-2004 |
| | 745i | 2005-2002 |
| | 745Li | 2005-2002 |
| | 760i | 2006-2004 |
| | 760Li | 2006-2003 |
| | Alpina B7 | 2008-2007 |
| | M5 | 2010-2006 |
| | M6 | 2010-2006 |
| | X5 | 2006-2004 |
| Rolls-Royce | Phantom | 2007-2004 |
| 25629 OE Type Heated AFR Sensor | | |
| L Length: 24.75 inches (630mm) | | 4 Lead Terminated |
| Volvo | S60 | 2002-2001 |
| | V70 | 2002-2001 |
| 25630 OE Type Heated AFR Sensor | | |
| L Length: 20.5 inches (520mm) | | 4 Lead Terminated |
| Volvo | S70 | 2000-1999 |
| | V70 | 2000-1999 |
| 25631 OE Type Heated AFR Sensor | | |
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated |
| Jaguar | S-Type | 2005-2003 |
| | Super V8 | 2005 |
| | Vanden Plas | 2005-2004 |
| | XJ8 | 2005-2004 |
| | XJR | 2005-2004 |
| | XK8 | 2005-2003 |
| | XKR | 2005-2003 |
| | X-Type | 2008-2002 |
| 25632 OE Type Heated ZrO2 Sensor | | |
| L Length: 42.75 inches (1085mm) | | 3 Lead Terminated |
| Saab | 900 | 1995-1994 |
| | 9000 | 1995-1994 |
| 25633 OE Type Heated ZrO2 Sensor | | |
| L Length: 19 inches (480mm) | | 4 Lead Terminated |
| Saab | 900 | 1997-1996 |
| | 9000 | 1998-1996 |
| 25634 OE Type Heated ZrO2 Sensor | | |
| L Length: 66.75 inches (1695mm) | | 3 Lead Terminated |
| Volvo | 240 | 1993 |
| 25635 OE Type Heated ZrO2 Sensor | | |
| L Length: 13.75 inches (350mm) | | 3 Lead Terminated |
| Kia | Sportage | 1995 |
| 25636 OE Type Heated ZrO2 Sensor | | |
| L Length: 58.75 inches (1495mm) | | 3 Lead Terminated |
| Saab | 9000 | 1994 |
| 25637 OE Type Heated ZrO2 Sensor | | |
| L Length: 72.5 inches (1840mm) | | 3 Lead Terminated |
| Saab | 9000 | 1993 |

| 25638 OE Type Heated ZrO2 Sensor | | |
|---|-------------------|-------------------|
| L Length: 32.75 inches (830mm) | | 3 Lead Terminated |
| Hyundai | Scoupe | 1995-1993 |
| 25639 OE Type Heated ZrO2 Sensor | | |
| L Length: 34.75 inches (885mm) | | 4 Lead Terminated |
| Ferrari | 512 M | 1995 |
| 25640 OE Type Heated ZrO2 Sensor | | |
| L Length: 34.75 inches (885mm) | | 4 Lead Terminated |
| Volkswagen | Passat | 1995 |
| 25641 OE Type Heated ZrO2 Sensor | | |
| L Length: 34.25 inches (870mm) | | 4 Lead Terminated |
| Audi | A8 Quattro | 2003-2000 |
| | RS6 | 2004-2003 |
| | S8 | 2003-2001 |
| 25642 OE Type Heated ZrO2 Sensor | | |
| L Length: 48.5 inches (1230mm) | | 4 Lead Terminated |
| Audi | 100 | 1994 |
| | 100 Quattro | 1994 |
| | A6 | 1998-1996 |
| 25643 OE Type Heated ZrO2 Sensor | | |
| L Length: 33.75 inches (860mm) | | 4 Lead Terminated |
| Audi | A6 Quattro | 1998-1996 |
| | A8 | 1999-1997 |
| | A8 Quattro | 1999-1997 |
| 25644 OE Type Heated ZrO2 Sensor | | |
| L Length: 56.75 inches (1440mm) | | 4 Lead Terminated |
| Audi | A4 | 1999-1998 |
| | A4 Quattro | 2000-1998 |
| | Cabriolet | 1998-1994 |
| Volkswagen | EuroVan | 1997 |
| | EuroVan | 2000-1999 |
| 25645 OE Type Heated ZrO2 Sensor | | |
| L Length: 63.75 inches (1620mm) | | 4 Lead Terminated |
| Audi | A8 Quattro | 2003-2001 |
| 25646 OE Type Heated ZrO2 Sensor | | |
| L Length: 18.75 inches (475mm) | | 4 Lead Terminated |
| Land Rover | LR2 | 2012-2008 |
| | LR3 | 2009-2005 |
| | LR4 | 2013-2010 |
| | Range Rover | 2009-2006 |
| | Range Rover Sport | 2013-2006 |
| | Volvo | C30 |
| | S40 | 2010-2004 |
| | S60 | 2005-2003 |
| | S60 | 2016-2011 |
| | S80 | 2015-2007 |
| | V50 | 2010-2005 |
| | V60 | 2016-2015 |
| | V70 | 2010-2003 |
| | XC60 | 2016-2010 |
| | XC70 | 2015-2008 |
| | XC90 | 2011-2005 |
| 25648 OE Type Heated ZrO2 Sensor | | |
| L Length: 24.5 inches (620mm) | | 4 Lead Terminated |
| Mini | Cooper | 2008-2002 |
| 25649 OE Type Heated ZrO2 Sensor | | |
| L Length: 18.25 inches (465mm) | | 4 Lead Terminated |
| Bentley | Arnage | 2004-2003 |
| Volkswagen | Beetle | 2010-2005 |
| | Jetta | 2005-2003 |
| 25650 OE Type Heated ZrO2 Sensor | | |
| L Length: 28.75 inches (730mm) | | 4 Lead Terminated |
| Rolls-Royce | Corniche II | 1991 |
| | Silver Spirit | 1991 |



| | | | | |
|---------------------------------|---------------|-----------------------------------|----------------------------------|--|
| 25651 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 17.25 inches (440mm) | | 4 Lead Terminated | | |
| Jaguar | XJ12 | 1996-1995 | | |
| | XJS | 1995 | | |
| 25652 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | | |
| Porsche | Boxster | 2002-2000 | | |
| 25653 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 22.75 inches (580mm) | | 4 Lead Terminated | | |
| Chevrolet | Cruze | 2015-2011 | | |
| | Cruze Limited | 2016 | | |
| | Sonic | 2018-2012 | | |
| Porsche | 911 | 2005-2001 | | |
| | Macan | 2017-2015 | | |
| Saab | 9-5 | 2011 | | |
| 25654 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 10.75 inches (270mm) | | 4 Lead Terminated | | |
| Porsche | Boxster | 2004-2003 | | |
| 25655 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 45 inches (1140mm) | | 4 Lead Terminated | | |
| BMW | X5 | 2006-2004 | | |
| 25656 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 31.5 inches (800mm) | | 4 Lead Terminated | | |
| Audi | A3 | 2011-2008 | | |
| | A3 Quattro | 2009 | | |
| | A4 | 2009-2005 | | |
| | A4 Quattro | 2009-2005 | | |
| | A6 Quattro | 2006-2005 | | |
| | A8 Quattro | 2010-2007 | | |
| | A8 Quattro | 2014-2012 | | |
| | Q7 | 2010-2007 | | |
| | R8 | 2012-2008 | | |
| Porsche | Cayenne | 2010-2008 | | |
| Volkswagen | CC | 2011-2009 | | |
| | Eos | 2011-2009 | | |
| | GTI | 2011-2008 | | |
| | Jetta | 2010-2008 | | |
| | Passat | 2010-2008 | | |
| | Passat CC | 2010-2009 | | |
| | Touareg | 2010-2007 | | |
| 25657 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 31.5 inches (800mm) | | 4 Lead Terminated | | |
| Audi | A3 | 2013-2011 | | |
| | A3 Quattro | 2013-2012 | | |
| | A4 | 2016-2011 | | |
| | A4 allroad | 2016-2013 | | |
| | A4 Quattro | 2016-2011 | | |
| | A5 | 2014-2012 | | |
| | A5 Quattro | 2017-2012 | | |
| | A6 | 2015-2012 | | |
| | A6 Quattro | 2006-2005 | | |
| | A6 Quattro | 2015-2013 | | |
| | A8 Quattro | 2012 | | |
| | allroad | 2016-2013 | | |
| | Q5 | 2017-2011 | | |
| | RS5 | 2015-2013 | | |
| | S5 | 2012-2008 | | |
| | S6 | 2011-2007 | | |
| | S8 | 2009-2007 | | |
| | TT Quattro | 2013-2012 | | |
| | Porsche | Cayenne | 2017-2011 | |
| | Volkswagen | Beetle | 2014-2012 | |
| CC | | 2017-2009 | | |
| Eos | | 2016-2012 | | |
| Golf | | 2014-2010 | | |
| 25657 (Cont'd) | | OE Type Heated ZrO2 Sensor | | |
| L Length: 31.5 inches (800mm) | | 4 Lead Terminated | | |
| Volkswagen | GTI | 2014-2012 | | |
| | Jetta | 2015-2005 | | |
| | Passat | 2010-2006 | | |
| | Passat | 2014-2012 | | |
| | Passat CC | 2010-2009 | | |
| | Rabbit | 2009-2008 | | |
| Touareg | 2015-2011 | | | |
| 25658 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 39.25 inches (1000mm) | | 4 Lead Terminated | | |
| BMW | 325Ci | 2006-2003 | | |
| | 325i | 2005-2003 | | |
| | 330Ci | 2006-2003 | | |
| | 330i | 2005-2003 | | |
| | 525i | 2005-2004 | | |
| | 530i | 2005-2004 | | |
| | X3 | 2006-2004 | | |
| 25659 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 30.5 inches (775mm) | | 4 Lead Terminated | | |
| Porsche | 911 | 2008-2007 | | |
| | 911 | 2011-2010 | | |
| | Boxster | 2012-2005 | | |
| | Cayenne | 2010-2008 | | |
| | Cayenne | 2017-2015 | | |
| Cayman | 2012-2006 | | | |
| 25660 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 20.75 inches (530mm) | | 4 Lead Terminated | | |
| Land Rover | Freelander | 2005 | | |
| 25661 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 74.75 inches (1900mm) | | 4 Lead Terminated | | |
| Audi | A8 Quattro | 2009-2005 | | |
| 25662 | | OE Type Heated AFR Sensor | | |
| L Length: 30.5 inches (775mm) | | 4 Lead Terminated | | |
| Volvo | C30 | 2010-2007 | | |
| | S40 | 2010-2004 | | |
| | S60 | 2005-2003 | | |
| | S80 | 2010-2007 | | |
| | V50 | 2010-2005 | | |
| | V70 | 2003 | | |
| | V70 | 2006-2005 | | |
| | XC90 | 2011-2005 | | |
| | 25663 | | OE Type Heated AFR Sensor | |
| L Length: 18.75 inches (475mm) | | 4 Lead Terminated | | |
| Volvo | S60 | 2005-2003 | | |
| | V70 | 2007-2003 | | |
| 25666 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | | |
| Chevrolet | Epica | 2005-2004 | | |
| Suzuki | Verona | 2005-2004 | | |
| 25667 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 22.75 inches (580mm) | | 4 Lead Terminated | | |
| Chevrolet | Epica | 2005-2004 | | |
| Suzuki | Verona | 2005-2004 | | |
| 25668 | | OE Type Heated ZrO2 Sensor | | |
| L Length: 18.5 inches (470mm) | | 4 Lead Terminated | | |
| Volkswagen | Golf | 2011-2010 | | |
| | Jetta | 2009-2005 | | |
| | Rabbit | 2009-2006 | | |
| 25669 | | OE Type Heated AFR Sensor | | |
| L Length: 18 inches (460mm) | | 4 Lead Terminated | | |
| Mazda | 3 | 2009-2004 | | |
| | 3 Sport | 2009 | | |



| 25670 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------|----------------------------|-----------|
| L Length: 32.25 inches (820mm) | | 4 Lead Terminated | |
| Mazda | 2 | | 2014-2011 |
| | 3 | | 2009-2004 |
| | 3 Sport | | 2009 |
| | 6 | | 2008-2006 |

| 25671 | | OE Type Heated ZrO2 Sensor | |
|-----------------------------|---------------|----------------------------|-----------|
| L Length: 13 inches (330mm) | | 4 Lead Terminated | |
| Hyundai | Azera | | 2011-2006 |
| | Entourage | | 2010-2007 |
| | Genesis | | 2011-2009 |
| | Genesis Coupe | | 2012-2010 |
| | Santa Fe | | 2009-2007 |
| | Sonata | | 2010-2006 |
| | Veracruz | | 2012-2007 |
| Kia | Amanti | | 2009-2007 |
| | Borrego | | 2011-2009 |
| | Sedona | | 2010-2006 |
| | Sorento | | 2009-2007 |

| 25672 | | OE Type Heated ZrO2 Sensor | |
|-------------------------------|-----------|----------------------------|-----------|
| L Length: 29.5 inches (750mm) | | 4 Lead Terminated | |
| Hyundai | Azera | | 2011-2006 |
| | Entourage | | 2010-2007 |
| | Genesis | | 2011-2009 |
| | Santa Fe | | 2009-2007 |
| | Sonata | | 2010-2006 |
| | Veracruz | | 2012-2007 |
| | Kia | Amanti | |
| Sedona | | | 2010-2006 |
| Sorento | | | 2009-2007 |

| 25673 | | OE Type Heated AFR Sensor | |
|--------------------------------|------|---------------------------|-----------|
| L Length: 21.75 inches (550mm) | | 4 Lead Terminated | |
| Mazda | RX-8 | | 2008-2004 |

| 25674 | | OE Type Heated AFR Sensor | |
|-------------------------------|---|---------------------------|------|
| L Length: 24.5 inches (625mm) | | 4 Lead Terminated | |
| Mazda | 6 | | 2005 |

| 25675 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|------------|----------------------------|-----------|
| L Length: 20.75 inches (525mm) | | 4 Lead Terminated | |
| Audi | A3 | | 2010-2006 |
| | A3 Quattro | | 2011-2006 |
| | A8 Quattro | | 2012-2011 |
| | Q7 | | 2010-2007 |
| | RS4 | | 2008-2007 |
| | S6 | | 2011-2007 |
| | S8 | | 2009-2007 |
| | Porsche | Cayenne | |
| Volkswagen | Eos | | 2011-2007 |
| | GTI | | 2011-2006 |
| | Jetta | | 2010-2006 |
| | R32 | | 2008 |
| | Touareg | | 2010-2007 |

| 25676 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-------------|----------------------------|-----------|
| L Length: 21.75 inches (550mm) | | 4 Lead Terminated | |
| BMW | 1 Series M | | 2011 |
| | 128i | | 2013-2008 |
| | 135i | | 2010-2008 |
| | 323i | | 2011-2010 |
| | 325i | | 2006 |
| | 325xi | | 2006 |
| | 328i | | 2013-2007 |
| | 328i xDrive | | 2013-2009 |
| | 328xi | | 2008-2007 |
| | 330i | | 2006 |
| | 330xi | | 2006 |
| | 335i | | 2010-2007 |

| 25676 (Cont'd) | | OE Type Heated ZrO2 Sensor | | |
|--------------------------------|-----------------------------|----------------------------|-----------|-----------|
| L Length: 21.75 inches (550mm) | | 4 Lead Terminated | | |
| BMW | 335is | | 2013-2011 | |
| | 335i xDrive | | 2010-2009 | |
| | 335xi | | 2008-2007 | |
| | 528i | | 2010-2008 | |
| | 528i xDrive | | 2010-2009 | |
| | 528xi | | 2008 | |
| | 535i | | 2010-2008 | |
| | 535i xDrive | | 2010-2009 | |
| | 535xi | | 2008 | |
| | 550i | | 2016-2006 | |
| | 550i GT | | 2015-2010 | |
| | 550i GT xDrive | | 2017-2010 | |
| | 550i xDrive | | 2016-2011 | |
| | 650i | | 2010-2006 | |
| | 650i | | 2017-2012 | |
| | 650i Gran Coupe | | 2017-2013 | |
| | 650i xDrive | | 2017-2012 | |
| | 650i xDrive Gran Coupe | | 2017-2013 | |
| | 740i | | 2012-2011 | |
| | 740Li | | 2012-2011 | |
| | 750i | | 2015-2006 | |
| | 750i xDrive | | 2015-2010 | |
| | 750Li | | 2015-2006 | |
| | 750Li xDrive | | 2015-2010 | |
| | 760Li | | 2015-2010 | |
| | Alpina B6 Gran Coupe | | 2016 | |
| | Alpina B6 xDrive Gran Coupe | | 2017-2015 | |
| | Alpina B7 | | 2015-2011 | |
| | Alpina B7L | | 2015-2011 | |
| | Alpina B7L xDrive | | 2015-2011 | |
| | Alpina B7 xDrive | | 2015-2011 | |
| | X1 | | 2011-2010 | |
| | X3 | | 2010-2007 | |
| | X5 | | 2018-2007 | |
| | X6 | | 2018-2008 | |
| | Z4 | | 2016-2006 | |
| | Rolls-Royce | Ghost | | 2011-2010 |

| 25677 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|-------|----------------------------|-----------|
| L Length: 10.75 inches (275mm) | | 4 Lead Terminated | |
| Mercedes-Benz | SL320 | | 1997-1994 |

| 25678 | | OE Type Heated ZrO2 Sensor | |
|--------------------------------|---------------|----------------------------|-----------|
| L Length: 18.75 inches (475mm) | | 4 Lead Terminated | |
| Hyundai | Genesis | | 2011-2009 |
| | Genesis Coupe | | 2012-2010 |
| | Santa Fe | | 2009-2007 |
| | Veracruz | | 2012-2007 |
| Kia | Borrego | | 2011-2009 |
| | Sorento | | 2009-2007 |

| 25679 | | OE Type Heated AFR Sensor | |
|--------------------------------|------------|---------------------------|-----------|
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | |
| Infiniti | G35 | | 2007 |
| | QX56 | | 2010-2007 |
| Nissan | 350Z | | 2007 |
| | Altima | | 2011-2007 |
| | Armada | | 2012-2007 |
| | Cube | | 2009 |
| | Frontier | | 2010-2007 |
| | Maxima | | 2009 |
| | Pathfinder | | 2012-2007 |
| | Rogue | | 2010-2008 |
| | Sentra | | 2012-2007 |
| | Titan | | 2012-2007 |
| | Versa | | 2011-2007 |
| | Xterra | | 2010-2007 |



| | | | | | | | |
|---------------------------------|--------------|-----------------------------------|--|---------------------------------|-------------------|-----------------------------------|--|
| 25679 (Cont'd) | | OE Type Heated AFR Sensor | | 25687 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | | L Length: 51.25 inches (1300mm) | | 4 Lead Terminated | |
| Suzuki | Equator | 2010-2009 | | Audi | TT Quattro | 2015-2012 | |
| 25680 | | OE Type Heated AFR Sensor | | Volkswagen | Beetle | 2013-2012 | |
| L Length: 13.75 inches (350mm) | | 4 Lead Terminated | | | CC | 2017-2010 | |
| Acura | ILX | 2018-2013 | | | Eos | 2016-2012 | |
| | RDX | 2012-2007 | | | Golf | 2014-2012 | |
| | TLX | 2018-2015 | | | Golf R | 2013-2012 | |
| | TSX | 2014-2009 | | | GTI | 2014-2012 | |
| Honda | Accord | 2017-2008 | | | Jetta | 2013-2012 | |
| | Civic | 2015-2012 | | | Passat | 2010 | |
| | Crosstour | 2015-2012 | | | Passat | 2016-2012 | |
| | CR-V | 2018-2010 | | | Touareg | 2009-2007 | |
| | CR-Z | 2016-2011 | | | Touareg | 2016-2011 | |
| | Fit | 2018-2007 | | | | | |
| | Insight | 2014-2010 | | | | | |
| 25681 | | OE Type Heated ZrO2 Sensor | | 25688 | | OE Type Heated ZrO2 Sensor | |
| L Length: 36.5 inches (925mm) | | 4 Lead Terminated | | L Length: 52.25 inches (1325mm) | | 4 Lead Terminated | |
| Audi | R8 | 2012-2008 | | Audi | Q7 | 2010-2007 | |
| | TT | 2009-2008 | | Porsche | Cayenne | 2017-2011 | |
| | TT Quattro | 2011-2008 | | Volkswagen | Touareg | 2009-2007 | |
| 25682 | | OE Type Heated ZrO2 Sensor | | 25689 | | OE Type Heated ZrO2 Sensor | |
| L Length: 33.5 inches (850mm) | | 4 Lead Terminated | | L Length: 43.25 inches (1100mm) | | 4 Lead Terminated | |
| Audi | S6 | 2011-2007 | | Audi | TT | 2006-2000 | |
| Porsche | Cayenne | 2017-2011 | | Volkswagen | Beetle | 2005-1998 | |
| 25683 | | OE Type Heated ZrO2 Sensor | | | Golf | 2006-1999 | |
| L Length: 20.75 inches (525mm) | | 4 Lead Terminated | | | Jetta | 2005-2002 | |
| Hyundai | Elantra | 2012-2009 | | | Phaeton | 2006-2004 | |
| | Tiburon | 2008 | | 25690 | | OE Type Heated AFR Sensor | |
| Kia | Soul | 2011-2010 | | L Length: 14.75 inches (375mm) | | 4 Lead Terminated | |
| 25684 | | OE Type Heated AFR Sensor | | Infiniti | G37 | 2008 | |
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | | Nissan | Murano | 2010-2009 | |
| Suzuki | Grand Vitara | 2013-2009 | | 25691 | | OE Type Heated ZrO2 Sensor | |
| | SX4 | 2009-2007 | | L Length: 33.5 inches (850mm) | | 4 Lead Terminated | |
| 25685 | | OE Type Heated AFR Sensor | | Kia | Sorento | 2009-2007 | |
| L Length: 14.75 inches (375mm) | | 4 Lead Terminated | | 25692 | | OE Type Heated ZrO2 Sensor | |
| Infiniti | EX35 | 2010-2008 | | L Length: 36.5 inches (925mm) | | 4 Lead Terminated | |
| | FX35 | 2010-2009 | | Mitsubishi | Lancer | 2012-2008 | |
| | G35 | 2008 | | | Outlander | 2013-2007 | |
| | G37 | 2010-2009 | | | Outlander Sport | 2012-2011 | |
| | M35 | 2010-2009 | | | RVR | 2012-2011 | |
| | M37 | 2011 | | 25693 | | OE Type Heated ZrO2 Sensor | |
| Nissan | 350Z | 2009-2008 | | L Length: 36.5 inches (925mm) | | 4 Lead Terminated | |
| | 370Z | 2010-2009 | | Mitsubishi | Lancer | 2017-2008 | |
| | Altima | 2013-2007 | | | Outlander | 2018-2008 | |
| | Cube | 2010 | | | Outlander Sport | 2018-2011 | |
| | Frontier | 2012-2011 | | | RVR | 2018-2011 | |
| | GT-R | 2018-2009 | | 25694 | | OE Type Heated ZrO2 Sensor | |
| | Maxima | 2012-2010 | | L Length: 9.75 inches (250mm) | | 4 Lead Terminated | |
| | Pathfinder | 2012-2011 | | Land Rover | LR3 | 2009-2007 | |
| | Rogue | 2013-2008 | | | Range Rover Sport | 2009-2007 | |
| | Rogue Select | 2015-2014 | | 25695 | | OE Type Heated ZrO2 Sensor | |
| | Sentra | 2012-2010 | | L Length: 38.5 inches (975mm) | | 4 Lead Terminated | |
| | Versa | 2012-2010 | | Audi | TT Quattro | 2009-2008 | |
| | Xterra | 2012-2011 | | 25696 | | OE Type Heated ZrO2 Sensor | |
| Suzuki | Equator | 2012-2011 | | L Length: 27.5 inches (700mm) | | 4 Lead Terminated | |
| 25686 | | OE Type Heated AFR Sensor | | Porsche | 911 | 2009-2006 | |
| L Length: 24.5 inches (625mm) | | 4 Lead Terminated | | | 911 | 2011 | |
| Mazda | 6 | 2008-2006 | | | 911 | 2017-2014 | |
| 25687 | | OE Type Heated ZrO2 Sensor | | 25697 | | OE Type Heated AFR Sensor | |
| L Length: 51.25 inches (1300mm) | | 4 Lead Terminated | | L Length: 13.75 inches (350mm) | | 4 Lead Terminated | |
| Audi | A3 | 2013-2012 | | Lexus | ES300 | 1999-1998 | |
| | Q7 | 2010-2007 | | | RX300 | 2003-1999 | |
| | R8 | 2012-2011 | | Toyota | Avalon | 1999-1997 | |
| | R8 | 2015-2014 | | | Camry | 2000-1998 | |
| | | | | | Highlander | 2003-2001 | |



| 25697 (Cont'd) OE Type Heated AFR Sensor | |
|--|--|
| L Length: 13.75 inches (350mm) 4 Lead Terminated | |
| Toyota | RAV4 2000-1998 Sienna 2000-1999 Solara 2000-1999 |

| 25698 OE Type Heated AFR Sensor | |
|--|---|
| L Length: 12.75 inches (325mm) 4 Lead Terminated | |
| Jaguar | S-Type 2008-2006 Super V8 2009-2006 Vanden Plas 2009-2006 XF 2011-2009 XFR 2011-2010 XJ8 2009-2006 XJR 2009-2006 XK 2009-2007 XK8 2006 XKR 2009-2006 |

| 25699 OE Type Heated AFR Sensor | |
|--|-----------------|
| L Length: 16.75 inches (425mm) 4 Lead Terminated | |
| Acura | CSX 2011-2006 |
| Honda | Civic 2011-2006 |

| 25700 OE Type Heated AFR Sensor | |
|--|---|
| L Length: 10.75 inches (275mm) 4 Lead Terminated | |
| Honda | Accord 2015-2014 Civic 2015-2006 HR-V 2018-2016 |

| 25701 OE Type Heated ZrO2 Sensor | |
|--|---------------------------------------|
| L Length: 21.75 inches (550mm) 4 Lead Terminated | |
| Porsche | 911 2005-2002 Carrera GT 2005-2004 |
| Saab | 9-3 2011-2004 9-3X 2011-2010 |

| 25702 OE Type Heated AFR Sensor | |
|--|---|
| L Length: 17.75 inches (450mm) 4 Lead Terminated | |
| Jaguar | Vanden Plas 2003-1999 XJ8 2003-1999 XJR 2003-1999 XK8 2002-2000 XKR 2002-2000 |

| 25704 OE Type Heated AFR Sensor | |
|--|---|
| L Length: 18.75 inches (475mm) 4 Lead Terminated | |
| Land Rover | LR2 2012-2008 |
| Volvo | S60 2016-2011 S60 Cross Country 2016 S80 2016-2007 S90 2018-2017 V60 2016-2015 V60 Cross Country 2016-2015 V70 2010-2008 V90 2018 V90 Cross Country 2018-2017 XC60 2017-2010 XC70 2016-2008 XC90 2014-2007 XC90 2018-2016 |

| 25705 OE Type Heated ZrO2 Sensor | |
|---|---|
| L Length: 48.25 inches (1225mm) 4 Lead Terminated | |
| Audi | A4 2000 A4 Quattro 2000 |
| Volkswagen | Cabrio 2002-2000 Jetta 2005-2004 Passat 2000 Touareg 2007-2004 |

| 25706 OE Type Heated AFR Sensor | |
|---|---|
| L Length: 25.5 inches (650mm) 4 Lead Terminated | |
| Jaguar | XF 2012 XFR 2012 XJ 2012-2010 XK 2015-2010 XKR 2015-2010 XKR-S 2015-2012 |
| Volvo | S40 2010-2007 V50 2010-2007 |

| 25708 OE Type Heated ZrO2 Sensor | |
|--|----------------|
| L Length: 21.75 inches (550mm) 4 Lead Terminated | |
| Hyundai | Elantra 2017 |
| Kia | Soul 2011-2010 |

| 25709 OE Type Heated ZrO2 Sensor | |
|--|-----------------------------------|
| L Length: 15.75 inches (400mm) 4 Lead Terminated | |
| Chevrolet | Aveo 2011-2009 Aveo5 2011-2009 |
| Pontiac | G3 2010-2009 G3 Wave 2009 |
| Suzuki | Swift+ 2009 |

| 25710 OE Type Heated ZrO2 Sensor | |
|--|--|
| L Length: 15.75 inches (400mm) 4 Lead Terminated | |
| Volvo | S60 2016-2013 S60 Cross Country 2016 V60 2016-2015 V60 Cross Country 2016-2015 XC60 2016-2015 XC70 2016 |

| 25711 OE Type Heated ZrO2 Sensor | |
|--|--|
| L Length: 21.75 inches (550mm) 4 Lead Terminated | |
| BMW | 335i 2015-2014 335i GT xDrive 2016-2015 335i xDrive 2015-2014 435i 2016-2014 435i Gran Coupe 2016-2015 435i xDrive 2016-2014 435i xDrive Gran Coupe 2016-2015 535i 2016-2014 535i GT 2017-2014 535i GT xDrive 2017-2014 535i xDrive 2016-2014 640i 2018-2014 640i Gran Coupe 2018-2014 640i xDrive 2018-2014 640i xDrive Gran Coupe 2018-2014 ActiveHybrid 3 2015-2014 ActiveHybrid 5 2016-2014 i3 2018-2014 i3s 2018 M2 2018-2016 M3 2018-2015 M4 2018-2015 M235i 2016-2014 M235i xDrive 2016-2015 X4 2018-2016 X5 2018-2014 X6 2018-2015 |

| 25712 OE Type Heated ZrO2 Sensor | |
|--|-----------------------------------|
| L Length: 13.75 inches (350mm) 4 Lead Terminated | |
| Chevrolet | Aveo 2011-2009 Aveo5 2011-2009 |
| Pontiac | G3 2010-2009 G3 Wave 2009 |
| Suzuki | Swift+ 2009 |



| | | | |
|---|-----------------------------|--|----------------------|
| 25713 OE Type Heated ZrO2 Sensor | | 25725 OE Type Heated ZrO2 Sensor | |
| L Length: 41.25 inches (1050mm) 4 Lead Terminated | | L Length: 26.5 inches (675mm) 4 Lead Terminated | |
| Land Rover | LR4 2013-2010 | Audi | A3 Quattro 2009-2006 |
| | Range Rover 2012-2010 | | A6 Quattro 2011-2007 |
| | Range Rover Sport 2013-2010 | | A8 Quattro 2017-2011 |
| 25714 OE Type Heated ZrO2 Sensor | | | RS4 2008-2007 |
| L Length: 48.25 inches (1225mm) 4 Lead Terminated | | | RS7 2017-2014 |
| Porsche | Boxster 2016-2013 | | S6 2017-2013 |
| | Cayman 2016-2014 | | S7 2017-2013 |
| | Panamera 2016-2010 | | S8 2017-2013 |
| 25715 OE Type Heated ZrO2 Sensor | | Bentley | Continental 2015 |
| L Length: 36.5 inches (925mm) 4 Lead Terminated | | Volkswagen | Eos 2008-2007 |
| Mercedes-Benz | G550 2015-2009 | | Passat 2007-2006 |
| 25716 OE Type Heated ZrO2 Sensor | | | R32 2008 |
| L Length: 31.5 inches (800mm) 4 Lead Terminated | | 25726 OE Type Heated ZrO2 Sensor | |
| Volvo | XC90 2014-2007 | L Length: 38.5 inches (975mm) 3 Lead Terminated | |
| 25717 OE Type Heated ZrO2 Sensor | | Mercedes-Benz | 380SEC 1983-1982 |
| L Length: 49.25 inches (1250mm) 4 Lead Terminated | | | 420SEL 1991-1986 |
| Volvo | S60 2004-2003 | | 560SEC 1991-1986 |
| | S80 2004 | | 560SEL 1991-1986 |
| | V70 2004-2003 | 25727 OE Type Heated ZrO2 Sensor | |
| | XC70 2004-2003 | L Length: 15.75 inches (400mm) 4 Lead Terminated | |
| | XC90 2004-2003 | Buick | Encore 2018-2013 |
| 25718 OE Type Heated ZrO2 Sensor | | | Rendezvous 2004 |
| L Length: 15.75 inches (400mm) 4 Lead Terminated | | Cadillac | CTS 2004-2003 |
| Hyundai | Equus 2016-2011 | | SRX 2011-2010 |
| | Genesis 2016-2009 | Chevrolet | Cruze 2015-2011 |
| Kia | Borrego 2011-2009 | | Cruze Limited 2016 |
| | K900 2016-2015 | | Sonic 2018-2012 |
| 25719 OE Type Heated ZrO2 Sensor | | | Trax 2018-2013 |
| L Length: 32.5 inches (825mm) 4 Lead Terminated | | Pontiac | G8 2009-2008 |
| Porsche | 911 2017-2009 | Porsche | Boxster 2004-2003 |
| | 918 Spyder 2015 | Saab | 9-3 2009-2006 |
| 25720 OE Type Heated ZrO2 Sensor | | | 9-4X 2011 |
| L Length: 19.75 inches (500mm) 4 Lead Terminated | | | 9-5 2011 |
| Jaguar | S-Type 2008-2006 | Saturn | Vue 2003-2002 |
| | Super V8 2009-2006 | 25728 OE Type Heated ZrO2 Sensor | |
| | Vanden Plas 2009-2006 | L Length: 36.5 inches (925mm) 4 Lead Terminated | |
| | XF 2011-2009 | Audi | TT Quattro 2001-2000 |
| | XFR 2011-2010 | Volkswagen | Golf 2005-2002 |
| | XJ8 2009-2006 | | Jetta 2004-2002 |
| | XJR 2009-2006 | 25729 OE Type Heated ZrO2 Sensor | |
| | XK 2009-2007 | L Length: 26.5 inches (675mm) 4 Lead Terminated | |
| | XK8 2006 | Audi | A4 2010-2009 |
| | XKR 2009-2006 | | A4 Quattro 2010-2009 |
| 25721 OE Type Heated ZrO2 Sensor | | | A5 2011-2010 |
| L Length: 25.5 inches (650mm) 4 Lead Terminated | | | A5 Quattro 2011-2010 |
| Lexus | RX330 2006-2004 | | A6 Quattro 2011-2007 |
| | RX350 2015-2007 | | A8 Quattro 2010-2007 |
| | RX400h 2008-2006 | | A8 Quattro 2017-2012 |
| | RX450h 2015-2010 | | Q3 2017-2015 |
| Toyota | Highlander 2016-2004 | | Q3 Quattro 2017-2015 |
| 25722 OE Type Heated ZrO2 Sensor | | | RS7 2017-2014 |
| L Length: 37.5 inches (950mm) 4 Lead Terminated | | | S6 2011-2007 |
| Porsche | Panamera 2016-2010 | | S6 2017-2013 |
| 25723 OE Type Heated ZrO2 Sensor | | | S7 2017-2013 |
| L Length: 13.75 inches (350mm) 4 Lead Terminated | | | S8 2017-2013 |
| Audi | TT Quattro 2002-2000 | Bentley | Continental 2015 |
| Volkswagen | Golf 2004 | Porsche | Cayenne 2017-2011 |
| 25724 OE Type Heated ZrO2 Sensor | | Volkswagen | CC 2010-2009 |
| L Length: 67 inches (1700mm) 4 Lead Terminated | | | Passat 2010-2006 |
| Audi | A8 Quattro 2009-2005 | | Passat CC 2010-2009 |
| | | | Tiguan 2016-2009 |



25730 OE Type Heated ZrO2 Sensor

Table with columns for L Length (29.5 inches / 750mm), 4 Lead Terminated, and a list of car models including BMW (135i, 135is, 335i, etc.) and Kia (X3, X4, X5, X6).

25731 OE Type Heated AFR Sensor

Table with columns for L Length (10.75 inches / 275mm), 4 Lead Terminated, and a list of Land Rover models (LR4, Range Rover, Range Rover Sport).

25732 OE Type Heated ZrO2 Sensor

Table with columns for L Length (24.5 inches / 625mm), 4 Lead Terminated, and a list of car models including Hyundai (Elantra, Sonata) and Kia (Forte, Forte5, Forte Koup).

25733 OE Type Heated ZrO2 Sensor

Table with columns for L Length (29.5 inches / 750mm), 4 Lead Terminated, and a list of car models including Hyundai (Elantra, Tucson) and Kia (Forte, Forte5, Forte Koup, Rondo, Soul).

25734 OE Type Heated ZrO2 Sensor

Table with columns for L Length (42.25 inches / 1075mm), 4 Lead Terminated, and a list of car models including Kia (Soul).

25735 OE Type Heated ZrO2 Sensor

Table with columns for L Length (14.75 inches / 375mm), 4 Lead Terminated, and a list of car models including BMW (528i, X3).

25736 OE Type Heated ZrO2 Sensor

Table with columns for L Length (36.5 inches / 925mm), 4 Lead Terminated, and a list of car models including BMW (335i xDrive, X1).

25737 OE Type Heated ZrO2 Sensor

Table with columns for L Length (52.25 inches / 1325mm), 4 Lead Terminated, and a list of car models including Porsche (Panamera).

25738 OE Type Heated ZrO2 Sensor

Table with columns for L Length (31.5 inches / 800mm), 4 Lead Terminated, and a list of car models including Porsche (Cayenne).

25739 OE Type Heated ZrO2 Sensor

Table with columns for L Length (27.5 inches / 700mm), 4 Lead Terminated, and a list of car models including Hyundai (Accent, Elantra, Sonata, Tucson, Veloster) and Kia (Forte5, Forte Koup, Optima, Rio, Soul).

25740 OE Type Heated ZrO2 Sensor

Table with columns for L Length (25.5 inches / 650mm), 4 Lead Terminated, and a list of car models including BMW (228i, 228i xDrive, 320i, 320i xDrive, 328i, 328i GT xDrive, 328i xDrive, 428i, 428i Gran Coupe, 428i xDrive, 428i xDrive Gran Coupe, 528i, 528i xDrive, X1, X3, X4, X5, Z4).

25741 OE Type Heated ZrO2 Sensor

Table with columns for L Length (19 inches / 485mm), 4 Lead Terminated, and a list of car models including Land Rover (LR2, Range Rover Evoque).

25742 OE Type Heated ZrO2 Sensor

Table with columns for L Length (41.5 inches / 1055mm), 4 Lead Terminated, and a list of car models including Jaguar (XF).

25743 OE Type Heated ZrO2 Sensor

Table with columns for L Length (26.75 inches / 680mm), 4 Lead Terminated, and a list of car models including BMW (M3, M4).

25744 OE Type Heated ZrO2 Sensor

Table with columns for L Length (27.5 inches / 700mm), 4 Lead Terminated, and a list of car models including BMW (i8, X1, X2) and Mini (Cooper, Cooper Clubman, Cooper Countryman).

25745 OE Type Heated ZrO2 Sensor

Table with columns for L Length (18.75 inches / 475mm), 4 Lead Terminated, and a list of car models including Hyundai (Tucson).

25746 OE Type Heated ZrO2 Sensor

Table with columns for L Length (40.25 inches / 1025mm), 4 Lead Terminated, and a list of car models including Hyundai (Veloster).

25747 OE Type Heated ZrO2 Sensor

Table with columns for L Length (35.5 inches / 900mm), 4 Lead Terminated, and a list of car models including Hyundai (Veloster).

25748 OE Type Heated ZrO2 Sensor

Table with columns for L Length (38.5 inches / 975mm), 4 Lead Terminated, and a list of car models including Kia (Soul).



| | | | |
|---------------------------------|--------------------|-----------------------------------|--|
| 25749 | | OE Type Heated ZrO2 Sensor | |
| L Length: 15.75 inches (400mm) | | 4 Lead Terminated | |
| Jaguar | F-Type | 2016 | |
| | XF | 2016-2013 | |
| | XJ | 2016-2013 | |
| 25750 | | OE Type Heated ZrO2 Sensor | |
| L Length: 11.75 inches (300mm) | | 4 Lead Terminated | |
| Jaguar | F-Type | 2016 | |
| 25751 | | OE Type Heated ZrO2 Sensor | |
| L Length: 17.75 inches (450mm) | | 4 Lead Terminated | |
| Jaguar | F-Type | 2016 | |
| 25752 | | OE Type Heated ZrO2 Sensor | |
| L Length: 14.75 inches (375mm) | | 4 Lead Terminated | |
| Jaguar | F-Type | 2016-2014 | |
| | XF | 2016-2013 | |
| | XFR | 2015-2013 | |
| | XFR-S | 2015-2013 | |
| | XJ | 2016-2013 | |
| | XJR | 2016-2014 | |
| Land Rover | Range Rover | 2016-2013 | |
| | Range Rover Sport | 2016-2014 | |
| 25753 | | OE Type Heated ZrO2 Sensor | |
| L Length: 26 inches (660mm) | | 4 Lead Terminated | |
| Jaguar | F-Type | 2016-2014 | |
| | XF | 2016-2013 | |
| | XFR | 2015-2013 | |
| | XFR-S | 2015-2013 | |
| | XJ | 2016-2013 | |
| | XJR | 2016-2014 | |
| Land Rover | LR4 | 2016-2014 | |
| | Range Rover | 2016-2013 | |
| | Range Rover Sport | 2016-2014 | |
| 25754 | | OE Type Heated ZrO2 Sensor | |
| L Length: 20 inches (505mm) | | 4 Lead Terminated | |
| Land Rover | LR4 | 2016-2014 | |
| | Range Rover | 2016-2013 | |
| | Range Rover Sport | 2016-2014 | |
| 25755 | | OE Type Heated ZrO2 Sensor | |
| L Length: 22.75 inches (580mm) | | 4 Lead Terminated | |
| Land Rover | Discovery Sport | 2016-2015 | |
| | LR4 | 2016-2014 | |
| | Range Rover Evoque | 2016-2014 | |
| 25756 | | OE Type Heated ZrO2 Sensor | |
| L Length: 27.5 inches (700mm) | | 4 Lead Terminated | |
| Land Rover | Discovery Sport | 2016-2015 | |
| | Range Rover Evoque | 2016-2014 | |
| 25757 | | OE Type Heated ZrO2 Sensor | |
| L Length: 12.75 inches (325mm) | | 4 Lead Terminated | |
| Infiniti | QX30 | 2018-2017 | |
| Mercedes-Benz | B250 | 2018-2013 | |
| | CLA45 AMG | 2017-2014 | |
| | CLA250 | 2017-2014 | |
| | GLA45 AMG | 2017-2015 | |
| | GLA250 | 2017-2015 | |
| | Maybach S600 | 2017-2016 | |
| | S65 AMG | 2017-2015 | |
| | S600 | 2017-2015 | |
| | SL65 AMG | 2017-2013 | |
| 25758 | | OE Type Heated ZrO2 Sensor | |
| L Length: 19.75 inches (500mm) | | 4 Lead Terminated | |
| Infiniti | Q50 | 2018-2016 | |
| | Q60 | 2018-2017 | |
| Mercedes-Benz | C300 | 2017-2015 | |
| | C350e | 2017-2016 | |
| 25758 (Cont'd) | | OE Type Heated ZrO2 Sensor | |
| L Length: 19.75 inches (500mm) | | 4 Lead Terminated | |
| Mercedes-Benz | E300 | 2017 | |
| | GLC300 | 2017-2016 | |
| | Metris | 2017-2016 | |
| | SL65 AMG | 2013 | |
| | SLC300 | 2017 | |
| | SLK300 | 2016 | |
| 25759 | | OE Type Heated ZrO2 Sensor | |
| L Length: 45.25 inches (1150mm) | | 4 Lead Terminated | |
| Mercedes-Benz | G65 AMG | 2017-2016 | |
| 25760 | | OE Type Heated ZrO2 Sensor | |
| L Length: 57 inches (1450mm) | | 4 Lead Terminated | |
| Porsche | Panamera | 2016-2014 | |
| 25761 | | OE Type Heated ZrO2 Sensor | |
| L Length: 19.75 inches (500mm) | | 4 Lead Terminated | |
| Porsche | 718 Boxster | 2017 | |
| | 911 | 2017 | |
| | Macan | 2017-2015 | |
| 25762 | | OE Type Heated ZrO2 Sensor | |
| L Length: 14.75 inches (375mm) | | 4 Lead Terminated | |
| Volvo | S80 | 2014-2010 | |
| | V70 | 2010 | |
| | XC60 | 2015-2010 | |
| | XC70 | 2015-2010 | |
| 25763 | | OE Type Heated AFR Sensor | |
| L Length: 20.75 inches (525mm) | | 4 Lead Terminated | |
| Volvo | S60 | 2016-2015 | |
| | XC60 | 2017-2015 | |
| 25764 | | OE Type Heated ZrO2 Sensor | |
| L Length: 20.75 inches (525mm) | | 4 Lead Terminated | |
| Audi | A4 allroad | 2017 | |
| | A6 | 2017-2016 | |
| | A6 Quattro | 2017-2016 | |
| Porsche | Macan | 2017 | |
| Volkswagen | Jetta | 2016-2013 | |
| 25765 | | OE Type Heated ZrO2 Sensor | |
| L Length: 28.5 inches (725mm) | | 4 Lead Terminated | |
| Audi | A8 Quattro | 2016-2015 | |
| 25766 | | OE Type Heated ZrO2 Sensor | |
| L Length: 30.5 inches (775mm) | | 4 Lead Terminated | |
| Audi | A3 | 2017-2015 | |
| | A3 Quattro | 2017-2015 | |
| | A8 Quattro | 2016-2015 | |
| | R8 | 2018-2017 | |
| | S3 | 2017-2015 | |
| | TT Quattro | 2017-2016 | |
| Volkswagen | Atlas | 2018 | |
| | Beetle | 2016-2013 | |
| | Golf | 2016-2015 | |
| | Golf R | 2016-2015 | |
| | Golf SportWagen | 2016-2015 | |
| | GTI | 2016-2015 | |
| | Jetta | 2016-2013 | |
| | Passat | 2016-2014 | |
| 25767 | | OE Type Heated ZrO2 Sensor | |
| L Length: 38.5 inches (975mm) | | 4 Lead Terminated | |
| Volkswagen | Jetta | 2016-2013 | |
| 25768 | | OE Type Heated ZrO2 Sensor | |
| L Length: 21.75 inches (550mm) | | 4 Lead Terminated | |
| BMW | 340i | 2018-2016 | |
| | 340i GT xDrive | 2018-2017 | |
| | 340i xDrive | 2018-2016 | |
| | 440i | 2018-2017 | |



| 25768 (Cont'd) OE Type Heated ZrO2 Sensor | |
|--|----------------------------------|
| L Length: 21.75 inches (550mm) 4 Lead Terminated | |
| BMW | 440i Gran Coupe 2018-2017 |
| | 440i xDrive 2018-2017 |
| | 440i xDrive Gran Coupe 2018-2017 |
| | 540i 2018-2017 |
| | 540i xDrive 2018-2017 |
| | 640i xDrive Gran Turismo 2018 |
| | 740i 2018-2016 |
| | 740i xDrive 2018-2017 |
| | M240i 2018-2017 |
| | M240i xDrive 2018-2017 |
| | X3 2018 |
| 27000 OE Type Heated WB Sensor | |
| L Length: 38.5 inches (975mm) 5 Lead Terminated | |
| BMW | 750i 2018-2016 |
| | 750i xDrive 2018-2016 |
| | 750Li xDrive 2018-2017 |
| | Alpina B7 2018-2017 |
| | M550i xDrive 2018 |
| 27001 OE Type Heated WB Sensor | |
| L Length: 19.25 inches (486mm) 5 Lead Terminated | |
| Ford | Fusion 2013 |
| 27002 OE Type Heated WB Sensor | |
| L Length: 22.25 inches (567mm) 5 Lead Terminated | |
| Audi | A4 Quattro 2009 |
| | A5 Quattro 2010-2008 |
| | A6 2011-2010 |
| | A6 Quattro 2015-2009 |
| | A7 Quattro 2015-2012 |
| | Q5 2017-2009 |
| | S4 2016-2010 |
| | S5 2017-2010 |
| | SQ5 2017-2014 |
| 27003 OE Type Heated WB Sensor | |
| L Length: 20.5 inches (520mm) 5 Lead Terminated | |
| Dodge | Dart 2016-2013 |
| 27004 OE Type Heated WB Sensor | |
| L Length: 11 inches (280mm) 5 Lead Terminated | |
| Subaru | Forester 2017-2014 |
| | WRX 2017-2015 |
| 27005 OE Type Heated WB Sensor | |
| L Length: 16.5 inches (422mm) 5 Lead Terminated | |
| Ford | Escape 2013 |
| 27006 OE Type Heated WB Sensor | |
| L Length: 16.5 inches (422mm) 5 Lead Terminated | |
| Ford | Escape 2016-2014 |
| | Transit Connect 2017-2014 |
| 27007 OE Type Heated WB Sensor | |
| L Length: 20.25 inches (517mm) 5 Lead Terminated | |
| Audi | Q7 2015-2011 |
| 27008 OE Type Heated WB Sensor | |
| L Length: 24.5 inches (625mm) 5 Lead Terminated | |
| Mazda | 3 2016-2014 |
| | 3 Sport 2016-2014 |
| 27009 OE Type Heated WB Sensor | |
| L Length: 18.25 inches (461mm) 5 Lead Terminated | |
| Chrysler | 200 2017-2015 |
| | 500X 2018-2016 |
| Jeep | Cherokee 2018-2014 |
| | Compass 2018 |
| | Renegade 2018-2015 |
| Ram | ProMaster City 2018-2015 |

| 27010 OE Type Heated WB Sensor | |
|---|--------------------------------------|
| L Length: 24.25 inches (619mm) 5 Lead Terminated | |
| Audi | A8 Quattro 2014-2013 |
| 27011 OE Type Heated WB Sensor | |
| L Length: 14.25 inches (364mm) 5 Lead Terminated | |
| Dodge | Challenger 2018-2015 |
| | Charger 2018-2015 |
| 27012 OE Type Heated WB Sensor | |
| L Length: 50.75 inches (1292mm) 5 Lead Terminated | |
| Audi | Q7 2015-2011 |
| 27013 OE Type Heated WB Sensor | |
| L Length: 19.25 inches (486mm) 5 Lead Terminated | |
| Ford | Fusion 2016-2014 |
| 27014 OE Type Heated WB Sensor | |
| L Length: 11.5 inches (292mm) 5 Lead Terminated | |
| Ford | E-350 Super Duty 2018-2017 |
| | E-450 Super Duty 2017 |
| | Edge 2018-2015 |
| | Explorer 2017-2016 |
| | Flex 2017-2016 |
| | Mustang 2017-2015 |
| | Police Interceptor Sedan 2018-2016 |
| | Police Interceptor Utility 2018-2016 |
| | Taurus 2017-2016 |
| | Transit-150 2018-2016 |
| | Transit-250 2018-2016 |
| | Transit-350 2018-2016 |
| | Transit-350 HD 2018-2016 |
| Lincoln | Continental 2018-2017 |
| | MKS 2016 |
| | MKT 2018-2016 |
| | MKX 2018-2016 |
| 27015 OE Type Heated WB Sensor | |
| L Length: 17.5 inches (445mm) 5 Lead Terminated | |
| Ford | Transit-150 2015 |
| | Transit-250 2015 |
| | Transit-350 2015 |
| | Transit-350 HD 2015 |
| 27016 OE Type Heated WB Sensor | |
| L Length: 14.75 inches (375mm) 5 Lead Terminated | |
| Buick | Envision 2018-2016 |
| Cadillac | ATS 2018-2016 |
| | CT6 2018-2016 |
| | CTS 2018-2016 |
| Chevrolet | Camaro 2018-2016 |
| | Equinox 2018 |
| | Traverse 2018 |
| GMC | Terrain 2018 |
| 27017 OE Type Heated WB Sensor | |
| L Length: 19.75 inches (500mm) 5 Lead Terminated | |
| Mitsubishi | Outlander Sport 2016-2014 |
| | RVR 2016-2014 |
| 27018 OE Type Heated WB Sensor | |
| L Length: 16.5 inches (422mm) 5 Lead Terminated | |
| Ford | E-350 Super Duty 2017-2016 |
| | E-450 Super Duty 2017-2016 |
| | F-150 2016-2015 |
| | Mustang 2015 |
| 27019 OE Type Heated WB Sensor | |
| L Length: 16.5 inches (422mm) 5 Lead Terminated | |
| Ford | Mustang 2017-2015 |
| 27020 OE Type Heated WB Sensor | |
| L Length: 24.75 inches (628mm) 5 Lead Terminated | |
| Dodge | Dart 2016-2015 |



| | | | |
|--|--------------------------|--|-------------------------------|
| 27020 (Cont'd) OE Type Heated WB Sensor | | 27036 OE Type Heated WB Sensor | |
| L Length: 24.75 inches (628mm) 5 Lead Terminated | | L Length: 23.5 inches (600mm) 5 Lead Terminated | |
| Fiat | 500 2017-2015 | Fiat | 500L 2017-2014 |
| 27021 OE Type Heated WB Sensor | | 27037 OE Type Heated WB Sensor | |
| L Length: 17.5 inches (445mm) 5 Lead Terminated | | L Length: 12.25 inches (310mm) 5 Lead Terminated | |
| Ford | Transit-150 2018-2016 | Cadillac | CT6 2018-2016 |
| | Transit-250 2018-2016 | 27038 OE Type Heated WB Sensor | |
| | Transit-350 2018-2016 | L Length: 28.25 inches (716mm) 5 Lead Terminated | |
| | Transit-350 HD 2018-2016 | Ford | F-150 2015 |
| 27022 OE Type Heated WB Sensor | | 27039 OE Type Heated WB Sensor | |
| L Length: 23 inches (586mm) 5 Lead Terminated | | L Length: 21.5 inches (547mm) 5 Lead Terminated | |
| Ford | Mustang 2017-2015 | Audi | A3 Sportback e-tron 2017-2016 |
| 27023 OE Type Heated WB Sensor | | 27040 OE Type Heated WB Sensor | |
| L Length: 16.5 inches (422mm) 5 Lead Terminated | | L Length: 29.5 inches (747mm) 5 Lead Terminated | |
| Ford | Mustang 2016-2015 | Volkswagen | Jetta 2016 |
| 27024 OE Type Heated WB Sensor | | 27041 OE Type Heated WB Sensor | |
| L Length: 17.5 inches (445mm) 5 Lead Terminated | | L Length: 10.75 inches (270mm) 5 Lead Terminated | |
| Mitsubishi | Outlander 2018-2014 | Acura | RLX 2018-2016 |
| 27025 OE Type Heated WB Sensor | | 27042 OE Type Heated WB Sensor | |
| L Length: 19 inches (480mm) 5 Lead Terminated | | L Length: 9.75 inches (249mm) 5 Lead Terminated | |
| Mitsubishi | Outlander 2016-2014 | Acura | NSX 2018-2017 |
| 27026 OE Type Heated WB Sensor | | 27043 OE Type Heated WB Sensor | |
| L Length: 23.5 inches (600mm) 5 Lead Terminated | | L Length: 23 inches (587mm) 5 Lead Terminated | |
| Mitsubishi | Outlander 2016-2014 | Audi | A6 Quattro 2017-2016 |
| 27027 OE Type Heated WB Sensor | | | A7 Quattro 2017-2016 |
| L Length: 16.25 inches (410mm) 5 Lead Terminated | | | A8 Quattro 2017-2015 |
| Hyundai | Santa Fe Sport 2016 | | Q7 2017 |
| | Sonata 2016-2015 | 27044 OE Type Heated WB Sensor | |
| Kia | Optima 2016 | L Length: 10.75 inches (270mm) 5 Lead Terminated | |
| | Sorento 2016-2015 | Acura | RLX 2018-2016 |
| | Sportage 2017 | 27045 OE Type Heated WB Sensor | |
| 27028 OE Type Heated WB Sensor | | L Length: 24.75 inches (630mm) 5 Lead Terminated | |
| L Length: 10.25 inches (260mm) 5 Lead Terminated | | Jeep | Grand Cherokee 2018-2014 |
| Hyundai | Santa Fe Sport 2016 | Ram | ProMaster 1500 2018-2014 |
| | Sonata 2016-2015 | | ProMaster 2500 2018-2014 |
| Kia | Optima 2016 | | ProMaster 3500 2018-2014 |
| | Sorento 2016 | 27046 OE Type Heated WB Sensor | |
| | Sportage 2017 | L Length: 30.5 inches (775mm) 5 Lead Terminated | |
| 27029 OE Type Heated WB Sensor | | Jaguar | F-Type 2016 |
| L Length: 11.5 inches (289mm) 5 Lead Terminated | | | XF 2016-2013 |
| Dodge | Challenger 2018-2015 | | XJ 2016-2013 |
| | Charger 2018-2017 | 27047 OE Type Heated WB Sensor | |
| Jeep | Grand Cherokee 2018 | L Length: 20.75 inches (525mm) 5 Lead Terminated | |
| 27030 OE Type Heated WB Sensor | | Chevrolet | Cruze 2015-2014 |
| L Length: 18.75 inches (476mm) 5 Lead Terminated | | 27048 OE Type Heated WB Sensor | |
| Ford | Mustang 2018-2015 | L Length: 22.75 inches (575mm) 5 Lead Terminated | |
| 27031 OE Type Heated WB Sensor | | Jaguar | F-Type 2016-2014 |
| L Length: 17.25 inches (437mm) 5 Lead Terminated | | | XF 2016-2013 |
| Ford | Mustang 2018-2015 | | XFR 2015-2013 |
| 27032 OE Type Heated WB Sensor | | | XFR-S 2015-2013 |
| L Length: 9.5 inches (243mm) 5 Lead Terminated | | | XJ 2016-2013 |
| Honda | Civic 2018-2016 | | XJR 2016-2014 |
| 27033 OE Type Heated WB Sensor | | Land Rover | Discovery Sport 2016-2015 |
| L Length: 12.5 inches (320mm) 5 Lead Terminated | | | Range Rover Evoque 2016-2014 |
| Honda | Civic 2018-2016 | 27049 OE Type Heated WB Sensor | |
| | CR-V 2018-2017 | L Length: 25.5 inches (650mm) 5 Lead Terminated | |
| 27034 OE Type Heated WB Sensor | | Audi | A8 Quattro 2014-2012 |
| L Length: 12.5 inches (315mm) 5 Lead Terminated | | Porsche | 718 Boxster 2017 |
| Mazda | MX-5 Miata 2017-2016 | Volkswagen | Beetle 2015 |
| 27035 OE Type Heated WB Sensor | | | Jetta 2015 |
| L Length: 9.75 inches (245mm) 5 Lead Terminated | | 27050 OE Type Heated WB Sensor | |
| Acura | NSX 2018-2017 | L Length: 22.75 inches (575mm) 5 Lead Terminated | |
| | | Audi | A4 allroad 2017 |



| 27050 (Cont'd) OE Type Heated WB Sensor | |
|--|-----------------------------|
| L Length: 22.75 inches (575mm) 5 Lead Terminated | |
| Audi | A8 Quattro 2017-2011 |
| | Q5 2016-2013 |
| | RS5 2015-2013 |
| | RS7 2017-2014 |
| | S6 2017-2013 |
| | S7 2017-2013 |
| | S8 2017-2013 |
| Volkswagen | Beetle 2016-2014 |
| | Jetta 2016-2014 |
| | Passat 2016-2014 |
| 27051 OE Type Heated WB Sensor | |
| L Length: 33.5 inches (850mm) 5 Lead Terminated | |
| BMW | M3 2018-2015 |
| | M4 2018-2015 |
| 27052 OE Type Heated WB Sensor | |
| L Length: 17.75 inches (450mm) 5 Lead Terminated | |
| Audi | A6 2017-2016 |
| | A6 Quattro 2017-2016 |
| Porsche | Macan 2017 |
| Volkswagen | Beetle 2014-2013 |
| | Jetta 2014-2013 |
| 27053 OE Type Heated WB Sensor | |
| L Length: 29.5 inches (750mm) 5 Lead Terminated | |
| BMW | 135i 2013-2011 |
| | 135is 2013 |
| | 335i 2013-2011 |
| | 335i GT xDrive 2014 |
| | 335i xDrive 2013-2011 |
| | 535i xDrive 2012-2011 |
| | ActiveHybrid 3 2013 |
| | X1 2018-2013 |
| | X2 2018 |
| | X3 2017-2011 |
| | X4 2016-2015 |
| Mini | Cooper 2018-2014 |
| | Cooper Clubman 2018-2016 |
| | Cooper Countryman 2018-2017 |
| 27054 OE Type Heated WB Sensor | |
| L Length: 35.5 inches (900mm) 5 Lead Terminated | |
| Audi | A8 Quattro 2014-2012 |
| 27055 OE Type Heated WB Sensor | |
| L Length: 27.5 inches (700mm) 5 Lead Terminated | |
| Audi | A3 2017 |
| | A3 Quattro 2017-2015 |
| | A8 Quattro 2017-2011 |
| | RS7 2017-2014 |
| | S3 2017-2015 |
| | S6 2017-2013 |
| | S7 2017-2013 |
| | S8 2017-2013 |
| | TT Quattro 2017-2016 |
| Volkswagen | Atlas 2018 |
| | Beetle 2016-2015 |
| | Golf R 2016-2015 |
| | GTI 2016-2015 |
| | Jetta 2016-2015 |
| 27056 OE Type Heated WB Sensor | |
| L Length: 27.5 inches (700mm) 5 Lead Terminated | |
| Audi | A3 2016-2015 |
| Volkswagen | Golf 2016-2015 |
| | Golf SportWagen 2016-2015 |

| 27057 OE Type Heated WB Sensor | |
|---|-----------------------------|
| L Length: 29.5 inches (750mm) 5 Lead Terminated | |
| Mercedes-Benz | E250 2016-2014 |
| | GLE300d 2016 |
| | GLK250 2015-2013 |
| | ML250 2015 |
| | S350 2013-2012 |
| 27058 OE Type Heated WB Sensor | |
| L Length: 41.25 inches (1050mm) 5 Lead Terminated | |
| Porsche | Macan 2017-2015 |
| 27059 OE Type Heated WB Sensor | |
| L Length: 35.5 inches (900mm) 5 Lead Terminated | |
| Audi | A8 Quattro 2014-2012 |
| 27060 OE Type Heated WB Sensor | |
| L Length: 46.5 inches (1180mm) 5 Lead Terminated | |
| Porsche | 718 Boxster 2017 |
| 27061 OE Type Heated WB Sensor | |
| L Length: 13.25 inches (335mm) 5 Lead Terminated | |
| Land Rover | LR4 2016-2014 |
| | Range Rover 2016-2013 |
| | Range Rover Sport 2016-2014 |
| 27062 OE Type Heated WB Sensor | |
| L Length: 30.25 inches (770mm) 5 Lead Terminated | |
| Fiat | 500X 2017-2016 |
| Jeep | Renegade 2017-2015 |
| 27063 OE Type Heated WB Sensor | |
| L Length: 25 inches (636mm) 5 Lead Terminated | |
| Ford | F-150 2016-2015 |
| 27064 OE Type Heated WB Sensor | |
| L Length: 16.5 inches (422mm) 5 Lead Terminated | |
| Ford | Escape 2018-2017 |
| 27065 OE Type Heated WB Sensor | |
| L Length: 19.75 inches (504mm) 5 Lead Terminated | |
| Ford | Fusion 2018-2017 |
| 27066 OE Type Heated WB Sensor | |
| L Length: 13.25 inches (335mm) 5 Lead Terminated | |
| Chevrolet | Malibu 2018-2016 |
| 27067 OE Type Heated WB Sensor | |
| L Length: 21.25 inches (540mm) 5 Lead Terminated | |
| Scion | iA 2016 |
| Toyota | Yaris 2018-2016 |
| | Yaris iA 2018-2017 |
| 27068 OE Type Heated WB Sensor | |
| L Length: 24.5 inches (625mm) 5 Lead Terminated | |
| Mazda | CX-3 2017-2016 |
| 27069 OE Type Heated WB Sensor | |
| L Length: 10.75 inches (270mm) 5 Lead Terminated | |
| Mazda | CX-9 2017-2016 |
| 27070 OE Type Heated WB Sensor | |
| L Length: 24 inches (610mm) 5 Lead Terminated | |
| Fiat | 124 Spider 2018-2017 |
| 27071 OE Type Heated WB Sensor | |
| L Length: 13.75 inches (348mm) 5 Lead Terminated | |
| Honda | Accord 2018 |
| 27072 OE Type Heated WB Sensor | |
| L Length: 16.25 inches (412mm) 5 Lead Terminated | |
| Honda | Accord 2018 |
| 27073 OE Type Heated WB Sensor | |
| L Length: 10.5 inches (264mm) 5 Lead Terminated | |
| Honda | Odyssey 2019-2018 |



| | | |
|--------------------------------|--------------------------|---------------------------------|
| 27074 | | OE Type Heated WB Sensor |
| L Length: 11 inches (278mm) | | 5 Lead Terminated |
| Honda | Odyssey | 2019-2018 |
| 27075 | | OE Type Heated WB Sensor |
| L Length: 10 inches (255mm) | | 5 Lead Terminated |
| Honda | Accord | 2018-2017 |
| 27076 | | OE Type Heated WB Sensor |
| L Length: 11.5 inches (290mm) | | 5 Lead Terminated |
| Hyundai | Elantra | 2017 |
| 27077 | | OE Type Heated WB Sensor |
| L Length: 13.75 inches (352mm) | | 5 Lead Terminated |
| Hyundai | Elantra | 2017 |
| 27078 | | OE Type Heated WB Sensor |
| L Length: 19.25 inches (490mm) | | 5 Lead Terminated |
| Hyundai | Ioniq | 2018-2017 |
| Kia | Niro | 2018-2017 |
| 27079 | | OE Type Heated WB Sensor |
| L Length: 17.5 inches (445mm) | | 5 Lead Terminated |
| Ford | F-150 | 2018 |
| 27080 | | OE Type Heated WB Sensor |
| L Length: 24.5 inches (625mm) | | 5 Lead Terminated |
| Ford | F-150 | 2018 |
| 27081 | | OE Type Heated WB Sensor |
| L Length: 16 inches (407mm) | | 5 Lead Terminated |
| Subaru | Ascent | 2019 |
| 27082 | | OE Type Heated WB Sensor |
| L Length: 15 inches (380mm) | | 5 Lead Terminated |
| BMW | 340i | 2018-2016 |
| | 340i GT xDrive | 2018-2017 |
| | 340i xDrive | 2018-2016 |
| | 440i | 2018-2017 |
| | 440i Gran Coupe | 2018-2017 |
| | 440i xDrive | 2018-2017 |
| | 440i xDrive Gran Coupe | 2018-2017 |
| | 540i | 2018-2017 |
| | 540i xDrive | 2018-2017 |
| | 640i xDrive Gran Turismo | 2018 |
| | 740i | 2018-2016 |
| | 740i xDrive | 2018-2017 |
| | M240i | 2018-2017 |
| | M240i xDrive | 2018-2017 |
| X3 | 2018 | |
| 27083 | | OE Type Heated WB Sensor |
| L Length: 22.75 inches (580mm) | | 5 Lead Terminated |
| BMW | 230i | 2018-2017 |
| | 230i xDrive | 2018-2017 |
| | 330e | 2018-2016 |
| | 330i | 2018-2017 |
| | 330i GT xDrive | 2018-2017 |
| | 330i xDrive | 2018-2017 |
| | 430i | 2018-2017 |
| | 430i Gran Coupe | 2018-2017 |
| | 430i xDrive | 2018-2017 |
| | 430i xDrive Gran Coupe | 2018-2017 |
| | 530e | 2018 |
| | 530e xDrive | 2018 |
| | 530i | 2018-2017 |
| | 530i xDrive | 2018-2017 |
| 740e xDrive | 2018-2017 | |
| X3 | 2018 | |
| 27084 | | OE Type Heated WB Sensor |
| L Length: 19 inches (485mm) | | 5 Lead Terminated |
| Ram | 1500 | 2018-2014 |



THE SENSOR SPECIALIST™

**CROSS REFERENCE
TABLEAU DE RÉFÉRENCE
TABLA DE EQUIVALENCIAS**





| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| ACDelco | | | ACDelco | | | ACDelco | | |
| 213-5 | | 21002 | 213-556 | | 25527 | 213-818 | | 21048 |
| 213-6 | | 23004 | 213-557 | | 25530 | 213-819 | | 21516 |
| 213-7 | | 23552 | 213-559 | | 25511 | 213-921 | | 21513 |
| 213-9 | | 21541 | 213-560 | | 25557 | 213-922 | | 21513 |
| 213-10 | | 23021 | 213-562 | | 25038 | 213-925 | | 21040 |
| 213-12 | | 23044 | 213-563 | | 25053 | 213-932 | | 21521 |
| 213-13 | | 23044 | 213-564 | | 25081 | 213-938 | | 21528 |
| 213-15 | | 21002 | 213-565 | | 25520 | 213-939 | | 21513 |
| 213-16 | | 21003 | 213-566 | | 25129 | 213-940 | | 21518 |
| 213-17 | | 23553 | 213-568 | | 25520 | 213-941 | | 21513 |
| 213-18 | | 23502 | 213-569 | | 25504 | 213-949 | | 21507 |
| 213-19 | | 24141 | 213-572 | | 25103 | 213-950 | | 21527 |
| 213-20 | | 24033 | 213-573 | | 25103 | 213-954 | | 21507 |
| 213-21 | | 24105 | 213-574 | | 25534 | 213-957 | | 21550 |
| 213-22 | | 24105 | 213-575 | | 25534 | 213-962 | | 21049 |
| 213-23 | | 24105 | 213-576 | | 25529 | 213-968 | | 21045 |
| 213-24 | | 25031 | 213-577 | | 25103 | 213-1062 | | 24548 |
| 213-27 | | 21003 | 213-578 | | 25574 | 213-1126 | | 24023 |
| 213-322 | | 21553 | 213-581 | | 25529 | 213-1143 | | 21044 |
| 213-360 | | 21517 | 213-582 | | 25539 | 213-1148 | | 21514 |
| 213-368 | | 21039 | 213-583 | | 25041 | 213-1149 | | 21548 |
| 213-369 | | 21039 | 213-584 | | 25529 | 213-1152 | | 21053 |
| 213-370 | | 21040 | 213-585 | | 25529 | 213-1153 | | 21042 |
| 213-375 | | 24512 | 213-586 | | 25103 | 213-1156 | | 24505 |
| 213-403 | | 24033 | 213-587 | | 25040 | 213-1161 | | 21549 |
| 213-404 | | 21508 | 213-588 | | 25534 | 213-1162 | | 21555 |
| 213-405 | | 21524 | 213-589 | | 25529 | 213-1164 | | 21502 |
| 213-406 | | 24601 | 213-591 | | 25539 | 213-1165 | | 21002 |
| 213-407 | | 24554 | 213-595 | | 25053 | 213-1166 | | 23004 |
| 213-408 | | 24548 | 213-596 | | 25534 | 213-1167 | | 22534 |
| 213-409 | | 24059 | 213-597 | | 25555 | 213-1167 | | 23552 |
| 213-410 | | 24673 | 213-599 | | 25522 | 213-1168 | | 22534 |
| 213-412 | | 21509 | 213-600 | | 25038 | 213-1169 | | 24141 |
| 213-415 | | 21525 | 213-602 | | 25038 | 213-1171 | | 24086 |
| 213-432 | | 21527 | 213-603 | | 25726 | 213-1171 | | 24141 |
| 213-433 | | 24515 | 213-604 | | 25081 | 213-1172 | | 24033 |
| 213-434 | | 24510 | 213-606 | | 25574 | 213-1173 | | 22043 |
| 213-437 | | 24502 | 213-610 | | 23005 | 213-1174 | | 23044 |
| 213-502 | | 21002 | 213-612 | | 22013 | 213-1174 | | 25572 |
| 213-506 | | 21002 | 213-613 | | 22013 | 213-1175 | | 24006 |
| 213-509 | | 24626 | 213-614 | | 22013 | 213-1176 | | 25572 |
| 213-512 | | 21006 | 213-615 | | 22014 | 213-1177 | | 22082 |
| 213-513 | | 25503 | 213-617 | | 22503 | 213-1178 | | 25031 |
| 213-517 | | 25088 | 213-618 | | 22500 | 213-1179 | | 24500 |
| 213-526 | | 25034 | 213-619 | | 22013 | 213-1180 | | 24006 |
| 213-527 | | 25034 | 213-620 | | 22503 | 213-1181 | | 24010 |
| 213-529 | | 25509 | 213-622 | | 23023 | 213-1182 | | 25500 |
| 213-532 | | 25574 | 213-623 | | 23032 | 213-1183 | | 25501 |
| 213-534 | | 25511 | 213-629 | | 21541 | 213-1184 | | 24010 |
| 213-535 | | 25528 | 213-630 | | 21500 | 213-1184 | | 24036 |
| 213-536 | | 25559 | 213-631 | | 21002 | 213-1185 | | 25088 |
| 213-537 | | 25540 | 213-632 | | 21003 | 213-1186 | | 21039 |
| 213-538 | | 25515 | 213-633 | | 21003 | 213-1187 | | 21502 |
| 213-539 | | 25537 | 213-634 | | 21541 | 213-1188 | | 21503 |
| 213-540 | | 25516 | 213-800 | | 21048 | 213-1189 | | 24166 |
| 213-542 | | 25562 | 213-801 | | 21514 | 213-1191 | | 24038 |
| 213-546 | | 25562 | 213-802 | | 21516 | 213-1192 | | 24010 |
| 213-548 | | 25040 | 213-803 | | 21040 | 213-1193 | | 24176 |
| 213-549 | | 25529 | 213-804 | | 21040 | 213-1194 | | 25139 |
| 213-550 | | 25529 | 213-805 | | 24313 | 213-1196 | | 24105 |
| 213-551 | | 25046 | 213-810 | | 21537 | 213-1197 | | 23500 |
| 213-552 | | 25531 | 213-813 | | 21039 | 213-1198 | | 24502 |
| 213-553 | | 25516 | 213-816 | | 21048 | 213-1199 | | 24504 |
| 213-554 | | 25034 | 213-817 | | 21516 | 213-1200 | | 24504 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| ACDelco | | | ACDelco | | | ACDelco | | |
| 213-1201 | | 24105 | 213-1271 | | 25522 | 213-1338 | | 23558 |
| 213-1203 | | 24102 | 213-1272 | | 24614 | 213-1339 | | 23001 |
| 213-1204 | | 24505 | 213-1273 | | 22033 | 213-1339 | | 24535 |
| 213-1205 | | 24012 | 213-1273 | | 22034 | 213-1340 | | 23559 |
| 213-1206 | | 22085 | 213-1274 | | 24023 | 213-1341 | | 25531 |
| 213-1206 | | 24014 | 213-1275 | | 22075 | 213-1342 | | 25534 |
| 213-1207 | | 23021 | 213-1276 | | 24039 | 213-1343 | | 25053 |
| 213-1208 | | 24506 | 213-1276 | | 24154 | 213-1344 | | 25533 |
| 213-1209 | | 24507 | 213-1277 | | 24520 | 213-1346 | | 25534 |
| 213-1210 | | 24508 | 213-1278 | | 24521 | 213-1348 | | 25137 |
| 213-1212 | | 24510 | 213-1279 | | 24525 | 213-1350 | | 25536 |
| 213-1213 | | 24511 | 213-1280 | | 24523 | 213-1351 | | 25537 |
| 213-1214 | | 24512 | 213-1281 | | 25636 | 213-1353 | | 25538 |
| 213-1215 | | 24513 | 213-1282 | | 24157 | 213-1354 | | 21507 |
| 213-1216 | | 24514 | 213-1283 | | 24097 | 213-1354 | | 21527 |
| 213-1217 | | 24515 | 213-1284 | | 22062 | 213-1356 | | 24111 |
| 213-1218 | | 24516 | 213-1285 | | 22033 | 213-1356 | | 24536 |
| 213-1220 | | 24517 | 213-1285 | | 22034 | 213-1357 | | 24537 |
| 213-1221 | | 24129 | 213-1286 | | 24092 | 213-1358 | | 24570 |
| 213-1222 | | 24109 | 213-1288 | | 25523 | 213-1359 | | 24538 |
| 213-1223 | | 23501 | 213-1289 | | 25524 | 213-1360 | | 24537 |
| 213-1224 | | 24518 | 213-1290 | | 24524 | 213-1361 | | 24673 |
| 213-1225 | | 24135 | 213-1291 | | 24525 | 213-1362 | | 21508 |
| 213-1227 | | 22014 | 213-1294 | | 24526 | 213-1363 | | 24548 |
| 213-1228 | | 22013 | 213-1295 | | 25525 | 213-1364 | | 25539 |
| 213-1229 | | 23005 | 213-1298 | | 23502 | 213-1365 | | 22088 |
| 213-1230 | | 21541 | 213-1299 | | 23553 | 213-1365 | | 22089 |
| 213-1231 | | 21003 | 213-1300 | | 24007 | 213-1365 | | 22092 |
| 213-1232 | | 22013 | 213-1300 | | 24062 | 213-1366 | | 22092 |
| 213-1233 | | 25504 | 213-1301 | | 24005 | 213-1367 | | 22500 |
| 213-1234 | | 25504 | 213-1301 | | 24064 | 213-1367 | | 22503 |
| 213-1235 | | 25103 | 213-1302 | | 24002 | 213-1368 | | 22092 |
| 213-1236 | | 25510 | 213-1303 | | 24024 | 213-1368 | | 24076 |
| 213-1237 | | 25505 | 213-1305 | | 24075 | 213-1369 | | 23108 |
| 213-1238 | | 25574 | 213-1306 | | 24101 | 213-1370 | | 23008 |
| 213-1239 | | 25034 | 213-1307 | | 22027 | 213-1371 | | 23025 |
| 213-1239 | | 25040 | 213-1308 | | 24065 | 213-1371 | | 23121 |
| 213-1240 | | 25103 | 213-1313 | | 25016 | 213-1372 | | 23039 |
| 213-1241 | | 25506 | 213-1314 | | 25003 | 213-1372 | | 23506 |
| 213-1242 | | 25507 | 213-1315 | | 25550 | 213-1373 | | 23099 |
| 213-1243 | | 25034 | 213-1317 | | 22060 | 213-1373 | | 23133 |
| 213-1244 | | 25034 | 213-1317 | | 22500 | 213-1374 | | 23014 |
| 213-1245 | | 25510 | 213-1318 | | 23036 | 213-1374 | | 23099 |
| 213-1246 | | 25036 | 213-1318 | | 23099 | 213-1375 | | 23041 |
| 213-1247 | | 25511 | 213-1319 | | 23023 | 213-1376 | | 23002 |
| 213-1248 | | 25512 | 213-1320 | | 23023 | 213-1376 | | 23105 |
| 213-1251 | | 25726 | 213-1321 | | 24601 | 213-1377 | | 23006 |
| 213-1253 | | 24022 | 213-1322 | | 24225 | 213-1377 | | 23047 |
| 213-1254 | | 25515 | 213-1322 | | 24533 | 213-1378 | | 23001 |
| 213-1255 | | 25040 | 213-1323 | | 24534 | 213-1378 | | 23020 |
| 213-1257 | | 24079 | 213-1324 | | 24169 | 213-1379 | | 24015 |
| 213-1258 | | 24137 | 213-1325 | | 21006 | 213-1381 | | 25540 |
| 213-1259 | | 25510 | 213-1326 | | 23032 | 213-1382 | | 24225 |
| 213-1259 | | 25516 | 213-1326 | | 23094 | 213-1383 | | 24172 |
| 213-1260 | | 22047 | 213-1327 | | 23035 | 213-1383 | | 24542 |
| 213-1261 | | 25517 | 213-1328 | | 22074 | 213-1384 | | 24540 |
| 213-1262 | | 25038 | 213-1329 | | 22010 | 213-1386 | | 24541 |
| 213-1264 | | 25634 | 213-1330 | | 24535 | 213-1387 | | 24169 |
| 213-1265 | | 25637 | 213-1333 | | 24052 | 213-1387 | | 24542 |
| 213-1267 | | 25081 | 213-1334 | | 25562 | 213-1388 | | 23509 |
| 213-1268 | | 24519 | 213-1335 | | 25528 | 213-1389 | | 24543 |
| 213-1268 | | 24521 | 213-1336 | | 25529 | 213-1390 | | 24544 |
| 213-1269 | | 25521 | 213-1336 | | 25565 | 213-1391 | | 24545 |
| 213-1270 | | 25632 | 213-1337 | | 25530 | 213-1392 | | 25639 |

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Interchanges / Références

THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| ACDelco | | | ACDelco | | | ACDelco | | |
| 213-1393 | | 24546 | 213-1451 | | 25556 | 213-1542 | | 24300 |
| 213-1394 | | 24547 | 213-1452 | | 21524 | 213-1551 | | 21049 |
| 213-1394 | | 24581 | 213-1454 | | 24589 | 213-1552 | | 21048 |
| 213-1395 | | 25579 | 213-1455 | | 24563 | 213-1553 | | 21517 |
| 213-1397 | | 23127 | 213-1458 | | 23513 | 213-1559 | | 21556 |
| 213-1399 | | 23511 | 213-1459 | | 22060 | 213-1560 | | 24320 |
| 213-1400 | | 23055 | 213-1460 | | 22113 | 213-1567 | | 21514 |
| 213-1400 | | 23102 | 213-1461 | | 24044 | 213-1568 | | 21546 |
| 213-1401 | | 23512 | 213-1461 | | 24080 | 213-1570 | | 21054 |
| 213-1403 | | 24061 | 213-1463 | | 24004 | 213-1571 | | 21514 |
| 213-1403 | | 24282 | 213-1464 | | 24071 | 213-1572 | | 24320 |
| 213-1404 | | 24066 | 213-1465 | | 24059 | 213-1573 | | 21556 |
| 213-1404 | | 24203 | 213-1466 | | 24044 | 213-1574 | | 21044 |
| 213-1405 | | 22502 | 213-1467 | | 25044 | 213-1582 | | 25653 |
| 213-1406 | | 25542 | 213-1468 | | 24603 | 213-1582 | | 25727 |
| 213-1407 | | 23515 | 213-1469 | | 25650 | 213-1583 | | 24316 |
| 213-1407 | | 24052 | 213-1470 | | 25565 | 213-1589 | | 24806 |
| 213-1408 | | 22009 | 213-1471 | | 25041 | 213-1590 | | 21547 |
| 213-1409 | | 22001 | 213-1472 | | 25567 | 213-1595 | | 23558 |
| 213-1410 | | 22504 | 213-1472 | | 25569 | 213-1596 | | 23558 |
| 213-1411 | | 22505 | 213-1473 | | 25568 | 213-1597 | | 24105 |
| 213-1412 | | 22506 | 213-1473 | | 25569 | 213-1598 | | 24575 |
| 213-1413 | | 25059 | 213-1474 | | 25560 | 213-1601 | | 22032 |
| 213-1414 | | 25580 | 213-1475 | | 25046 | 213-1602 | | 22032 |
| 213-1415 | | 25633 | 213-1476 | | 23123 | 213-1603 | | 23518 |
| 213-1416 | | 25581 | 213-1480 | | 21538 | 213-1605 | | 24007 |
| 213-1417 | | 25581 | 213-1481 | | 24655 | 213-1606 | | 25515 |
| 213-1418 | | 24549 | 213-1482 | | 24042 | 213-1607 | | 24594 |
| 213-1419 | | 24550 | 213-1482 | | 24584 | 213-1608 | | 24106 |
| 213-1420 | | 22094 | 213-1483 | | 24594 | 213-1609 | | 24569 |
| 213-1420 | | 24231 | 213-1484 | | 24579 | 213-1611 | | 24585 |
| 213-1421 | | 25677 | 213-1484 | | 24605 | 213-1614 | | 21053 |
| 213-1422 | | 25545 | 213-1486 | | 25570 | 213-1615 | | 21546 |
| 213-1423 | | 25564 | 213-1487 | | 22521 | 213-1630 | | 24653 |
| 213-1424 | | 25546 | 213-1488 | | 22088 | 213-1633 | | 21545 |
| 213-1424 | | 25564 | 213-1489 | | 22088 | 213-1637 | | 21042 |
| 213-1425 | | 25547 | 213-1490 | | 22098 | 213-1638 | | 21053 |
| 213-1426 | | 25548 | 213-1491 | | 21512 | 213-1641 | | 21048 |
| 213-1427 | | 25549 | 213-1491 | | 24050 | 213-1643 | | 21055 |
| 213-1428 | | 25550 | 213-1492 | | 24606 | 213-1648 | | 21527 |
| 213-1429 | | 25552 | 213-1493 | | 21512 | 213-1658 | | 21541 |
| 213-1431 | | 24551 | 213-1493 | | 24058 | 213-1676 | | 21524 |
| 213-1432 | | 24552 | 213-1494 | | 22523 | 213-1680 | | 21537 |
| 213-1433 | | 24569 | 213-1495 | | 22524 | 213-1681 | | 21528 |
| 213-1434 | | 24553 | 213-1498 | | 25017 | 213-1685 | | 21507 |
| 213-1434 | | 24554 | 213-1499 | | 25013 | 213-1687 | | 21546 |
| 213-1435 | | 24554 | 213-1501 | | 25018 | 213-1688 | | 21048 |
| 213-1436 | | 24553 | 213-1502 | | 25557 | 213-1691 | | 21523 |
| 213-1436 | | 24555 | 213-1505 | | 21547 | 213-1692 | | 21048 |
| 213-1437 | | 24556 | 213-1506 | | 24811 | 213-1693 | | 21546 |
| 213-1437 | | 24563 | 213-1507 | | 24579 | 213-1694 | | 21555 |
| 213-1438 | | 24557 | 213-1508 | | 21547 | 213-1695 | | 21556 |
| 213-1439 | | 24558 | 213-1509 | | 21547 | 213-1697 | | 24319 |
| 213-1440 | | 24575 | 213-1515 | | 25653 | 213-1698 | | 21054 |
| 213-1441 | | 22095 | 213-1515 | | 25727 | 213-1699 | | 21546 |
| 213-1442 | | 25582 | 213-1516 | | 25653 | 213-1700 | | 24316 |
| 213-1443 | | 24560 | 213-1516 | | 25727 | 213-1702 | | 21546 |
| 213-1444 | | 25046 | 213-1521 | | 24511 | 213-1703 | | 21042 |
| 213-1445 | | 24561 | 213-1527 | | 21047 | 213-2821 | | 21556 |
| 213-1447 | | 25552 | 213-1528 | | 21048 | 213-2822 | | 21556 |
| 213-1448 | | 25549 | 213-1529 | | 21516 | 213-2823 | | 21571 |
| 213-1448 | | 25644 | 213-1530 | | 21546 | 213-2824 | | 21547 |
| 213-1449 | | 25554 | 213-1531 | | 21545 | 213-2825 | | 24661 |
| 213-1450 | | 25555 | 213-1532 | | 21049 | 213-2826 | | 21516 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| ACDelco | | | ACDelco | | | ACDelco | | |
| 213-2827 | | 21546 | 213-2916 | | 25596 | 213-2990 | | 23129 |
| 213-2830 | | 21545 | 213-2917 | | 25599 | 213-2991 | | 23537 |
| 213-2831 | | 21049 | 213-2918 | | 23001 | 213-2993 | | 24571 |
| 213-2840 | | 24656 | 213-2922 | | 24289 | 213-2994 | | 24573 |
| 213-2841 | | 24657 | 213-2923 | | 22100 | 213-2996 | | 23538 |
| 213-2842 | | 24658 | 213-2924 | | 25147 | 213-2997 | | 23114 |
| 213-2843 | | 24659 | 213-2925 | | 25624 | 213-2998 | | 24581 |
| 213-2844 | | 24660 | 213-2926 | | 23516 | 213-2999 | | 23114 |
| 213-2845 | | 24661 | 213-2927 | | 24050 | 213-3000 | | 24582 |
| 213-2846 | | 24662 | 213-2928 | | 23523 | 213-3001 | | 23130 |
| 213-2847 | | 24663 | 213-2929 | | 22114 | 213-3006 | | 24583 |
| 213-2848 | | 25629 | 213-2930 | | 25549 | 213-3009 | | 24589 |
| 213-2849 | | 25630 | 213-2931 | | 25561 | 213-3010 | | 21531 |
| 213-2850 | | 24664 | 213-2932 | | 25594 | 213-3011 | | 21043 |
| 213-2851 | | 24660 | 213-2933 | | 25646 | 213-3012 | | 24591 |
| 213-2852 | | 24665 | 213-2935 | | 24651 | 213-3013 | | 24592 |
| 213-2853 | | 24666 | 213-2936 | | 23139 | 213-3014 | | 24593 |
| 213-2854 | | 24667 | 213-2938 | | 24527 | 213-3015 | | 24595 |
| 213-2855 | | 25631 | 213-2939 | | 24529 | 213-3016 | | 22513 |
| 213-2856 | | 24668 | 213-2940 | | 21541 | 213-3017 | | 25150 |
| 213-2857 | | 24669 | 213-2941 | | 25577 | 213-3018 | | 22090 |
| 213-2858 | | 24670 | 213-2942 | | 24620 | 213-3020 | | 24599 |
| 213-2859 | | 21553 | 213-2943 | | 23526 | 213-3021 | | 24676 |
| 213-2860 | | 23500 | 213-2944 | | 23533 | 213-3022 | | 24640 |
| 213-2863 | | 25503 | 213-2945 | | 23529 | 213-3023 | | 24299 |
| 213-2864 | | 25573 | 213-2946 | | 24202 | 213-3024 | | 22120 |
| 213-2866 | | 24105 | 213-2947 | | 25563 | 213-3025 | | 24564 |
| 213-2868 | | 21539 | 213-2948 | | 25587 | 213-3026 | | 25601 |
| 213-2870 | | 24519 | 213-2949 | | 24277 | 213-3027 | | 24290 |
| 213-2871 | | 24509 | 213-2950 | | 25642 | 213-3028 | | 24648 |
| 213-2872 | | 23134 | 213-2951 | | 24642 | 213-3029 | | 24530 |
| 213-2878 | | 22104 | 213-2952 | | 24405 | 213-3030 | | 23138 |
| 213-2879 | | 24630 | 213-2953 | | 24406 | 213-3031 | | 24567 |
| 213-2880 | | 22117 | 213-2954 | | 25618 | 213-3032 | | 24568 |
| 213-2882 | | 24618 | 213-2955 | | 25619 | 213-3034 | | 25558 |
| 213-2883 | | 24601 | 213-2959 | | 25583 | 213-3035 | | 24586 |
| 213-2884 | | 25638 | 213-2960 | | 24414 | 213-3036 | | 24587 |
| 213-2885 | | 24681 | 213-2961 | | 25611 | 213-3037 | | 24293 |
| 213-2886 | | 21519 | 213-2962 | | 24528 | 213-3038 | | 24638 |
| 213-2887 | | 22516 | 213-2963 | | 24531 | 213-3039 | | 25613 |
| 213-2888 | | 24632 | 213-2965 | | 23135 | 213-3040 | | 25614 |
| 213-2889 | | 25606 | 213-2966 | | 23139 | 213-3041 | | 25616 |
| 213-2890 | | 24665 | 213-2967 | | 23544 | 213-3042 | | 25617 |
| 213-2891 | | 25610 | 213-2968 | | 23132 | 213-3043 | | 24650 |
| 213-2892 | | 24404 | 213-2969 | | 23141 | 213-3044 | | 25622 |
| 213-2893 | | 24647 | 213-2970 | | 24588 | 213-3045 | | 24602 |
| 213-2894 | | 21547 | 213-2971 | | 24230 | 213-3046 | | 21525 |
| 213-2896 | | 25154 | 213-2972 | | 23132 | 213-3047 | | 25586 |
| 213-2897 | | 25612 | 213-2973 | | 24598 | 213-3049 | | 25640 |
| 213-2898 | | 24682 | 213-2974 | | 22097 | 213-3050 | | 24565 |
| 213-2899 | | 24683 | 213-2975 | | 22519 | 213-3051 | | 24579 |
| 213-2900 | | 25627 | 213-2976 | | 21041 | 213-3052 | | 21507 |
| 213-2901 | | 24635 | 213-2977 | | 25562 | 213-3053 | | 22117 |
| 213-2902 | | 24619 | 213-2978 | | 25564 | 213-3054 | | 25595 |
| 213-2904 | | 23137 | 213-2979 | | 24400 | 213-3055 | | 25643 |
| 213-2905 | | 24572 | 213-2980 | | 25181 | 213-3056 | | 24634 |
| 213-2906 | | 24574 | 213-2981 | | 25160 | 213-3057 | | 24564 |
| 213-2907 | | 24643 | 213-2982 | | 25129 | 213-3058 | | 22115 |
| 213-2908 | | 25623 | 213-2984 | | 23517 | 213-3059 | | 25576 |
| 213-2909 | | 25623 | 213-2985 | | 23519 | 213-3060 | | 21512 |
| 213-2910 | | 23514 | 213-2986 | | 23526 | 213-3061 | | 24633 |
| 213-2911 | | 23518 | 213-2987 | | 23527 | 213-3062 | | 25597 |
| 213-2913 | | 25560 | 213-2988 | | 23142 | 213-3063 | | 25565 |
| 213-2914 | | 24637 | 213-2989 | | 23141 | 213-3064 | | 25604 |

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THE SENSOR SPECIALIST

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|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| ACDelco | | | ACDelco | | | ACDelco | | |
| 213-3065 | | 24298 | 213-3131 | | 21508 | 213-4225 | | 21569 |
| 213-3066 | | 24644 | 213-3133 | | 21547 | 213-4226 | | 21568 |
| 213-3067 | | 24645 | 213-3135 | | 24327 | 213-4227 | | 21566 |
| 213-3068 | | 24646 | 213-3137 | | 21556 | 213-4228 | | 21065 |
| 213-3069 | | 25509 | 213-3138 | | 21043 | 213-4229 | | 21066 |
| 213-3071 | | 21511 | 213-3139 | | 21023 | 213-4230 | | 21066 |
| 213-3072 | | 23520 | 213-3206 | | 21559 | 213-4240 | | 21059 |
| 213-3073 | | 23521 | 213-3207 | | 21561 | 213-4241 | | 21060 |
| 213-3074 | | 23523 | 213-3237 | | 21546 | 213-4243 | | 21564 |
| 213-3075 | | 23524 | 213-3240 | | 24327 | 213-4244 | | 21555 |
| 213-3076 | | 23525 | 213-3528 | | 21546 | 213-4245 | | 21568 |
| 213-3078 | | 21527 | 213-3530 | | 21035 | 213-4246 | | 21059 |
| 213-3079 | | 22514 | 213-3532 | | 21561 | 213-4247 | | 25189 |
| 213-3080 | | 24296 | 213-3533 | | 21559 | 213-4248 | | 25190 |
| 213-3081 | | 22118 | 213-3536 | | 21558 | 213-4252 | | 21023 |
| 213-3082 | | 25588 | 213-3537 | | 21545 | 213-4253 | | 21513 |
| 213-3083 | | 25641 | 213-3538 | | 21049 | 213-4254 | | 21564 |
| 213-3084 | | 25589 | 213-3539 | | 21561 | 213-4255 | | 21568 |
| 213-3085 | | 25597 | 213-3540 | | 21514 | 213-4256 | | 21548 |
| 213-3086 | | 25592 | 213-3541 | | 21546 | 213-4257 | | 21061 |
| 213-3087 | | 25593 | 213-3542 | | 21063 | 213-4264 | | 21064 |
| 213-3088 | | 25597 | 213-3544 | | 21559 | 213-4267 | | 24811 |
| 213-3089 | | 25598 | 213-3545 | | 21558 | 213-4268 | | 21529 |
| 213-3090 | | 25644 | 213-3546 | | 24661 | 213-4269 | | 21535 |
| 213-3091 | | 25603 | 213-3626 | | 24312 | 213-4272 | | 24653 |
| 213-3092 | | 25605 | 213-3627 | | 21563 | 213-4278 | | 24280 |
| 213-3093 | | 25607 | 213-3628 | | 21546 | 213-4279 | | 24296 |
| 213-3094 | | 24297 | 213-3629 | | 21566 | 213-4282 | | 21524 |
| 213-3095 | | 25620 | 213-3630 | | 21567 | 213-4283 | | 24516 |
| 213-3096 | | 24653 | 213-3631 | | 21565 | 213-4284 | | 24601 |
| 213-3097 | | 25045 | 213-3632 | | 21560 | 213-4285 | | 24661 |
| 213-3098 | | 23125 | 213-3673 | | 21560 | 213-4288 | | 24453 |
| 213-3099 | | 25559 | 213-3823 | | 21555 | 213-4289 | | 24457 |
| 213-3100 | | 24600 | 213-3824 | | 21556 | 213-4292 | | 24649 |
| 213-3101 | | 25645 | 213-3824 | | 21576 | 213-4292 | | 24841 |
| 213-3102 | | 25621 | 213-3839 | | 21558 | 213-4299 | | 21555 |
| 213-3103 | | 25590 | 213-3844 | | 24325 | 213-4321 | | 21064 |
| 213-3104 | | 24584 | 213-3846 | | 21562 | 213-4325 | | 21062 |
| 213-3105 | | 24618 | 213-3850 | | 21049 | 213-4326 | | 21572 |
| 213-3106 | | 24577 | 213-3850 | | 21575 | 213-4370 | | 24662 |
| 213-3107 | | 24278 | 213-3851 | | 21571 | 213-4403 | | 21546 |
| 213-3108 | | 24649 | 213-3857 | | 24109 | 213-4406 | | 21556 |
| 213-3109 | | 25585 | 213-3858 | | 21571 | 213-4407 | | 21556 |
| 213-3110 | | 25151 | 213-3863 | | 24320 | 213-4408 | | 21549 |
| 213-3111 | | 25163 | 213-3866 | | 21546 | 213-4413 | | 21560 |
| 213-3112 | | 21524 | 213-3867 | | 21514 | 213-4519 | | 25709 |
| 213-3113 | | 24280 | 213-3868 | | 21064 | 213-4520 | | 25712 |
| 213-3114 | | 25637 | 213-3908 | | 21058 | 213-4526 | | 21572 |
| 213-3115 | | 25002 | 213-3909 | | 21035 | 213-4537 | | 21558 |
| 213-3116 | | 22510 | 213-3910 | | 21509 | 213-4546 | | 25653 |
| 213-3117 | | 24407 | 213-3911 | | 21525 | 213-4546 | | 25727 |
| 213-3118 | | 24578 | 213-3912 | | 21527 | 213-4548 | | 21568 |
| 213-3119 | | 25591 | 213-3913 | | 21058 | 213-4549 | | 25712 |
| 213-3120 | | 24410 | 213-4116 | | 21555 | 213-4551 | | 25709 |
| 213-3121 | | 25169 | 213-4120 | | 24653 | 213-4553 | | 21556 |
| 213-3122 | | 25166 | 213-4156 | | 21566 | 213-4574 | | 21574 |
| 213-3123 | | 25158 | 213-4157 | | 21546 | 213-4575 | | 21569 |
| 213-3124 | | 24631 | 213-4191 | | 21035 | 213-4576 | | 21571 |
| 213-3125 | | 24678 | 213-4195 | | 21546 | 213-4579 | | 24653 |
| 213-3126 | | 24639 | 213-4197 | | 21565 | 213-4580 | | 21064 |
| 213-3127 | | 24679 | 213-4203 | | 21556 | 213-4643 | | 21064 |
| 213-3128 | | 25608 | 213-4203 | | 21576 | 213-4644 | | 25727 |
| 213-3129 | | 25609 | 213-4215 | | 21059 | 213-4648 | | 21064 |
| 213-3130 | | 25649 | 213-4224 | | 21064 | 213-4682 | | 21555 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|----------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| ACDelco | | | Bosch | | | Bosch | | |
| 213-4682 | | 21561 | 11929 | | 25501 | 12105 | | 24514 |
| 213-4693 | | 21555 | 11964 | | 25088 | 12106 | | 24515 |
| 213-4698 | | 25727 | 11964 | | 25501 | 12107 | | 24508 |
| 213-4699 | | 25653 | 12001 | | 24511 | 12108 | | 24505 |
| 213-4703 | | 21067 | 12002 | | 24105 | 12108 | | 24508 |
| 213-4764 | | 21577 | 12006 | | 21500 | 12109 | | 24506 |
| 213-4768 | | 21068 | 12007 | | 23021 | 12110 | | 24506 |
| 213-4769 | | 21069 | 12008 | | 23502 | 12111 | | 24102 |
| 213-4772 | | 21067 | 12009 | | 23553 | 12112 | | 24504 |
| 213-4779 | | 21064 | 12010 | | 24511 | 12112 | | 24839 |
| AFS5P | | 21553 | 12011 | | 24511 | 12113 | | 24176 |
| AFS20 | | 21002 | 12012 | | 24512 | 12114 | | 24502 |
| AFS21 | | 21002 | 12013 | | 21002 | 12200 | | 24505 |
| AFS22 | | 21002 | 12014 | | 21002 | 12201 | | 24510 |
| AFS23 | | 21553 | 12015 | | 24505 | 12201 | | 24511 |
| AFS33 | | 21002 | 12016 | | 24010 | 12202 | | 24512 |
| AFS48 | | 21541 | 12016 | | 24019 | 12202 | | 24513 |
| AFS65W | | 21551 | 12017 | | 24194 | 12203 | | 22082 |
| AFS73 | | 21506 | 12019 | | 24012 | 12203 | | 24106 |
| AFS74 | | 21003 | 12022 | | 24102 | 12204 | | 21040 |
| AFS75 | | 21006 | 12023 | | 24102 | 12205 | | 24510 |
| AFS76 | | 21004 | 12024 | | 24194 | 12908 | | 22534 |
| AFS81 | | 21002 | 12028 | | 21553 | 12909 | | 22534 |
| AFS87 | | 21504 | 12029 | | 23044 | 12909 | | 23552 |
| AFS90 | | 21006 | 12030 | | 25572 | 12919 | | 23004 |
| AFS90W | | 21551 | 12032 | | 24512 | 13000 | | 21049 |
| AFS93 | | 21543 | 12034 | | 24010 | 13001 | | 25507 |
| AFS95 | | 21539 | 12035 | | 22085 | 13002 | | 24169 |
| AFS96 | | 21550 | 12035 | | 24014 | 13003 | | 25506 |
| AFS97 | | 21528 | 12037 | | 22082 | 13004 | | 25036 |
| AFS98 | | 21544 | 12038 | | 22043 | 13005 | | 25034 |
| AFS101 | | 21536 | 12039 | | 24500 | 13005 | | 25499 |
| AFS105 | | 21006 | 12040 | | 25139 | 13006 | | 25034 |
| AFS106 | | 21539 | 12041 | | 23501 | 13007 | | 24169 |
| AFS108 | | 21537 | 12043 | | 24012 | 13007 | | 24542 |
| AFS109 | | 21539 | 12044 | | 24502 | 13007 | | 24633 |
| AFS110 | | 21550 | 12046 | | 23044 | 13008 | | 25505 |
| AFS113 | | 21537 | 12046 | | 25572 | 13009 | | 25034 |
| AFS116 | | 21528 | 12050 | | 24033 | 13010 | | 21541 |
| AFS120 | | 21550 | 12050 | | 24038 | 13011 | | 25509 |
| AFS121 | | 21550 | 12051 | | 24105 | 13012 | | 25516 |
| AFS123 | | 21528 | 12051 | | 24551 | 13013 | | 24633 |
| AFS125 | | 21539 | 12051 | | 24552 | 13014 | | 21528 |
| AFS129 | | 21519 | 12051 | | 24611 | 13015 | | 24633 |
| AFS130 | | 21519 | 12052 | | 24086 | 13016 | | 21539 |
| AFS135 | | 21539 | 12053 | | 23500 | 13017 | | 21039 |
| AFS136 | | 21543 | 12053 | | 23557 | 13018 | | 25506 |
| AFS137 | | 21510 | 12053 | | 24086 | 13019 | | 25034 |
| AFS138 | | 24626 | 12053 | | 24102 | 13020 | | 21537 |
| AFS141 | | 21528 | 12053 | | 24122 | 13021 | | 24007 |
| Bosch | | | 12053 | | 24141 | 13022 | | 21039 |
| 11028 | | 25031 | 12053 | | 24194 | 13023 | | 24154 |
| 11032 | | 24672 | 12053 | | 24517 | 13024 | | 24546 |
| 11032 | | 25031 | 12053 | | 24533 | 13025 | | 24300 |
| 11035 | | 23044 | 12054 | | 24006 | 13026 | | 24626 |
| 11037 | | 23044 | 12055 | | 24033 | 13027 | | 21543 |
| 11038 | | 25031 | 12061 | | 24010 | 13028 | | 25034 |
| 11041 | | 23044 | 12061 | | 24019 | 13029 | | 21510 |
| 11047 | | 25500 | 12100 | | 24516 | 13030 | | 24601 |
| 11051 | | 23044 | 12101 | | 24502 | 13031 | | 24614 |
| 11051 | | 24003 | 12102 | | 24502 | 13032 | | 25040 |
| 11051 | | 24672 | 12102 | | 24504 | 13033 | | 21527 |
| 11051 | | 25572 | 12103 | | 24502 | 13034 | | 25511 |
| 11064 | | 25501 | 12104 | | 24512 | 13035 | | 21509 |

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Interchanges / Références

THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | | | |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|-------|--|--|
| | Bosch | | | | Bosch | | | | Bosch | | |
| 13035 | | 24277 | 13087 | | 22016 | 13134 | | 23509 | | | |
| 13036 | | 24523 | 13088 | | 22016 | 13135 | | 22071 | | | |
| 13037 | | 25528 | 13089 | | 24172 | 13136 | | 24553 | | | |
| 13038 | | 25540 | 13090 | | 25034 | 13136 | | 24554 | | | |
| 13038 | | 25559 | 13091 | | 24039 | 13137 | | 22016 | | | |
| 13039 | | 24521 | 13091 | | 24154 | 13138 | | 23014 | | | |
| 13040 | | 21507 | 13091 | | 24521 | 13138 | | 23016 | | | |
| 13041 | | 21524 | 13092 | | 24172 | 13138 | | 23088 | | | |
| 13041 | | 24278 | 13093 | | 24540 | 13138 | | 23099 | | | |
| 13042 | | 24614 | 13093 | | 24541 | 13138 | | 23133 | | | |
| 13043 | | 21502 | 13094 | | 24554 | 13139 | | 23509 | | | |
| 13044 | | 24172 | 13095 | | 24553 | 13140 | | 23122 | | | |
| 13045 | | 25540 | 13095 | | 24554 | 13141 | | 24553 | | | |
| 13046 | | 25515 | 13096 | | 24675 | 13142 | | 24553 | | | |
| 13047 | | 25510 | 13097 | | 24541 | 13142 | | 24555 | | | |
| 13048 | | 25516 | 13098 | | 24675 | 13143 | | 23023 | | | |
| 13049 | | 25512 | 13099 | | 24172 | 13144 | | 25038 | | | |
| 13050 | | 21503 | 13100 | | 23041 | 13145 | | 23023 | | | |
| 13051 | | 24554 | 13100 | | 23118 | 13146 | | 25081 | | | |
| 13052 | | 25562 | 13100 | | 23131 | 13147 | | 23036 | | | |
| 13053 | | 21039 | 13100 | | 23151 | 13148 | | 25517 | | | |
| 13054 | | 22047 | 13100 | | 23506 | 13149 | | 23002 | | | |
| 13055 | | 21538 | 13101 | | 25040 | 13149 | | 23105 | | | |
| 13056 | | 24548 | 13102 | | 24554 | 13150 | | 25081 | | | |
| 13057 | | 25034 | 13103 | | 25137 | 13151 | | 23108 | | | |
| 13058 | | 25510 | 13104 | | 24554 | 13152 | | 25520 | | | |
| 13059 | | 25512 | 13104 | | 24595 | 13153 | | 23007 | | | |
| 13060 | | 24169 | 13105 | | 23122 | 13154 | | 24554 | | | |
| 13060 | | 24625 | 13106 | | 24554 | 13155 | | 23094 | | | |
| 13061 | | 25034 | 13107 | | 23098 | 13156 | | 25129 | | | |
| 13062 | | 25529 | 13108 | | 25527 | 13157 | | 23023 | | | |
| 13063 | | 25034 | 13109 | | 25530 | 13158 | | 25036 | | | |
| 13064 | | 25529 | 13111 | | 21537 | 13159 | | 23036 | | | |
| 13065 | | 24603 | 13112 | | 25526 | 13160 | | 25520 | | | |
| 13066 | | 24169 | 13113 | | 21006 | 13161 | | 24554 | | | |
| 13067 | | 25529 | 13114 | | 24269 | 13162 | | 24554 | | | |
| 13068 | | 24555 | 13115 | | 22010 | 13163 | | 24554 | | | |
| 13068 | | 25046 | 13115 | | 22074 | 13164 | | 24555 | | | |
| 13069 | | 25571 | 13116 | | 25646 | 13164 | | 24575 | | | |
| 13070 | | 24154 | 13117 | | 22016 | 13165 | | 25103 | | | |
| 13071 | | 24061 | 13117 | | 22500 | 13166 | | 24554 | | | |
| 13071 | | 24285 | 13117 | | 22524 | 13167 | | 25103 | | | |
| 13071 | | 24286 | 13118 | | 25662 | 13168 | | 24554 | | | |
| 13071 | | 24584 | 13119 | | 25511 | 13169 | | 23041 | | | |
| 13072 | | 24584 | 13120 | | 25137 | 13170 | | 24554 | | | |
| 13073 | | 21508 | 13120 | | 25557 | 13171 | | 24554 | | | |
| 13073 | | 24617 | 13121 | | 23099 | 13172 | | 24169 | | | |
| 13074 | | 24546 | 13122 | | 23122 | 13173 | | 24554 | | | |
| 13075 | | 24042 | 13122 | | 23506 | 13174 | | 24042 | | | |
| 13075 | | 24288 | 13123 | | 23118 | 13175 | | 25034 | | | |
| 13075 | | 24427 | 13123 | | 23131 | 13176 | | 24603 | | | |
| 13075 | | 24655 | 13124 | | 22016 | 13177 | | 22056 | | | |
| 13076 | | 24169 | 13125 | | 22016 | 13178 | | 21048 | | | |
| 13077 | | 21003 | 13126 | | 22016 | 13178 | | 21514 | | | |
| 13078 | | 25531 | 13127 | | 22016 | 13179 | | 25103 | | | |
| 13079 | | 24044 | 13127 | | 22500 | 13180 | | 24169 | | | |
| 13080 | | 25520 | 13128 | | 22016 | 13181 | | 25103 | | | |
| 13081 | | 24044 | 13129 | | 22016 | 13182 | | 24042 | | | |
| 13081 | | 24080 | 13130 | | 23512 | 13183 | | 22016 | | | |
| 13082 | | 24154 | 13131 | | 22056 | 13184 | | 24172 | | | |
| 13083 | | 22500 | 13131 | | 22503 | 13185 | | 22016 | | | |
| 13084 | | 25516 | 13132 | | 23511 | 13186 | | 24172 | | | |
| 13085 | | 24546 | 13133 | | 22071 | 13187 | | 22016 | | | |
| 13086 | | 24169 | 13133 | | 22500 | 13188 | | 24579 | | | |

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|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| Bosch | | | Bosch | | | Bosch | | |
| 13189 | | 24554 | 13247 | | 24542 | 13290 | | 25548 |
| 13190 | | 23005 | 13248 | | 24525 | 13291 | | 24537 |
| 13191 | | 21040 | 13249 | | 24420 | 13292 | | 24111 |
| 13192 | | 24594 | 13249 | | 24542 | 13293 | | 24111 |
| 13193 | | 21047 | 13249 | | 24633 | 13294 | | 24537 |
| 13193 | | 21516 | 13250 | | 24520 | 13295 | | 24554 |
| 13194 | | 25034 | 13250 | | 24524 | 13296 | | 22033 |
| 13195 | | 25534 | 13250 | | 24614 | 13297 | | 24546 |
| 13196 | | 24111 | 13251 | | 24071 | 13298 | | 24508 |
| 13197 | | 25534 | 13252 | | 24005 | 13299 | | 25636 |
| 13198 | | 24552 | 13253 | | 24061 | 13299 | | 25637 |
| 13199 | | 25534 | 13254 | | 24286 | 13300 | | 24112 |
| 13200 | | 24537 | 13255 | | 24524 | 13301 | | 25059 |
| 13201 | | 22060 | 13256 | | 24259 | 13302 | | 24548 |
| 13202 | | 22060 | 13256 | | 24413 | 13303 | | 24541 |
| 13203 | | 22060 | 13256 | | 24585 | 13304 | | 22092 |
| 13204 | | 22524 | 13257 | | 24543 | 13305 | | 23118 |
| 13205 | | 24042 | 13258 | | 24061 | 13306 | | 22088 |
| 13206 | | 25034 | 13258 | | 24282 | 13307 | | 24537 |
| 13207 | | 25504 | 13258 | | 24285 | 13308 | | 25634 |
| 13208 | | 24111 | 13259 | | 24039 | 13309 | | 25547 |
| 13209 | | 25504 | 13260 | | 24039 | 13310 | | 25041 |
| 13210 | | 24111 | 13260 | | 24525 | 13311 | | 24521 |
| 13211 | | 25504 | 13261 | | 24682 | 13312 | | 23001 |
| 13212 | | 24537 | 13261 | | 24683 | 13313 | | 25034 |
| 13213 | | 25504 | 13262 | | 24521 | 13314 | | 25053 |
| 13214 | | 24537 | 13263 | | 24545 | 13315 | | 23097 |
| 13215 | | 25529 | 13264 | | 24544 | 13315 | | 23123 |
| 13216 | | 25539 | 13265 | | 24545 | 13316 | | 23124 |
| 13217 | | 22016 | 13266 | | 24550 | 13317 | | 23007 |
| 13218 | | 25578 | 13267 | | 25539 | 13317 | | 23036 |
| 13219 | | 25529 | 13268 | | 24550 | 13317 | | 23093 |
| 13220 | | 25529 | 13269 | | 24545 | 13319 | | 23007 |
| 13221 | | 24519 | 13270 | | 23039 | 13320 | | 23127 |
| 13222 | | 24603 | 13271 | | 24545 | 13321 | | 23097 |
| 13223 | | 22060 | 13272 | | 23048 | 13322 | | 24042 |
| 13224 | | 24521 | 13272 | | 23099 | 13322 | | 24419 |
| 13224 | | 24528 | 13272 | | 23128 | 13323 | | 23126 |
| 13225 | | 22060 | 13273 | | 24630 | 13325 | | 22010 |
| 13226 | | 24544 | 13274 | | 23023 | 13326 | | 25534 |
| 13227 | | 22500 | 13275 | | 23023 | 13327 | | 24039 |
| 13228 | | 24526 | 13276 | | 24145 | 13328 | | 25536 |
| 13229 | | 24584 | 13276 | | 24521 | 13329 | | 24154 |
| 13230 | | 24554 | 13277 | | 21541 | 13330 | | 25537 |
| 13231 | | 25041 | 13278 | | 24630 | 13331 | | 22089 |
| 13231 | | 25529 | 13279 | | 24112 | 13332 | | 23041 |
| 13231 | | 25533 | 13280 | | 23014 | 13333 | | 24656 |
| 13231 | | 25565 | 13280 | | 23048 | 13334 | | 24594 |
| 13232 | | 25504 | 13280 | | 23098 | 13335 | | 25538 |
| 13233 | | 24584 | 13280 | | 23099 | 13336 | | 25581 |
| 13234 | | 25034 | 13281 | | 24112 | 13337 | | 25632 |
| 13235 | | 24584 | 13282 | | 22016 | 13338 | | 24567 |
| 13236 | | 25536 | 13283 | | 24552 | 13339 | | 24537 |
| 13237 | | 24521 | 13284 | | 22033 | 13340 | | 24554 |
| 13238 | | 25650 | 13284 | | 22034 | 13341 | | 24554 |
| 13239 | | 24603 | 13285 | | 24537 | 13342 | | 24552 |
| 13240 | | 25137 | 13286 | | 24542 | 13343 | | 24552 |
| 13241 | | 24542 | 13287 | | 22089 | 13344 | | 25034 |
| 13242 | | 24525 | 13287 | | 22098 | 13345 | | 22500 |
| 13243 | | 24542 | 13287 | | 22103 | 13346 | | 24560 |
| 13244 | | 25529 | 13288 | | 25539 | 13347 | | 22071 |
| 13245 | | 25523 | 13289 | | 22089 | 13348 | | 24572 |
| 13245 | | 25632 | 13289 | | 22098 | 13349 | | 22071 |
| 13246 | | 24300 | 13289 | | 24027 | 13350 | | 24619 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| | Bosch | | | Bosch | | | Bosch | |
| 13351 | | 24537 | 13396 | | 25642 | 13442 | | 24502 |
| 13352 | | 24548 | 13397 | | 24169 | 13442 | | 24504 |
| 13353 | | 24579 | 13398 | | 21511 | 13443 | | 25534 |
| 13353 | | 24605 | 13399 | | 23025 | 13444 | | 21528 |
| 13353 | | 24808 | 13399 | | 23102 | 13444 | | 21544 |
| 13354 | | 24464 | 13399 | | 23121 | 13445 | | 24520 |
| 13354 | | 24547 | 13400 | | 21511 | 13446 | | 25069 |
| 13354 | | 24581 | 13400 | | 23001 | 13447 | | 24111 |
| 13354 | | 24594 | 13400 | | 23513 | 13447 | | 24539 |
| 13354 | | 24605 | 13401 | | 24111 | 13448 | | 24044 |
| 13355 | | 24047 | 13401 | | 24538 | 13449 | | 24560 |
| 13355 | | 24453 | 13401 | | 24539 | 13450 | | 21536 |
| 13355 | | 24456 | 13402 | | 24539 | 13450 | | 21550 |
| 13355 | | 24470 | 13403 | | 23518 | 13451 | | 23518 |
| 13355 | | 24548 | 13404 | | 24583 | 13452 | | 21539 |
| 13355 | | 24581 | 13405 | | 24536 | 13453 | | 25560 |
| 13355 | | 24594 | 13406 | | 23525 | 13454 | | 25550 |
| 13355 | | 24651 | 13407 | | 23020 | 13455 | | 21045 |
| 13355 | | 24848 | 13408 | | 23513 | 13455 | | 21517 |
| 13356 | | 24588 | 13409 | | 21512 | 13456 | | 23020 |
| 13357 | | 25529 | 13410 | | 21512 | 13457 | | 24052 |
| 13358 | | 25160 | 13411 | | 23023 | 13458 | | 24589 |
| 13359 | | 24548 | 13412 | | 23521 | 13459 | | 24599 |
| 13360 | | 24552 | 13412 | | 23522 | 13460 | | 23514 |
| 13361 | | 21043 | 13412 | | 23523 | 13460 | | 23515 |
| 13362 | | 24023 | 13412 | | 23524 | 13460 | | 23519 |
| 13363 | | 24546 | 13413 | | 23008 | 13461 | | 24588 |
| 13364 | | 22075 | 13413 | | 23100 | 13462 | | 24505 |
| 13365 | | 21538 | 13413 | | 23101 | 13463 | | 25069 |
| 13366 | | 24015 | 13413 | | 23106 | 13464 | | 24511 |
| 13367 | | 24592 | 13414 | | 25642 | 13465 | | 24502 |
| 13368 | | 24027 | 13415 | | 24601 | 13466 | | 25181 |
| 13369 | | 25580 | 13416 | | 24043 | 13467 | | 24588 |
| 13369 | | 25582 | 13417 | | 21511 | 13468 | | 24031 |
| 13370 | | 25521 | 13417 | | 23001 | 13469 | | 24578 |
| 13371 | | 24631 | 13417 | | 23020 | 13470 | | 24563 |
| 13372 | | 22092 | 13417 | | 23513 | 13471 | | 24507 |
| 13373 | | 25555 | 13418 | | 24157 | 13471 | | 24509 |
| 13374 | | 24572 | 13419 | | 24614 | 13471 | | 24518 |
| 13374 | | 24574 | 13420 | | 24519 | 13472 | | 21006 |
| 13375 | | 24527 | 13420 | | 24521 | 13473 | | 24058 |
| 13376 | | 25522 | 13421 | | 24118 | 13474 | | 21539 |
| 13377 | | 24582 | 13422 | | 24556 | 13475 | | 25542 |
| 13377 | | 24585 | 13422 | | 24557 | 13476 | | 24823 |
| 13378 | | 25518 | 13423 | | 21551 | 13476 | | 25694 |
| 13379 | | 25554 | 13424 | | 24554 | 13477 | | 25569 |
| 13380 | | 25518 | 13425 | | 23558 | 13478 | | 24289 |
| 13381 | | 25522 | 13426 | | 25529 | 13479 | | 21536 |
| 13382 | | 24535 | 13427 | | 25534 | 13480 | | 23001 |
| 13383 | | 24052 | 13428 | | 23559 | 13481 | | 21528 |
| 13384 | | 23099 | 13429 | | 25534 | 13482 | | 24519 |
| 13385 | | 24002 | 13430 | | 23099 | 13483 | | 21519 |
| 13386 | | 24003 | 13431 | | 25570 | 13484 | | 23518 |
| 13387 | | 24064 | 13432 | | 23099 | 13485 | | 23518 |
| 13388 | | 24004 | 13433 | | 25677 | 13486 | | 23518 |
| 13389 | | 24625 | 13434 | | 23002 | 13487 | | 24284 |
| 13390 | | 24537 | 13435 | | 24554 | 13487 | | 24603 |
| 13391 | | 25606 | 13436 | | 23006 | 13488 | | 21539 |
| 13392 | | 24551 | 13436 | | 23047 | 13489 | | 24808 |
| 13393 | | 25636 | 13437 | | 25680 | 13490 | | 21550 |
| 13394 | | 24591 | 13438 | | 23025 | 13491 | | 22060 |
| 13394 | | 24593 | 13439 | | 25539 | 13492 | | 21550 |
| 13395 | | 25633 | 13440 | | 23099 | 13493 | | 24809 |
| 13396 | | 25034 | 13441 | | 24560 | 13494 | | 23515 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| Bosch | | | Bosch | | | Bosch | | |
| 13494 | | 23519 | 13553 | | 22504 | 13604 | | 24669 |
| 13494 | | 24051 | 13554 | | 24594 | 13605 | | 24225 |
| 13495 | | 22060 | 13555 | | 22504 | 13606 | | 24545 |
| 13496 | | 21537 | 13556 | | 24579 | 13607 | | 24545 |
| 13497 | | 22500 | 13557 | | 24667 | 13608 | | 22043 |
| 13498 | | 25646 | 13558 | | 24808 | 13609 | | 21040 |
| 13499 | | 22060 | 13559 | | 25569 | 13610 | | 23132 |
| 13500 | | 21527 | 13560 | | 24566 | 13610 | | 23141 |
| 13501 | | 22060 | 13561 | | 24563 | 13610 | | 23527 |
| 13502 | | 21524 | 13562 | | 24039 | 13610 | | 23556 |
| 13503 | | 24584 | 13562 | | 24525 | 13611 | | 24102 |
| 13504 | | 24619 | 13563 | | 22502 | 13612 | | 22503 |
| 13505 | | 24525 | 13564 | | 25581 | 13613 | | 24669 |
| 13506 | | 24594 | 13565 | | 25606 | 13613 | | 24670 |
| 13507 | | 21539 | 13566 | | 24689 | 13614 | | 21550 |
| 13508 | | 25036 | 13567 | | 24514 | 13615 | | 24548 |
| 13509 | | 25646 | 13568 | | 25639 | 13616 | | 24594 |
| 13510 | | 24566 | 13569 | | 24514 | 13617 | | 24521 |
| 13511 | | 25185 | 13570 | | 24506 | 13618 | | 24559 |
| 13512 | | 24660 | 13571 | | 24202 | 13619 | | 24571 |
| 13513 | | 24584 | 13572 | | 22065 | 13619 | | 24810 |
| 13514 | | 25662 | 13573 | | 24554 | 13620 | | 22501 |
| 13515 | | 25556 | 13574 | | 22117 | 13621 | | 24678 |
| 13516 | | 25591 | 13574 | | 24229 | 13622 | | 24605 |
| 13517 | | 25579 | 13574 | | 24231 | 13623 | | 24579 |
| 13518 | | 24594 | 13575 | | 24554 | 13623 | | 24605 |
| 13519 | | 24673 | 13576 | | 24097 | 13624 | | 24554 |
| 13520 | | 24555 | 13577 | | 25554 | 13625 | | 24066 |
| 13521 | | 24512 | 13577 | | 25580 | 13626 | | 25629 |
| 13522 | | 25560 | 13577 | | 25581 | 13628 | | 24560 |
| 13523 | | 25561 | 13578 | | 22507 | 13629 | | 24560 |
| 13524 | | 25525 | 13579 | | 22032 | 13630 | | 24527 |
| 13525 | | 24059 | 13579 | | 22098 | 13630 | | 24619 |
| 13526 | | 24658 | 13580 | | 25567 | 13631 | | 24560 |
| 13527 | | 24675 | 13580 | | 25612 | 13632 | | 24564 |
| 13528 | | 25619 | 13581 | | 22001 | 13633 | | 24571 |
| 13529 | | 23551 | 13581 | | 22093 | 13634 | | 24605 |
| 13530 | | 24535 | 13581 | | 22099 | 13635 | | 24039 |
| 13531 | | 24619 | 13582 | | 25568 | 13635 | | 24521 |
| 13532 | | 24290 | 13583 | | 24092 | 13636 | | 24567 |
| 13532 | | 24291 | 13584 | | 25558 | 13637 | | 24585 |
| 13533 | | 24511 | 13585 | | 24229 | 13638 | | 25567 |
| 13534 | | 24242 | 13586 | | 24549 | 13639 | | 24284 |
| 13534 | | 24283 | 13587 | | 22098 | 13639 | | 24603 |
| 13535 | | 24505 | 13588 | | 24549 | 13640 | | 25546 |
| 13536 | | 24655 | 13589 | | 22062 | 13641 | | 24154 |
| 13537 | | 24548 | 13590 | | 24656 | 13642 | | 25568 |
| 13538 | | 24642 | 13591 | | 22521 | 13643 | | 24565 |
| 13539 | | 24169 | 13592 | | 25554 | 13644 | | 24807 |
| 13539 | | 24625 | 13593 | | 25581 | 13646 | | 24547 |
| 13540 | | 24658 | 13594 | | 25538 | 13647 | | 24564 |
| 13540 | | 24822 | 13595 | | 22506 | 13648 | | 21049 |
| 13541 | | 24506 | 13595 | | 24816 | 13649 | | 21044 |
| 13543 | | 24546 | 13596 | | 22505 | 13650 | | 24573 |
| 13544 | | 24564 | 13597 | | 25545 | 13651 | | 24643 |
| 13544 | | 24811 | 13598 | | 24225 | 13652 | | 24521 |
| 13545 | | 24546 | 13598 | | 24533 | 13653 | | 24630 |
| 13546 | | 25640 | 13598 | | 25578 | 13654 | | 25633 |
| 13547 | | 22033 | 13599 | | 25545 | 13655 | | 24585 |
| 13548 | | 25640 | 13600 | | 24102 | 13656 | | 24584 |
| 13549 | | 22075 | 13601 | | 24658 | 13657 | | 24521 |
| 13550 | | 25552 | 13602 | | 24225 | 13658 | | 24039 |
| 13551 | | 22502 | 13602 | | 25578 | 13659 | | 24545 |
| 13552 | | 25552 | 13603 | | 25585 | 13661 | | 25554 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | | | |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|-------|--|--|
| | Bosch | | | | Bosch | | | | Bosch | | |
| 13661 | | 25581 | 13718 | | 23125 | 13772 | | 22506 | | | |
| 13662 | | 25582 | 13718 | | 23142 | 13773 | | 25162 | | | |
| 13663 | | 24521 | 13719 | | 23532 | 13774 | | 25162 | | | |
| 13664 | | 23135 | 13720 | | 24293 | 13775 | | 23527 | | | |
| 13664 | | 23138 | 13720 | | 24452 | 13776 | | 23556 | | | |
| 13665 | | 23140 | 13720 | | 24455 | 13777 | | 24269 | | | |
| 13666 | | 24039 | 13720 | | 24677 | 13778 | | 24560 | | | |
| 13667 | | 24545 | 13721 | | 25580 | 13779 | | 21546 | | | |
| 13668 | | 24320 | 13722 | | 24594 | 13780 | | 21048 | | | |
| 13669 | | 23139 | 13723 | | 25581 | 13780 | | 21514 | | | |
| 13670 | | 23138 | 13723 | | 25582 | 13781 | | 24269 | | | |
| 13670 | | 23139 | 13724 | | 24606 | 13782 | | 25567 | | | |
| 13671 | | 23141 | 13725 | | 24606 | 13783 | | 24024 | | | |
| 13672 | | 23142 | 13726 | | 24606 | 13783 | | 24531 | | | |
| 13672 | | 23143 | 13727 | | 24606 | 13784 | | 25563 | | | |
| 13673 | | 24521 | 13728 | | 24564 | 13785 | | 24650 | | | |
| 13674 | | 23134 | 13730 | | 24594 | 13786 | | 21546 | | | |
| 13675 | | 24641 | 13731 | | 24564 | 13787 | | 21048 | | | |
| 13676 | | 24409 | 13732 | | 24565 | 13788 | | 25563 | | | |
| 13677 | | 24409 | 13733 | | 24656 | 13789 | | 25018 | | | |
| 13678 | | 24666 | 13733 | | 24657 | 13790 | | 25677 | | | |
| 13679 | | 25721 | 13734 | | 25550 | 13791 | | 24003 | | | |
| 13680 | | 24665 | 13735 | | 24827 | 13791 | | 24025 | | | |
| 13681 | | 23128 | 13736 | | 25550 | 13791 | | 24062 | | | |
| 13682 | | 21053 | 13737 | | 24663 | 13791 | | 24063 | | | |
| 13683 | | 21045 | 13738 | | 25550 | 13792 | | 23525 | | | |
| 13684 | | 24585 | 13739 | | 24642 | 13793 | | 21512 | | | |
| 13685 | | 24235 | 13740 | | 25549 | 13794 | | 25549 | | | |
| 13686 | | 21513 | 13741 | | 22060 | 13795 | | 23551 | | | |
| 13687 | | 23132 | 13743 | | 22106 | 13796 | | 23525 | | | |
| 13687 | | 23139 | 13744 | | 24267 | 13797 | | 24530 | | | |
| 13687 | | 23140 | 13745 | | 24066 | 13797 | | 24583 | | | |
| 13687 | | 23141 | 13745 | | 24201 | 13798 | | 25564 | | | |
| 13687 | | 23531 | 13745 | | 24203 | 13799 | | 21512 | | | |
| 13687 | | 23556 | 13746 | | 25000 | 13800 | | 21512 | | | |
| 13688 | | 24697 | 13747 | | 25166 | 13801 | | 21512 | | | |
| 13689 | | 25582 | 13747 | | 25167 | 13801 | | 23516 | | | |
| 13690 | | 25644 | 13748 | | 25000 | 13801 | | 23518 | | | |
| 13691 | | 23141 | 13749 | | 25169 | 13801 | | 23521 | | | |
| 13692 | | 25643 | 13750 | | 25155 | 13801 | | 23549 | | | |
| 13693 | | 21514 | 13751 | | 25150 | 13801 | | 23551 | | | |
| 13694 | | 21548 | 13751 | | 25152 | 13801 | | 24058 | | | |
| 13695 | | 23512 | 13751 | | 25708 | 13801 | | 25185 | | | |
| 13697 | | 22113 | 13752 | | 25542 | 13802 | | 25569 | | | |
| 13698 | | 22060 | 13753 | | 25151 | 13803 | | 21512 | | | |
| 13699 | | 22503 | 13753 | | 25155 | 13804 | | 23513 | | | |
| 13700 | | 22503 | 13754 | | 25153 | 13805 | | 23001 | | | |
| 13701 | | 21518 | 13755 | | 25586 | 13805 | | 23513 | | | |
| 13702 | | 24523 | 13756 | | 22126 | 13805 | | 23559 | | | |
| 13703 | | 25635 | 13756 | | 24029 | 13806 | | 25601 | | | |
| 13704 | | 24647 | 13757 | | 25549 | 13807 | | 23549 | | | |
| 13705 | | 24665 | 13758 | | 24281 | 13808 | | 24050 | | | |
| 13706 | | 24665 | 13759 | | 24278 | 13809 | | 23518 | | | |
| 13707 | | 24422 | 13760 | | 24525 | 13809 | | 24050 | | | |
| 13708 | | 24410 | 13761 | | 25045 | 13810 | | 23001 | | | |
| 13709 | | 23538 | 13762 | | 23152 | 13811 | | 25644 | | | |
| 13710 | | 23130 | 13763 | | 24594 | 13812 | | 23559 | | | |
| 13711 | | 23527 | 13765 | | 24296 | 13813 | | 23001 | | | |
| 13712 | | 23544 | 13766 | | 24278 | 13814 | | 23518 | | | |
| 13713 | | 23537 | 13767 | | 25619 | 13815 | | 23523 | | | |
| 13714 | | 23141 | 13768 | | 24581 | 13816 | | 23549 | | | |
| 13715 | | 24433 | 13769 | | 24234 | 13817 | | 25581 | | | |
| 13716 | | 23533 | 13770 | | 24232 | 13818 | | 24050 | | | |
| 13717 | | 23526 | 13771 | | 22506 | 13819 | | 25547 | | | |

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|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| | Bosch | | | Bosch | | | Bosch | |
| 13821 | | 23518 | 13883 | | 22001 | 13942 | | 22013 |
| 13822 | | 23517 | 13884 | | 25013 | 13943 | | 25726 |
| 13822 | | 23521 | 13885 | | 22510 | 13944 | | 25174 |
| 13822 | | 23549 | 13886 | | 22531 | 13945 | | 24061 |
| 13822 | | 25739 | 13887 | | 22513 | 13946 | | 25016 |
| 13823 | | 25643 | 13888 | | 22098 | 13947 | | 24166 |
| 13824 | | 25643 | 13889 | | 22100 | 13948 | | 24521 |
| 13825 | | 23001 | 13890 | | 24535 | 13949 | | 25609 |
| 13826 | | 24109 | 13891 | | 24535 | 13950 | | 22013 |
| 13827 | | 24521 | 13892 | | 22119 | 13951 | | 25608 |
| 13828 | | 23559 | 13893 | | 25595 | 13952 | | 25546 |
| 13829 | | 23518 | 13894 | | 22120 | 13953 | | 22013 |
| 13830 | | 23513 | 13895 | | 22099 | 13954 | | 24346 |
| 13831 | | 24225 | 13896 | | 24518 | 13955 | | 25173 |
| 13832 | | 23515 | 13897 | | 24247 | 13957 | | 25034 |
| 13833 | | 23558 | 13898 | | 24505 | 13957 | | 25040 |
| 13834 | | 23523 | 13899 | | 24547 | 13957 | | 25524 |
| 13835 | | 22032 | 13900 | | 24676 | 13957 | | 25576 |
| 13836 | | 24504 | 13901 | | 24581 | 13958 | | 24346 |
| 13837 | | 24577 | 13902 | | 24567 | 13958 | | 24359 |
| 13838 | | 22001 | 13903 | | 24504 | 13959 | | 24241 |
| 13839 | | 25638 | 13904 | | 24575 | 13959 | | 24249 |
| 13840 | | 24414 | 13905 | | 24581 | 13959 | | 24255 |
| 13841 | | 24529 | 13906 | | 24547 | 13959 | | 24414 |
| 13842 | | 25550 | 13907 | | 24547 | 13959 | | 24416 |
| 13843 | | 24201 | 13908 | | 24579 | 13959 | | 24417 |
| 13844 | | 24202 | 13909 | | 24079 | 13959 | | 24585 |
| 13845 | | 24203 | 13910 | | 24137 | 13959 | | 24675 |
| 13846 | | 25577 | 13911 | | 24649 | 13959 | | 25667 |
| 13847 | | 21054 | 13912 | | 24561 | 13960 | | 22094 |
| 13848 | | 24075 | 13913 | | 22014 | 13961 | | 24048 |
| 13849 | | 24545 | 13914 | | 24561 | 13962 | | 24678 |
| 13850 | | 22095 | 13915 | | 25038 | 13963 | | 24194 |
| 13851 | | 24255 | 13916 | | 24555 | 13964 | | 22064 |
| 13852 | | 24653 | 13917 | | 24808 | 13965 | | 24302 |
| 13853 | | 24259 | 13918 | | 25506 | 13966 | | 24259 |
| 13854 | | 24076 | 13919 | | 24808 | 13967 | | 22091 |
| 13855 | | 23088 | 13920 | | 24555 | 13968 | | 24618 |
| 13856 | | 24581 | 13921 | | 24605 | 13969 | | 24641 |
| 13857 | | 22504 | 13922 | | 24308 | 13969 | | 24648 |
| 13858 | | 22032 | 13923 | | 25044 | 13970 | | 22523 |
| 13859 | | 24577 | 13924 | | 25516 | 13971 | | 22098 |
| 13860 | | 25564 | 13925 | | 25081 | 13972 | | 22027 |
| 13861 | | 22502 | 13926 | | 25726 | 13973 | | 24172 |
| 13862 | | 25564 | 13927 | | 25017 | 13974 | | 24675 |
| 13863 | | 22531 | 13928 | | 24109 | 13975 | | 24172 |
| 13864 | | 25568 | 13929 | | 24542 | 13976 | | 24061 |
| 13865 | | 22001 | 13930 | | 25081 | 13977 | | 24542 |
| 13866 | | 24684 | 13931 | | 25034 | 13978 | | 24633 |
| 13867 | | 22523 | 13932 | | 23522 | 13979 | | 24584 |
| 13868 | | 22514 | 13933 | | 23518 | 13980 | | 24554 |
| 13869 | | 23160 | 13934 | | 22032 | 13981 | | 25163 |
| 13870 | | 22533 | 13935 | | 22523 | 13982 | | 25700 |
| 13871 | | 23114 | 13936 | | 25574 | 13983 | | 24548 |
| 13872 | | 21523 | 13937 | | 23529 | 13984 | | 24566 |
| 13873 | | 21547 | 13937 | | 23533 | 13985 | | 24554 |
| 13875 | | 25617 | 13937 | | 23544 | 13986 | | 24559 |
| 13876 | | 25617 | 13937 | | 23556 | 13987 | | 24554 |
| 13877 | | 23155 | 13937 | | 25005 | 13988 | | 24553 |
| 13878 | | 25648 | 13938 | | 24172 | 13989 | | 24559 |
| 13879 | | 24230 | 13938 | | 24239 | 13990 | | 24657 |
| 13880 | | 22001 | 13939 | | 22032 | 13991 | | 24594 |
| 13881 | | 22095 | 13940 | | 25699 | 13992 | | 24808 |
| 13882 | | 24244 | 13941 | | 24603 | 13993 | | 24657 |

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Interchanges / Références

THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | | | |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|-------|--|--|
| | Bosch | | | | Bosch | | | | Bosch | | |
| 13994 | | 25034 | 15054 | | 25580 | 15120 | | 24605 | | | |
| 13995 | | 24658 | 15055 | | 25646 | 15120 | | 24840 | | | |
| 13996 | | 24661 | 15055 | | 25694 | 15121 | | 24132 | | | |
| 13997 | | 24662 | 15056 | | 25591 | 15122 | | 23566 | | | |
| 13998 | | 24670 | 15057 | | 25630 | 15123 | | 23018 | | | |
| 13999 | | 24656 | 15058 | | 25536 | 15124 | | 25186 | | | |
| 15000 | | 21555 | 15059 | | 21508 | 15125 | | 24605 | | | |
| 15001 | | 22500 | 15061 | | 24807 | 15125 | | 24840 | | | |
| 15002 | | 24665 | 15062 | | 25538 | 15126 | | 24566 | | | |
| 15003 | | 25564 | 15063 | | 25580 | 15126 | | 24842 | | | |
| 15004 | | 24423 | 15064 | | 24429 | 15127 | | 24649 | | | |
| 15005 | | 25567 | 15064 | | 24430 | 15127 | | 24841 | | | |
| 15006 | | 23159 | 15065 | | 24246 | 15128 | | 21558 | | | |
| 15007 | | 23158 | 15066 | | 24245 | 15129 | | 21545 | | | |
| 15008 | | 22060 | 15068 | | 23519 | 15130 | | 21556 | | | |
| 15009 | | 24048 | 15069 | | 23551 | 15130 | | 21576 | | | |
| 15010 | | 22060 | 15070 | | 24305 | 15131 | | 21561 | | | |
| 15011 | | 24821 | 15071 | | 24547 | 15132 | | 21023 | | | |
| 15012 | | 22503 | 15072 | | 23520 | 15133 | | 21546 | | | |
| 15013 | | 24663 | 15073 | | 24570 | 15135 | | 21546 | | | |
| 15014 | | 22060 | 15074 | | 25651 | 15136 | | 21065 | | | |
| 15015 | | 24667 | 15075 | | 24129 | 15136 | | 21558 | | | |
| 15016 | | 22060 | 15076 | | 24600 | 15137 | | 21559 | | | |
| 15017 | | 25699 | 15077 | | 24560 | 15138 | | 25618 | | | |
| 15018 | | 22500 | 15079 | | 24259 | 15139 | | 21559 | | | |
| 15019 | | 24821 | 15080 | | 24255 | 15140 | | 21049 | | | |
| 15020 | | 22501 | 15081 | | 24668 | 15141 | | 21565 | | | |
| 15021 | | 24688 | 15082 | | 24820 | 15142 | | 21514 | | | |
| 15022 | | 22500 | 15083 | | 25583 | 15143 | | 24320 | | | |
| 15023 | | 24642 | 15084 | | 24432 | 15144 | | 21567 | | | |
| 15024 | | 25549 | 15085 | | 24249 | 15145 | | 21565 | | | |
| 15025 | | 24642 | 15086 | | 24250 | 15146 | | 24312 | | | |
| 15026 | | 25549 | 15087 | | 24808 | 15147 | | 21563 | | | |
| 15027 | | 24026 | 15088 | | 25546 | 15148 | | 25189 | | | |
| 15028 | | 24642 | 15089 | | 24594 | 15148 | | 25666 | | | |
| 15028 | | 24651 | 15090 | | 25594 | 15149 | | 25190 | | | |
| 15029 | | 24598 | 15091 | | 25594 | 15150 | | 21023 | | | |
| 15030 | | 24651 | 15092 | | 25599 | 15150 | | 21060 | | | |
| 15031 | | 24642 | 15093 | | 24662 | 15150 | | 21559 | | | |
| 15032 | | 24642 | 15094 | | 25596 | 15151 | | 21058 | | | |
| 15033 | | 25155 | 15095 | | 24827 | 15151 | | 21064 | | | |
| 15034 | | 25155 | 15096 | | 24564 | 15151 | | 21068 | | | |
| 15035 | | 25591 | 15097 | | 25581 | 15151 | | 21560 | | | |
| 15036 | | 25146 | 15098 | | 25554 | 15152 | | 21546 | | | |
| 15037 | | 25147 | 15099 | | 25585 | 15153 | | 21069 | | | |
| 15038 | | 21507 | 15100 | | 24594 | 15153 | | 21561 | | | |
| 15039 | | 21525 | 15101 | | 24833 | 15154 | | 21555 | | | |
| 15040 | | 24296 | 15102 | | 24521 | 15155 | | 21546 | | | |
| 15041 | | 24280 | 15103 | | 24594 | 15156 | | 21546 | | | |
| 15042 | | 24830 | 15104 | | 24594 | 15157 | | 25083 | | | |
| 15042 | | 25673 | 15105 | | 25721 | 15158 | | 25079 | | | |
| 15043 | | 22506 | 15106 | | 24594 | 15159 | | 21063 | | | |
| 15043 | | 25673 | 15107 | | 24677 | 15160 | | 25644 | | | |
| 15044 | | 21041 | 15108 | | 24662 | 15161 | | 21546 | | | |
| 15045 | | 23115 | 15109 | | 25587 | 15163 | | 24661 | | | |
| 15046 | | 23055 | 15110 | | 24833 | 15164 | | 21561 | | | |
| 15047 | | 23114 | 15111 | | 24594 | 15165 | | 21061 | | | |
| 15048 | | 25620 | 15112 | | 24594 | 15165 | | 21566 | | | |
| 15049 | | 25550 | 15113 | | 21058 | 15166 | | 21566 | | | |
| 15050 | | 25151 | 15114 | | 21555 | 15167 | | 25676 | | | |
| 15051 | | 24279 | 15116 | | 24662 | 15168 | | 24333 | | | |
| 15052 | | 24694 | 15117 | | 24833 | 15169 | | 24696 | | | |
| 15052 | | 24838 | 15118 | | 24833 | 15170 | | 24642 | | | |
| 15053 | | 21508 | 15119 | | 24131 | 15171 | | 24696 | | | |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| | Bosch | | | Bosch | | | Bosch | |
| 15172 | | 24642 | 15237 | | 24551 | 15292 | | 22500 |
| 15173 | | 25646 | 15238 | | 24571 | 15293 | | 21507 |
| 15174 | | 25619 | 15239 | | 24605 | 15293 | | 24259 |
| 15175 | | 25623 | 15240 | | 25191 | 15294 | | 24280 |
| 15176 | | 24320 | 15241 | | 21560 | 15294 | | 24817 |
| 15177 | | 25662 | 15242 | | 24504 | 15295 | | 21507 |
| 15178 | | 25646 | 15243 | | 24605 | 15295 | | 24281 |
| 15179 | | 25662 | 15244 | | 24549 | 15295 | | 24296 |
| 15180 | | 25662 | 15244 | | 24808 | 15296 | | 24026 |
| 15181 | | 25646 | 15245 | | 24035 | 15297 | | 23133 |
| 15181 | | 25662 | 15246 | | 24807 | 15298 | | 23145 |
| 15182 | | 25652 | 15247 | | 24581 | 15299 | | 23146 |
| 15183 | | 25652 | 15248 | | 21556 | 15300 | | 23144 |
| 15184 | | 25623 | 15248 | | 21576 | 15301 | | 23125 |
| 15185 | | 25619 | 15249 | | 24061 | 15302 | | 23143 |
| 15187 | | 24690 | 15250 | | 25581 | 15303 | | 23527 |
| 15188 | | 23524 | 15251 | | 21058 | 15304 | | 23141 |
| 15189 | | 24674 | 15252 | | 24445 | 15305 | | 23135 |
| 15190 | | 23558 | 15253 | | 24446 | 15306 | | 23137 |
| 15191 | | 23521 | 15254 | | 21064 | 15307 | | 23132 |
| 15193 | | 23550 | 15255 | | 25554 | 15308 | | 23132 |
| 15194 | | 24688 | 15256 | | 22532 | 15309 | | 24811 |
| 15195 | | 24594 | 15257 | | 22505 | 15310 | | 24564 |
| 15196 | | 21547 | 15258 | | 22505 | 15310 | | 24811 |
| 15197 | | 24662 | 15259 | | 22528 | 15311 | | 22060 |
| 15198 | | 24827 | 15260 | | 25680 | 15312 | | 22106 |
| 15199 | | 22528 | 15261 | | 25538 | 15313 | | 24547 |
| 15200 | | 21546 | 15262 | | 22103 | 15314 | | 22000 |
| 15201 | | 21546 | 15263 | | 22102 | 15314 | | 22092 |
| 15202 | | 25567 | 15264 | | 25680 | 15314 | | 22118 |
| 15203 | | 24669 | 15265 | | 22104 | 15314 | | 22528 |
| 15204 | | 24669 | 15266 | | 22513 | 15314 | | 22532 |
| 15205 | | 24554 | 15267 | | 22514 | 15314 | | 25156 |
| 15206 | | 24669 | 15268 | | 25700 | 15315 | | 22505 |
| 15207 | | 24602 | 15269 | | 24549 | 15316 | | 22519 |
| 15208 | | 24575 | 15270 | | 24549 | 15317 | | 22523 |
| 15209 | | 24065 | 15271 | | 24010 | 15318 | | 24266 |
| 15210 | | 24559 | 15271 | | 24036 | 15319 | | 24037 |
| 15211 | | 24568 | 15272 | | 24649 | 15320 | | 25183 |
| 15212 | | 24568 | 15273 | | 24579 | 15321 | | 25627 |
| 15213 | | 24566 | 15274 | | 24411 | 15322 | | 22032 |
| 15214 | | 24444 | 15275 | | 24294 | 15322 | | 22531 |
| 15215 | | 24295 | 15276 | | 24295 | 15323 | | 22090 |
| 15215 | | 24579 | 15277 | | 24547 | 15323 | | 22117 |
| 15216 | | 24669 | 15278 | | 22114 | 15324 | | 22118 |
| 15217 | | 24657 | 15279 | | 21047 | 15324 | | 25156 |
| 15217 | | 25697 | 15280 | | 21048 | 15325 | | 22096 |
| 15218 | | 23098 | 15280 | | 21562 | 15326 | | 22097 |
| 15220 | | 24674 | 15281 | | 21042 | 15327 | | 22090 |
| 15221 | | 23522 | 15282 | | 21059 | 15328 | | 22089 |
| 15222 | | 23518 | 15282 | | 21067 | 15329 | | 22089 |
| 15223 | | 23521 | 15282 | | 21072 | 15330 | | 22094 |
| 15224 | | 24573 | 15282 | | 21549 | 15330 | | 22502 |
| 15225 | | 24634 | 15283 | | 21067 | 15331 | | 24614 |
| 15226 | | 21547 | 15283 | | 21555 | 15332 | | 24614 |
| 15227 | | 25184 | 15284 | | 21546 | 15333 | | 24578 |
| 15228 | | 24421 | 15285 | | 21049 | 15334 | | 25182 |
| 15230 | | 24320 | 15286 | | 24835 | 15335 | | 25655 |
| 15231 | | 24594 | 15287 | | 24238 | 15336 | | 24578 |
| 15232 | | 25666 | 15288 | | 24277 | 15337 | | 25671 |
| 15233 | | 25187 | 15289 | | 24579 | 15338 | | 23559 |
| 15234 | | 25632 | 15290 | | 21547 | 15339 | | 25627 |
| 15235 | | 25538 | 15290 | | 24806 | 15340 | | 24618 |
| 15236 | | 25188 | 15291 | | 21547 | 15341 | | 25672 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | | | |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|-------|--|--|
| | Bosch | | | | Bosch | | | | Bosch | | |
| 15342 | | 24619 | 15400 | | 24803 | 15455 | | 23521 | | | |
| 15343 | | 24618 | 15401 | | 24302 | 15456 | | 23518 | | | |
| 15344 | | 23515 | 15401 | | 24305 | 15457 | | 23522 | | | |
| 15345 | | 24039 | 15402 | | 24302 | 15458 | | 23524 | | | |
| 15346 | | 25194 | 15403 | | 24287 | 15459 | | 23551 | | | |
| 15346 | | 25671 | 15404 | | 24427 | 15460 | | 23518 | | | |
| 15347 | | 23515 | 15405 | | 24292 | 15461 | | 23522 | | | |
| 15348 | | 23514 | 15406 | | 24426 | 15462 | | 23524 | | | |
| 15349 | | 23549 | 15407 | | 24429 | 15463 | | 25686 | | | |
| 15350 | | 23549 | 15408 | | 24254 | 15465 | | 23110 | | | |
| 15351 | | 23549 | 15408 | | 24423 | 15466 | | 24527 | | | |
| 15352 | | 23523 | 15408 | | 24431 | 15467 | | 24618 | | | |
| 15353 | | 23549 | 15409 | | 24647 | 15468 | | 21548 | | | |
| 15354 | | 23523 | 15410 | | 24258 | 15469 | | 23141 | | | |
| 15355 | | 24620 | 15410 | | 24412 | 15471 | | 24414 | | | |
| 15356 | | 21512 | 15411 | | 24413 | 15472 | | 24665 | | | |
| 15357 | | 23551 | 15412 | | 24413 | 15473 | | 24664 | | | |
| 15358 | | 23518 | 15413 | | 24414 | 15474 | | 24242 | | | |
| 15359 | | 21511 | 15414 | | 24559 | 15475 | | 25542 | | | |
| 15360 | | 23513 | 15415 | | 24559 | 15476 | | 24240 | | | |
| 15361 | | 21512 | 15416 | | 24559 | 15476 | | 24251 | | | |
| 15362 | | 24154 | 15417 | | 24554 | 15476 | | 24410 | | | |
| 15363 | | 24528 | 15418 | | 24554 | 15477 | | 24675 | | | |
| 15364 | | 25069 | 15419 | | 24594 | 15478 | | 24586 | | | |
| 15365 | | 24297 | 15420 | | 24560 | 15478 | | 24587 | | | |
| 15366 | | 25627 | 15421 | | 24594 | 15478 | | 24679 | | | |
| 15367 | | 25196 | 15421 | | 24651 | 15479 | | 24061 | | | |
| 15368 | | 25679 | 15422 | | 24651 | 15479 | | 24243 | | | |
| 15369 | | 24248 | 15423 | | 24594 | 15480 | | 24239 | | | |
| 15369 | | 24298 | 15424 | | 24554 | 15481 | | 24239 | | | |
| 15370 | | 24450 | 15425 | | 24663 | 15482 | | 24668 | | | |
| 15371 | | 25670 | 15426 | | 22101 | 15483 | | 24172 | | | |
| 15372 | | 24320 | 15426 | | 24445 | 15484 | | 24679 | | | |
| 15373 | | 25720 | 15427 | | 22116 | 15485 | | 24594 | | | |
| 15374 | | 24360 | 15427 | | 22120 | 15486 | | 24662 | | | |
| 15375 | | 25698 | 15428 | | 22100 | 15486 | | 24837 | | | |
| 15376 | | 24588 | 15429 | | 22097 | 15487 | | 24560 | | | |
| 15377 | | 24574 | 15429 | | 24779 | 15487 | | 24564 | | | |
| 15378 | | 24550 | 15430 | | 22115 | 15488 | | 24594 | | | |
| 15379 | | 25198 | 15431 | | 22118 | 15489 | | 24662 | | | |
| 15380 | | 25679 | 15432 | | 21529 | 15490 | | 24827 | | | |
| 15380 | | 25685 | 15433 | | 21535 | 15491 | | 25666 | | | |
| 15381 | | 25685 | 15434 | | 21545 | 15492 | | 25667 | | | |
| 15382 | | 25679 | 15435 | | 21049 | 15493 | | 24320 | | | |
| 15383 | | 22134 | 15436 | | 24572 | 15494 | | 21556 | | | |
| 15383 | | 22135 | 15437 | | 24638 | 15495 | | 21525 | | | |
| 15383 | | 22139 | 15438 | | 23133 | 15496 | | 21525 | | | |
| 15384 | | 24449 | 15439 | | 23129 | 15497 | | 23569 | | | |
| 15385 | | 24550 | 15440 | | 23529 | 15498 | | 23026 | | | |
| 15386 | | 22018 | 15442 | | 25627 | 15499 | | 23556 | | | |
| 15387 | | 24450 | 15443 | | 25627 | 15500 | | 21553 | | | |
| 15387 | | 24465 | 15444 | | 24638 | 15501 | | 24664 | | | |
| 15388 | | 24325 | 15445 | | 24639 | 15502 | | 24659 | | | |
| 15389 | | 24573 | 15446 | | 24681 | 15503 | | 21530 | | | |
| 15390 | | 24288 | 15447 | | 25010 | 15504 | | 23135 | | | |
| 15391 | | 24417 | 15447 | | 25078 | 15505 | | 23137 | | | |
| 15392 | | 24585 | 15448 | | 24101 | 15506 | | 23132 | | | |
| 15393 | | 24301 | 15449 | | 21035 | 15507 | | 23132 | | | |
| 15394 | | 24660 | 15450 | | 24670 | 15508 | | 23527 | | | |
| 15395 | | 24660 | 15451 | | 23523 | 15509 | | 23556 | | | |
| 15396 | | 24033 | 15451 | | 23524 | 15510 | | 23030 | | | |
| 15397 | | 24665 | 15452 | | 23516 | 15510 | | 23143 | | | |
| 15398 | | 24585 | 15453 | | 23521 | 15510 | | 23159 | | | |
| 15399 | | 24665 | 15454 | | 23518 | 15510 | | 23161 | | | |

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|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| Bosch | | | Bosch | | | Bosch | | |
| 15510 | | 25220 | 15571 | | 24663 | 15624 | | 24661 |
| 15511 | | 23137 | 15571 | | 24827 | 15625 | | 21525 |
| 15511 | | 23158 | 15572 | | 24827 | 15626 | | 25607 |
| 15512 | | 23051 | 15573 | | 24694 | 15627 | | 25631 |
| 15513 | | 23531 | 15574 | | 24694 | 15627 | | 25702 |
| 15514 | | 21512 | 15574 | | 24838 | 15628 | | 22060 |
| 15515 | | 21512 | 15574 | | 24845 | 15629 | | 21516 |
| 15516 | | 23522 | 15575 | | 24631 | 15630 | | 25624 |
| 15517 | | 24298 | 15576 | | 23523 | 15631 | | 21043 |
| 15518 | | 24407 | 15577 | | 23521 | 15633 | | 25573 |
| 15519 | | 24404 | 15578 | | 23551 | 15634 | | 21507 |
| 15520 | | 24298 | 15579 | | 21512 | 15635 | | 21525 |
| 15521 | | 24408 | 15580 | | 23518 | 15636 | | 24696 |
| 15522 | | 24408 | 15580 | | 24674 | 15637 | | 25590 |
| 15523 | | 24404 | 15580 | | 25732 | 15638 | | 24576 |
| 15524 | | 24401 | 15581 | | 23518 | 15639 | | 21043 |
| 15525 | | 24298 | 15581 | | 23558 | 15640 | | 21547 |
| 15525 | | 24404 | 15581 | | 24050 | 15641 | | 24594 |
| 15526 | | 24405 | 15581 | | 24674 | 15642 | | 24581 |
| 15527 | | 24406 | 15582 | | 24690 | 15643 | | 25610 |
| 15528 | | 24299 | 15583 | | 23522 | 15644 | | 25610 |
| 15529 | | 24400 | 15584 | | 24452 | 15644 | | 25683 |
| 15530 | | 24062 | 15585 | | 21512 | 15645 | | 22007 |
| 15531 | | 24062 | 15586 | | 24696 | 15646 | | 24304 |
| 15532 | | 24044 | 15586 | | 24825 | 15647 | | 25176 |
| 15533 | | 24642 | 15587 | | 23513 | 15648 | | 25177 |
| 15534 | | 24551 | 15588 | | 24688 | 15649 | | 24594 |
| 15535 | | 24569 | 15589 | | 23550 | 15650 | | 25169 |
| 15536 | | 25157 | 15590 | | 24688 | 15651 | | 25180 |
| 15537 | | 24659 | 15591 | | 24535 | 15651 | | 25194 |
| 15538 | | 24102 | 15592 | | 23513 | 15651 | | 25195 |
| 15539 | | 24642 | 15593 | | 23518 | 15652 | | 25160 |
| 15540 | | 25577 | 15594 | | 23522 | 15653 | | 25178 |
| 15541 | | 24534 | 15595 | | 23524 | 15654 | | 25180 |
| 15542 | | 24642 | 15596 | | 23550 | 15655 | | 25069 |
| 15543 | | 21044 | 15597 | | 23518 | 15655 | | 25170 |
| 15543 | | 21545 | 15598 | | 23522 | 15655 | | 25181 |
| 15544 | | 21537 | 15599 | | 23524 | 15656 | | 25151 |
| 15545 | | 21054 | 15600 | | 23550 | 15657 | | 25175 |
| 15546 | | 21516 | 15601 | | 23521 | 15658 | | 25175 |
| 15547 | | 21514 | 15602 | | 23518 | 15659 | | 25158 |
| 15548 | | 21546 | 15603 | | 23524 | 15660 | | 25152 |
| 15549 | | 21042 | 15604 | | 23550 | 15661 | | 25158 |
| 15550 | | 21545 | 15605 | | 24688 | 15662 | | 25158 |
| 15551 | | 21514 | 15606 | | 24650 | 15663 | | 22125 |
| 15552 | | 25653 | 15607 | | 24688 | 15664 | | 22524 |
| 15553 | | 21514 | 15608 | | 24650 | 15665 | | 24299 |
| 15554 | | 21517 | 15609 | | 21511 | 15665 | | 24401 |
| 15555 | | 24697 | 15610 | | 24650 | 15666 | | 24298 |
| 15556 | | 21053 | 15611 | | 23513 | 15667 | | 24320 |
| 15557 | | 24653 | 15613 | | 24690 | 15668 | | 25569 |
| 15558 | | 25630 | 15614 | | 23525 | 15669 | | 25587 |
| 15559 | | 24806 | 15615 | | 23550 | 15670 | | 24594 |
| 15560 | | 21547 | 15615 | | 23551 | 15671 | | 24594 |
| 15561 | | 24653 | 15616 | | 24293 | 15672 | | 24453 |
| 15562 | | 25154 | 15617 | | 24548 | 15672 | | 24470 |
| 15563 | | 21514 | 15618 | | 24566 | 15672 | | 24594 |
| 15564 | | 21546 | 15618 | | 24808 | 15672 | | 24780 |
| 15565 | | 21055 | 15619 | | 24047 | 15674 | | 24594 |
| 15566 | | 24564 | 15620 | | 24236 | 15675 | | 22126 |
| 15567 | | 24594 | 15620 | | 24687 | 15677 | | 24687 |
| 15568 | | 24649 | 15621 | | 24605 | 15679 | | 24593 |
| 15569 | | 24677 | 15622 | | 24662 | 15680 | | 25658 |
| 15570 | | 25721 | 15623 | | 24662 | 15681 | | 25658 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | | | |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|-------|--|--|
| | Bosch | | | | Bosch | | | | Bosch | | |
| 15682 | | 25627 | 15718 | | 22500 | 15803 | | 24521 | | | |
| 15683 | | 24687 | 15718 | | 22503 | 15804 | | 22125 | | | |
| 15684 | | 24677 | 15719 | | 22009 | 15805 | | 22500 | | | |
| 15685 | | 24594 | 15719 | | 22016 | 15806 | | 25706 | | | |
| 15686 | | 24581 | 15719 | | 22056 | 15807 | | 22500 | | | |
| 15687 | | 24579 | 15719 | | 22106 | 15809 | | 22501 | | | |
| 15688 | | 24594 | 15719 | | 22113 | 15810 | | 25662 | | | |
| 15689 | | 24594 | 15719 | | 22500 | 15811 | | 25646 | | | |
| 15690 | | 24661 | 15719 | | 22501 | 15812 | | 25619 | | | |
| 15691 | | 24662 | 15719 | | 22503 | 15814 | | 24598 | | | |
| 15692 | | 24662 | 15719 | | 25646 | 15815 | | 25662 | | | |
| 15695 | | 25619 | 15724 | | 22009 | 15816 | | 25619 | | | |
| 15696 | | 21035 | 15724 | | 22500 | 15817 | | 25663 | | | |
| 15697 | | 21558 | 15752 | | 22500 | 15817 | | 25704 | | | |
| 15698 | | 21066 | 15753 | | 22124 | 15818 | | 25646 | | | |
| 15698 | | 21568 | 15755 | | 22046 | 15819 | | 24519 | | | |
| 15699 | | 21564 | 15756 | | 24677 | 15820 | | 24521 | | | |
| 15700 | | 21004 | 15757 | | 24545 | 15821 | | 24526 | | | |
| 15701 | | 21541 | 15758 | | 25721 | 15822 | | 25646 | | | |
| 15702 | | 21506 | 15759 | | 24566 | 15823 | | 25716 | | | |
| 15703 | | 21006 | 15761 | | 24564 | 15824 | | 24823 | | | |
| 15703 | | 24653 | 15762 | | 24605 | 15824 | | 25663 | | | |
| 15704 | | 23007 | 15763 | | 24827 | 15825 | | 23532 | | | |
| 15704 | | 23023 | 15764 | | 24662 | 15825 | | 23537 | | | |
| 15704 | | 23036 | 15765 | | 24827 | 15846 | | 25631 | | | |
| 15704 | | 23093 | 15766 | | 24414 | 15848 | | 25184 | | | |
| 15704 | | 23118 | 15767 | | 24661 | 15850 | | 21054 | | | |
| 15704 | | 23119 | 15768 | | 24833 | 15857 | | 24637 | | | |
| 15705 | | 23039 | 15769 | | 22516 | 15859 | | 22516 | | | |
| 15705 | | 23126 | 15769 | | 24630 | 15860 | | 21044 | | | |
| 15705 | | 23131 | 15769 | | 24635 | 15861 | | 24526 | | | |
| 15705 | | 23145 | 15772 | | 25670 | 15862 | | 21047 | | | |
| 15705 | | 23506 | 15773 | | 24635 | 15863 | | 24635 | | | |
| 15706 | | 23035 | 15774 | | 24232 | 15865 | | 24544 | | | |
| 15707 | | 23032 | 15775 | | 24632 | 15867 | | 24606 | | | |
| 15707 | | 23148 | 15776 | | 24232 | 15869 | | 22516 | | | |
| 15708 | | 22088 | 15779 | | 22060 | 15871 | | 24635 | | | |
| 15708 | | 22092 | 15781 | | 22060 | 15873 | | 24635 | | | |
| 15708 | | 22528 | 15782 | | 24354 | 15875 | | 24632 | | | |
| 15709 | | 24022 | 15782 | | 24356 | 15877 | | 24632 | | | |
| 15710 | | 24169 | 15782 | | 24392 | 15879 | | 24630 | | | |
| 15710 | | 24289 | 15782 | | 24393 | 15881 | | 24637 | | | |
| 15710 | | 24425 | 15783 | | 24443 | 15882 | | 24637 | | | |
| 15711 | | 24059 | 15784 | | 24829 | 15884 | | 24630 | | | |
| 15711 | | 24111 | 15785 | | 22060 | 15892 | | 21043 | | | |
| 15711 | | 24536 | 15786 | | 24698 | 15894 | | 21035 | | | |
| 15711 | | 24537 | 15787 | | 22060 | 15894 | | 21044 | | | |
| 15711 | | 24539 | 15788 | | 24355 | 15894 | | 21545 | | | |
| 15712 | | 24042 | 15788 | | 24368 | 15895 | | 21048 | | | |
| 15713 | | 22060 | 15788 | | 24391 | 15895 | | 21514 | | | |
| 15714 | | 22060 | 15789 | | 22501 | 15896 | | 21047 | | | |
| 15715 | | 22500 | 15790 | | 24446 | 15896 | | 21516 | | | |
| 15716 | | 22016 | 15791 | | 22500 | 15897 | | 21043 | | | |
| 15716 | | 22060 | 15792 | | 21512 | 15898 | | 21045 | | | |
| 15716 | | 22500 | 15793 | | 23521 | 15898 | | 21049 | | | |
| 15717 | | 22012 | 15794 | | 24674 | 15899 | | 21055 | | | |
| 15717 | | 22016 | 15795 | | 23524 | 15899 | | 21517 | | | |
| 15717 | | 22045 | 15796 | | 24790 | 15900 | | 21053 | | | |
| 15717 | | 22060 | 15797 | | 24544 | 15901 | | 21548 | | | |
| 15717 | | 22071 | 15798 | | 24843 | 15902 | | 21048 | | | |
| 15717 | | 22130 | 15799 | | 25192 | 15902 | | 21562 | | | |
| 15717 | | 22500 | 15800 | | 25619 | 15903 | | 21042 | | | |
| 15718 | | 22009 | 15801 | | 25591 | 15903 | | 21523 | | | |
| 15718 | | 22113 | 15802 | | 22007 | 15906 | | 24301 | | | |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| Bosch | | | Bosch | | | Bosch | | |
| 15906 | | 24302 | 15981 | | 22516 | 16075 | | 25604 |
| 15908 | | 24259 | 15982 | | 24676 | 16077 | | 27052 |
| 15910 | | 24302 | 15983 | | 24526 | 16078 | | 25755 |
| 15912 | | 24255 | 15984 | | 24662 | 16085 | | 25753 |
| 15914 | | 25670 | 15985 | | 24606 | 16086 | | 25755 |
| 15916 | | 25670 | 15986 | | 24237 | 16087 | | 25604 |
| 15918 | | 25669 | 15986 | | 24451 | 16088 | | 21556 |
| 15920 | | 25670 | 15987 | | 24606 | 16089 | | 21556 |
| 15922 | | 24232 | 15988 | | 24833 | 16090 | | 25766 |
| 15924 | | 24688 | 15989 | | 22521 | 16091 | | 25597 |
| 15926 | | 24657 | 15990 | | 24594 | 16093 | | 25597 |
| 15928 | | 24695 | 15992 | | 24594 | 16096 | | 25766 |
| 15930 | | 24696 | 15994 | | 24594 | 16100 | | 25592 |
| 15930 | | 24825 | 15996 | | 24833 | 16101 | | 25592 |
| 15934 | | 24827 | 15997 | | 24521 | 16109 | | 25604 |
| 15936 | | 25607 | 15998 | | 24827 | 16114 | | 23567 |
| 15937 | | 24646 | 16000 | | 25656 | 16116 | | 25186 |
| 15939 | | 24641 | 16002 | | 25614 | 16118 | | 25186 |
| 15942 | | 24642 | 16002 | | 25656 | 16119 | | 25621 |
| 15943 | | 24645 | 16002 | | 25657 | 16121 | | 25622 |
| 15944 | | 24255 | 16002 | | 25668 | 16121 | | 25689 |
| 15945 | | 24618 | 16002 | | 25675 | 16122 | | 21577 |
| 15946 | | 24694 | 16002 | | 25729 | 16123 | | 25617 |
| 15946 | | 24838 | 16007 | | 25657 | 16125 | | 25617 |
| 15947 | | 24618 | 16008 | | 25757 | 16132 | | 21569 |
| 15948 | | 24254 | 16009 | | 25758 | 16132 | | 21574 |
| 15948 | | 24409 | 16017 | | 21569 | 16132 | | 25588 |
| 15949 | | 24641 | 16021 | | 25754 | 16132 | | 25604 |
| 15950 | | 24694 | 16022 | | 25752 | 16132 | | 25605 |
| 15951 | | 24618 | 16023 | | 25589 | 16133 | | 21569 |
| 15952 | | 24254 | 16025 | | 25753 | 16134 | | 21571 |
| 15953 | | 24527 | 16026 | | 25764 | 16136 | | 25656 |
| 15953 | | 24618 | 16026 | | 25767 | 16136 | | 25657 |
| 15954 | | 24694 | 16030 | | 25614 | 16136 | | 25668 |
| 15954 | | 24838 | 16031 | | 25676 | 16136 | | 25675 |
| 15955 | | 24527 | 16032 | | 25753 | 16136 | | 25725 |
| 15956 | | 24254 | 16033 | | 25752 | 16136 | | 25729 |
| 15957 | | 24606 | 16034 | | 25604 | 16139 | | 25604 |
| 15958 | | 24594 | 16034 | | 25622 | 16140 | | 25714 |
| 15959 | | 24544 | 16034 | | 25723 | 16141 | | 25604 |
| 15960 | | 24662 | 16035 | | 25753 | 16145 | | 25719 |
| 15960 | | 24837 | 16037 | | 25622 | 16146 | | 25592 |
| 15961 | | 24544 | 16039 | | 25604 | 16147 | | 25659 |
| 15962 | | 24827 | 16042 | | 25752 | 16148 | | 22542 |
| 15963 | | 24638 | 16043 | | 25749 | 16150 | | 25732 |
| 15964 | | 24663 | 16044 | | 25657 | 16151 | | 24852 |
| 15965 | | 24572 | 16046 | | 25711 | 16152 | | 25766 |
| 15966 | | 24827 | 16048 | | 21572 | 16159 | | 25588 |
| 15967 | | 24640 | 16050 | | 25592 | 16161 | | 24798 |
| 15968 | | 24662 | 16051 | | 25593 | 16162 | | 25730 |
| 15968 | | 24663 | 16052 | | 25766 | 16165 | | 22500 |
| 15969 | | 24638 | 16057 | | 25696 | 16167 | | 25617 |
| 15970 | | 24571 | 16063 | | 21521 | 16173 | | 25593 |
| 15971 | | 24527 | 16064 | | 21531 | 16174 | | 25592 |
| 15972 | | 24605 | 16065 | | 24313 | 16175 | | 21531 |
| 15973 | | 24632 | 16066 | | 24313 | 16177 | | 25722 |
| 15974 | | 24661 | 16067 | | 25597 | 16179 | | 25616 |
| 15974 | | 24828 | 16068 | | 22541 | 16180 | | 25737 |
| 15974 | | 24833 | 16069 | | 25597 | 16181 | | 25617 |
| 15974 | | 24849 | 16070 | | 21556 | 16183 | | 25613 |
| 15975 | | 24632 | 16073 | | 25589 | 16197 | | 25592 |
| 15976 | | 21547 | 16073 | | 25597 | 16198 | | 25593 |
| 15978 | | 21547 | 16073 | | 25641 | 16199 | | 25592 |
| 15980 | | 21547 | 16073 | | 25645 | 16200 | | 21531 |

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Interchanges / Références

THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | | | |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|-------|--|--|
| | Bosch | | | | Bosch | | | | Bosch | | |
| 16201 | | 25719 | 16379 | | 25727 | 16552 | | 21574 | | | |
| 16202 | | 24800 | 16383 | | 25675 | 16554 | | 25622 | | | |
| 16203 | | 25736 | 16384 | | 25760 | 16557 | | 25622 | | | |
| 16205 | | 25653 | 16385 | | 25656 | 16559 | | 25605 | | | |
| 16207 | | 25738 | 16385 | | 25725 | 16575 | | 25649 | | | |
| 16213 | | 25604 | 16392 | | 25649 | 16582 | | 25705 | | | |
| 16218 | | 25735 | 16392 | | 25723 | 16584 | | 25621 | | | |
| 16220 | | 25740 | 16396 | | 25719 | 16586 | | 25605 | | | |
| 16225 | | 25729 | 16400 | | 25605 | 16586 | | 25622 | | | |
| 16227 | | 25725 | 16404 | | 25645 | 16587 | | 25605 | | | |
| 16233 | | 25740 | 16406 | | 25645 | 16589 | | 25605 | | | |
| 16239 | | 25740 | 16412 | | 25622 | 16591 | | 25622 | | | |
| 16243 | | 25689 | 16413 | | 25676 | 16595 | | 25653 | | | |
| 16246 | | 22536 | 16414 | | 25613 | 16595 | | 25727 | | | |
| 16247 | | 25621 | 16416 | | 25622 | 16596 | | 24298 | | | |
| 16249 | | 25621 | 16417 | | 25730 | 16596 | | 24644 | | | |
| 16255 | | 25604 | 16418 | | 25605 | 16609 | | 25605 | | | |
| 16256 | | 25741 | 16420 | | 25614 | 16611 | | 25656 | | | |
| 16257 | | 25604 | 16421 | | 25612 | 16611 | | 25725 | | | |
| 16259 | | 25621 | 16422 | | 25622 | 16613 | | 25675 | | | |
| 16261 | | 25705 | 16428 | | 25676 | 16622 | | 25592 | | | |
| 16263 | | 25727 | 16433 | | 25701 | 16623 | | 25701 | | | |
| 16268 | | 25616 | 16435 | | 25701 | 16624 | | 21531 | | | |
| 16272 | | 25617 | 16438 | | 25617 | 16643 | | 22536 | | | |
| 16273 | | 22536 | 16442 | | 25621 | 16651 | | 25748 | | | |
| 16274 | | 25617 | 16443 | | 25659 | 16659 | | 25656 | | | |
| 16276 | | 25617 | 16444 | | 25621 | 16661 | | 25657 | | | |
| 16281 | | 25641 | 16446 | | 25592 | 16663 | | 25621 | | | |
| 16283 | | 25597 | 16447 | | 21531 | 16665 | | 25661 | | | |
| 16285 | | 25719 | 16448 | | 25592 | 16665 | | 25724 | | | |
| 16287 | | 25589 | 16449 | | 21571 | 16667 | | 25661 | | | |
| 16291 | | 25598 | 16451 | | 21571 | 16669 | | 25661 | | | |
| 16292 | | 25603 | 16452 | | 25622 | 16671 | | 25660 | | | |
| 16296 | | 25605 | 16453 | | 21569 | 16682 | | 25592 | | | |
| 16300 | | 25649 | 16454 | | 21556 | 16691 | | 23567 | | | |
| 16301 | | 25714 | 16456 | | 25616 | 16693 | | 25715 | | | |
| 16302 | | 25621 | 16469 | | 25605 | 16697 | | 25659 | | | |
| 16305 | | 25605 | 16471 | | 25614 | 16698 | | 25657 | | | |
| 16307 | | 25705 | 16473 | | 25617 | 16700 | | 25668 | | | |
| 16313 | | 22539 | 16475 | | 25616 | 16702 | | 25649 | | | |
| 16318 | | 25616 | 16488 | | 25717 | 16704 | | 25604 | | | |
| 16320 | | 25612 | 16495 | | 25604 | 16717 | | 21556 | | | |
| 16322 | | 25614 | 16498 | | 25605 | 16726 | | 21556 | | | |
| 16323 | | 25714 | 16498 | | 25622 | 16727 | | 25604 | | | |
| 16324 | | 25611 | 16506 | | 25654 | 16729 | | 25604 | | | |
| 16327 | | 25729 | 16507 | | 25653 | 16733 | | 25727 | | | |
| 16328 | | 25613 | 16507 | | 25727 | 16734 | | 21577 | | | |
| 16329 | | 25725 | 16508 | | 25653 | 16735 | | 25653 | | | |
| 16330 | | 25617 | 16508 | | 25727 | 16736 | | 25727 | | | |
| 16332 | | 25649 | 16509 | | 25605 | 16737 | | 21577 | | | |
| 16334 | | 25622 | 16511 | | 24644 | 16738 | | 25604 | | | |
| 16348 | | 25616 | 16513 | | 24244 | 16741 | | 25675 | | | |
| 16349 | | 25653 | 16513 | | 24644 | 16743 | | 25653 | | | |
| 16352 | | 25742 | 16515 | | 25605 | 16743 | | 25727 | | | |
| 16353 | | 25616 | 16517 | | 25605 | 16744 | | 22538 | | | |
| 16359 | | 25616 | 16522 | | 25592 | 16745 | | 22543 | | | |
| 16363 | | 25605 | 16525 | | 25605 | 16746 | | 21571 | | | |
| 16369 | | 25696 | 16527 | | 25622 | 16747 | | 25186 | | | |
| 16371 | | 25597 | 16532 | | 21556 | 16749 | | 25186 | | | |
| 16373 | | 25604 | 16541 | | 25592 | 16751 | | 25617 | | | |
| 16378 | | 25653 | 16544 | | 25641 | 16753 | | 25613 | | | |
| 16378 | | 25727 | 16546 | | 25653 | 16754 | | 25739 | | | |
| 16379 | | 21572 | 16546 | | 25727 | 16785 | | 25656 | | | |
| 16379 | | 25653 | 16550 | | 25605 | 16789 | | 25676 | | | |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| Bosch | | | Bosch | | | Bosch | | |
| 16790 | | 25614 | 16986 | | 25688 | 17072 | | 27050 |
| 16792 | | 25613 | 16986 | | 25695 | 17075 | | 27050 |
| 16793 | | 25612 | 17000 | | 27053 | 17080 | | 27056 |
| 16794 | | 25676 | 17002 | | 24341 | 17082 | | 24325 |
| 16795 | | 25676 | 17003 | | 24326 | 17083 | | 27053 |
| 16796 | | 25613 | 17004 | | 24329 | 17084 | | 24334 |
| 16797 | | 25656 | 17005 | | 24351 | 17085 | | 24317 |
| 16808 | | 25612 | 17006 | | 24376 | 17086 | | 24326 |
| 16809 | | 25613 | 17008 | | 27053 | 17087 | | 27048 |
| 16810 | | 25659 | 17009 | | 24306 | 17088 | | 24323 |
| 16816 | | 25657 | 17010 | | 24365 | 17090 | | 24317 |
| 16825 | | 25696 | 17011 | | 24326 | 17091 | | 24333 |
| 16826 | | 25696 | 17012 | | 24376 | 17093 | | 24330 |
| 16828 | | 21571 | 17014 | | 24321 | 17094 | | 24333 |
| 16829 | | 25657 | 17015 | | 24364 | 17095 | | 24316 |
| 16831 | | 25657 | 17016 | | 24330 | 17097 | | 24316 |
| 16833 | | 25656 | 17017 | | 24329 | 17098 | | 24322 |
| 16837 | | 25675 | 17018 | | 24320 | 17099 | | 24333 |
| 16839 | | 25656 | 17019 | | 24332 | 17101 | | 24314 |
| 16849 | | 25688 | 17020 | | 24337 | 17102 | | 24345 |
| 16851 | | 25687 | 17021 | | 24329 | 17105 | | 24321 |
| 16861 | | 21049 | 17021 | | 24341 | 17107 | | 27057 |
| 16861 | | 21575 | 17022 | | 24341 | 17108 | | 24331 |
| 16862 | | 25656 | 17022 | | 24342 | 17109 | | 24321 |
| 16862 | | 25725 | 17022 | | 24343 | 17112 | | 24331 |
| 16864 | | 25612 | 17022 | | 24350 | 17113 | | 24321 |
| 16865 | | 25695 | 17023 | | 27049 | 17114 | | 24329 |
| 16867 | | 25681 | 17024 | | 24328 | 17116 | | 24314 |
| 16869 | | 25681 | 17024 | | 24329 | 17117 | | 24322 |
| 16887 | | 25668 | 17024 | | 24341 | 17121 | | 24317 |
| 16889 | | 25675 | 17024 | | 24342 | 17121 | | 24321 |
| 16891 | | 25657 | 17024 | | 24343 | 17124 | | 24333 |
| 16893 | | 25682 | 17024 | | 24350 | 17125 | | 24321 |
| 16895 | | 25657 | 17026 | | 27054 | 17126 | | 24331 |
| 16919 | | 25657 | 17028 | | 24331 | 17134 | | 24306 |
| 16938 | | 21571 | 17029 | | 24331 | 17135 | | 24307 |
| 16958 | | 25656 | 17030 | | 24339 | 17136 | | 24312 |
| 16962 | | 25659 | 17031 | | 27059 | 17137 | | 24312 |
| 16965 | | 25592 | 17032 | | 24324 | 17138 | | 24314 |
| 16977 | | 25613 | 17033 | | 24312 | 17140 | | 24321 |
| 16977 | | 25676 | 17034 | | 24306 | 17141 | | 24350 |
| 16978 | | 25605 | 17035 | | 24307 | 17143 | | 24348 |
| 16978 | | 25621 | 17036 | | 24306 | 17144 | | 24316 |
| 16978 | | 25622 | 17037 | | 24329 | 17145 | | 24347 |
| 16978 | | 25689 | 17038 | | 24320 | 17146 | | 24321 |
| 16978 | | 25705 | 17039 | | 24329 | 17147 | | 24349 |
| 16978 | | 25728 | 17044 | | 24312 | 17148 | | 24326 |
| 16980 | | 25605 | 17045 | | 24326 | 17148 | | 24328 |
| 16980 | | 25622 | 17046 | | 24324 | 17148 | | 24348 |
| 16982 | | 25605 | 17049 | | 27061 | 17149 | | 24321 |
| 16982 | | 25621 | 17051 | | 24331 | 17150 | | 24334 |
| 16982 | | 25622 | 17053 | | 24321 | 17151 | | 24323 |
| 16982 | | 25661 | 17055 | | 24324 | 17154 | | 24339 |
| 16982 | | 25724 | 17056 | | 27055 | 17155 | | 24328 |
| 16982 | | 25728 | 17057 | | 24328 | 17156 | | 24339 |
| 16984 | | 25656 | 17058 | | 27050 | 17157 | | 24317 |
| 16984 | | 25657 | 17059 | | 24323 | 17158 | | 24318 |
| 16984 | | 25687 | 17061 | | 24323 | 17159 | | 24342 |
| 16984 | | 25688 | 17062 | | 27048 | 17160 | | 24316 |
| 16986 | | 25656 | 17066 | | 24325 | 17161 | | 24321 |
| 16986 | | 25657 | 17068 | | 24324 | 17161 | | 25186 |
| 16986 | | 25681 | 17069 | | 27046 | 17162 | | 24334 |
| 16986 | | 25682 | 17070 | | 24312 | 17163 | | 24317 |
| 16986 | | 25687 | 17071 | | 24328 | 17164 | | 24342 |

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Interchanges / Références

THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | | | |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|-------|--|--|
| | Bosch | | | | Bosch | | | | Bosch | | |
| 17167 | | 24326 | 17237 | | 24318 | 17339 | | 24329 | | | |
| 17169 | | 24348 | 17238 | | 27084 | 17341 | | 24330 | | | |
| 17172 | | 24365 | 17242 | | 24321 | 17342 | | 24331 | | | |
| 17174 | | 24321 | 17243 | | 24317 | 17344 | | 24309 | | | |
| 17175 | | 24317 | 17244 | | 24321 | 17346 | | 24335 | | | |
| 17176 | | 24317 | 17245 | | 24348 | 17347 | | 24330 | | | |
| 17177 | | 24316 | 17246 | | 24314 | 17348 | | 24338 | | | |
| 17178 | | 24326 | 17248 | | 24321 | 17349 | | 24338 | | | |
| 17178 | | 24328 | 17250 | | 24318 | 17351 | | 24314 | | | |
| 17178 | | 24334 | 17254 | | 24316 | 17351 | | 24317 | | | |
| 17178 | | 24348 | 17255 | | 24321 | 17351 | | 24318 | | | |
| 17179 | | 24320 | 17256 | | 24309 | 17351 | | 24321 | | | |
| 17182 | | 24323 | 17258 | | 24314 | 17353 | | 24316 | | | |
| 17182 | | 24342 | 17259 | | 24334 | 17353 | | 24321 | | | |
| 17182 | | 24347 | 17260 | | 24311 | 17354 | | 24330 | | | |
| 17182 | | 24349 | 17262 | | 24310 | 17355 | | 24330 | | | |
| 17182 | | 24350 | 17263 | | 24326 | 17357 | | 24309 | | | |
| 17183 | | 24314 | 17263 | | 24348 | 17357 | | 24314 | | | |
| 17184 | | 24339 | 17264 | | 24320 | 17357 | | 24316 | | | |
| 17185 | | 24320 | 17266 | | 24326 | 17358 | | 24348 | | | |
| 17186 | | 24312 | 17270 | | 24326 | 17359 | | 24316 | | | |
| 17187 | | 24312 | 17270 | | 24348 | 17359 | | 24321 | | | |
| 17187 | | 24365 | 17272 | | 24364 | 17361 | | 24310 | | | |
| 17188 | | 24312 | 17274 | | 24325 | 17361 | | 24311 | | | |
| 17189 | | 24321 | 17275 | | 24316 | 17361 | | 24317 | | | |
| 17191 | | 24318 | 17276 | | 24319 | 17361 | | 24318 | | | |
| 17192 | | 24326 | 17277 | | 24325 | 17361 | | 24321 | | | |
| 17192 | | 24339 | 17277 | | 24326 | 17361 | | 24326 | | | |
| 17193 | | 24317 | 17277 | | 24328 | 17363 | | 24309 | | | |
| 17196 | | 24326 | 17278 | | 24316 | 17363 | | 24335 | | | |
| 17200 | | 24366 | 17279 | | 24325 | 17363 | | 24336 | | | |
| 17201 | | 24316 | 17280 | | 24326 | 17363 | | 24338 | | | |
| 17202 | | 24333 | 17280 | | 24348 | 17363 | | 24340 | | | |
| 17202 | | 24345 | 17281 | | 24330 | 17363 | | 24343 | | | |
| 17203 | | 24322 | 17283 | | 24330 | 17363 | | 24344 | | | |
| 17204 | | 24320 | 17287 | | 24320 | 17385 | | 24348 | | | |
| 17205 | | 24320 | 17288 | | 24374 | 17389 | | 24326 | | | |
| 17208 | | 24321 | 17290 | | 24321 | 17391 | | 24328 | | | |
| 17211 | | 24324 | 17296 | | 24335 | 17395 | | 24334 | | | |
| 17212 | | 24325 | 17298 | | 24343 | 17403 | | 24352 | | | |
| 17213 | | 27045 | 17300 | | 24327 | 17422 | | 24326 | | | |
| 17214 | | 27047 | 17303 | | 24375 | 17430 | | 24341 | | | |
| 17215 | | 24315 | 17305 | | 24326 | 17431 | | 24326 | | | |
| 17216 | | 24315 | 17307 | | 24343 | 17431 | | 24339 | | | |
| 17217 | | 24325 | 17312 | | 24349 | 17432 | | 24342 | | | |
| 17217 | | 24329 | 17313 | | 24318 | 17444 | | 24329 | | | |
| 17218 | | 24328 | 17315 | | 24321 | 17447 | | 24337 | | | |
| 17220 | | 24361 | 17318 | | 24340 | 17452 | | 24348 | | | |
| 17221 | | 24316 | 17319 | | 24325 | 17458 | | 24326 | | | |
| 17222 | | 24339 | 17319 | | 24348 | 17458 | | 24334 | | | |
| 17223 | | 24314 | 17320 | | 24336 | 17465 | | 24348 | | | |
| 17224 | | 24339 | 17321 | | 24325 | 17466 | | 24326 | | | |
| 17225 | | 27050 | 17321 | | 24348 | 17468 | | 24328 | | | |
| 17226 | | 24326 | 17322 | | 24344 | 17475 | | 24348 | | | |
| 17227 | | 24321 | 17323 | | 24326 | 17477 | | 24324 | | | |
| 17228 | | 24339 | 17324 | | 24335 | 17479 | | 24326 | | | |
| 17229 | | 24318 | 17326 | | 24319 | 17480 | | 24323 | | | |
| 17230 | | 24333 | 17328 | | 24336 | 17480 | | 24324 | | | |
| 17231 | | 24332 | 17330 | | 24327 | 17480 | | 24339 | | | |
| 17232 | | 27055 | 17331 | | 24324 | 17480 | | 24341 | | | |
| 17233 | | 24321 | 17332 | | 24320 | 17480 | | 24342 | | | |
| 17234 | | 24314 | 17333 | | 24324 | 17483 | | 24331 | | | |
| 17235 | | 24317 | 17334 | | 24335 | 17487 | | 24334 | | | |
| 17236 | | 24330 | 17336 | | 24343 | 18001 | | 24804 | | | |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| Bosch | | | Bosch | | | Bosch | | |
| 18002 | | 24805 | 18050 | | 24461 | 18111 | | 24677 |
| 18003 | | 24818 | 18050 | | 24462 | 18112 | | 24358 |
| 18004 | | 24819 | 18050 | | 24473 | 18113 | | 27001 |
| 18005 | | 24818 | 18050 | | 24474 | 18114 | | 24396 |
| 18010 | | 25683 | 18052 | | 24362 | 18115 | | 25706 |
| 18011 | | 25708 | 18052 | | 24382 | 18116 | | 24384 |
| 18012 | | 25718 | 18052 | | 24394 | 18117 | | 24441 |
| 18013 | | 24457 | 18053 | | 24391 | 18118 | | 24357 |
| 18013 | | 24841 | 18054 | | 22136 | 18119 | | 25674 |
| 18013 | | 25718 | 18054 | | 22137 | 18120 | | 22129 |
| 18014 | | 24844 | 18055 | | 24390 | 18121 | | 25731 |
| 18014 | | 25718 | 18055 | | 25202 | 18122 | | 24829 |
| 18015 | | 25718 | 18056 | | 24393 | 18123 | | 24836 |
| 18016 | | 24847 | 18059 | | 25684 | 18124 | | 22012 |
| 18016 | | 25718 | 18060 | | 25685 | 18124 | | 22138 |
| 18018 | | 24452 | 18063 | | 25690 | 18125 | | 23070 |
| 18018 | | 24455 | 18064 | | 25680 | 18125 | | 23135 |
| 18018 | | 24677 | 18066 | | 24831 | 18125 | | 23160 |
| 18019 | | 25713 | 18067 | | 24395 | 18125 | | 23162 |
| 18020 | | 23551 | 18068 | | 22501 | 18126 | | 23158 |
| 18021 | | 25214 | 18069 | | 22535 | 18126 | | 23165 |
| 18021 | | 25218 | 18070 | | 22537 | 18129 | | 24850 |
| 18023 | | 21064 | 18071 | | 24828 | 18130 | | 24814 |
| 18024 | | 25678 | 18073 | | 24442 | 18131 | | 24826 |
| 18025 | | 25678 | 18074 | | 25693 | 18132 | | 27010 |
| 18026 | | 25197 | 18075 | | 24651 | 18133 | | 24783 |
| 18027 | | 25193 | 18077 | | 25718 | 18134 | | 24791 |
| 18028 | | 24699 | 18078 | | 24460 | 18135 | | 24781 |
| 18029 | | 22015 | 18079 | | 21568 | 18136 | | 24786 |
| 18030 | | 24115 | 18080 | | 24830 | 18137 | | 24167 |
| 18030 | | 24459 | 18081 | | 24851 | 18137 | | 24466 |
| 18031 | | 24435 | 18083 | | 24372 | 18138 | | 22141 |
| 18031 | | 24436 | 18083 | | 24385 | 18139 | | 24808 |
| 18031 | | 24437 | 18085 | | 25200 | 18140 | | 24792 |
| 18031 | | 24438 | 18086 | | 25206 | 18141 | | 24472 |
| 18031 | | 24440 | 18087 | | 25197 | 18142 | | 24056 |
| 18032 | | 21062 | 18088 | | 24387 | 18143 | | 25733 |
| 18033 | | 24454 | 18088 | | 24388 | 18144 | | 25712 |
| 18033 | | 25721 | 18088 | | 24397 | 18145 | | 23164 |
| 18034 | | 25709 | 18089 | | 24308 | 18146 | | 24168 |
| 18035 | | 24116 | 18089 | | 24389 | 18147 | | 24447 |
| 18035 | | 24439 | 18089 | | 24390 | 18148 | | 24326 |
| 18035 | | 24467 | 18089 | | 25221 | 18149 | | 24461 |
| 18036 | | 24815 | 18090 | | 24853 | 18150 | | 25207 |
| 18037 | | 24663 | 18091 | | 24801 | 18151 | | 25223 |
| 18039 | | 24471 | 18092 | | 24812 | 18152 | | 25691 |
| 18039 | | 24834 | 18093 | | 24821 | 18153 | | 25204 |
| 18040 | | 24173 | 18094 | | 24386 | 18153 | | 25245 |
| 18041 | | 24458 | 18095 | | 24363 | BWD | | |
| 18042 | | 22132 | 18096 | | 24854 | OS100 | | 23552 |
| 18043 | | 25199 | 18097 | | 24353 | OS101 | | 23004 |
| 18044 | | 25211 | 18098 | | 24369 | OS102 | | 21002 |
| 18044 | | 25213 | 18099 | | 24448 | OS103 | | 21553 |
| 18044 | | 25217 | 18100 | | 24434 | OS104 | | 22534 |
| 18044 | | 25222 | 18101 | | 24849 | OS104 | | 23552 |
| 18045 | | 25212 | 18102 | | 24367 | OS105 | | 23021 |
| 18045 | | 25219 | 18103 | | 25733 | OS106 | | 25572 |
| 18046 | | 25201 | 18104 | | 24370 | OS107 | | 23044 |
| 18047 | | 24144 | 18104 | | 24381 | OS108 | | 21500 |
| 18047 | | 24824 | 18105 | | 25212 | OS109 | | 22013 |
| 18048 | | 24114 | 18107 | | 25216 | OS110 | | 22014 |
| 18048 | | 24475 | 18108 | | 25215 | OS111 | | 25572 |
| 18049 | | 25210 | 18109 | | 23163 | OS112 | | 24006 |
| 18050 | | 24113 | 18110 | | 24840 | OS113 | | 24006 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| BWD | | | BWD | | | BWD | | |
| OS114 | | 22082 | OS182 | | 22500 | OS520 | | 25516 |
| OS115 | | 23005 | OS183 | | 23020 | OS521 | | 25506 |
| OS116 | | 22013 | OS184 | | 23032 | OS522 | | 25034 |
| OS117 | | 23502 | OS185 | | 23023 | OS524 | | 25040 |
| OS118 | | 23553 | OS186 | | 23101 | OS525 | | 25034 |
| OS119 | | 21541 | OS188 | | 23023 | OS526 | | 25511 |
| OS120 | | 21003 | OS189 | | 23007 | OS527 | | 25528 |
| OS121 | | 22501 | OS190 | | 22500 | OS528 | | 25540 |
| OS121 | | 22503 | OS192 | | 23121 | OS529 | | 25515 |
| OS122 | | 22500 | OS193 | | 23506 | OS530 | | 25512 |
| OS123 | | 22500 | OS194 | | 23099 | OS531 | | 25562 |
| OS124 | | 22500 | OS194 | | 23509 | OS532 | | 25040 |
| OS125 | | 23023 | OS196 | | 23006 | OS534 | | 25040 |
| OS126 | | 23035 | OS196 | | 23047 | OS536 | | 25529 |
| OS127 | | 23032 | OS197 | | 23002 | OS537 | | 25531 |
| OS128 | | 21006 | OS197 | | 23105 | OS540 | | 25081 |
| OS128 | | 24653 | OS198 | | 22088 | OS541 | | 25040 |
| OS129 | | 21541 | OS198 | | 22092 | OS543 | | 25576 |
| OS130 | | 21541 | OS199 | | 22098 | OS544 | | 25574 |
| OS133 | | 21506 | OS200 | | 22507 | OS547 | | 25529 |
| OS134 | | 22016 | OS202 | | 22016 | OS548 | | 25038 |
| OS136 | | 22500 | OS203 | | 23016 | OS549 | | 22047 |
| OS136 | | 22503 | OS204 | | 23099 | OS550 | | 25103 |
| OS137 | | 24010 | OS205 | | 23025 | OS551 | | 25516 |
| OS138 | | 24022 | OS206 | | 22016 | OS552 | | 25516 |
| OS139 | | 22092 | OS207 | | 22094 | OS554 | | 25516 |
| OS141 | | 23023 | OS208 | | 22089 | OS555 | | 25510 |
| OS142 | | 23023 | OS209 | | 22500 | OS556 | | 25103 |
| OS143 | | 23001 | OS212 | | 21529 | OS557 | | 25517 |
| OS144 | | 23023 | OS213 | | 21535 | OS558 | | 25533 |
| OS145 | | 23032 | OS214 | | 21519 | OS561 | | 25036 |
| OS147 | | 21551 | OS215 | | 21537 | OS562 | | 25524 |
| OS148 | | 21004 | OS216 | | 21539 | OS563 | | 25129 |
| OS151 | | 22043 | OS217 | | 21550 | OS565 | | 25534 |
| OS152 | | 22016 | OS218 | | 22016 | OS566 | | 25081 |
| OS152 | | 22500 | OS219 | | 22503 | OS567 | | 25637 |
| OS154 | | 23007 | OS221 | | 22126 | OS568 | | 25053 |
| OS155 | | 23558 | OS223 | | 22033 | OS569 | | 23044 |
| OS156 | | 23001 | OS223 | | 22034 | OS570 | | 25520 |
| OS157 | | 23559 | OS224 | | 24076 | OS572 | | 24194 |
| OS159 | | 23023 | OS225 | | 22088 | OS573 | | 24102 |
| OS160 | | 23093 | OS228 | | 22503 | OS574 | | 25040 |
| OS161 | | 23119 | OS229 | | 21528 | OS576 | | 25565 |
| OS162 | | 23506 | OS230 | | 21536 | OS577 | | 25081 |
| OS163 | | 22016 | OS230 | | 21550 | OS578 | | 25534 |
| OS164 | | 22500 | OS231 | | 21537 | OS579 | | 25534 |
| OS165 | | 22016 | OS244 | | 22500 | OS581 | | 25520 |
| OS166 | | 22016 | OS506 | | 24105 | OS583 | | 25137 |
| OS167 | | 22500 | OS506 | | 24611 | OS584 | | 24145 |
| OS168 | | 22500 | OS507 | | 24086 | OS585 | | 25041 |
| OS169 | | 22016 | OS507 | | 24141 | OS586 | | 25634 |
| OS170 | | 22500 | OS508 | | 24105 | OS587 | | 25534 |
| OS171 | | 22074 | OS509 | | 23500 | OS588 | | 24614 |
| OS172 | | 22010 | OS509 | | 24141 | OS590 | | 24500 |
| OS173 | | 22033 | OS510 | | 24033 | OS591 | | 24614 |
| OS174 | | 24010 | OS511 | | 25505 | OS592 | | 24512 |
| OS175 | | 21524 | OS512 | | 25034 | OS593 | | 24511 |
| OS176 | | 22500 | OS513 | | 25034 | OS594 | | 24536 |
| OS177 | | 23041 | OS514 | | 25036 | OS595 | | 24511 |
| OS177 | | 23118 | OS515 | | 25506 | OS596 | | 24537 |
| OS179 | | 22521 | OS516 | | 25507 | OS597 | | 24118 |
| OS180 | | 23007 | OS517 | | 25034 | OS598 | | 24111 |
| OS181 | | 22016 | OS518 | | 25509 | OS599 | | 24538 |
| OS182 | | 22016 | OS519 | | 25516 | OS600 | | 24111 |

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|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| | BWD | | | BWD | | | BWD | |
| OS600 | | 24539 | OS671 | | 25539 | OS837 | | 25667 |
| OS601 | | 24536 | OS672 | | 25565 | OS838 | | 24535 |
| OS601 | | 24538 | OS673 | | 25560 | OS839 | | 21539 |
| OS602 | | 24551 | OS675 | | 22032 | OS840 | | 21544 |
| OS603 | | 25041 | OS676 | | 24023 | OS841 | | 23014 |
| OS604 | | 25034 | OS677 | | 22033 | OS842 | | 23041 |
| OS605 | | 25582 | OS678 | | 22502 | OS842 | | 23151 |
| OS606 | | 25537 | OS679 | | 24019 | OS842 | | 23506 |
| OS607 | | 25521 | OS680 | | 24027 | OS843 | | 25554 |
| OS608 | | 25581 | OS681 | | 22092 | OS844 | | 25561 |
| OS609 | | 25522 | OS682 | | 24014 | OS845 | | 22001 |
| OS613 | | 25632 | OS683 | | 24029 | OS846 | | 22001 |
| OS614 | | 25538 | OS684 | | 22001 | OS847 | | 22098 |
| OS615 | | 21508 | OS685 | | 22032 | OS849 | | 24097 |
| OS616 | | 21541 | OS687 | | 24502 | OS850 | | 24092 |
| OS617 | | 24502 | OS688 | | 24502 | OS851 | | 24229 |
| OS618 | | 21506 | OS689 | | 24502 | OS851 | | 24231 |
| OS619 | | 24510 | OS690 | | 24508 | OS852 | | 22016 |
| OS620 | | 24511 | OS691 | | 24508 | OS853 | | 22501 |
| OS621 | | 24059 | OS692 | | 24504 | OS854 | | 24052 |
| OS622 | | 24512 | OS693 | | 24092 | OS855 | | 24520 |
| OS622 | | 24513 | OS694 | | 24577 | OS856 | | 23513 |
| OS623 | | 24673 | OS695 | | 24601 | OS857 | | 23514 |
| OS624 | | 21002 | OS696 | | 24525 | OS858 | | 23558 |
| OS626 | | 24505 | OS697 | | 24024 | OS859 | | 23518 |
| OS627 | | 24548 | OS697 | | 24075 | OS859 | | 24050 |
| OS628 | | 22092 | OS698 | | 24521 | OS860 | | 24058 |
| OS629 | | 24169 | OS699 | | 24039 | OS861 | | 23516 |
| OS630 | | 24172 | OS800 | | 24519 | OS862 | | 24052 |
| OS631 | | 24172 | OS801 | | 24157 | OS863 | | 25550 |
| OS632 | | 24169 | OS803 | | 24062 | OS864 | | 25556 |
| OS633 | | 24172 | OS805 | | 24535 | OS865 | | 21536 |
| OS634 | | 22043 | OS806 | | 25582 | OS866 | | 23516 |
| OS635 | | 25504 | OS807 | | 25639 | OS867 | | 24169 |
| OS636 | | 25504 | OS808 | | 25549 | OS868 | | 24066 |
| OS637 | | 25504 | OS809 | | 25581 | OS869 | | 24675 |
| OS638 | | 25103 | OS810 | | 25549 | OS870 | | 21541 |
| OS639 | | 25539 | OS811 | | 25633 | OS871 | | 24526 |
| OS640 | | 24059 | OS812 | | 25548 | OS872 | | 23044 |
| OS641 | | 25534 | OS813 | | 25581 | OS873 | | 24614 |
| OS642 | | 25041 | OS814 | | 25547 | OS874 | | 25534 |
| OS643 | | 25636 | OS815 | | 25059 | OS875 | | 25581 |
| OS644 | | 25504 | OS816 | | 25581 | OS876 | | 24012 |
| OS646 | | 24169 | OS817 | | 25585 | OS877 | | 22075 |
| OS647 | | 25518 | OS818 | | 25579 | OS879 | | 24015 |
| OS649 | | 24169 | OS819 | | 25633 | OS881 | | 24521 |
| OS650 | | 25034 | OS820 | | 21006 | OS882 | | 21538 |
| OS652 | | 25533 | OS821 | | 21550 | OS883 | | 21039 |
| OS653 | | 25522 | OS822 | | 21543 | OS884 | | 23039 |
| OS654 | | 25530 | OS823 | | 21539 | OS884 | | 23506 |
| OS655 | | 25103 | OS824 | | 21539 | OS885 | | 23108 |
| OS656 | | 24102 | OS825 | | 21528 | OS888 | | 23518 |
| OS657 | | 25650 | OS826 | | 21509 | OS889 | | 25580 |
| OS658 | | 25036 | OS827 | | 23001 | OS890 | | 24225 |
| OS659 | | 25555 | OS828 | | 25539 | OS891 | | 25677 |
| OS660 | | 25523 | OS829 | | 24542 | OS892 | | 25545 |
| OS661 | | 25557 | OS830 | | 24542 | OS893 | | 25549 |
| OS662 | | 25565 | OS831 | | 24172 | OS894 | | 24004 |
| OS663 | | 25527 | OS832 | | 24169 | OS895 | | 24031 |
| OS665 | | 25041 | OS833 | | 24172 | OS896 | | 23559 |
| OS666 | | 25570 | OS834 | | 24042 | OS897 | | 24010 |
| OS667 | | 25560 | OS834 | | 24655 | OS898 | | 24012 |
| OS669 | | 24194 | OS835 | | 24166 | OS899 | | 24002 |
| OS670 | | 25554 | OS836 | | 24584 | OS900 | | 24003 |

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Interchanges / Références

THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| BWD | | | BWD | | | BWD | | |
| OS901 | | 24007 | OS978 | | 24521 | OS1049 | | 24603 |
| OS902 | | 24169 | OS979 | | 24543 | OS1050 | | 24554 |
| OS903 | | 24300 | OS980 | | 24666 | OS1051 | | 24584 |
| OS904 | | 25638 | OS981 | | 24682 | OS1052 | | 24603 |
| OS905 | | 24529 | OS982 | | 24521 | OS1053 | | 24541 |
| OS906 | | 24201 | OS983 | | 24154 | OS1055 | | 24553 |
| OS907 | | 24202 | OS984 | | 24545 | OS1056 | | 24540 |
| OS908 | | 24203 | OS986 | | 24523 | OS1056 | | 24541 |
| OS909 | | 24202 | OS987 | | 24548 | OS1057 | | 24546 |
| OS910 | | 25577 | OS990 | | 24005 | OS1059 | | 22032 |
| OS911 | | 25550 | OS991 | | 24042 | OS1060 | | 25542 |
| OS912 | | 25644 | OS992 | | 24544 | OS1061 | | 25569 |
| OS913 | | 25567 | OS993 | | 24533 | OS1062 | | 25550 |
| OS914 | | 25578 | OS995 | | 25005 | OS1063 | | 24637 |
| OS915 | | 23523 | OS996 | | 24676 | OS1064 | | 24544 |
| OS916 | | 23549 | OS997 | | 25651 | OS1065 | | 24544 |
| OS917 | | 23549 | OS998 | | 25044 | OS1066 | | 24521 |
| OS918 | | 23518 | OS999 | | 24519 | OS1067 | | 25643 |
| OS919 | | 23523 | OS1000 | | 25016 | OS1068 | | 24583 |
| OS920 | | 23518 | OS1001 | | 25017 | OS1069 | | 22001 |
| OS921 | | 23521 | OS1002 | | 24062 | OS1069 | | 22093 |
| OS922 | | 23514 | OS1003 | | 24101 | OS1070 | | 22506 |
| OS923 | | 24674 | OS1004 | | 24065 | OS1071 | | 21519 |
| OS924 | | 25558 | OS1005 | | 22095 | OS1071 | | 21537 |
| OS925 | | 25550 | OS1006 | | 25569 | OS1072 | | 21544 |
| OS926 | | 22113 | OS1007 | | 21510 | OS1073 | | 21550 |
| OS927 | | 25550 | OS1008 | | 24626 | OS1074 | | 21543 |
| OS928 | | 23522 | OS1009 | | 21039 | OS1075 | | 22027 |
| OS930 | | 23023 | OS1010 | | 21039 | OS1076 | | 22524 |
| OS931 | | 22016 | OS1011 | | 21517 | OS1088 | | 24632 |
| OS932 | | 24064 | OS1012 | | 24519 | OS1089 | | 24635 |
| OS933 | | 24538 | OS1013 | | 22524 | OS1091 | | 24660 |
| OS934 | | 24044 | OS1016 | | 24637 | OS1092 | | 24042 |
| OS935 | | 24579 | OS1017 | | 24521 | OS1094 | | 25545 |
| OS936 | | 24552 | OS1018 | | 23047 | OS1095 | | 25595 |
| OS937 | | 25552 | OS1019 | | 23099 | OS1096 | | 25546 |
| OS938 | | 25552 | OS1020 | | 23008 | OS1097 | | 25568 |
| OS940 | | 25567 | OS1021 | | 23506 | OS1098 | | 25567 |
| OS941 | | 25642 | OS1022 | | 23128 | OS1099 | | 25563 |
| OS942 | | 25525 | OS1023 | | 23133 | OS1100 | | 25564 |
| OS943 | | 25643 | OS1024 | | 23509 | OS1101 | | 25677 |
| OS944 | | 24063 | OS1025 | | 23127 | OS1102 | | 25564 |
| OS945 | | 24080 | OS1025 | | 23511 | OS1103 | | 25546 |
| OS946 | | 24157 | OS1026 | | 23512 | OS1104 | | 25568 |
| OS947 | | 25644 | OS1027 | | 23041 | OS1105 | | 25564 |
| OS948 | | 22521 | OS1028 | | 23099 | OS1105 | | 25567 |
| OS950 | | 24007 | OS1029 | | 23506 | OS1106 | | 25583 |
| OS951 | | 24544 | OS1031 | | 23506 | OS1106 | | 25616 |
| OS952 | | 24521 | OS1032 | | 22504 | OS1107 | | 25546 |
| OS954 | | 24606 | OS1033 | | 22075 | OS1108 | | 25594 |
| OS955 | | 24550 | OS1034 | | 24546 | OS1109 | | 25599 |
| OS956 | | 24075 | OS1035 | | 25542 | OS1110 | | 25596 |
| OS957 | | 24594 | OS1036 | | 24599 | OS1111 | | 25542 |
| OS958 | | 24594 | OS1037 | | 24589 | OS1112 | | 25139 |
| OS959 | | 24502 | OS1038 | | 24554 | OS1113 | | 25563 |
| OS961 | | 24560 | OS1039 | | 24537 | OS1115 | | 24632 |
| OS964 | | 24557 | OS1040 | | 24630 | OS1117 | | 23514 |
| OS966 | | 24537 | OS1041 | | 24545 | OS1118 | | 23519 |
| OS967 | | 24552 | OS1043 | | 24521 | OS1119 | | 23520 |
| OS968 | | 24594 | OS1044 | | 24285 | OS1120 | | 24521 |
| OS972 | | 24145 | OS1045 | | 24286 | OS1121 | | 24630 |
| OS973 | | 24519 | OS1046 | | 24071 | OS1129 | | 25559 |
| OS974 | | 24630 | OS1047 | | 24542 | OS1130 | | 22001 |
| OS975 | | 24039 | OS1048 | | 24603 | OS1131 | | 23515 |

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|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| | BWD | | | BWD | | | BWD | |
| OS1133 | | 23126 | OS1428 | | 24549 | OS1509 | | 23132 |
| OS1134 | | 23506 | OS1430 | | 24514 | OS1510 | | 24657 |
| OS1135 | | 23509 | OS1432 | | 24010 | OS1511 | | 24662 |
| OS1136 | | 23041 | OS1432 | | 24036 | OS1512 | | 24505 |
| OS1137 | | 23098 | OS1435 | | 23544 | OS1513 | | 24594 |
| OS1138 | | 23512 | OS1436 | | 24658 | OS1514 | | 24669 |
| OS1139 | | 23097 | OS1437 | | 24563 | OS1515 | | 24669 |
| OS1139 | | 23123 | OS1438 | | 24044 | OS1516 | | 24669 |
| OS1140 | | 23106 | OS1440 | | 24105 | OS1517 | | 24594 |
| OS1141 | | 23105 | OS1441 | | 25604 | OS1518 | | 24670 |
| OS1144 | | 24035 | OS1443 | | 24618 | OS1519 | | 24280 |
| OS1145 | | 24061 | OS1444 | | 24527 | OS1520 | | 24296 |
| OS1146 | | 24546 | OS1445 | | 23559 | OS1521 | | 24313 |
| OS1147 | | 24542 | OS1446 | | 24547 | OS1522 | | 24564 |
| OS1148 | | 24506 | OS1449 | | 24563 | OS1523 | | 24515 |
| OS1149 | | 24506 | OS1451 | | 23515 | OS1524 | | 24109 |
| OS1151 | | 25010 | OS1453 | | 24521 | OS1525 | | 25653 |
| OS1152 | | 24238 | OS1457 | | 21045 | OS1526 | | 25653 |
| OS1153 | | 24282 | OS1458 | | 21042 | OS1527 | | 21521 |
| OS1154 | | 24037 | OS1459 | | 21044 | OS1528 | | 24561 |
| OS1155 | | 24076 | OS1461 | | 21049 | OS1529 | | 24504 |
| OS1156 | | 24635 | OS1462 | | 21042 | OS1530 | | 24293 |
| OS1157 | | 24545 | OS1463 | | 24051 | OS1531 | | 24657 |
| OS1165 | | 24633 | OS1464 | | 24614 | OS1532 | | 24669 |
| OS1167 | | 24581 | OS1465 | | 24523 | OS1533 | | 24658 |
| OS1170 | | 24602 | OS1468 | | 23139 | OS1534 | | 24554 |
| OS1171 | | 24550 | OS1469 | | 23532 | OS1535 | | 24554 |
| OS1172 | | 24681 | OS1470 | | 23141 | OS1536 | | 24559 |
| OS1173 | | 24635 | OS1471 | | 23142 | OS1537 | | 24553 |
| OS1174 | | 25045 | OS1472 | | 23139 | OS1538 | | 24559 |
| OS1175 | | 24524 | OS1473 | | 21048 | OS1539 | | 24554 |
| OS1176 | | 24521 | OS1474 | | 21047 | OS1540 | | 24554 |
| OS1181 | | 22505 | OS1476 | | 22056 | OS1541 | | 24594 |
| OS1186 | | 24547 | OS1477 | | 22106 | OS1542 | | 24559 |
| OS1190 | | 23521 | OS1478 | | 22500 | OS1543 | | 24568 |
| OS1190 | | 23522 | OS1479 | | 22060 | OS1544 | | 24568 |
| OS1194 | | 24600 | OS1480 | | 23124 | OS1545 | | 24554 |
| OS1198 | | 24566 | OS1481 | | 23110 | OS1546 | | 24548 |
| OS1200 | | 24566 | OS1482 | | 23142 | OS1547 | | 24689 |
| OS1201 | | 24605 | OS1483 | | 23141 | OS1550 | | 24554 |
| OS1207 | | 24038 | OS1484 | | 23526 | OS1551 | | 24575 |
| OS1208 | | 24605 | OS1485 | | 23131 | OS1552 | | 24554 |
| OS1214 | | 24514 | OS1486 | | 23132 | OS1553 | | 24554 |
| OS1226 | | 24518 | OS1487 | | 23138 | OS1554 | | 24555 |
| OS1228 | | 24551 | OS1488 | | 23152 | OS1555 | | 24579 |
| OS1231 | | 24548 | OS1489 | | 23135 | OS1556 | | 24594 |
| OS1232 | | 24554 | OS1490 | | 23529 | OS1557 | | 24505 |
| OS1241 | | 24579 | OS1491 | | 23140 | OS1558 | | 24594 |
| OS1243 | | 24547 | OS1492 | | 23538 | OS1559 | | 24553 |
| OS1271 | | 24583 | OS1493 | | 23137 | OS1560 | | 24554 |
| OS1272 | | 24583 | OS1494 | | 23556 | OS1561 | | 24575 |
| OS1283 | | 21503 | OS1495 | | 23527 | OS1563 | | 24605 |
| OS1290 | | 21502 | OS1496 | | 23527 | OS1565 | | 24663 |
| OS1357 | | 24530 | OS1497 | | 24589 | OS1566 | | 24669 |
| OS1358 | | 24583 | OS1499 | | 24658 | OS1567 | | 24554 |
| OS1388 | | 25621 | OS1500 | | 21547 | OS1568 | | 24605 |
| OS1416 | | 23141 | OS1501 | | 21547 | OS1569 | | 24571 |
| OS1418 | | 24555 | OS1502 | | 24579 | OS1570 | | 24571 |
| OS1421 | | 23537 | OS1503 | | 21547 | OS1571 | | 24571 |
| OS1422 | | 24552 | OS1504 | | 24564 | OS1572 | | 24411 |
| OS1424 | | 24567 | OS1505 | | 24648 | OS1573 | | 24295 |
| OS1425 | | 24554 | OS1506 | | 24631 | OS1574 | | 24594 |
| OS1426 | | 24656 | OS1507 | | 24564 | OS1575 | | 24553 |
| OS1427 | | 24549 | OS1508 | | 23519 | OS1575 | | 24555 |

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THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| BWD | | | BWD | | | BWD | | |
| OS1576 | | 24579 | OS1645 | | 24321 | OS1713 | | 24645 |
| OS1578 | | 24554 | OS1646 | | 24419 | OS1715 | | 24646 |
| OS1579 | | 24605 | OS1647 | | 23549 | OS1716 | | 24644 |
| OS1580 | | 24137 | OS1648 | | 24414 | OS1718 | | 24320 |
| OS1581 | | 21514 | OS1649 | | 25604 | OS1719 | | 24638 |
| OS1582 | | 24554 | OS1650 | | 25604 | OS1720 | | 24640 |
| OS1583 | | 24676 | OS1651 | | 24321 | OS1722 | | 24606 |
| OS1584 | | 24669 | OS1652 | | 24112 | OS1723 | | 24572 |
| OS1585 | | 24554 | OS1653 | | 25587 | OS1724 | | 21548 |
| OS1586 | | 24559 | OS1654 | | 24585 | OS1725 | | 24258 |
| OS1587 | | 24554 | OS1655 | | 25604 | OS1725 | | 24647 |
| OS1588 | | 24554 | OS1656 | | 21546 | OS1726 | | 24547 |
| OS1589 | | 24553 | OS1657 | | 25603 | OS1727 | | 24662 |
| OS1590 | | 24670 | OS1658 | | 25598 | OS1728 | | 24549 |
| OS1591 | | 24651 | OS1659 | | 23513 | OS1729 | | 24549 |
| OS1592 | | 24651 | OS1660 | | 24287 | OS1730 | | 24567 |
| OS1593 | | 24554 | OS1661 | | 24631 | OS1731 | | 22519 |
| OS1594 | | 24554 | OS1662 | | 24292 | OS1732 | | 24547 |
| OS1595 | | 24554 | OS1663 | | 24665 | OS1733 | | 24564 |
| OS1596 | | 24559 | OS1664 | | 24660 | OS1735 | | 22523 |
| OS1597 | | 24554 | OS1665 | | 24409 | OS1736 | | 22118 |
| OS1598 | | 24559 | OS1666 | | 24427 | OS1739 | | 22102 |
| OS1599 | | 24554 | OS1667 | | 24422 | OS1740 | | 22116 |
| OS1600 | | 24559 | OS1670 | | 24302 | OS1741 | | 22089 |
| OS1601 | | 24294 | OS1671 | | 24284 | OS1742 | | 22100 |
| OS1602 | | 24656 | OS1672 | | 24235 | OS1743 | | 24643 |
| OS1603 | | 24560 | OS1673 | | 24413 | OS1744 | | 24574 |
| OS1604 | | 24566 | OS1674 | | 24665 | OS1746 | | 22090 |
| OS1605 | | 24657 | OS1675 | | 24666 | OS1747 | | 22117 |
| OS1606 | | 25606 | OS1676 | | 24585 | OS1748 | | 22096 |
| OS1607 | | 24588 | OS1677 | | 24668 | OS1749 | | 24661 |
| OS1609 | | 24066 | OS1678 | | 24585 | OS1750 | | 24573 |
| OS1610 | | 25169 | OS1679 | | 24413 | OS1751 | | 22531 |
| OS1611 | | 24588 | OS1680 | | 24302 | OS1752 | | 22528 |
| OS1612 | | 25166 | OS1681 | | 24301 | OS1753 | | 24566 |
| OS1613 | | 25153 | OS1682 | | 24633 | OS1754 | | 24547 |
| OS1614 | | 25151 | OS1683 | | 24546 | OS1755 | | 24564 |
| OS1615 | | 25150 | OS1684 | | 24666 | OS1756 | | 24566 |
| OS1616 | | 25155 | OS1685 | | 24409 | OS1757 | | 24581 |
| OS1618 | | 25000 | OS1686 | | 24647 | OS1758 | | 24566 |
| OS1619 | | 25000 | OS1687 | | 24675 | OS1759 | | 24550 |
| OS1620 | | 23130 | OS1688 | | 24172 | OS1760 | | 22523 |
| OS1621 | | 23125 | OS1689 | | 21555 | OS1761 | | 24527 |
| OS1622 | | 23129 | OS1690 | | 21049 | OS1762 | | 24619 |
| OS1623 | | 23144 | OS1691 | | 21545 | OS1763 | | 24605 |
| OS1624 | | 23146 | OS1692 | | 24584 | OS1764 | | 24547 |
| OS1625 | | 23143 | OS1693 | | 24665 | OS1765 | | 24605 |
| OS1626 | | 23133 | OS1694 | | 24585 | OS1766 | | 24112 |
| OS1627 | | 23513 | OS1695 | | 24585 | OS1767 | | 24566 |
| OS1628 | | 23513 | OS1696 | | 24625 | OS1768 | | 24649 |
| OS1629 | | 23525 | OS1697 | | 24633 | OS1769 | | 24525 |
| OS1630 | | 23551 | OS1698 | | 24585 | OS1770 | | 24572 |
| OS1631 | | 23513 | OS1699 | | 24584 | OS1773 | | 24549 |
| OS1632 | | 23549 | OS1700 | | 24641 | OS1774 | | 24565 |
| OS1633 | | 23551 | OS1701 | | 24039 | OS1775 | | 24560 |
| OS1634 | | 21511 | OS1702 | | 24545 | OS1776 | | 24564 |
| OS1635 | | 23513 | OS1703 | | 24630 | OS1780 | | 24566 |
| OS1636 | | 21512 | OS1704 | | 24545 | OS1781 | | 24565 |
| OS1637 | | 21512 | OS1705 | | 24039 | OS1782 | | 24547 |
| OS1638 | | 21512 | OS1706 | | 24545 | OS1783 | | 24566 |
| OS1639 | | 21512 | OS1707 | | 24641 | OS1785 | | 24635 |
| OS1640 | | 25597 | OS1709 | | 24526 | OS1786 | | 24521 |
| OS1641 | | 23525 | OS1710 | | 24526 | OS1788 | | 22064 |
| OS1644 | | 25621 | OS1711 | | 24644 | OS1789 | | 22104 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| | BWD | | | BWD | | | BWD | |
| OS1790 | | 22531 | OS1873 | | 23001 | OS1951 | | 22501 |
| OS1791 | | 22513 | OS1874 | | 23518 | OS1952 | | 25546 |
| OS1792 | | 22513 | OS1875 | | 23001 | OS1953 | | 25608 |
| OS1793 | | 22505 | OS1876 | | 23551 | OS1954 | | 24603 |
| OS1794 | | 25185 | OS1877 | | 23559 | OS1955 | | 23023 |
| OS1795 | | 22097 | OS1878 | | 21511 | OS1956 | | 24022 |
| OS1796 | | 24684 | OS1879 | | 23549 | OS1957 | | 22501 |
| OS1797 | | 22098 | OS1880 | | 24050 | OS1957 | | 22503 |
| OS1799 | | 24230 | OS1881 | | 23524 | OS1958 | | 22074 |
| OS1800 | | 22502 | OS1882 | | 23521 | OS1959 | | 24022 |
| OS1801 | | 24577 | OS1883 | | 23516 | OS1960 | | 24010 |
| OS1802 | | 22502 | OS1884 | | 23523 | OS1961 | | 23094 |
| OS1803 | | 22505 | OS1885 | | 23549 | OS1962 | | 23101 |
| OS1805 | | 22115 | OS1886 | | 23549 | OS1963 | | 23036 |
| OS1806 | | 22089 | OS1888 | | 23523 | OS1964 | | 22092 |
| OS1807 | | 22097 | OS1889 | | 23549 | OS1965 | | 22088 |
| OS1810 | | 22062 | OS1890 | | 23523 | OS1965 | | 22089 |
| OS1813 | | 24678 | OS1891 | | 23521 | OS1966 | | 23088 |
| OS1814 | | 22001 | OS1895 | | 25614 | OS1968 | | 25013 |
| OS1816 | | 22510 | OS1896 | | 25617 | OS1969 | | 23023 |
| OS1817 | | 22532 | OS1897 | | 25053 | OS1970 | | 23023 |
| OS1820 | | 21549 | OS1898 | | 25546 | OS1973 | | 24086 |
| OS1821 | | 24288 | OS1899 | | 25616 | OS1973 | | 24141 |
| OS1822 | | 24521 | OS1900 | | 25617 | OS1975 | | 23501 |
| OS1823 | | 21541 | OS1901 | | 25617 | OS1977 | | 22060 |
| OS1824 | | 25593 | OS1902 | | 25616 | OS1978 | | 24546 |
| OS1825 | | 25581 | OS1904 | | 25617 | OS1979 | | 24603 |
| OS1826 | | 25592 | OS1905 | | 25617 | OS1980 | | 24584 |
| OS1827 | | 21531 | OS1910 | | 25617 | OS1981 | | 24556 |
| OS1828 | | 25592 | OS1911 | | 25563 | OS1982 | | 24552 |
| OS1829 | | 25522 | OS1912 | | 25616 | OS1983 | | 24506 |
| OS1830 | | 24307 | OS1913 | | 25613 | OS1985 | | 24552 |
| OS1831 | | 24306 | OS1915 | | 25536 | OS1986 | | 24537 |
| OS1832 | | 22119 | OS1916 | | 21043 | OS1987 | | 24595 |
| OS1833 | | 22098 | OS1917 | | 21538 | OS1988 | | 24554 |
| OS1835 | | 22103 | OS1918 | | 21040 | OS1989 | | 24554 |
| OS1836 | | 22514 | OS1919 | | 22514 | OS1990 | | 23512 |
| OS1837 | | 24598 | OS1920 | | 22099 | OS1992 | | 22060 |
| OS1838 | | 22091 | OS1921 | | 24566 | OS1994 | | 21040 |
| OS1839 | | 22118 | OS1922 | | 24154 | OS1995 | | 24554 |
| OS1840 | | 24417 | OS1923 | | 23518 | OS1996 | | 24548 |
| OS1841 | | 24410 | OS1924 | | 25604 | OS1997 | | 21040 |
| OS1842 | | 23145 | OS1926 | | 25621 | OS1998 | | 21514 |
| OS1843 | | 24320 | OS1927 | | 25597 | OS1999 | | 22516 |
| OS1844 | | 21531 | OS1928 | | 24314 | OS2000 | | 22503 |
| OS1845 | | 24312 | OS1929 | | 24317 | OS2001 | | 25512 |
| OS1846 | | 25593 | OS1930 | | 25621 | OS2002 | | 25038 |
| OS1847 | | 25592 | OS1931 | | 25597 | OS2004 | | 23134 |
| OS1848 | | 25592 | OS1932 | | 25605 | OS2005 | | 21527 |
| OS1849 | | 24306 | OS1933 | | 25621 | OS2006 | | 21507 |
| OS1851 | | 25592 | OS1934 | | 24317 | OS2007 | | 21518 |
| OS1852 | | 25653 | OS1936 | | 25621 | OS2008 | | 21514 |
| OS1853 | | 22532 | OS1937 | | 25621 | OS2009 | | 21516 |
| OS1854 | | 21512 | OS1938 | | 25622 | OS2010 | | 21513 |
| OS1855 | | 25601 | OS1939 | | 22094 | OS2011 | | 21514 |
| OS1858 | | 23513 | OS1940 | | 24664 | OS2012 | | 21514 |
| OS1859 | | 25046 | OS1941 | | 24659 | OS2013 | | 21516 |
| OS1861 | | 22505 | OS1942 | | 24657 | OS2014 | | 24537 |
| OS1863 | | 25013 | OS1944 | | 24566 | OS2015 | | 24537 |
| OS1866 | | 25609 | OS1946 | | 23001 | OS2016 | | 24537 |
| OS1867 | | 23518 | OS1947 | | 25586 | OS2017 | | 24504 |
| OS1868 | | 23524 | OS1948 | | 24656 | OS2018 | | 24112 |
| OS1869 | | 23551 | OS1949 | | 22060 | OS2019 | | 24109 |
| OS1871 | | 23522 | OS1950 | | 24578 | OS2020 | | 24050 |

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Interchanges / Références

THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| BWD | | | BWD | | | BWD | | |
| OS2021 | | 24567 | OS2091 | | 24554 | OS2181 | | 24614 |
| OS2022 | | 24553 | OS2093 | | 22120 | OS2182 | | 24614 |
| OS2023 | | 24660 | OS2094 | | 24321 | OS2183 | | 24039 |
| OS2024 | | 24665 | OS2095 | | 25621 | OS2185 | | 24079 |
| OS2025 | | 21524 | OS2096 | | 25589 | OS2186 | | 24550 |
| OS2026 | | 24289 | OS2097 | | 22101 | OS2188 | | 24594 |
| OS2027 | | 22016 | OS2098 | | 24299 | OS2193 | | 24414 |
| OS2028 | | 24062 | OS2099 | | 22009 | OS2194 | | 24665 |
| OS2029 | | 25635 | OS2100 | | 24649 | OS2196 | | 24242 |
| OS2030 | | 24291 | OS2101 | | 23523 | OS2197 | | 24240 |
| OS2031 | | 25500 | OS2102 | | 25163 | OS2198 | | 24675 |
| OS2033 | | 24284 | OS2103 | | 24619 | OS2199 | | 21516 |
| OS2034 | | 24283 | OS2104 | | 24640 | OS2200 | | 24243 |
| OS2035 | | 24554 | OS2105 | | 24618 | OS2202 | | 24239 |
| OS2036 | | 24537 | OS2107 | | 24634 | OS2205 | | 24679 |
| OS2037 | | 23133 | OS2108 | | 24573 | OS2212 | | 24320 |
| OS2039 | | 24537 | OS2109 | | 24639 | OS2213 | | 21556 |
| OS2040 | | 24537 | OS2110 | | 24528 | OS2214 | | 23569 |
| OS2041 | | 24502 | OS2111 | | 24574 | OS2215 | | 23026 |
| OS2042 | | 24595 | OS2112 | | 24638 | OS2217 | | 21514 |
| OS2044 | | 25081 | OS2113 | | 24618 | OS2220 | | 23135 |
| OS2045 | | 22500 | OS2114 | | 24618 | OS2221 | | 23137 |
| OS2046 | | 24569 | OS2115 | | 24620 | OS2222 | | 23132 |
| OS2047 | | 23131 | OS2116 | | 24524 | OS2223 | | 23132 |
| OS2048 | | 23140 | OS2117 | | 24527 | OS2224 | | 23527 |
| OS2049 | | 24102 | OS2118 | | 24527 | OS2225 | | 23556 |
| OS2050 | | 24589 | OS2119 | | 24544 | OS2226 | | 23159 |
| OS2051 | | 24589 | OS2120 | | 24526 | OS2227 | | 23158 |
| OS2052 | | 24599 | OS2121 | | 24298 | OS2228 | | 23051 |
| OS2053 | | 24589 | OS2122 | | 24527 | OS2229 | | 23531 |
| OS2054 | | 24577 | OS2124 | | 24641 | OS2230 | | 21512 |
| OS2055 | | 24577 | OS2125 | | 24406 | OS2231 | | 21512 |
| OS2056 | | 24172 | OS2126 | | 24400 | OS2232 | | 23522 |
| OS2057 | | 24582 | OS2127 | | 24405 | OS2239 | | 21546 |
| OS2058 | | 24546 | OS2128 | | 23549 | OS2240 | | 21546 |
| OS2059 | | 22032 | OS2129 | | 21525 | OS2242 | | 21054 |
| OS2060 | | 22032 | OS2130 | | 21507 | OS2245 | | 21044 |
| OS2061 | | 24061 | OS2131 | | 21516 | OS2247 | | 21054 |
| OS2062 | | 24542 | OS2132 | | 21514 | OS2248 | | 21516 |
| OS2063 | | 24172 | OS2133 | | 21545 | OS2249 | | 21546 |
| OS2064 | | 25582 | OS2134 | | 21517 | OS2250 | | 24653 |
| OS2065 | | 22500 | OS2135 | | 21514 | OS2251 | | 21509 |
| OS2066 | | 24422 | OS2136 | | 24507 | OS2252 | | 24653 |
| OS2067 | | 24425 | OS2137 | | 24154 | OS2254 | | 21547 |
| OS2068 | | 24426 | OS2138 | | 24591 | OS2255 | | 21547 |
| OS2069 | | 24656 | OS2139 | | 24407 | OS2256 | | 24653 |
| OS2070 | | 24534 | OS2140 | | 24298 | OS2258 | | 21514 |
| OS2071 | | 24619 | OS2141 | | 24421 | OS2260 | | 21055 |
| OS2072 | | 23533 | OS2142 | | 24641 | OS2313 | | 21525 |
| OS2073 | | 24658 | OS2143 | | 24404 | OS2347 | | 24408 |
| OS2074 | | 24176 | OS2144 | | 25597 | OS2359 | | 21531 |
| OS2075 | | 24581 | OS2145 | | 24321 | OS2361 | | 25592 |
| OS2077 | | 24516 | OS2146 | | 25597 | OS2362 | | 25588 |
| OS2078 | | 24603 | OS2147 | | 24290 | OS2365 | | 25641 |
| OS2079 | | 24111 | OS2148 | | 21555 | OS2368 | | 25622 |
| OS2079 | | 24539 | OS2149 | | 24587 | OS2369 | | 24319 |
| OS2080 | | 24542 | OS2150 | | 21053 | OS2370 | | 25649 |
| OS2081 | | 23138 | OS2152 | | 24564 | OS2371 | | 25605 |
| OS2082 | | 25504 | OS2153 | | 24298 | OS2372 | | 25645 |
| OS2083 | | 24552 | OS2154 | | 22500 | OS2373 | | 25645 |
| OS2086 | | 25501 | OS2156 | | 25526 | OS2374 | | 25622 |
| OS2087 | | 25040 | OS2162 | | 24592 | OS2375 | | 25622 |
| OS2088 | | 25503 | OS2168 | | 24533 | OS2376 | | 25605 |
| OS2090 | | 25088 | OS2170 | | 24679 | OS2378 | | 21547 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| BWD | | | CARQUEST | | | CARQUEST | | |
| OS2381 | | 25605 | 75-1513 | | 24105 | 75-1586 | | 25570 |
| OS2382 | | 25605 | 75-1514 | | 23502 | 75-1587 | | 23044 |
| OS2385 | | 21556 | 75-1515 | | 23553 | 75-1587 | | 25572 |
| OS2386 | | 25641 | 75-1516 | | 23005 | 75-1590 | | 24500 |
| OS2387 | | 25622 | 75-1517 | | 22013 | 75-1591 | | 24521 |
| OS2388 | | 25605 | 75-1518 | | 22014 | 75-1596 | | 23119 |
| OS2389 | | 25621 | 75-1519 | | 23023 | 75-1596 | | 23121 |
| OS2390 | | 25621 | 75-1521 | | 22009 | 75-1600 | | 25538 |
| OS2391 | | 25605 | 75-1521 | | 22113 | 75-1601 | | 25518 |
| OS2393 | | 24316 | 75-1521 | | 22500 | 75-1602 | | 25636 |
| OS2394 | | 24316 | 75-1521 | | 22503 | 75-1603 | | 25036 |
| OS2395 | | 24314 | 75-1522 | | 22043 | 75-1605 | | 24007 |
| OS2396 | | 24321 | 75-1524 | | 24006 | 75-1609 | | 24012 |
| OS2397 | | 24321 | 75-1525 | | 23032 | 75-1610 | | 24015 |
| OS2398 | | 24314 | 75-1527 | | 25103 | 75-1611 | | 24012 |
| OS2399 | | 24321 | 75-1530 | | 25034 | 75-1614 | | 24002 |
| OS2400 | | 24321 | 75-1530 | | 25040 | 75-1615 | | 24004 |
| OS2402 | | 24314 | 75-1531 | | 25505 | 75-1617 | | 24031 |
| OS2403 | | 24320 | 75-1534 | | 25034 | 75-1620 | | 22056 |
| OS2404 | | 24318 | 75-1534 | | 25040 | 75-1624 | | 22033 |
| OS2405 | | 24317 | 75-1535 | | 25562 | 75-1624 | | 22034 |
| OS2407 | | 24320 | 75-1536 | | 24102 | 75-1625 | | 23001 |
| OS2408 | | 24321 | 75-1537 | | 24194 | 75-1626 | | 23094 |
| OS2409 | | 24316 | 75-1539 | | 25515 | 75-1627 | | 24023 |
| OS2410 | | 24314 | 75-1540 | | 25516 | 75-1629 | | 22092 |
| OS2411 | | 24321 | 75-1541 | | 25516 | 75-1631 | | 22075 |
| OS2412 | | 24318 | 75-1544 | | 25500 | 75-1633 | | 22082 |
| OS2413 | | 24321 | 75-1545 | | 25506 | 75-1633 | | 24106 |
| OS2414 | | 24314 | 75-1546 | | 25507 | 75-1634 | | 24010 |
| OS2415 | | 21556 | 75-1547 | | 25034 | 75-1636 | | 24064 |
| OS2416 | | 24661 | 75-1549 | | 25509 | 75-1637 | | 22060 |
| OS2417 | | 21507 | 75-1550 | | 25516 | 75-1638 | | 25548 |
| OS2418 | | 21545 | 75-1551 | | 25516 | 75-1639 | | 25059 |
| OS2419 | | 23532 | 75-1552 | | 25040 | 75-1640 | | 25547 |
| OS2420 | | 23533 | 75-1553 | | 25511 | 75-1641 | | 24521 |
| OS2421 | | 23526 | 75-1554 | | 25528 | 75-1642 | | 24535 |
| OS2423 | | 23069 | 75-1555 | | 25540 | 75-1643 | | 24052 |
| OS2424 | | 23529 | 75-1556 | | 25512 | 75-1644 | | 25633 |
| OS2425 | | 24553 | 75-1557 | | 25529 | 75-1645 | | 24043 |
| OS2426 | | 22125 | 75-1557 | | 25533 | 75-1646 | | 24157 |
| OS2427 | | 21547 | 75-1558 | | 24672 | 75-1647 | | 24521 |
| OS2428 | | 24259 | 75-1558 | | 25031 | 75-1648 | | 24520 |
| OS2429 | | 24255 | 75-1559 | | 25038 | 75-1649 | | 22060 |
| OS2430 | | 22500 | 75-1560 | | 25506 | 75-1650 | | 22071 |
| OS2431 | | 22114 | 75-1561 | | 24511 | 75-1650 | | 22500 |
| OS2432 | | 24542 | 75-1562 | | 25088 | 75-1651 | | 22060 |
| OS2433 | | 21550 | 75-1562 | | 25501 | 75-1652 | | 25579 |
| OS2434 | | 24509 | 75-1563 | | 25040 | 75-1653 | | 23551 |
| OS2435 | | 24135 | 75-1564 | | 25726 | 75-1654 | | 24535 |
| OS2436 | | 24558 | 75-1565 | | 25081 | 75-1655 | | 25640 |
| OS2438 | | 21504 | 75-1566 | | 24010 | 75-1656 | | 25581 |
| OS2439 | | 22007 | 75-1566 | | 24019 | 75-1657 | | 25580 |
| CARQUEST | | | 75-1569 | | 21003 | 75-1658 | | 25585 |
| 75-1500 | | 22534 | 75-1570 | | 22047 | 75-1659 | | 22501 |
| 75-1500 | | 23552 | 75-1572 | | 21541 | 75-1660 | | 25633 |
| 75-1502 | | 21553 | 75-1573 | | 22060 | 75-1661 | | 25581 |
| 75-1503 | | 21500 | 75-1576 | | 25632 | 75-1662 | | 25582 |
| 75-1504 | | 21002 | 75-1577 | | 25504 | 75-1663 | | 24523 |
| 75-1505 | | 23004 | 75-1578 | | 25034 | 75-1664 | | 25580 |
| 75-1506 | | 23044 | 75-1579 | | 25521 | 75-1665 | | 25581 |
| 75-1506 | | 25572 | 75-1581 | | 25534 | 75-1666 | | 24606 |
| 75-1507 | | 23044 | 75-1582 | | 22500 | 75-1667 | | 24606 |
| 75-1509 | | 24033 | 75-1584 | | 25034 | 75-1668 | | 25644 |
| 75-1511 | | 24194 | 75-1585 | | 25560 | 75-1671 | | 24014 |

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THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| CARQUEST | | | CARQUEST | | | CARQUEST | | |
| 75-1673 | | 21541 | 75-1753 | | 24524 | 75-1832 | | 21538 |
| 75-1674 | | 25545 | 75-1754 | | 24542 | 75-1833 | | 25578 |
| 75-1675 | | 25677 | 75-1755 | | 24225 | 75-1834 | | 23512 |
| 75-1676 | | 25539 | 75-1756 | | 23501 | 75-1835 | | 23097 |
| 75-1678 | | 23039 | 75-1757 | | 24022 | 75-1837 | | 21502 |
| 75-1678 | | 23126 | 75-1759 | | 25572 | 75-1838 | | 21503 |
| 75-1679 | | 23118 | 75-1760 | | 25549 | 75-1842 | | 24005 |
| 75-1680 | | 23020 | 75-1761 | | 22092 | 75-1843 | | 23002 |
| 75-1686 | | 23122 | 75-1762 | | 23001 | 75-1843 | | 23105 |
| 75-1686 | | 23506 | 75-1763 | | 23559 | 75-1847 | | 24545 |
| 75-1694 | | 23041 | 75-1764 | | 23558 | 75-1848 | | 25539 |
| 75-1694 | | 23151 | 75-1766 | | 22032 | 75-1849 | | 24626 |
| 75-1696 | | 23007 | 75-1767 | | 22507 | 75-1853 | | 23512 |
| 75-1697 | | 23036 | 75-1768 | | 21527 | 75-1854 | | 23014 |
| 75-1698 | | 24003 | 75-1769 | | 21524 | 75-1854 | | 23016 |
| 75-1700 | | 23047 | 75-1770 | | 21517 | 75-1855 | | 23509 |
| 75-1701 | | 21006 | 75-1771 | | 21519 | 75-1857 | | 24554 |
| 75-1701 | | 24626 | 75-1772 | | 21550 | 75-1858 | | 24548 |
| 75-1703 | | 21551 | 75-1774 | | 24300 | 75-1859 | | 21537 |
| 75-1705 | | 24505 | 75-1775 | | 24289 | 75-1860 | | 21040 |
| 75-1706 | | 21004 | 75-1776 | | 24427 | 75-1861 | | 21514 |
| 75-1707 | | 25552 | 75-1777 | | 24603 | 75-1862 | | 21510 |
| 75-1708 | | 25567 | 75-1778 | | 24546 | 75-1863 | | 22088 |
| 75-1708 | | 25612 | 75-1781 | | 24584 | 75-1864 | | 24637 |
| 75-1709 | | 25581 | 75-1783 | | 24543 | 75-1865 | | 24519 |
| 75-1710 | | 25560 | 75-1784 | | 24547 | 75-1866 | | 24521 |
| 75-1711 | | 25639 | 75-1784 | | 24594 | 75-1867 | | 22516 |
| 75-1712 | | 25552 | 75-1785 | | 24566 | 75-1869 | | 25539 |
| 75-1713 | | 24519 | 75-1785 | | 24605 | 75-1870 | | 21039 |
| 75-1714 | | 25568 | 75-1787 | | 24508 | 75-1871 | | 24599 |
| 75-1715 | | 25567 | 75-1788 | | 24506 | 75-1872 | | 24589 |
| 75-1716 | | 23099 | 75-1790 | | 24556 | 75-1874 | | 25129 |
| 75-1716 | | 23114 | 75-1790 | | 24557 | 75-1877 | | 25527 |
| 75-1717 | | 23025 | 75-1791 | | 24512 | 75-1879 | | 25512 |
| 75-1717 | | 23121 | 75-1791 | | 24513 | 75-1880 | | 25038 |
| 75-1718 | | 25510 | 75-1797 | | 24502 | 75-1881 | | 25520 |
| 75-1719 | | 24111 | 75-1800 | | 24552 | 75-1883 | | 25525 |
| 75-1719 | | 24536 | 75-1801 | | 24537 | 75-1884 | | 24541 |
| 75-1721 | | 22016 | 75-1804 | | 24554 | 75-1885 | | 25558 |
| 75-1721 | | 22500 | 75-1804 | | 24595 | 75-1886 | | 25537 |
| 75-1722 | | 23048 | 75-1805 | | 24553 | 75-1887 | | 25103 |
| 75-1722 | | 23128 | 75-1805 | | 24554 | 75-1888 | | 22092 |
| 75-1724 | | 23007 | 75-1808 | | 24554 | 75-1889 | | 23134 |
| 75-1726 | | 21539 | 75-1809 | | 24044 | 75-1890 | | 25517 |
| 75-1729 | | 21536 | 75-1810 | | 24514 | 75-1891 | | 25520 |
| 75-1730 | | 21506 | 75-1811 | | 24673 | 75-1892 | | 25555 |
| 75-1733 | | 21543 | 75-1813 | | 21541 | 75-1894 | | 25634 |
| 75-1734 | | 24039 | 75-1814 | | 24172 | 75-1895 | | 24603 |
| 75-1734 | | 24154 | 75-1815 | | 24172 | 75-1896 | | 24584 |
| 75-1735 | | 24145 | 75-1816 | | 24601 | 75-1897 | | 21527 |
| 75-1735 | | 24521 | 75-1817 | | 24059 | 75-1898 | | 21507 |
| 75-1736 | | 25018 | 75-1818 | | 24579 | 75-1899 | | 21518 |
| 75-1737 | | 24526 | 75-1820 | | 24502 | 75-1900 | | 21516 |
| 75-1739 | | 24614 | 75-1821 | | 23001 | 75-1901 | | 21513 |
| 75-1741 | | 24550 | 75-1822 | | 24169 | 75-1903 | | 23035 |
| 75-1742 | | 24521 | 75-1823 | | 23518 | 75-1906 | | 25549 |
| 75-1743 | | 25522 | 75-1824 | | 23518 | 75-1909 | | 21528 |
| 75-1744 | | 24525 | 75-1825 | | 21508 | 75-1909 | | 21544 |
| 75-1745 | | 24521 | 75-1826 | | 24058 | 75-1911 | | 22089 |
| 75-1747 | | 25554 | 75-1827 | | 23518 | 75-1911 | | 22098 |
| 75-1748 | | 24544 | 75-1828 | | 24552 | 75-1912 | | 22089 |
| 75-1749 | | 24544 | 75-1829 | | 24675 | 75-1913 | | 24633 |
| 75-1750 | | 25536 | 75-1830 | | 21509 | 75-1915 | | 25510 |
| 75-1751 | | 22521 | 75-1831 | | 21039 | 75-1916 | | 25504 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| CARQUEST | | | CARQUEST | | | CARQUEST | | |
| 75-1920 | | 25036 | 75-2051 | | 24554 | 75-2121 | | 24554 |
| 75-1921 | | 25081 | 75-2053 | | 24554 | 75-2122 | | 24552 |
| 75-1927 | | 24169 | 75-2054 | | 24554 | 75-2123 | | 24552 |
| 75-1927 | | 24625 | 75-2055 | | 24554 | 75-2124 | | 22500 |
| 75-1931 | | 25534 | 75-2056 | | 24555 | 75-2125 | | 24560 |
| 75-1932 | | 25534 | 75-2057 | | 24554 | 75-2126 | | 24572 |
| 75-1934 | | 25081 | 75-2058 | | 24554 | 75-2127 | | 24619 |
| 75-1937 | | 25137 | 75-2060 | | 24554 | 75-2128 | | 24537 |
| 75-1945 | | 24061 | 75-2061 | | 24554 | 75-2131 | | 21043 |
| 75-1950 | | 24042 | 75-2062 | | 24554 | 75-2132 | | 24546 |
| 75-1952 | | 23518 | 75-2063 | | 22056 | 75-2133 | | 21538 |
| 75-1953 | | 23559 | 75-2064 | | 24554 | 75-2134 | | 24592 |
| 75-1954 | | 23127 | 75-2065 | | 25034 | 75-2135 | | 24631 |
| 75-1955 | | 25556 | 75-2068 | | 24042 | 75-2136 | | 24574 |
| 75-1961 | | 22032 | 75-2069 | | 24519 | 75-2137 | | 24527 |
| 75-1963 | | 24603 | 75-2070 | | 24603 | 75-2138 | | 25522 |
| 75-1966 | | 24166 | 75-2071 | | 24584 | 75-2140 | | 24625 |
| 75-1967 | | 23523 | 75-2072 | | 25650 | 75-2141 | | 24537 |
| 75-1968 | | 25013 | 75-2073 | | 25137 | 75-2142 | | 24551 |
| 75-1970 | | 25017 | 75-2074 | | 24542 | 75-2143 | | 24591 |
| 75-1971 | | 25018 | 75-2075 | | 24542 | 75-2144 | | 21511 |
| 75-1973 | | 25569 | 75-2076 | | 25523 | 75-2145 | | 21511 |
| 75-1975 | | 23549 | 75-2076 | | 25632 | 75-2145 | | 23001 |
| 75-1976 | | 23523 | 75-2078 | | 24071 | 75-2145 | | 23513 |
| 75-1978 | | 21040 | 75-2079 | | 24061 | 75-2146 | | 24538 |
| 75-1982 | | 23021 | 75-2080 | | 24286 | 75-2147 | | 24539 |
| 75-1985 | | 24102 | 75-2081 | | 24413 | 75-2148 | | 23518 |
| 75-1987 | | 24542 | 75-2082 | | 24282 | 75-2149 | | 24583 |
| 75-1987 | | 24633 | 75-2084 | | 24039 | 75-2150 | | 24536 |
| 75-2003 | | 25031 | 75-2085 | | 24682 | 75-2151 | | 23525 |
| 75-2005 | | 24105 | 75-2086 | | 24521 | 75-2152 | | 23513 |
| 75-2006 | | 21002 | 75-2087 | | 24545 | 75-2153 | | 21512 |
| 75-2007 | | 24194 | 75-2088 | | 24545 | 75-2154 | | 21512 |
| 75-2008 | | 24102 | 75-2089 | | 24550 | 75-2155 | | 23522 |
| 75-2010 | | 24033 | 75-2090 | | 24545 | 75-2156 | | 24614 |
| 75-2011 | | 24516 | 75-2091 | | 24545 | 75-2157 | | 24118 |
| 75-2012 | | 24502 | 75-2092 | | 24630 | 75-2158 | | 24554 |
| 75-2013 | | 24515 | 75-2093 | | 24630 | 75-2159 | | 24554 |
| 75-2014 | | 24506 | 75-2094 | | 24112 | 75-2160 | | 24560 |
| 75-2015 | | 24505 | 75-2095 | | 24112 | 75-2161 | | 24538 |
| 75-2020 | | 24614 | 75-2096 | | 24537 | 75-2162 | | 24044 |
| 75-2021 | | 24523 | 75-2097 | | 24542 | 75-2163 | | 24560 |
| 75-2022 | | 25559 | 75-2098 | | 24537 | 75-2164 | | 23518 |
| 75-2023 | | 21524 | 75-2099 | | 24111 | 75-2166 | | 23001 |
| 75-2024 | | 24614 | 75-2100 | | 24111 | 75-2167 | | 24052 |
| 75-2026 | | 24625 | 75-2101 | | 24537 | 75-2168 | | 23515 |
| 75-2028 | | 24603 | 75-2102 | | 24554 | 75-2169 | | 24588 |
| 75-2029 | | 24169 | 75-2103 | | 24546 | 75-2170 | | 24588 |
| 75-2030 | | 25529 | 75-2104 | | 25637 | 75-2171 | | 24578 |
| 75-2032 | | 24546 | 75-2105 | | 24112 | 75-2172 | | 24563 |
| 75-2033 | | 24169 | 75-2106 | | 24548 | 75-2173 | | 24507 |
| 75-2035 | | 24541 | 75-2107 | | 24541 | 75-2174 | | 25542 |
| 75-2036 | | 24172 | 75-2108 | | 23118 | 75-2175 | | 24289 |
| 75-2039 | | 24554 | 75-2109 | | 24537 | 75-2177 | | 24284 |
| 75-2040 | | 21519 | 75-2110 | | 25053 | 75-2178 | | 24808 |
| 75-2040 | | 21537 | 75-2111 | | 23123 | 75-2179 | | 24809 |
| 75-2042 | | 25511 | 75-2112 | | 23124 | 75-2180 | | 23519 |
| 75-2044 | | 23511 | 75-2113 | | 24419 | 75-2180 | | 24051 |
| 75-2045 | | 23509 | 75-2114 | | 24039 | 75-2181 | | 24619 |
| 75-2046 | | 24553 | 75-2116 | | 24154 | 75-2182 | | 24525 |
| 75-2046 | | 24554 | 75-2117 | | 23041 | 75-2183 | | 24594 |
| 75-2048 | | 24553 | 75-2118 | | 24656 | 75-2184 | | 24566 |
| 75-2049 | | 24553 | 75-2119 | | 24567 | 75-2185 | | 24660 |
| 75-2049 | | 24555 | 75-2120 | | 24537 | 75-2186 | | 24584 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| CARQUEST | | | CARQUEST | | | CARQUEST | | |
| 75-2187 | | 24594 | 75-2252 | | 24284 | 75-2319 | | 23532 |
| 75-2188 | | 24555 | 75-2253 | | 25546 | 75-2320 | | 24293 |
| 75-2189 | | 25561 | 75-2254 | | 24154 | 75-2321 | | 24594 |
| 75-2190 | | 24658 | 75-2255 | | 25568 | 75-2325 | | 24565 |
| 75-2191 | | 24619 | 75-2256 | | 24565 | 75-2326 | | 24657 |
| 75-2192 | | 24291 | 75-2257 | | 24807 | 75-2327 | | 24827 |
| 75-2193 | | 24283 | 75-2259 | | 24547 | 75-2328 | | 25550 |
| 75-2194 | | 24655 | 75-2260 | | 24564 | 75-2329 | | 24663 |
| 75-2195 | | 24548 | 75-2261 | | 21049 | 75-2330 | | 22060 |
| 75-2197 | | 24564 | 75-2262 | | 21044 | 75-2331 | | 22106 |
| 75-2198 | | 22033 | 75-2263 | | 24573 | 75-2332 | | 24066 |
| 75-2199 | | 22075 | 75-2264 | | 24643 | 75-2333 | | 25000 |
| 75-2200 | | 22502 | 75-2265 | | 24521 | 75-2334 | | 25166 |
| 75-2201 | | 22504 | 75-2266 | | 24630 | 75-2335 | | 25000 |
| 75-2202 | | 24594 | 75-2267 | | 24585 | 75-2336 | | 25169 |
| 75-2203 | | 22504 | 75-2268 | | 24584 | 75-2337 | | 25155 |
| 75-2204 | | 24579 | 75-2269 | | 24521 | 75-2338 | | 25150 |
| 75-2205 | | 24808 | 75-2270 | | 24039 | 75-2339 | | 25542 |
| 75-2206 | | 24563 | 75-2271 | | 24545 | 75-2340 | | 25151 |
| 75-2207 | | 24525 | 75-2272 | | 24521 | 75-2341 | | 25153 |
| 75-2208 | | 22502 | 75-2273 | | 23138 | 75-2342 | | 25586 |
| 75-2209 | | 25606 | 75-2274 | | 23140 | 75-2343 | | 25567 |
| 75-2210 | | 24689 | 75-2275 | | 24039 | 75-2344 | | 25563 |
| 75-2211 | | 24202 | 75-2276 | | 24545 | 75-2345 | | 25563 |
| 75-2212 | | 22065 | 75-2277 | | 24320 | 75-2346 | | 25677 |
| 75-2213 | | 24554 | 75-2278 | | 23139 | 75-2347 | | 23525 |
| 75-2214 | | 24229 | 75-2279 | | 23138 | 75-2348 | | 21512 |
| 75-2215 | | 24554 | 75-2280 | | 23141 | 75-2349 | | 23551 |
| 75-2216 | | 24097 | 75-2281 | | 23142 | 75-2350 | | 23525 |
| 75-2217 | | 22093 | 75-2282 | | 24521 | 75-2351 | | 24583 |
| 75-2218 | | 24092 | 75-2283 | | 24641 | 75-2354 | | 25564 |
| 75-2219 | | 24229 | 75-2284 | | 24409 | 75-2355 | | 24058 |
| 75-2220 | | 24549 | 75-2285 | | 24409 | 75-2356 | | 25569 |
| 75-2222 | | 24549 | 75-2286 | | 24666 | 75-2357 | | 21512 |
| 75-2223 | | 22062 | 75-2287 | | 24665 | 75-2358 | | 23513 |
| 75-2224 | | 24656 | 75-2288 | | 23128 | 75-2359 | | 23001 |
| 75-2225 | | 22506 | 75-2289 | | 21053 | 75-2359 | | 23513 |
| 75-2226 | | 22505 | 75-2290 | | 21045 | 75-2360 | | 25601 |
| 75-2227 | | 25545 | 75-2291 | | 24585 | 75-2361 | | 23549 |
| 75-2228 | | 24658 | 75-2292 | | 24235 | 75-2362 | | 24050 |
| 75-2229 | | 24225 | 75-2293 | | 23139 | 75-2363 | | 23518 |
| 75-2229 | | 25578 | 75-2294 | | 25582 | 75-2363 | | 24050 |
| 75-2230 | | 24669 | 75-2295 | | 25644 | 75-2364 | | 23001 |
| 75-2231 | | 21040 | 75-2296 | | 23141 | 75-2365 | | 23001 |
| 75-2232 | | 22503 | 75-2297 | | 25643 | 75-2366 | | 23518 |
| 75-2233 | | 24669 | 75-2300 | | 22113 | 75-2367 | | 25581 |
| 75-2234 | | 24548 | 75-2301 | | 22060 | 75-2368 | | 24050 |
| 75-2235 | | 24594 | 75-2302 | | 22503 | 75-2369 | | 25547 |
| 75-2236 | | 24521 | 75-2303 | | 22503 | 75-2371 | | 23521 |
| 75-2237 | | 24559 | 75-2304 | | 25635 | 75-2372 | | 25643 |
| 75-2238 | | 24571 | 75-2305 | | 24665 | 75-2373 | | 23001 |
| 75-2239 | | 24605 | 75-2306 | | 24665 | 75-2374 | | 24109 |
| 75-2240 | | 24579 | 75-2307 | | 24422 | 75-2375 | | 24521 |
| 75-2240 | | 24605 | 75-2308 | | 24410 | 75-2376 | | 23559 |
| 75-2241 | | 24554 | 75-2309 | | 23538 | 75-2377 | | 23513 |
| 75-2242 | | 24560 | 75-2310 | | 23130 | 75-2379 | | 23515 |
| 75-2243 | | 24560 | 75-2311 | | 23527 | 75-2380 | | 23558 |
| 75-2244 | | 24527 | 75-2312 | | 23544 | 75-2381 | | 22032 |
| 75-2245 | | 24560 | 75-2313 | | 23537 | 75-2382 | | 24504 |
| 75-2246 | | 24564 | 75-2314 | | 23141 | 75-2383 | | 24577 |
| 75-2247 | | 24571 | 75-2315 | | 23141 | 75-2388 | | 24076 |
| 75-2248 | | 24605 | 75-2316 | | 23533 | 75-2389 | | 22504 |
| 75-2249 | | 24039 | 75-2317 | | 23526 | 75-2390 | | 22032 |
| 75-2251 | | 24585 | 75-2318 | | 23142 | 75-2391 | | 24577 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| CARQUEST | | | CARQUEST | | | CARQUEST | | |
| 75-2392 | | 25564 | 75-2462 | | 24554 | 75-2529 | | 24411 |
| 75-2393 | | 22502 | 75-2463 | | 24559 | 75-2530 | | 24294 |
| 75-2394 | | 25564 | 75-2464 | | 24554 | 75-2531 | | 24295 |
| 75-2395 | | 22531 | 75-2465 | | 24553 | 75-2533 | | 22114 |
| 75-2396 | | 25568 | 75-2466 | | 24559 | 75-2534 | | 21047 |
| 75-2397 | | 22001 | 75-2467 | | 24657 | 75-2535 | | 21048 |
| 75-2398 | | 24684 | 75-2468 | | 24594 | 75-2536 | | 21042 |
| 75-2399 | | 22523 | 75-2469 | | 24808 | 75-2537 | | 21549 |
| 75-2400 | | 22514 | 75-2470 | | 24657 | 75-2538 | | 21555 |
| 75-2401 | | 22533 | 75-2471 | | 24658 | 75-2539 | | 21546 |
| 75-2402 | | 24230 | 75-2472 | | 24661 | 75-2540 | | 21049 |
| 75-2403 | | 22001 | 75-2473 | | 24662 | 75-2541 | | 21514 |
| 75-2405 | | 22001 | 75-2474 | | 24670 | 75-2542 | | 21548 |
| 75-2406 | | 22510 | 75-2475 | | 24656 | 75-2543 | | 24579 |
| 75-2407 | | 22531 | 75-2476 | | 25564 | 75-2544 | | 21547 |
| 75-2408 | | 22513 | 75-2477 | | 25567 | 75-2545 | | 21547 |
| 75-2409 | | 22098 | 75-2478 | | 25549 | 75-2546 | | 22500 |
| 75-2410 | | 22100 | 75-2479 | | 25536 | 75-2547 | | 24280 |
| 75-2411 | | 22119 | 75-2480 | | 25580 | 75-2548 | | 24296 |
| 75-2412 | | 25595 | 75-2481 | | 25583 | 75-2549 | | 23133 |
| 75-2413 | | 22120 | 75-2482 | | 25546 | 75-2550 | | 23145 |
| 75-2414 | | 22099 | 75-2483 | | 25594 | 75-2551 | | 23146 |
| 75-2415 | | 24505 | 75-2484 | | 25599 | 75-2552 | | 23144 |
| 75-2416 | | 24547 | 75-2485 | | 25596 | 75-2553 | | 23125 |
| 75-2417 | | 24676 | 75-2486 | | 24521 | 75-2554 | | 23143 |
| 75-2418 | | 24581 | 75-2487 | | 25587 | 75-2555 | | 23527 |
| 75-2419 | | 24567 | 75-2488 | | 25567 | 75-2556 | | 23141 |
| 75-2420 | | 24504 | 75-2489 | | 24669 | 75-2557 | | 23135 |
| 75-2421 | | 24575 | 75-2490 | | 24669 | 75-2558 | | 23137 |
| 75-2422 | | 24581 | 75-2491 | | 24554 | 75-2559 | | 23132 |
| 75-2423 | | 24547 | 75-2494 | | 24559 | 75-2560 | | 23132 |
| 75-2424 | | 24547 | 75-2495 | | 24568 | 75-2561 | | 24811 |
| 75-2425 | | 24579 | 75-2496 | | 24568 | 75-2562 | | 24564 |
| 75-2426 | | 24137 | 75-2497 | | 24566 | 75-2563 | | 22060 |
| 75-2427 | | 24649 | 75-2498 | | 24579 | 75-2564 | | 22106 |
| 75-2428 | | 24561 | 75-2499 | | 24669 | 75-2565 | | 24547 |
| 75-2429 | | 24561 | 75-2500 | | 24656 | 75-2566 | | 22000 |
| 75-2430 | | 24555 | 75-2501 | | 24573 | 75-2567 | | 22505 |
| 75-2431 | | 24808 | 75-2502 | | 24634 | 75-2568 | | 22519 |
| 75-2432 | | 24808 | 75-2503 | | 21547 | 75-2569 | | 22523 |
| 75-2433 | | 24555 | 75-2504 | | 24421 | 75-2571 | | 22117 |
| 75-2434 | | 24605 | 75-2505 | | 24320 | 75-2572 | | 22118 |
| 75-2435 | | 25044 | 75-2506 | | 24594 | 75-2573 | | 22096 |
| 75-2436 | | 24109 | 75-2508 | | 24551 | 75-2574 | | 22097 |
| 75-2437 | | 24542 | 75-2509 | | 24571 | 75-2575 | | 22090 |
| 75-2439 | | 23522 | 75-2510 | | 24605 | 75-2576 | | 22089 |
| 75-2441 | | 24521 | 75-2511 | | 24504 | 75-2577 | | 22089 |
| 75-2442 | | 25609 | 75-2512 | | 24605 | 75-2578 | | 22094 |
| 75-2444 | | 25608 | 75-2513 | | 24035 | 75-2579 | | 24614 |
| 75-2445 | | 25546 | 75-2514 | | 24581 | 75-2580 | | 24614 |
| 75-2447 | | 22064 | 75-2516 | | 22532 | 75-2582 | | 24578 |
| 75-2448 | | 24618 | 75-2517 | | 22505 | 75-2583 | | 23559 |
| 75-2449 | | 24648 | 75-2518 | | 22505 | 75-2584 | | 24618 |
| 75-2450 | | 22098 | 75-2519 | | 22103 | 75-2585 | | 24619 |
| 75-2451 | | 22027 | 75-2520 | | 22102 | 75-2586 | | 24618 |
| 75-2452 | | 24675 | 75-2521 | | 22104 | 75-2587 | | 24039 |
| 75-2453 | | 24172 | 75-2522 | | 22513 | 75-2588 | | 23549 |
| 75-2454 | | 24061 | 75-2523 | | 22514 | 75-2589 | | 23549 |
| 75-2455 | | 24542 | 75-2524 | | 24549 | 75-2590 | | 23523 |
| 75-2456 | | 24633 | 75-2525 | | 24549 | 75-2591 | | 23549 |
| 75-2457 | | 24584 | 75-2526 | | 24010 | 75-2592 | | 23523 |
| 75-2458 | | 24554 | 75-2526 | | 24036 | 75-2593 | | 24620 |
| 75-2460 | | 24548 | 75-2527 | | 24649 | 75-2594 | | 21512 |
| 75-2461 | | 24566 | 75-2528 | | 24579 | 75-2595 | | 23551 |

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Interchanges / Références

THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| CARQUEST | | | CARQUEST | | | CARQUEST | | |
| 75-2596 | | 23518 | 75-2661 | | 24639 | 75-2743 | | 25621 |
| 75-2597 | | 23513 | 75-2662 | | 24681 | 75-2744 | | 25705 |
| 75-2598 | | 21512 | 75-2675 | | 24635 | 75-2745 | | 25617 |
| 75-2599 | | 24154 | 75-2676 | | 24635 | 75-2746 | | 25617 |
| 75-2600 | | 24297 | 75-2679 | | 24598 | 75-2748 | | 25597 |
| 75-2601 | | 24297 | 75-2680 | | 24521 | 75-2750 | | 25589 |
| 75-2602 | | 24320 | 75-2681 | | 24526 | 75-2751 | | 25598 |
| 75-2603 | | 24574 | 75-2682 | | 24526 | 75-2752 | | 25603 |
| 75-2604 | | 24550 | 75-2683 | | 24635 | 75-2753 | | 25605 |
| 75-2606 | | 24550 | 75-2684 | | 24544 | 75-2754 | | 25605 |
| 75-2607 | | 24573 | 75-2685 | | 24606 | 75-2756 | | 25616 |
| 75-2608 | | 24288 | 75-2686 | | 24635 | 75-2757 | | 25614 |
| 75-2609 | | 24417 | 75-2687 | | 24635 | 75-2758 | | 25622 |
| 75-2610 | | 24585 | 75-2688 | | 24632 | 75-2759 | | 25616 |
| 75-2611 | | 24301 | 75-2689 | | 24632 | 75-2760 | | 25604 |
| 75-2612 | | 24660 | 75-2690 | | 24630 | 75-2761 | | 25653 |
| 75-2613 | | 24660 | 75-2691 | | 24637 | 75-2762 | | 25653 |
| 75-2614 | | 24665 | 75-2692 | | 24630 | 75-2766 | | 25622 |
| 75-2615 | | 24585 | 75-2693 | | 24646 | 75-2767 | | 25621 |
| 75-2616 | | 24665 | 75-2694 | | 24641 | 75-2768 | | 25621 |
| 75-2617 | | 24803 | 75-2695 | | 24645 | 75-2769 | | 25622 |
| 75-2618 | | 24302 | 75-2696 | | 24641 | 75-2770 | | 25605 |
| 75-2619 | | 24302 | 75-2697 | | 24527 | 75-2771 | | 24644 |
| 75-2620 | | 24287 | 75-2698 | | 24527 | 75-2772 | | 24644 |
| 75-2621 | | 24427 | 75-2699 | | 24606 | 75-2773 | | 24321 |
| 75-2622 | | 24292 | 75-2700 | | 24544 | 75-2774 | | 24320 |
| 75-2623 | | 24426 | 75-2701 | | 24544 | 75-2775 | | 24312 |
| 75-2624 | | 24429 | 75-2702 | | 24638 | 75-2776 | | 24306 |
| 75-2625 | | 24431 | 75-2703 | | 24572 | 75-2777 | | 24307 |
| 75-2626 | | 24647 | 75-2704 | | 24640 | 75-2778 | | 24306 |
| 75-2627 | | 24258 | 75-2705 | | 24638 | 75-2779 | | 24312 |
| 75-2628 | | 24413 | 75-2706 | | 24527 | 75-2780 | | 24321 |
| 75-2629 | | 24413 | 75-2707 | | 24632 | 75-2782 | | 24317 |
| 75-2630 | | 24414 | 75-2708 | | 24632 | 75-2783 | | 24317 |
| 75-2631 | | 24559 | 75-2709 | | 24526 | 75-2784 | | 24321 |
| 75-2632 | | 24559 | 75-2710 | | 24521 | 75-2785 | | 24314 |
| 75-2633 | | 24559 | 75-2713 | | 21521 | 75-2786 | | 24316 |
| 75-2634 | | 24554 | 75-2714 | | 21531 | 75-2787 | | 24321 |
| 75-2635 | | 24554 | 75-2716 | | 25597 | 75-2788 | | 24320 |
| 75-2636 | | 24594 | 75-2717 | | 25597 | 75-2789 | | 24320 |
| 75-2637 | | 24560 | 75-2718 | | 25597 | 75-2790 | | 25046 |
| 75-2638 | | 24594 | 75-2719 | | 25604 | 75-2791 | | 25531 |
| 75-2638 | | 24651 | 75-2720 | | 25621 | 75-2792 | | 25530 |
| 75-2639 | | 24651 | 75-2721 | | 25621 | 75-2793 | | 25526 |
| 75-2640 | | 24594 | 75-2722 | | 25617 | 75-2794 | | 22010 |
| 75-2641 | | 24554 | 75-2723 | | 25617 | 75-2795 | | 22500 |
| 75-2642 | | 24663 | 75-2724 | | 25592 | 75-2795 | | 22524 |
| 75-2643 | | 22101 | 75-2726 | | 25617 | 75-2796 | | 24300 |
| 75-2644 | | 22116 | 75-2727 | | 25593 | 75-2798 | | 24027 |
| 75-2645 | | 22100 | 75-2728 | | 25592 | 75-2799 | | 24582 |
| 75-2646 | | 22097 | 75-2729 | | 21531 | 75-2800 | | 23008 |
| 75-2647 | | 22115 | 75-2730 | | 25616 | 75-2800 | | 23101 |
| 75-2648 | | 22118 | 75-2731 | | 25613 | 75-2801 | | 24658 |
| 75-2649 | | 21529 | 75-2732 | | 25592 | 75-2804 | | 24564 |
| 75-2650 | | 21535 | 75-2733 | | 25593 | 75-2805 | | 24029 |
| 75-2651 | | 21545 | 75-2734 | | 25592 | 75-2806 | | 24024 |
| 75-2652 | | 21049 | 75-2735 | | 21531 | 75-2807 | | 24062 |
| 75-2653 | | 24572 | 75-2736 | | 25653 | 75-2810 | | 22001 |
| 75-2654 | | 24638 | 75-2737 | | 25605 | 75-2812 | | 25550 |
| 75-2655 | | 23131 | 75-2738 | | 25728 | 75-2813 | | 24203 |
| 75-2656 | | 23129 | 75-2739 | | 25621 | 75-2815 | | 22095 |
| 75-2657 | | 23529 | 75-2740 | | 25621 | 75-2818 | | 24518 |
| 75-2658 | | 25627 | 75-2741 | | 25604 | 75-2822 | | 23518 |
| 75-2659 | | 25627 | 75-2742 | | 25604 | 75-2823 | | 25574 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| CARQUEST | | | CARQUEST | | | CARQUEST | | |
| 75-2824 | | 24172 | 75-2983 | | 24172 | 75-3055 | | 24827 |
| 75-2826 | | 22013 | 75-2984 | | 24679 | 75-3056 | | 24694 |
| 75-2827 | | 25016 | 75-2985 | | 24047 | 75-3058 | | 24631 |
| 75-2831 | | 24678 | 75-2986 | | 24662 | 75-3059 | | 23523 |
| 75-2834 | | 22523 | 75-2987 | | 24564 | 75-3060 | | 23521 |
| 75-2835 | | 25163 | 75-2988 | | 24594 | 75-3061 | | 23551 |
| 75-2836 | | 24669 | 75-2989 | | 24662 | 75-3062 | | 21512 |
| 75-2837 | | 24575 | 75-2990 | | 24827 | 75-3063 | | 24674 |
| 75-2839 | | 24674 | 75-2993 | | 24320 | 75-3064 | | 23558 |
| 75-2840 | | 23522 | 75-2994 | | 21556 | 75-3065 | | 24690 |
| 75-2841 | | 23518 | 75-2997 | | 23569 | 75-3066 | | 23522 |
| 75-2842 | | 23521 | 75-2998 | | 23026 | 75-3067 | | 24452 |
| 75-2850 | | 24549 | 75-2999 | | 23135 | 75-3068 | | 21512 |
| 75-2851 | | 24807 | 75-3000 | | 23137 | 75-3070 | | 23513 |
| 75-2856 | | 22528 | 75-3001 | | 23132 | 75-3071 | | 24688 |
| 75-2862 | | 24037 | 75-3002 | | 23132 | 75-3072 | | 23550 |
| 75-2863 | | 22032 | 75-3003 | | 23527 | 75-3073 | | 24688 |
| 75-2869 | | 23515 | 75-3004 | | 23556 | 75-3074 | | 24535 |
| 75-2871 | | 23515 | 75-3005 | | 23159 | 75-3075 | | 23513 |
| 75-2872 | | 23514 | 75-3006 | | 23158 | 75-3076 | | 23518 |
| 75-2873 | | 23549 | 75-3007 | | 23051 | 75-3077 | | 23522 |
| 75-2874 | | 21511 | 75-3008 | | 23531 | 75-3078 | | 23524 |
| 75-2875 | | 24528 | 75-3009 | | 21512 | 75-3079 | | 23550 |
| 75-2889 | | 24033 | 75-3010 | | 21512 | 75-3080 | | 23518 |
| 75-2894 | | 24670 | 75-3011 | | 23522 | 75-3081 | | 23522 |
| 75-2895 | | 23523 | 75-3012 | | 24298 | 75-3082 | | 23524 |
| 75-2895 | | 23524 | 75-3013 | | 24407 | 75-3083 | | 23550 |
| 75-2896 | | 23516 | 75-3014 | | 24404 | 75-3084 | | 23521 |
| 75-2897 | | 23521 | 75-3015 | | 24298 | 75-3085 | | 23518 |
| 75-2898 | | 23518 | 75-3016 | | 24408 | 75-3086 | | 23524 |
| 75-2899 | | 23521 | 75-3017 | | 24408 | 75-3087 | | 23550 |
| 75-2900 | | 23518 | 75-3018 | | 24404 | 75-3088 | | 24688 |
| 75-2901 | | 23522 | 75-3019 | | 24401 | 75-3089 | | 24650 |
| 75-2902 | | 23524 | 75-3020 | | 24404 | 75-3090 | | 24688 |
| 75-2903 | | 23551 | 75-3021 | | 24405 | 75-3091 | | 24650 |
| 75-2904 | | 23518 | 75-3022 | | 24406 | 75-3092 | | 21511 |
| 75-2905 | | 23522 | 75-3023 | | 24299 | 75-3093 | | 24650 |
| 75-2908 | | 23524 | 75-3024 | | 24400 | 75-3094 | | 23513 |
| 75-2909 | | 23110 | 75-3025 | | 24003 | 75-3096 | | 24690 |
| 75-2910 | | 23141 | 75-3026 | | 24062 | 75-3097 | | 23525 |
| 75-2916 | | 25604 | 75-3027 | | 21044 | 75-3098 | | 23550 |
| 75-2917 | | 24313 | 75-3028 | | 21537 | 75-3103 | | 24236 |
| 75-2918 | | 25616 | 75-3029 | | 21054 | 75-3104 | | 24605 |
| 75-2919 | | 25617 | 75-3030 | | 21516 | 75-3105 | | 24662 |
| 75-2920 | | 25705 | 75-3031 | | 21514 | 75-3106 | | 24662 |
| 75-2922 | | 25588 | 75-3032 | | 21546 | 75-3107 | | 24661 |
| 75-2923 | | 25641 | 75-3033 | | 21042 | 75-3108 | | 21043 |
| 75-2924 | | 25645 | 75-3034 | | 21545 | 75-3112 | | 25610 |
| 75-2925 | | 25645 | 75-3035 | | 21514 | 75-3113 | | 25610 |
| 75-2927 | | 25649 | 75-3037 | | 21514 | 75-3114 | | 22007 |
| 75-2928 | | 24312 | 75-3038 | | 21517 | 75-3115 | | 24304 |
| 75-2972 | | 24414 | 75-3041 | | 24653 | 75-3116 | | 25176 |
| 75-2973 | | 24665 | 75-3043 | | 24806 | 75-3117 | | 25177 |
| 75-2974 | | 24664 | 75-3044 | | 21547 | 75-3118 | | 25000 |
| 75-2975 | | 24242 | 75-3045 | | 24653 | 75-3119 | | 25169 |
| 75-2976 | | 24240 | 75-3046 | | 21514 | 75-3120 | | 25180 |
| 75-2977 | | 24675 | 75-3047 | | 21546 | 75-3121 | | 25160 |
| 75-2978 | | 24586 | 75-3048 | | 21055 | 75-3122 | | 25178 |
| 75-2978 | | 24587 | 75-3049 | | 24564 | 75-3123 | | 25180 |
| 75-2978 | | 24679 | 75-3050 | | 24594 | 75-3124 | | 25181 |
| 75-2979 | | 24243 | 75-3051 | | 24649 | 75-3125 | | 25151 |
| 75-2980 | | 24239 | 75-3052 | | 24677 | 75-3126 | | 25175 |
| 75-2981 | | 24239 | 75-3053 | | 25721 | 75-3127 | | 25175 |
| 75-2982 | | 24668 | 75-3054 | | 24827 | 75-3128 | | 25158 |

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Interchanges / Références

THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| CARQUEST | | | CARQUEST | | | CARQUEST | | |
| 75-3129 | | 25152 | 75-3277 | | 24576 | 75-3367 | | 24278 |
| 75-3130 | | 25158 | 75-3278 | | 25569 | 75-3368 | | 24525 |
| 75-3131 | | 25158 | 75-3279 | | 25587 | 75-3369 | | 25045 |
| 75-3132 | | 22125 | 75-3283 | | 24521 | 75-3370 | | 23152 |
| 75-3133 | | 22524 | 75-3286 | | 25604 | 75-3371 | | 24296 |
| 75-3134 | | 24401 | 75-3288 | | 25613 | 75-3372 | | 24278 |
| 75-3135 | | 24298 | 75-3290 | | 25605 | 75-3373 | | 25619 |
| 75-3136 | | 24320 | 75-3291 | | 25597 | 75-3374 | | 24234 |
| 75-3203 | | 25654 | 75-3292 | | 25605 | 75-3375 | | 24232 |
| 75-3205 | | 22082 | 75-3293 | | 25622 | 75-3376 | | 22506 |
| 75-3207 | | 24086 | 75-3294 | | 25622 | 75-3377 | | 22506 |
| 75-3208 | | 24504 | 75-3295 | | 25605 | 75-3378 | | 25162 |
| 75-3209 | | 24176 | 75-3296 | | 25701 | 75-3379 | | 25162 |
| 75-3210 | | 24502 | 75-3297 | | 25701 | 75-3380 | | 23527 |
| 75-3211 | | 24510 | 75-3299 | | 25605 | 75-3381 | | 23556 |
| 75-3214 | | 24594 | 75-3300 | | 25605 | 75-3382 | | 21043 |
| 75-3215 | | 25529 | 75-3301 | | 25605 | 75-3383 | | 24560 |
| 75-3216 | | 25638 | 75-3302 | | 25622 | 75-3384 | | 21546 |
| 75-3217 | | 24529 | 75-3305 | | 25641 | 75-3385 | | 21514 |
| 75-3218 | | 24201 | 75-3306 | | 25622 | 75-3386 | | 24650 |
| 75-3219 | | 24202 | 75-3307 | | 25605 | 75-3387 | | 21546 |
| 75-3221 | | 24075 | 75-3308 | | 25705 | 75-3388 | | 21048 |
| 75-3223 | | 22013 | 75-3309 | | 25621 | 75-3389 | | 21054 |
| 75-3225 | | 22094 | 75-3310 | | 25605 | 75-3390 | | 23160 |
| 75-3228 | | 25652 | 75-3311 | | 24320 | 75-3391 | | 23114 |
| 75-3229 | | 25652 | 75-3312 | | 24316 | 75-3392 | | 21523 |
| 75-3230 | | 24602 | 75-3313 | | 24316 | 75-3393 | | 21547 |
| 75-3231 | | 24065 | 75-3314 | | 24314 | 75-3394 | | 25617 |
| 75-3232 | | 23098 | 75-3315 | | 24321 | 75-3395 | | 25617 |
| 75-3234 | | 25632 | 75-3316 | | 24321 | 75-3396 | | 23155 |
| 75-3235 | | 25538 | 75-3317 | | 24321 | 75-3397 | | 25648 |
| 75-3236 | | 25581 | 75-3318 | | 24314 | 75-3398 | | 24244 |
| 75-3237 | | 25554 | 75-3320 | | 24321 | 75-3399 | | 24247 |
| 75-3238 | | 25538 | 75-3321 | | 24321 | 75-3400 | | 24079 |
| 75-3239 | | 24238 | 75-3322 | | 24314 | 75-3401 | | 24308 |
| 75-3240 | | 24277 | 75-3324 | | 24318 | 75-3403 | | 25174 |
| 75-3241 | | 25627 | 75-3325 | | 24317 | 75-3404 | | 25173 |
| 75-3242 | | 25627 | 75-3326 | | 24320 | 75-3405 | | 24416 |
| 75-3247 | | 24618 | 75-3327 | | 24320 | 75-3406 | | 24194 |
| 75-3248 | | 23556 | 75-3328 | | 24321 | 75-3407 | | 24302 |
| 75-3249 | | 21553 | 75-3329 | | 24316 | 75-3408 | | 24259 |
| 75-3250 | | 24664 | 75-3330 | | 24314 | 75-3409 | | 22091 |
| 75-3251 | | 21006 | 75-3331 | | 24321 | 75-3410 | | 21555 |
| 75-3252 | | 21530 | 75-3332 | | 24318 | 75-3411 | | 22500 |
| 75-3255 | | 24569 | 75-3333 | | 24321 | 75-3412 | | 24665 |
| 75-3256 | | 25157 | 75-3334 | | 24314 | 75-3413 | | 24423 |
| 75-3257 | | 24659 | 75-3338 | | 25623 | 75-3414 | | 23159 |
| 75-3258 | | 24102 | 75-3339 | | 24593 | 75-3415 | | 23158 |
| 75-3260 | | 25577 | 75-3341 | | 25139 | 75-3416 | | 24821 |
| 75-3261 | | 24534 | 75-3343 | | 21049 | 75-3417 | | 24663 |
| 75-3263 | | 25630 | 75-3348 | | 25662 | 75-3418 | | 24667 |
| 75-3264 | | 25154 | 75-3349 | | 23099 | 75-3419 | | 24821 |
| 75-3265 | | 21525 | 75-3350 | | 23108 | 75-3420 | | 24688 |
| 75-3266 | | 25607 | 75-3353 | | 22089 | 75-3421 | | 24642 |
| 75-3267 | | 25631 | 75-3355 | | 24554 | 75-3422 | | 24642 |
| 75-3268 | | 22060 | 75-3358 | | 24675 | 75-3423 | | 24642 |
| 75-3269 | | 21516 | 75-3359 | | 24642 | 75-3424 | | 24598 |
| 75-3270 | | 25624 | 75-3360 | | 22504 | 75-3425 | | 24651 |
| 75-3271 | | 21043 | 75-3361 | | 24667 | 75-3426 | | 24642 |
| 75-3272 | | 21556 | 75-3362 | | 25629 | 75-3427 | | 24642 |
| 75-3273 | | 25573 | 75-3363 | | 25721 | 75-3428 | | 25155 |
| 75-3274 | | 21507 | 75-3364 | | 24647 | 75-3429 | | 25155 |
| 75-3275 | | 21525 | 75-3365 | | 24642 | 75-3430 | | 25591 |
| 75-3276 | | 25590 | 75-3366 | | 24281 | 75-3431 | | 25146 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| CARQUEST | | | CARQUEST | | | CARQUEST | | |
| 75-3432 | | 25147 | 75-3498 | | 24695 | 75-3563 | | 25604 |
| 75-3433 | | 21507 | 75-3499 | | 24825 | 75-3564 | | 21571 |
| 75-3434 | | 21525 | 75-3500 | | 24827 | 75-3565 | | 25186 |
| 75-3435 | | 24296 | 75-3501 | | 25607 | 75-3567 | | 24330 |
| 75-3436 | | 24280 | 75-3502 | | 24642 | 75-3568 | | 24324 |
| 75-3437 | | 25673 | 75-3503 | | 24255 | 75-3569 | | 24318 |
| 75-3438 | | 22506 | 75-3504 | | 24694 | 75-3570 | | 24306 |
| 75-3439 | | 21041 | 75-3505 | | 24254 | 75-3571 | | 24307 |
| 75-3440 | | 23115 | 75-3506 | | 24694 | 75-3572 | | 24312 |
| 75-3441 | | 23055 | 75-3507 | | 24618 | 75-3573 | | 24317 |
| 75-3442 | | 23114 | 75-3508 | | 24254 | 75-3574 | | 24318 |
| 75-3443 | | 25620 | 75-3509 | | 24694 | 75-3575 | | 24321 |
| 75-3444 | | 25151 | 75-3510 | | 24254 | 75-3576 | | 24312 |
| 75-3445 | | 24279 | 75-3511 | | 24662 | 75-3577 | | 24321 |
| 75-3446 | | 21508 | 75-3512 | | 24827 | 75-3578 | | 24316 |
| 75-3447 | | 25580 | 75-3513 | | 24663 | 75-3579 | | 24315 |
| 75-3448 | | 25646 | 75-3514 | | 24827 | 75-3580 | | 24315 |
| 75-3449 | | 25591 | 75-3515 | | 24662 | 75-3581 | | 24321 |
| 75-3450 | | 25630 | 75-3516 | | 24571 | 75-3582 | | 24314 |
| 75-3451 | | 21508 | 75-3517 | | 24605 | 75-3583 | | 24317 |
| 75-3452 | | 24807 | 75-3518 | | 24661 | 75-3584 | | 24318 |
| 75-3453 | | 24246 | 75-3519 | | 21547 | 75-3585 | | 24316 |
| 75-3454 | | 24245 | 75-3520 | | 21547 | 75-3586 | | 24321 |
| 75-3456 | | 23519 | 75-3521 | | 21547 | 75-3587 | | 24309 |
| 75-3457 | | 23551 | 75-3522 | | 24676 | 75-3588 | | 24320 |
| 75-3458 | | 24547 | 75-3523 | | 24662 | 75-3589 | | 24316 |
| 75-3459 | | 23520 | 75-3524 | | 24237 | 75-3590 | | 24319 |
| 75-3460 | | 24570 | 75-3525 | | 24833 | 75-3591 | | 24594 |
| 75-3461 | | 25651 | 75-3526 | | 24594 | 75-3592 | | 24581 |
| 75-3462 | | 24129 | 75-3527 | | 24594 | 75-3593 | | 24653 |
| 75-3463 | | 25623 | 75-3528 | | 24594 | 75-3594 | | 24594 |
| 75-3464 | | 22505 | 75-3529 | | 24833 | 75-3595 | | 24827 |
| 75-3465 | | 25655 | 75-3530 | | 24313 | 75-3596 | | 24600 |
| 75-3466 | | 24527 | 75-3531 | | 25592 | 75-3597 | | 25010 |
| 75-3467 | | 25666 | 75-3532 | | 25592 | 75-3598 | | 24317 |
| 75-3468 | | 25667 | 75-3534 | | 25649 | 75-3599 | | 24317 |
| 75-3469 | | 24551 | 75-3535 | | 25621 | 75-3605 | | 24637 |
| 75-3470 | | 24293 | 75-3536 | | 25617 | 75-3606 | | 21044 |
| 75-3471 | | 24548 | 75-3537 | | 25616 | 75-3607 | | 24560 |
| 75-3472 | | 24566 | 75-3538 | | 25616 | 75-3608 | | 24101 |
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| 75-3474 | | 22126 | 75-3541 | | 25617 | 75-3610 | | 24588 |
| 75-3475 | | 25658 | 75-3542 | | 25592 | 75-3611 | | 25160 |
| 75-3476 | | 25658 | 75-3543 | | 25617 | 75-3612 | | 25606 |
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| 75-3481 | | 25631 | 75-3548 | | 25622 | 75-3617 | | 25646 |
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| 75-3485 | | 21047 | 75-3551 | | 25622 | 75-3620 | | 25662 |
| 75-3486 | | 21043 | 75-3552 | | 24298 | 75-3621 | | 25591 |
| 75-3487 | | 24302 | 75-3552 | | 24644 | 75-3622 | | 25619 |
| 75-3488 | | 24259 | 75-3553 | | 25701 | 75-3628 | | 24678 |
| 75-3489 | | 24302 | 75-3554 | | 21531 | 75-3629 | | 24697 |
| 75-3490 | | 24255 | 75-3555 | | 25656 | 75-3632 | | 24414 |
| 75-3491 | | 24232 | 75-3556 | | 25657 | 75-3633 | | 24255 |
| 75-3492 | | 25670 | 75-3557 | | 25660 | 75-3634 | | 24259 |
| 75-3493 | | 25669 | 75-3558 | | 25659 | 75-3635 | | 25699 |
| 75-3494 | | 25670 | 75-3559 | | 25649 | 75-3636 | | 24048 |
| 75-3495 | | 24232 | 75-3560 | | 21556 | 75-3637 | | 25700 |
| 75-3496 | | 24688 | 75-3561 | | 21556 | 75-3638 | | 24048 |
| 75-3497 | | 24657 | 75-3562 | | 25604 | 75-3639 | | 25699 |

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Interchanges / Références

THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| CARQUEST | | | CARQUEST | | | CARQUEST | | |
| 75-3640 | | 24026 | 75-3707 | | 25083 | 75-3775 | | 24339 |
| 75-3641 | | 24694 | 75-3708 | | 25079 | 75-3776 | | 24329 |
| 75-3642 | | 24429 | 75-3709 | | 21063 | 75-3778 | | 24329 |
| 75-3643 | | 24305 | 75-3710 | | 21044 | 75-3779 | | 24326 |
| 75-3644 | | 24259 | 75-3712 | | 24661 | 75-3780 | | 24324 |
| 75-3645 | | 24255 | 75-3713 | | 21561 | 75-3781 | | 24331 |
| 75-3646 | | 24668 | 75-3714 | | 21566 | 75-3782 | | 24341 |
| 75-3647 | | 24820 | 75-3715 | | 21566 | 75-3783 | | 24324 |
| 75-3648 | | 24432 | 75-3716 | | 25676 | 75-3785 | | 24323 |
| 75-3649 | | 24249 | 75-3717 | | 24333 | 75-3786 | | 24323 |
| 75-3650 | | 24250 | 75-3718 | | 24696 | 75-3787 | | 24324 |
| 75-3651 | | 24808 | 75-3719 | | 24642 | 75-3788 | | 24328 |
| 75-3652 | | 24594 | 75-3720 | | 24696 | 75-3789 | | 24328 |
| 75-3654 | | 24662 | 75-3721 | | 24642 | 75-3790 | | 24334 |
| 75-3655 | | 24827 | 75-3722 | | 25646 | 75-3791 | | 24326 |
| 75-3657 | | 24594 | 75-3723 | | 25619 | 75-3792 | | 24323 |
| 75-3658 | | 24833 | 75-3724 | | 24320 | 75-3793 | | 24333 |
| 75-3659 | | 24594 | 75-3725 | | 25662 | 75-3794 | | 24330 |
| 75-3660 | | 24594 | 75-3726 | | 25646 | 75-3795 | | 24322 |
| 75-3661 | | 25721 | 75-3727 | | 25662 | 75-3796 | | 24333 |
| 75-3662 | | 24594 | 75-3728 | | 25662 | 75-3797 | | 24316 |
| 75-3663 | | 24677 | 75-3729 | | 25646 | 75-3798 | | 24317 |
| 75-3664 | | 24662 | 75-3730 | | 25619 | 75-3799 | | 24314 |
| 75-3665 | | 24833 | 75-3731 | | 22500 | 75-3800 | | 24311 |
| 75-3666 | | 24594 | 75-3732 | | 24690 | 75-3801 | | 24310 |
| 75-3667 | | 24594 | 75-3733 | | 23524 | 75-3802 | | 24316 |
| 75-3669 | | 24662 | 75-3734 | | 24674 | 75-3803 | | 24327 |
| 75-3670 | | 24833 | 75-3735 | | 23558 | 75-3804 | | 24343 |
| 75-3671 | | 24833 | 75-3736 | | 23521 | 75-3805 | | 25604 |
| 75-3672 | | 24131 | 75-3737 | | 23550 | 75-3806 | | 25649 |
| 75-3673 | | 24605 | 75-3738 | | 24688 | 75-3807 | | 24317 |
| 75-3674 | | 24132 | 75-3739 | | 25627 | 75-3808 | | 25616 |
| 75-3675 | | 23566 | 75-3740 | | 25612 | 75-3810 | | 25186 |
| 75-3676 | | 23018 | 75-3741 | | 25611 | 75-3811 | | 25617 |
| 75-3677 | | 25186 | 75-3742 | | 25675 | 75-3812 | | 25613 |
| 75-3678 | | 24605 | 75-3743 | | 25656 | 75-3813 | | 24337 |
| 75-3679 | | 24566 | 75-3744 | | 25621 | 75-3814 | | 24321 |
| 75-3680 | | 24649 | 75-3745 | | 25661 | 75-3816 | | 24594 |
| 75-3681 | | 21558 | 75-3746 | | 25661 | 75-3817 | | 21547 |
| 75-3682 | | 21545 | 75-3747 | | 25661 | 75-3818 | | 24662 |
| 75-3683 | | 21556 | 75-3748 | | 25592 | 75-3819 | | 24827 |
| 75-3684 | | 21561 | 75-3749 | | 25657 | 75-3820 | | 24838 |
| 75-3685 | | 21023 | 75-3750 | | 25668 | 75-3821 | | 23527 |
| 75-3686 | | 21546 | 75-3751 | | 25604 | 75-3822 | | 23533 |
| 75-3687 | | 21556 | 75-3752 | | 25675 | 75-3822 | | 23544 |
| 75-3688 | | 21558 | 75-3753 | | 25656 | 75-3823 | | 25680 |
| 75-3689 | | 21559 | 75-3754 | | 25613 | 75-3825 | | 24433 |
| 75-3690 | | 25618 | 75-3755 | | 25612 | 75-3826 | | 24267 |
| 75-3691 | | 21559 | 75-3756 | | 25676 | 75-3827 | | 24269 |
| 75-3692 | | 21049 | 75-3757 | | 25676 | 75-3828 | | 24269 |
| 75-3693 | | 24320 | 75-3758 | | 25613 | 75-3829 | | 24346 |
| 75-3694 | | 21567 | 75-3759 | | 25612 | 75-3830 | | 24346 |
| 75-3695 | | 21565 | 75-3760 | | 25613 | 75-3831 | | 24338 |
| 75-3696 | | 24312 | 75-3761 | | 25657 | 75-3832 | | 24343 |
| 75-3697 | | 21563 | 75-3762 | | 25696 | 75-3833 | | 24335 |
| 75-3698 | | 25189 | 75-3763 | | 25657 | 75-3834 | | 24343 |
| 75-3699 | | 25190 | 75-3765 | | 25656 | 75-3835 | | 25656 |
| 75-3700 | | 21559 | 75-3766 | | 25675 | 75-3836 | | 25729 |
| 75-3701 | | 21560 | 75-3767 | | 25656 | 75-3837 | | 25725 |
| 75-3702 | | 21546 | 75-3770 | | 24341 | 75-3838 | | 24309 |
| 75-3703 | | 21561 | 75-3771 | | 24326 | 75-3839 | | 24335 |
| 75-3704 | | 21555 | 75-3772 | | 24329 | 75-3840 | | 24338 |
| 75-3705 | | 21546 | 75-3773 | | 24331 | 75-3841 | | 24338 |
| 75-3706 | | 21546 | 75-3774 | | 24331 | 75-3842 | | 24340 |

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|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| CARQUEST | | | CARQUEST | | | CARQUEST | | |
| 75-3843 | | 24336 | 75-3931 | | 24642 | 75-4024 | | 24355 |
| 75-3844 | | 24344 | 75-3932 | | 24642 | 75-4025 | | 24446 |
| 75-3845 | | 24335 | 75-3933 | | 24452 | 75-4026 | | 21512 |
| 75-3846 | | 24319 | 75-3934 | | 24696 | 75-4027 | | 23521 |
| 75-3847 | | 24336 | 75-3935 | | 24696 | 75-4028 | | 24674 |
| 75-3848 | | 24327 | 75-3936 | | 21547 | 75-4029 | | 23524 |
| 75-3849 | | 25668 | 75-3938 | | 24581 | 75-4031 | | 24843 |
| 75-3850 | | 25675 | 75-3939 | | 24594 | 75-4032 | | 25192 |
| 75-3851 | | 25729 | 75-3942 | | 24594 | 75-4033 | | 25619 |
| 75-3852 | | 25682 | 75-3944 | | 24687 | 75-4034 | | 25591 |
| 75-3853 | | 24321 | 75-3945 | | 24687 | 75-4035 | | 25706 |
| 75-3854 | | 24318 | 75-3946 | | 24677 | 75-4037 | | 25662 |
| 75-3855 | | 25687 | 75-3948 | | 24581 | 75-4038 | | 25646 |
| 75-3856 | | 25688 | 75-3949 | | 24579 | 75-4039 | | 25619 |
| 75-3858 | | 24333 | 75-3952 | | 24661 | 75-4041 | | 25662 |
| 75-3859 | | 24322 | 75-3953 | | 24662 | 75-4042 | | 25619 |
| 75-3860 | | 24333 | 75-3954 | | 24662 | 75-4043 | | 25704 |
| 75-3861 | | 25612 | 75-3957 | | 25656 | 75-4044 | | 25646 |
| 75-3862 | | 24331 | 75-3958 | | 25675 | 75-4045 | | 25646 |
| 75-3864 | | 21058 | 75-3959 | | 24352 | 75-4046 | | 25716 |
| 75-3865 | | 21575 | 75-3960 | | 24351 | 75-4047 | | 23532 |
| 75-3866 | | 21571 | 75-3961 | | 24341 | 75-4048 | | 24316 |
| 75-3867 | | 21555 | 75-3962 | | 24350 | 75-4053 | | 24314 |
| 75-3868 | | 21565 | 75-3963 | | 24341 | 75-4053 | | 24317 |
| 75-3869 | | 21514 | 75-3964 | | 24342 | 75-4053 | | 24318 |
| 75-3872 | | 21546 | 75-3965 | | 25619 | 75-4053 | | 24321 |
| 75-3873 | | 21546 | 75-3966 | | 21035 | 75-4055 | | 21044 |
| 75-3881 | | 21560 | 75-3967 | | 21558 | 75-4056 | | 21514 |
| 75-3882 | | 21576 | 75-3968 | | 21066 | 75-4057 | | 21516 |
| 75-3883 | | 21058 | 75-3974 | | 22500 | 75-4058 | | 21043 |
| 75-3886 | | 21064 | 75-3975 | | 22009 | 75-4059 | | 21049 |
| 75-3887 | | 25680 | 75-3978 | | 22500 | 75-4060 | | 21045 |
| 75-3888 | | 25680 | 75-3979 | | 22124 | 75-4061 | | 21053 |
| 75-3889 | | 25700 | 75-3981 | | 22046 | 75-4062 | | 21548 |
| 75-3891 | | 24835 | 75-3982 | | 24677 | 75-4063 | | 21048 |
| 75-3892 | | 24259 | 75-3983 | | 25721 | 75-4064 | | 21042 |
| 75-3893 | | 24026 | 75-3984 | | 24566 | 75-4068 | | 24316 |
| 75-3894 | | 24266 | 75-3986 | | 24564 | 75-4068 | | 24321 |
| 75-3895 | | 25183 | 75-3987 | | 24605 | 75-4070 | | 24316 |
| 75-3896 | | 25182 | 75-3988 | | 24827 | 75-4071 | | 25597 |
| 75-3897 | | 25671 | 75-3989 | | 24662 | 75-4071 | | 25641 |
| 75-3898 | | 25672 | 75-3990 | | 24827 | 75-4071 | | 25645 |
| 75-3899 | | 25671 | 75-3991 | | 24661 | 75-4072 | | 25605 |
| 75-3900 | | 25195 | 75-3992 | | 24833 | 75-4072 | | 25621 |
| 75-3901 | | 25196 | 75-3998 | | 22045 | 75-4072 | | 25689 |
| 75-3902 | | 25679 | 75-4001 | | 24269 | 75-4072 | | 25705 |
| 75-3903 | | 24450 | 75-4003 | | 24823 | 75-4073 | | 24338 |
| 75-3905 | | 25720 | 75-4007 | | 22528 | 75-4074 | | 25604 |
| 75-3907 | | 25698 | 75-4008 | | 24320 | 75-4074 | | 25622 |
| 75-3908 | | 24588 | 75-4009 | | 24444 | 75-4075 | | 25604 |
| 75-3909 | | 25198 | 75-4010 | | 24445 | 75-4076 | | 21569 |
| 75-3910 | | 24331 | 75-4011 | | 24446 | 75-4076 | | 21574 |
| 75-3911 | | 24329 | 75-4012 | | 25670 | 75-4076 | | 25604 |
| 75-3913 | | 25679 | 75-4013 | | 24360 | 75-4077 | | 25657 |
| 75-3914 | | 25685 | 75-4014 | | 22018 | 75-4079 | | 25605 |
| 75-3915 | | 25679 | 75-4015 | | 25686 | 75-4080 | | 25605 |
| 75-3916 | | 24244 | 75-4016 | | 24697 | 75-4080 | | 25621 |
| 75-3917 | | 24449 | 75-4017 | | 25670 | 75-4080 | | 25622 |
| 75-3919 | | 24450 | 75-4018 | | 24232 | 75-4080 | | 25661 |
| 75-3922 | | 21035 | 75-4019 | | 24232 | 75-4081 | | 25656 |
| 75-3925 | | 21548 | 75-4020 | | 24354 | 75-4082 | | 25687 |
| 75-3927 | | 25696 | 75-4021 | | 24443 | 75-4083 | | 24342 |
| 75-3929 | | 24825 | 75-4022 | | 24829 | 75-4086 | | 24328 |
| 75-3930 | | 24642 | 75-4023 | | 24698 | 75-4088 | | 25657 |

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|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| CARQUEST | | | Delphi | | | Delphi | | |
| 75-4089 | | 24310 | ES10145 | | 22092 | ES10237 | | 25516 |
| | Delphi | | ES10146 | | 22043 | ES10238 | | 25510 |
| ES10001 | | 21002 | ES10148 | | 22043 | ES10239 | | 25506 |
| ES10003 | | 21553 | ES10149 | | 22071 | ES10240 | | 25034 |
| ES10003 | | 23021 | ES10157 | | 22074 | ES10241 | | 25516 |
| ES10004 | | 21002 | ES10158 | | 22010 | ES10242 | | 25040 |
| ES10005 | | 21003 | ES10160 | | 22521 | ES10243 | | 25040 |
| ES10006 | | 21006 | ES10162 | | 22056 | ES10245 | | 25528 |
| ES10007 | | 21004 | ES10162 | | 22501 | ES10246 | | 25540 |
| ES10008 | | 21543 | ES10166 | | 22088 | ES10248 | | 25516 |
| ES10009 | | 21528 | ES10167 | | 22098 | ES10249 | | 25512 |
| ES10010 | | 21544 | ES10175 | | 22016 | ES10250 | | 25562 |
| ES10011 | | 21006 | ES10179 | | 23004 | ES10252 | | 25567 |
| ES10012 | | 21539 | ES10180 | | 23005 | ES10253 | | 25533 |
| ES10013 | | 21539 | ES10182 | | 23553 | ES10254 | | 25529 |
| ES10014 | | 21528 | ES10183 | | 23023 | ES10256 | | 25516 |
| ES10015 | | 21551 | ES10184 | | 23035 | ES10257 | | 25510 |
| ES10016 | | 21006 | ES10185 | | 23032 | ES10258 | | 25038 |
| ES10017 | | 21550 | ES10186 | | 23023 | ES10259 | | 25081 |
| ES10021 | | 21002 | ES10187 | | 23023 | ES10260 | | 25726 |
| ES10022 | | 21002 | ES10188 | | 23001 | ES10261 | | 25576 |
| ES10034 | | 21002 | ES10190 | | 23094 | ES10262 | | 25574 |
| ES10039 | | 21553 | ES10191 | | 23093 | ES10263 | | 25552 |
| ES10047 | | 21541 | ES10192 | | 23007 | ES10264 | | 25103 |
| ES10049 | | 21506 | ES10193 | | 23099 | ES10265 | | 22047 |
| ES10066 | | 21539 | ES10194 | | 23558 | ES10266 | | 25529 |
| ES10067 | | 21550 | ES10195 | | 23001 | ES10267 | | 25103 |
| ES10068 | | 21538 | ES10196 | | 23559 | ES10268 | | 25517 |
| ES10069 | | 21536 | ES10197 | | 23014 | ES10269 | | 25036 |
| ES10070 | | 21537 | ES10198 | | 23151 | ES10270 | | 25040 |
| ES10071 | | 21550 | ES10199 | | 23121 | ES10272 | | 25534 |
| ES10072 | | 21537 | ES10200 | | 23506 | ES10273 | | 25081 |
| ES10074 | | 21550 | ES10201 | | 23108 | ES10274 | | 25634 |
| ES10076 | | 21539 | ES10202 | | 23023 | ES10275 | | 25637 |
| ES10077 | | 21530 | ES10203 | | 23041 | ES10276 | | 25053 |
| ES10080 | | 21519 | ES10205 | | 23041 | ES10278 | | 25520 |
| ES10081 | | 21519 | ES10206 | | 23001 | ES10279 | | 24194 |
| ES10083 | | 21539 | ES10206 | | 23020 | ES10280 | | 24102 |
| ES10084 | | 21543 | ES10207 | | 23006 | ES10282 | | 25081 |
| ES10085 | | 21510 | ES10210 | | 23008 | ES10283 | | 25534 |
| ES10086 | | 24626 | ES10211 | | 23023 | ES10284 | | 25534 |
| ES10087 | | 21537 | ES10213 | | 23016 | ES10285 | | 25520 |
| ES10088 | | 21528 | ES10214 | | 23048 | ES10287 | | 25137 |
| ES10091 | | 23044 | ES10216 | | 23021 | ES10288 | | 24145 |
| ES10100 | | 21553 | ES10217 | | 25572 | ES10289 | | 25034 |
| ES10101 | | 21002 | ES10219 | | 25031 | ES10290 | | 25041 |
| ES10103 | | 21541 | ES10220 | | 24006 | ES10291 | | 25034 |
| ES10107 | | 21541 | ES10221 | | 24006 | ES10294 | | 25521 |
| ES10111 | | 21006 | ES10222 | | 22082 | ES10295 | | 25632 |
| ES10119 | | 21544 | ES10223 | | 25034 | ES10299 | | 24614 |
| ES10121 | | 21524 | ES10224 | | 24105 | ES10300 | | 24500 |
| ES10131 | | 23552 | ES10224 | | 24611 | ES10301 | | 24614 |
| ES10132 | | 22534 | ES10225 | | 24141 | ES10302 | | 24512 |
| ES10133 | | 22013 | ES10226 | | 24105 | ES10303 | | 24511 |
| ES10134 | | 22014 | ES10227 | | 23500 | ES10304 | | 24536 |
| ES10135 | | 22013 | ES10228 | | 24033 | ES10305 | | 24511 |
| ES10136 | | 22503 | ES10229 | | 25507 | ES10306 | | 24537 |
| ES10137 | | 22500 | ES10230 | | 25506 | ES10307 | | 24118 |
| ES10138 | | 22500 | ES10231 | | 25034 | ES10309 | | 25552 |
| ES10139 | | 22060 | ES10232 | | 25034 | ES10310 | | 24538 |
| ES10141 | | 22503 | ES10233 | | 25040 | ES10311 | | 25643 |
| ES10142 | | 24010 | ES10234 | | 25505 | ES10313 | | 24111 |
| ES10143 | | 24022 | ES10235 | | 25034 | ES10316 | | 24502 |
| ES10144 | | 22088 | ES10236 | | 25509 | ES10317 | | 24510 |

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|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| Delphi | | | Delphi | | | Delphi | | |
| ES10318 | | 24511 | ES10415 | | 24169 | ES10557 | | 24507 |
| ES10320 | | 24512 | ES10416 | | 24542 | ES10557 | | 24509 |
| ES10321 | | 24673 | ES10417 | | 24542 | ES10558 | | 24537 |
| ES10323 | | 24505 | ES10418 | | 24625 | ES10559 | | 24516 |
| ES10324 | | 24548 | ES10420 | | 24042 | ES10560 | | 21509 |
| ES10325 | | 24169 | ES10421 | | 24166 | ES10561 | | 24554 |
| ES10327 | | 24172 | ES10422 | | 24042 | ES10562 | | 24537 |
| ES10328 | | 24172 | ES10422 | | 24655 | ES10563 | | 24630 |
| ES10331 | | 25504 | ES10423 | | 23516 | ES10564 | | 24542 |
| ES10332 | | 25103 | ES10427 | | 22001 | ES10565 | | 24554 |
| ES10333 | | 25539 | ES10429 | | 24229 | ES10566 | | 24584 |
| ES10335 | | 25534 | ES10431 | | 24097 | ES10567 | | 24554 |
| ES10335 | | 25570 | ES10433 | | 24231 | ES10568 | | 25550 |
| ES10337 | | 25636 | ES10435 | | 24675 | ES10569 | | 24637 |
| ES10338 | | 25504 | ES10437 | | 24052 | ES10570 | | 24632 |
| ES10340 | | 25518 | ES10438 | | 24614 | ES10571 | | 24635 |
| ES10341 | | 24169 | ES10439 | | 24520 | ES10572 | | 24544 |
| ES10346 | | 25530 | ES10441 | | 23514 | ES10573 | | 24544 |
| ES10347 | | 25103 | ES10445 | | 23518 | ES10574 | | 25545 |
| ES10348 | | 24102 | ES10446 | | 25556 | ES10575 | | 25568 |
| ES10352 | | 25523 | ES10447 | | 21541 | ES10576 | | 25564 |
| ES10353 | | 25560 | ES10448 | | 25572 | ES10577 | | 25564 |
| ES10354 | | 24194 | ES10449 | | 25534 | ES10578 | | 25564 |
| ES10355 | | 25511 | ES10450 | | 25580 | ES10579 | | 25568 |
| ES10358 | | 25565 | ES10451 | | 24012 | ES10580 | | 25564 |
| ES10361 | | 25041 | ES10452 | | 22075 | ES10581 | | 25546 |
| ES10363 | | 25565 | ES10453 | | 24015 | ES10582 | | 25594 |
| ES10364 | | 25560 | ES10454 | | 24154 | ES10583 | | 25599 |
| ES10366 | | 24023 | ES10456 | | 24521 | ES10584 | | 25596 |
| ES10367 | | 24022 | ES10458 | | 24225 | ES10585 | | 24632 |
| ES10369 | | 24019 | ES10458 | | 24533 | ES10586 | | 25572 |
| ES10370 | | 24027 | ES10461 | | 25549 | ES10587 | | 25031 |
| ES10371 | | 22092 | ES10462 | | 24004 | ES10588 | | 25034 |
| ES10372 | | 22085 | ES10463 | | 24031 | ES10589 | | 25038 |
| ES10372 | | 24014 | ES10465 | | 24012 | ES10590 | | 24523 |
| ES10373 | | 24029 | ES10466 | | 24002 | ES10591 | | 23131 |
| ES10375 | | 23515 | ES10467 | | 24003 | ES10592 | | 23110 |
| ES10375 | | 24052 | ES10469 | | 24169 | ES10592 | | 23124 |
| ES10377 | | 24525 | ES10476 | | 24042 | ES10593 | | 23114 |
| ES10379 | | 24092 | ES10477 | | 25577 | ES10594 | | 23108 |
| ES10381 | | 24601 | ES10480 | | 25578 | ES10595 | | 23132 |
| ES10382 | | 24519 | ES10490 | | 25558 | ES10595 | | 23140 |
| ES10383 | | 24157 | ES10493 | | 25550 | ES10595 | | 23141 |
| ES10384 | | 24525 | ES10497 | | 24064 | ES10596 | | 23138 |
| ES10386 | | 24062 | ES10499 | | 24044 | ES10597 | | 24576 |
| ES10387 | | 24024 | ES10500 | | 24579 | ES10598 | | 21527 |
| ES10389 | | 24502 | ES10501 | | 24552 | ES10599 | | 23133 |
| ES10392 | | 24502 | ES10504 | | 23002 | ES10600 | | 23133 |
| ES10394 | | 24508 | ES10508 | | 24080 | ES10601 | | 24280 |
| ES10396 | | 24535 | ES10509 | | 24544 | ES10602 | | 21528 |
| ES10397 | | 25554 | ES10510 | | 24521 | ES10603 | | 21513 |
| ES10398 | | 25640 | ES10521 | | 24154 | ES10604 | | 21507 |
| ES10399 | | 25582 | ES10533 | | 24010 | ES10605 | | 24598 |
| ES10401 | | 25549 | ES10544 | | 21528 | ES10606 | | 25583 |
| ES10402 | | 25581 | ES10545 | | 22521 | ES10607 | | 25617 |
| ES10403 | | 25549 | ES10547 | | 24521 | ES10608 | | 24058 |
| ES10404 | | 25633 | ES10548 | | 22027 | ES10609 | | 23097 |
| ES10406 | | 25581 | ES10549 | | 22524 | ES10610 | | 23518 |
| ES10407 | | 25585 | ES10550 | | 23047 | ES10610 | | 23549 |
| ES10409 | | 25633 | ES10551 | | 23088 | ES10611 | | 23511 |
| ES10410 | | 23551 | ES10552 | | 23088 | ES10612 | | 23512 |
| ES10411 | | 24535 | ES10553 | | 23509 | ES10613 | | 23515 |
| ES10412 | | 21509 | ES10554 | | 25564 | ES10614 | | 23513 |
| ES10413 | | 23001 | ES10555 | | 24552 | ES10615 | | 23513 |

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Interchanges / Références

THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| Delphi | | | Delphi | | | Delphi | | |
| ES10616 | | 23517 | ES10679 | | 25515 | ES10744 | | 24602 |
| ES10616 | | 23549 | ES10680 | | 24521 | ES10745 | | 24603 |
| ES10617 | | 21517 | ES10681 | | 22075 | ES10746 | | 24584 |
| ES10618 | | 21514 | ES10682 | | 24521 | ES10747 | | 22089 |
| ES10619 | | 21524 | ES10683 | | 24521 | ES10748 | | 21512 |
| ES10620 | | 21516 | ES10684 | | 22062 | ES10749 | | 24606 |
| ES10621 | | 21514 | ES10685 | | 22033 | ES10750 | | 21512 |
| ES10622 | | 23525 | ES10686 | | 24526 | ES10751 | | 24300 |
| ES10623 | | 23533 | ES10687 | | 24527 | ES10820 | | 25579 |
| ES10624 | | 23523 | ES10688 | | 24528 | ES10822 | | 24551 |
| ES10625 | | 23521 | ES10689 | | 24062 | ES10826 | | 25554 |
| ES10626 | | 24578 | ES10690 | | 24005 | ES10827 | | 24563 |
| ES10627 | | 21503 | ES10691 | | 24075 | ES10835 | | 23129 |
| ES10628 | | 21502 | ES10692 | | 22027 | ES10835 | | 23146 |
| ES10629 | | 24007 | ES10693 | | 24065 | ES10840 | | 23538 |
| ES10630 | | 24079 | ES10694 | | 24531 | ES10841 | | 22113 |
| ES10631 | | 23151 | ES10696 | | 23023 | ES10844 | | 23144 |
| ES10632 | | 25567 | ES10697 | | 24533 | ES10849 | | 24086 |
| ES10633 | | 23048 | ES10698 | | 24542 | ES10849 | | 24194 |
| ES10634 | | 22016 | ES10699 | | 22089 | ES10852 | | 24591 |
| ES10635 | | 23099 | ES10700 | | 22503 | ES10853 | | 24592 |
| ES10636 | | 24547 | ES10701 | | 24076 | ES10856 | | 22118 |
| ES10637 | | 24566 | ES10702 | | 23025 | ES10856 | | 25176 |
| ES10638 | | 24513 | ES10703 | | 23001 | ES10856 | | 25177 |
| ES10639 | | 24506 | ES10704 | | 24633 | ES10856 | | 25184 |
| ES10640 | | 24594 | ES10705 | | 24541 | ES10857 | | 25587 |
| ES10641 | | 24552 | ES10706 | | 24542 | ES10880 | | 24248 |
| ES10642 | | 24537 | ES10707 | | 24543 | ES10880 | | 24298 |
| ES10643 | | 24595 | ES10708 | | 24544 | ES10882 | | 23051 |
| ES10644 | | 24554 | ES10709 | | 24545 | ES10882 | | 23137 |
| ES10645 | | 24553 | ES10710 | | 24546 | ES10882 | | 23158 |
| ES10646 | | 24554 | ES10711 | | 24285 | ES10883 | | 25180 |
| ES10647 | | 24554 | ES10712 | | 24051 | ES10883 | | 25181 |
| ES10648 | | 24554 | ES10713 | | 22504 | ES10888 | | 24289 |
| ES10649 | | 24080 | ES10714 | | 22505 | ES10888 | | 24425 |
| ES10650 | | 24514 | ES10715 | | 22506 | ES10890 | | 24292 |
| ES10651 | | 24675 | ES10716 | | 24554 | ES10890 | | 24410 |
| ES10652 | | 25034 | ES10717 | | 24554 | ES10895 | | 25623 |
| ES10653 | | 23512 | ES10718 | | 22095 | ES10896 | | 25624 |
| ES10654 | | 23105 | ES10719 | | 23559 | ES10897 | | 25000 |
| ES10655 | | 22524 | ES10720 | | 23522 | ES10897 | | 25169 |
| ES10656 | | 24554 | ES10721 | | 22531 | ES10898 | | 25166 |
| ES10657 | | 24599 | ES10722 | | 24572 | ES10899 | | 25569 |
| ES10658 | | 24589 | ES10723 | | 24574 | ES10903 | | 24684 |
| ES10659 | | 24589 | ES10724 | | 24635 | ES10908 | | 23026 |
| ES10660 | | 24061 | ES10725 | | 22104 | ES10909 | | 21054 |
| ES10661 | | 24554 | ES10726 | | 21042 | ES10910 | | 22007 |
| ES10662 | | 24548 | ES10727 | | 21521 | ES10914 | | 25658 |
| ES10663 | | 24537 | ES10728 | | 21042 | ES10915 | | 22125 |
| ES10664 | | 24506 | ES10729 | | 21044 | ES10916 | | 23018 |
| ES10665 | | 24553 | ES10730 | | 24583 | ES10917 | | 23160 |
| ES10666 | | 24554 | ES10731 | | 24585 | ES10918 | | 25013 |
| ES10667 | | 24554 | ES10732 | | 21531 | ES10920 | | 24316 |
| ES10668 | | 23004 | ES10733 | | 21043 | ES10921 | | 24321 |
| ES10669 | | 24111 | ES10734 | | 21049 | ES10922 | | 24317 |
| ES10670 | | 24010 | ES10735 | | 24230 | ES10923 | | 24320 |
| ES10671 | | 25511 | ES10736 | | 22510 | ES10924 | | 24312 |
| ES10672 | | 24033 | ES10737 | | 22114 | ES10925 | | 24306 |
| ES10673 | | 25572 | ES10738 | | 22513 | ES10926 | | 24313 |
| ES10674 | | 25572 | ES10739 | | 22514 | ES10927 | | 24304 |
| ES10675 | | 21039 | ES10740 | | 22090 | ES10928 | | 24315 |
| ES10676 | | 21040 | ES10741 | | 24544 | ES10929 | | 24656 |
| ES10677 | | 24109 | ES10742 | | 24296 | ES10930 | | 24657 |
| ES10678 | | 23501 | ES10743 | | 24600 | ES10931 | | 24658 |

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|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| Delphi | | | Delphi | | | Delphi | | |
| ES10932 | | 24660 | ES20019 | | 24225 | ES20063 | | 24061 |
| ES10933 | | 24661 | ES20020 | | 24169 | ES20063 | | 24243 |
| ES10934 | | 24662 | ES20022 | | 21006 | ES20063 | | 24284 |
| ES10935 | | 24662 | ES20022 | | 24626 | ES20063 | | 24285 |
| ES10935 | | 24663 | ES20023 | | 21006 | ES20064 | | 22500 |
| ES10936 | | 24664 | ES20023 | | 24626 | ES20065 | | 22001 |
| ES10937 | | 24665 | ES20024 | | 23032 | ES20065 | | 22093 |
| ES10938 | | 24667 | ES20024 | | 23094 | ES20065 | | 22099 |
| ES10939 | | 25631 | ES20024 | | 23148 | ES20066 | | 22504 |
| ES10940 | | 24668 | ES20025 | | 22074 | ES20067 | | 22505 |
| ES10941 | | 24694 | ES20026 | | 22010 | ES20068 | | 22506 |
| ES10942 | | 24695 | ES20027 | | 24535 | ES20069 | | 22094 |
| ES10943 | | 24696 | ES20028 | | 21543 | ES20069 | | 24229 |
| ES10944 | | 24669 | ES20029 | | 24052 | ES20069 | | 24231 |
| ES10945 | | 24670 | ES20030 | | 23558 | ES20070 | | 24552 |
| ES10946 | | 24504 | ES20031 | | 21507 | ES20071 | | 24553 |
| ES10947 | | 24507 | ES20031 | | 24238 | ES20072 | | 24554 |
| ES10948 | | 24509 | ES20032 | | 24536 | ES20073 | | 21509 |
| ES10949 | | 24010 | ES20033 | | 24537 | ES20074 | | 25583 |
| ES10949 | | 24019 | ES20034 | | 24118 | ES20075 | | 21510 |
| ES10950 | | 21503 | ES20035 | | 24538 | ES20076 | | 23513 |
| ES10951 | | 24176 | ES20036 | | 24111 | ES20077 | | 23515 |
| ES10952 | | 24504 | ES20036 | | 24539 | ES20078 | | 23559 |
| ES10953 | | 21504 | ES20037 | | 22088 | ES20079 | | 21511 |
| ES10954 | | 24515 | ES20037 | | 22089 | ES20080 | | 21512 |
| ES10955 | | 24518 | ES20038 | | 22092 | ES20081 | | 23518 |
| ES10956 | | 24135 | ES20038 | | 22528 | ES20082 | | 23521 |
| ES10957 | | 25511 | ES20039 | | 22106 | ES20083 | | 23522 |
| ES10958 | | 24618 | ES20040 | | 22126 | ES20084 | | 23523 |
| ES10959 | | 24619 | ES20040 | | 24029 | ES20085 | | 23525 |
| ES10960 | | 25016 | ES20040 | | 24076 | ES20086 | | 24566 |
| ES10961 | | 25002 | ES20041 | | 23108 | ES20087 | | 22032 |
| ES10962 | | 25538 | ES20042 | | 23008 | ES20087 | | 22531 |
| ES10963 | | 21541 | ES20043 | | 23025 | ES20088 | | 21513 |
| ES10963 | | 24617 | ES20043 | | 23102 | ES20089 | | 23140 |
| ES10964 | | 24038 | ES20043 | | 23115 | ES20089 | | 23142 |
| ES10966 | | 21002 | ES20044 | | 23039 | ES20090 | | 23141 |
| ES11003 | | 23159 | ES20044 | | 23122 | ES20090 | | 23531 |
| ES11079 | | 24342 | ES20044 | | 23126 | ES20091 | | 23533 |
| ES11082 | | 24341 | ES20044 | | 23506 | ES20092 | | 23139 |
| ES20000 | | 21539 | ES20045 | | 23098 | ES20093 | | 23138 |
| ES20001 | | 21539 | ES20045 | | 23099 | ES20094 | | 21048 |
| ES20002 | | 21528 | ES20046 | | 23014 | ES20094 | | 21514 |
| ES20003 | | 21537 | ES20046 | | 23048 | ES20095 | | 21047 |
| ES20004 | | 21530 | ES20047 | | 23041 | ES20096 | | 21045 |
| ES20005 | | 21547 | ES20047 | | 23151 | ES20096 | | 21517 |
| ES20006 | | 21525 | ES20048 | | 23002 | ES20097 | | 21518 |
| ES20007 | | 21546 | ES20048 | | 23105 | ES20098 | | 21519 |
| ES20008 | | 21549 | ES20049 | | 23006 | ES20099 | | 24572 |
| ES20008 | | 21576 | ES20049 | | 23047 | ES20100 | | 22104 |
| ES20009 | | 21555 | ES20050 | | 23001 | ES20100 | | 24576 |
| ES20010 | | 21551 | ES20050 | | 23020 | ES20101 | | 24578 |
| ES20011 | | 25653 | ES20051 | | 21544 | ES20102 | | 23114 |
| ES20012 | | 21556 | ES20052 | | 24172 | ES20103 | | 24579 |
| ES20013 | | 21546 | ES20053 | | 24542 | ES20104 | | 22060 |
| ES20014 | | 22500 | ES20054 | | 23509 | ES20105 | | 23544 |
| ES20015 | | 23007 | ES20055 | | 24543 | ES20106 | | 23132 |
| ES20015 | | 23023 | ES20056 | | 24544 | ES20107 | | 21053 |
| ES20015 | | 23093 | ES20057 | | 24545 | ES20108 | | 21521 |
| ES20016 | | 23007 | ES20058 | | 24546 | ES20109 | | 24280 |
| ES20016 | | 23023 | ES20059 | | 24547 | ES20110 | | 21042 |
| ES20016 | | 23119 | ES20060 | | 24548 | ES20110 | | 21523 |
| ES20017 | | 23023 | ES20061 | | 23511 | ES20111 | | 21524 |
| ES20018 | | 21506 | ES20062 | | 23512 | ES20112 | | 21527 |

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|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| Delphi | | | Delphi | | | Delphi | | |
| ES20113 | | 21044 | ES20168 | | 25604 | ES20222 | | 25648 |
| ES20113 | | 21545 | ES20169 | | 25605 | ES20223 | | 24651 |
| ES20114 | | 24413 | ES20170 | | 25606 | ES20224 | | 24605 |
| ES20115 | | 21531 | ES20171 | | 25610 | ES20225 | | 23550 |
| ES20116 | | 21043 | ES20172 | | 24644 | ES20226 | | 24237 |
| ES20117 | | 21049 | ES20173 | | 25613 | ES20226 | | 25721 |
| ES20118 | | 24594 | ES20174 | | 25616 | ES20227 | | 25175 |
| ES20119 | | 24595 | ES20175 | | 25617 | ES20227 | | 25178 |
| ES20120 | | 22510 | ES20176 | | 24258 | ES20228 | | 23125 |
| ES20121 | | 22114 | ES20177 | | 25621 | ES20316 | | 22500 |
| ES20122 | | 22513 | ES20178 | | 25622 | ES20317 | | 21006 |
| ES20123 | | 22514 | ES20179 | | 22523 | ES20318 | | 22500 |
| ES20124 | | 24296 | ES20180 | | 24236 | ES20319 | | 21516 |
| ES20125 | | 25562 | ES20180 | | 24687 | ES20320 | | 21048 |
| ES20126 | | 24601 | ES20181 | | 23566 | ES20321 | | 23133 |
| ES20127 | | 24255 | ES20182 | | 24112 | ES20322 | | 24542 |
| ES20127 | | 24414 | ES20184 | | 22516 | ES20323 | | 24548 |
| ES20127 | | 24416 | ES20185 | | 25556 | ES20324 | | 24808 |
| ES20127 | | 24675 | ES20186 | | 22097 | ES20325 | | 24594 |
| ES20128 | | 24240 | ES20186 | | 24015 | ES20326 | | 24594 |
| ES20128 | | 24251 | ES20187 | | 24630 | ES20327 | | 24594 |
| ES20128 | | 24631 | ES20188 | | 24598 | ES20328 | | 22524 |
| ES20129 | | 24632 | ES20189 | | 25595 | ES20352 | | 21559 |
| ES20130 | | 24633 | ES20190 | | 24574 | ES20354 | | 25186 |
| ES20131 | | 24635 | ES20191 | | 21508 | ES20355 | | 21561 |
| ES20132 | | 24637 | ES20192 | | 24555 | ES20356 | | 24048 |
| ES20133 | | 24031 | ES20193 | | 24559 | ES20357 | | 25671 |
| ES20134 | | 21548 | ES20194 | | 24560 | ES20358 | | 22124 |
| ES20135 | | 24653 | ES20195 | | 23524 | ES20359 | | 25607 |
| ES20136 | | 24603 | ES20196 | | 23526 | ES20360 | | 24581 |
| ES20137 | | 23097 | ES20197 | | 23527 | ES20361 | | 25672 |
| ES20137 | | 23123 | ES20198 | | 23556 | ES20361 | | 25691 |
| ES20138 | | 21536 | ES20199 | | 23529 | ES20362 | | 25670 |
| ES20139 | | 21550 | ES20200 | | 23532 | ES20363 | | 24573 |
| ES20140 | | 21538 | ES20201 | | 23537 | ES20364 | | 25646 |
| ES20141 | | 24655 | ES20202 | | 24567 | ES20365 | | 25657 |
| ES20142 | | 24584 | ES20203 | | 24202 | ES20366 | | 21041 |
| ES20143 | | 22521 | ES20204 | | 24066 | ES20367 | | 25668 |
| ES20144 | | 22000 | ES20204 | | 24201 | ES20368 | | 25676 |
| ES20144 | | 22092 | ES20204 | | 24203 | ES20369 | | 24267 |
| ES20145 | | 22533 | ES20204 | | 25153 | ES20370 | | 24634 |
| ES20146 | | 23549 | ES20205 | | 24582 | ES20371 | | 24232 |
| ES20146 | | 25709 | ES20206 | | 23139 | ES20372 | | 24649 |
| ES20147 | | 24606 | ES20207 | | 23134 | ES20373 | | 24278 |
| ES20148 | | 23551 | ES20208 | | 23132 | ES20374 | | 25656 |
| ES20148 | | 24058 | ES20209 | | 24283 | ES20375 | | 22116 |
| ES20149 | | 23123 | ES20209 | | 24286 | ES20376 | | 25612 |
| ES20151 | | 22524 | ES20209 | | 24584 | ES20377 | | 25619 |
| ES20152 | | 22502 | ES20210 | | 23141 | ES20378 | | 25675 |
| ES20154 | | 23517 | ES20211 | | 25150 | ES20389 | | 24234 |
| ES20156 | | 24549 | ES20212 | | 25591 | ES20397 | | 25678 |
| ES20157 | | 24564 | ES20213 | | 24293 | ES20398 | | 25678 |
| ES20158 | | 24588 | ES20214 | | 25151 | ES20400 | | 25678 |
| ES20159 | | 25154 | ES20214 | | 25155 | ES20403 | | 24026 |
| ES20160 | | 25589 | ES20215 | | 24254 | DENSO | | |
| ES20161 | | 24247 | ES20215 | | 24290 | 234-1001 | | 21002 |
| ES20161 | | 24407 | ES20215 | | 24291 | 234-1002 | | 23004 |
| ES20161 | | 24408 | ES20215 | | 24409 | 234-1003 | | 22534 |
| ES20162 | | 25147 | ES20216 | | 24638 | 234-1003 | | 23552 |
| ES20163 | | 25593 | ES20217 | | 24640 | 234-1004 | | 22534 |
| ES20164 | | 25597 | ES20218 | | 24641 | 234-1005 | | 24141 |
| ES20165 | | 25598 | ES20219 | | 24642 | 234-1006 | | 24033 |
| ES20166 | | 25621 | ES20220 | | 24404 | 234-1007 | | 24086 |
| ES20167 | | 25603 | ES20221 | | 25158 | 234-1007 | | 24141 |

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|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| | DENSO | | | DENSO | | | DENSO | |
| 234-1007 | | 24194 | 234-2052 | | 24511 | 234-3081 | | 25081 |
| 234-1007 | | 24533 | 234-2055 | | 24512 | 234-3081 | | 25726 |
| 234-1008 | | 24038 | 234-2057 | | 24512 | 234-3082 | | 25038 |
| 234-1008 | | 24105 | 234-2057 | | 24513 | 234-3082 | | 25129 |
| 234-1009 | | 24033 | 234-2058 | | 24514 | 234-3083 | | 24614 |
| 234-1010 | | 22043 | 234-2060 | | 21040 | 234-3084 | | 22033 |
| 234-1011 | | 23044 | 234-2062 | | 24516 | 234-3084 | | 22034 |
| 234-1011 | | 24003 | 234-2064 | | 24517 | 234-3085 | | 22064 |
| 234-1011 | | 24672 | 234-2065 | | 24129 | 234-3085 | | 24023 |
| 234-1011 | | 25572 | 234-2066 | | 24109 | 234-3086 | | 22075 |
| 234-1012 | | 24006 | 234-2067 | | 23501 | 234-3087 | | 24039 |
| 234-1013 | | 23044 | 234-2068 | | 24515 | 234-3087 | | 24154 |
| 234-1013 | | 25572 | 234-2068 | | 24518 | 234-3087 | | 24521 |
| 234-1014 | | 22082 | 234-2069 | | 24135 | 234-3088 | | 24520 |
| 234-1015 | | 25031 | 234-3001 | | 22014 | 234-3088 | | 24614 |
| 234-1016 | | 24500 | 234-3002 | | 22013 | 234-3089 | | 24521 |
| 234-1017 | | 24033 | 234-3003 | | 23005 | 234-3091 | | 24523 |
| 234-1018 | | 24086 | 234-3004 | | 21541 | 234-3092 | | 25523 |
| 234-1018 | | 24141 | 234-3005 | | 21003 | 234-3093 | | 24157 |
| 234-1018 | | 24194 | 234-3005 | | 23502 | 234-3094 | | 21003 |
| 234-1019 | | 24006 | 234-3006 | | 24804 | 234-3095 | | 24521 |
| 234-1020 | | 24010 | 234-3007 | | 22013 | 234-3096 | | 24519 |
| 234-1020 | | 24019 | 234-3008 | | 22065 | 234-3097 | | 24526 |
| 234-1021 | | 23557 | 234-3008 | | 24092 | 234-3098 | | 24525 |
| 234-1022 | | 21039 | 234-3009 | | 22062 | 234-3098 | | 24526 |
| 234-1023 | | 21039 | 234-3010 | | 22033 | 234-3099 | | 24530 |
| 234-1024 | | 24176 | 234-3011 | | 21004 | 234-3100 | | 25635 |
| 234-1025 | | 21500 | 234-3012 | | 24097 | 234-3101 | | 25034 |
| 234-1029 | | 21502 | 234-3013 | | 25504 | 234-3102 | | 25525 |
| 234-1030 | | 21503 | 234-3014 | | 21541 | 234-3103 | | 25517 |
| 234-1033 | | 24122 | 234-3015 | | 24805 | 234-3104 | | 25081 |
| 234-1034 | | 24166 | 234-3016 | | 25505 | 234-3105 | | 25520 |
| 234-1040 | | 24036 | 234-3018 | | 25574 | 234-3106 | | 24528 |
| 234-1051 | | 24105 | 234-3019 | | 25034 | 234-3107 | | 24529 |
| 234-1051 | | 24611 | 234-3019 | | 25524 | 234-3107 | | 25577 |
| 234-1052 | | 23500 | 234-3020 | | 25516 | 234-3108 | | 24527 |
| 234-1053 | | 24502 | 234-3023 | | 25103 | 234-3109 | | 24527 |
| 234-1054 | | 24504 | 234-3027 | | 25034 | 234-3110 | | 24619 |
| 234-1055 | | 24504 | 234-3027 | | 25499 | 234-3111 | | 24619 |
| 234-1055 | | 24839 | 234-3028 | | 25034 | 234-3112 | | 24527 |
| 234-1056 | | 24105 | 234-3028 | | 25576 | 234-3113 | | 24618 |
| 234-1056 | | 24551 | 234-3029 | | 25509 | 234-3116 | | 23553 |
| 234-1056 | | 24552 | 234-3030 | | 25516 | 234-3120 | | 24003 |
| 234-1056 | | 24611 | 234-3031 | | 25516 | 234-3120 | | 24062 |
| 234-1058 | | 24105 | 234-3032 | | 25036 | 234-3121 | | 24005 |
| 234-2001 | | 21553 | 234-3033 | | 25511 | 234-3122 | | 24002 |
| 234-2002 | | 24102 | 234-3034 | | 25512 | 234-3123 | | 24024 |
| 234-2003 | | 24505 | 234-3042 | | 24022 | 234-3123 | | 24075 |
| 234-2004 | | 24012 | 234-3048 | | 25034 | 234-3126 | | 22027 |
| 234-2005 | | 24515 | 234-3048 | | 25040 | 234-3126 | | 24064 |
| 234-2006 | | 22085 | 234-3051 | | 24079 | 234-3128 | | 24531 |
| 234-2006 | | 24014 | 234-3052 | | 24137 | 234-3129 | | 24007 |
| 234-2007 | | 21553 | 234-3060 | | 25510 | 234-3129 | | 24025 |
| 234-2007 | | 23021 | 234-3070 | | 25518 | 234-3129 | | 24063 |
| 234-2008 | | 24505 | 234-3070 | | 25522 | 234-3130 | | 25016 |
| 234-2008 | | 24506 | 234-3070 | | 25637 | 234-3131 | | 25002 |
| 234-2009 | | 24518 | 234-3073 | | 22047 | 234-3132 | | 25003 |
| 234-2010 | | 24508 | 234-3074 | | 21541 | 234-3135 | | 25634 |
| 234-2011 | | 24509 | 234-3075 | | 24043 | 234-3150 | | 25638 |
| 234-2013 | | 21504 | 234-3075 | | 24519 | 234-3201 | | 24101 |
| 234-2014 | | 24109 | 234-3078 | | 25521 | 234-3202 | | 24524 |
| 234-2015 | | 24507 | 234-3079 | | 25632 | 234-3301 | | 24039 |
| 234-2038 | | 25573 | 234-3079 | | 25636 | 234-3301 | | 24154 |
| 234-2051 | | 24510 | 234-3080 | | 25522 | 234-3302 | | 24145 |

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Interchanges / Références

THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| DENSO | | | DENSO | | | DENSO | | |
| 234-3302 | | 24521 | 234-4037 | | 24029 | 234-4072 | | 24552 |
| 234-3303 | | 24145 | 234-4038 | | 24076 | 234-4073 | | 23567 |
| 234-3304 | | 24039 | 234-4039 | | 22094 | 234-4074 | | 24289 |
| 234-3304 | | 24525 | 234-4039 | | 24229 | 234-4074 | | 24421 |
| 234-3305 | | 24618 | 234-4039 | | 24231 | 234-4075 | | 23008 |
| 234-3306 | | 24620 | 234-4040 | | 22097 | 234-4075 | | 23100 |
| 234-3307 | | 24602 | 234-4041 | | 22090 | 234-4075 | | 23101 |
| 234-3308 | | 24071 | 234-4041 | | 22091 | 234-4076 | | 23025 |
| 234-3309 | | 24004 | 234-4041 | | 22098 | 234-4076 | | 23041 |
| 234-3310 | | 24065 | 234-4042 | | 24066 | 234-4076 | | 23102 |
| 234-4001 | | 22016 | 234-4042 | | 24201 | 234-4076 | | 23115 |
| 234-4001 | | 22500 | 234-4042 | | 24203 | 234-4076 | | 23121 |
| 234-4002 | | 23007 | 234-4042 | | 25153 | 234-4076 | | 23151 |
| 234-4002 | | 23036 | 234-4043 | | 22104 | 234-4077 | | 23039 |
| 234-4002 | | 23093 | 234-4044 | | 22096 | 234-4077 | | 23126 |
| 234-4002 | | 23118 | 234-4044 | | 22102 | 234-4077 | | 23506 |
| 234-4003 | | 23007 | 234-4044 | | 24441 | 234-4078 | | 23014 |
| 234-4003 | | 23023 | 234-4045 | | 22045 | 234-4078 | | 23016 |
| 234-4003 | | 23119 | 234-4045 | | 22060 | 234-4078 | | 23048 |
| 234-4004 | | 23023 | 234-4045 | | 22113 | 234-4078 | | 23088 |
| 234-4005 | | 23041 | 234-4046 | | 22060 | 234-4078 | | 23098 |
| 234-4005 | | 23118 | 234-4047 | | 24330 | 234-4078 | | 23099 |
| 234-4006 | | 21506 | 234-4048 | | 24549 | 234-4078 | | 23128 |
| 234-4006 | | 24601 | 234-4048 | | 24676 | 234-4078 | | 23133 |
| 234-4007 | | 24225 | 234-4049 | | 21527 | 234-4079 | | 23014 |
| 234-4008 | | 23110 | 234-4051 | | 24536 | 234-4079 | | 23048 |
| 234-4008 | | 23124 | 234-4052 | | 24537 | 234-4079 | | 23099 |
| 234-4010 | | 23134 | 234-4053 | | 24118 | 234-4079 | | 23106 |
| 234-4011 | | 24169 | 234-4054 | | 24570 | 234-4079 | | 23133 |
| 234-4011 | | 24625 | 234-4055 | | 24111 | 234-4080 | | 24280 |
| 234-4012 | | 21006 | 234-4055 | | 24538 | 234-4081 | | 24031 |
| 234-4012 | | 24626 | 234-4055 | | 24539 | 234-4082 | | 23006 |
| 234-4013 | | 23032 | 234-4056 | | 24111 | 234-4082 | | 23047 |
| 234-4013 | | 23094 | 234-4056 | | 24537 | 234-4083 | | 23001 |
| 234-4013 | | 23148 | 234-4056 | | 24539 | 234-4083 | | 23020 |
| 234-4014 | | 23035 | 234-4057 | | 25534 | 234-4084 | | 21507 |
| 234-4015 | | 24565 | 234-4058 | | 25536 | 234-4085 | | 22524 |
| 234-4016 | | 22010 | 234-4058 | | 25570 | 234-4086 | | 24015 |
| 234-4017 | | 23513 | 234-4059 | | 24673 | 234-4087 | | 21528 |
| 234-4018 | | 21539 | 234-4060 | | 21508 | 234-4088 | | 25540 |
| 234-4019 | | 21543 | 234-4060 | | 24617 | 234-4088 | | 25559 |
| 234-4020 | | 24052 | 234-4061 | | 24548 | 234-4089 | | 21519 |
| 234-4021 | | 23002 | 234-4062 | | 24601 | 234-4090 | | 21530 |
| 234-4021 | | 23105 | 234-4063 | | 24653 | 234-4092 | | 24061 |
| 234-4022 | | 23130 | 234-4064 | | 24560 | 234-4092 | | 24243 |
| 234-4023 | | 25528 | 234-4064 | | 24564 | 234-4092 | | 24282 |
| 234-4024 | | 21510 | 234-4065 | | 24172 | 234-4092 | | 24284 |
| 234-4025 | | 21544 | 234-4065 | | 24542 | 234-4092 | | 24285 |
| 234-4026 | | 23558 | 234-4065 | | 24633 | 234-4092 | | 24426 |
| 234-4026 | | 24674 | 234-4066 | | 21043 | 234-4093 | | 24172 |
| 234-4027 | | 23559 | 234-4067 | | 22033 | 234-4093 | | 24239 |
| 234-4028 | | 23108 | 234-4067 | | 22088 | 234-4093 | | 24633 |
| 234-4029 | | 23140 | 234-4067 | | 22089 | 234-4094 | | 24042 |
| 234-4029 | | 23142 | 234-4067 | | 24027 | 234-4094 | | 24235 |
| 234-4030 | | 23138 | 234-4068 | | 22092 | 234-4094 | | 24288 |
| 234-4031 | | 24238 | 234-4069 | | 24294 | 234-4094 | | 24419 |
| 234-4032 | | 24058 | 234-4069 | | 24295 | 234-4095 | | 24169 |
| 234-4033 | | 24278 | 234-4069 | | 24464 | 234-4095 | | 24625 |
| 234-4034 | | 24202 | 234-4069 | | 24579 | 234-4096 | | 24172 |
| 234-4035 | | 24035 | 234-4070 | | 22500 | 234-4096 | | 24542 |
| 234-4035 | | 24037 | 234-4070 | | 22501 | 234-4096 | | 24633 |
| 234-4036 | | 24230 | 234-4070 | | 22503 | 234-4097 | | 24540 |
| 234-4037 | | 22095 | 234-4071 | | 22500 | 234-4097 | | 24541 |
| 234-4037 | | 22126 | 234-4072 | | 24537 | 234-4098 | | 24546 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| DENSO | | | DENSO | | | DENSO | | |
| 234-4099 | | 24420 | 234-4149 | | 24677 | 234-4192 | | 25178 |
| 234-4099 | | 24542 | 234-4150 | | 24551 | 234-4193 | | 25069 |
| 234-4100 | | 24586 | 234-4151 | | 24552 | 234-4193 | | 25170 |
| 234-4100 | | 24587 | 234-4152 | | 24112 | 234-4193 | | 25181 |
| 234-4101 | | 21525 | 234-4153 | | 24553 | 234-4194 | | 25158 |
| 234-4102 | | 21518 | 234-4153 | | 24554 | 234-4194 | | 25196 |
| 234-4103 | | 21513 | 234-4154 | | 24553 | 234-4195 | | 24651 |
| 234-4103 | | 21581 | 234-4154 | | 24554 | 234-4197 | | 24818 |
| 234-4104 | | 21053 | 234-4154 | | 24595 | 234-4198 | | 24818 |
| 234-4105 | | 24281 | 234-4155 | | 24553 | 234-4198 | | 24819 |
| 234-4105 | | 24296 | 234-4155 | | 24555 | 234-4199 | | 25162 |
| 234-4106 | | 22012 | 234-4156 | | 24556 | 234-4202 | | 24570 |
| 234-4107 | | 22015 | 234-4157 | | 24557 | 234-4203 | | 24325 |
| 234-4108 | | 21042 | 234-4158 | | 24558 | 234-4204 | | 24569 |
| 234-4108 | | 21523 | 234-4159 | | 24555 | 234-4205 | | 24554 |
| 234-4112 | | 21049 | 234-4159 | | 24575 | 234-4211 | | 24563 |
| 234-4114 | | 25693 | 234-4160 | | 24552 | 234-4213 | | 25715 |
| 234-4115 | | 23122 | 234-4161 | | 24554 | 234-4214 | | 24555 |
| 234-4115 | | 23127 | 234-4162 | | 24554 | 234-4215 | | 24567 |
| 234-4115 | | 23131 | 234-4163 | | 24689 | 234-4216 | | 23538 |
| 234-4116 | | 25693 | 234-4164 | | 24599 | 234-4217 | | 23139 |
| 234-4117 | | 22118 | 234-4165 | | 24699 | 234-4218 | | 24439 |
| 234-4117 | | 25156 | 234-4166 | | 25162 | 234-4219 | | 24439 |
| 234-4117 | | 25184 | 234-4166 | | 25175 | 234-4220 | | 24242 |
| 234-4118 | | 24447 | 234-4167 | | 24649 | 234-4221 | | 25590 |
| 234-4119 | | 21054 | 234-4168 | | 24452 | 234-4222 | | 21525 |
| 234-4120 | | 25197 | 234-4168 | | 24455 | 234-4223 | | 25719 |
| 234-4121 | | 22120 | 234-4168 | | 24677 | 234-4224 | | 24429 |
| 234-4121 | | 25157 | 234-4169 | | 24560 | 234-4225 | | 24278 |
| 234-4122 | | 24290 | 234-4170 | | 25564 | 234-4226 | | 24277 |
| 234-4122 | | 24291 | 234-4170 | | 25568 | 234-4227 | | 24685 |
| 234-4122 | | 24409 | 234-4171 | | 25677 | 234-4228 | | 23138 |
| 234-4123 | | 24425 | 234-4172 | | 25567 | 234-4229 | | 23142 |
| 234-4124 | | 24417 | 234-4173 | | 25594 | 234-4230 | | 23155 |
| 234-4125 | | 24410 | 234-4174 | | 25567 | 234-4231 | | 25657 |
| 234-4126 | | 22114 | 234-4174 | | 25568 | 234-4231 | | 25729 |
| 234-4127 | | 22016 | 234-4175 | | 25564 | 234-4232 | | 23125 |
| 234-4127 | | 22500 | 234-4175 | | 25568 | 234-4233 | | 21547 |
| 234-4128 | | 24052 | 234-4176 | | 25545 | 234-4234 | | 21508 |
| 234-4129 | | 21507 | 234-4176 | | 25563 | 234-4235 | | 21041 |
| 234-4130 | | 24535 | 234-4177 | | 25563 | 234-4236 | | 21559 |
| 234-4131 | | 25578 | 234-4178 | | 25599 | 234-4237 | | 25200 |
| 234-4132 | | 24598 | 234-4179 | | 25596 | 234-4238 | | 25199 |
| 234-4133 | | 25583 | 234-4180 | | 25546 | 234-4239 | | 25708 |
| 234-4134 | | 25595 | 234-4181 | | 25538 | 234-4239 | | 25718 |
| 234-4135 | | 23551 | 234-4182 | | 25555 | 234-4240 | | 25718 |
| 234-4135 | | 24058 | 234-4182 | | 25581 | 234-4241 | | 24573 |
| 234-4136 | | 25646 | 234-4182 | | 25633 | 234-4242 | | 21558 |
| 234-4137 | | 24808 | 234-4183 | | 25538 | 234-4243 | | 21059 |
| 234-4138 | | 24560 | 234-4183 | | 25554 | 234-4244 | | 21569 |
| 234-4139 | | 24605 | 234-4184 | | 25581 | 234-4245 | | 21564 |
| 234-4140 | | 24577 | 234-4185 | | 25580 | 234-4246 | | 21060 |
| 234-4141 | | 22505 | 234-4185 | | 25582 | 234-4247 | | 25193 |
| 234-4142 | | 22505 | 234-4186 | | 25601 | 234-4248 | | 25193 |
| 234-4142 | | 22506 | 234-4187 | | 22500 | 234-4249 | | 21023 |
| 234-4143 | | 22523 | 234-4188 | | 23551 | 234-4250 | | 21064 |
| 234-4144 | | 22502 | 234-4189 | | 24559 | 234-4251 | | 21064 |
| 234-4145 | | 22504 | 234-4189 | | 24568 | 234-4252 | | 21061 |
| 234-4146 | | 22531 | 234-4190 | | 22118 | 234-4253 | | 21062 |
| 234-4147 | | 24678 | 234-4190 | | 25176 | 234-4254 | | 21568 |
| 234-4148 | | 22117 | 234-4190 | | 25177 | 234-4255 | | 21568 |
| 234-4148 | | 22119 | 234-4191 | | 25069 | 234-4256 | | 21066 |
| 234-4149 | | 24293 | 234-4191 | | 25180 | 234-4257 | | 21555 |
| 234-4149 | | 24452 | 234-4192 | | 25160 | 234-4258 | | 21065 |

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Interchanges / Références

THE SENSOR SPECIALIST

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|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| DENSO | | | DENSO | | | DENSO | | |
| 234-4259 | | 21571 | 234-4311 | | 24406 | 234-4364 | | 24250 |
| 234-4260 | | 24453 | 234-4312 | | 24408 | 234-4365 | | 24422 |
| 234-4260 | | 24594 | 234-4313 | | 24247 | 234-4367 | | 24413 |
| 234-4261 | | 24594 | 234-4314 | | 24245 | 234-4368 | | 24249 |
| 234-4262 | | 25718 | 234-4315 | | 24246 | 234-4368 | | 24255 |
| 234-4263 | | 25678 | 234-4316 | | 24690 | 234-4368 | | 24414 |
| 234-4264 | | 25694 | 234-4317 | | 23524 | 234-4368 | | 24416 |
| 234-4265 | | 25646 | 234-4317 | | 24690 | 234-4368 | | 24585 |
| 234-4266 | | 25646 | 234-4318 | | 23521 | 234-4369 | | 24414 |
| 234-4267 | | 25147 | 234-4319 | | 23524 | 234-4369 | | 24416 |
| 234-4268 | | 25146 | 234-4320 | | 24683 | 234-4370 | | 22124 |
| 234-4269 | | 25652 | 234-4321 | | 24681 | 234-4371 | | 22007 |
| 234-4270 | | 24634 | 234-4322 | | 24682 | 234-4372 | | 22046 |
| 234-4270 | | 24645 | 234-4323 | | 24632 | 234-4373 | | 22045 |
| 234-4271 | | 25652 | 234-4324 | | 24648 | 234-4374 | | 22012 |
| 234-4272 | | 25672 | 234-4325 | | 24545 | 234-4375 | | 22125 |
| 234-4273 | | 24646 | 234-4326 | | 24638 | 234-4376 | | 24678 |
| 234-4274 | | 23135 | 234-4327 | | 24639 | 234-4377 | | 24650 |
| 234-4274 | | 23152 | 234-4328 | | 24572 | 234-4378 | | 24650 |
| 234-4274 | | 23159 | 234-4329 | | 25670 | 234-4379 | | 24650 |
| 234-4277 | | 24535 | 234-4330 | | 24684 | 234-4380 | | 24450 |
| 234-4278 | | 24816 | 234-4331 | | 21561 | 234-4381 | | 24449 |
| 234-4279 | | 22129 | 234-4332 | | 21555 | 234-4382 | | 24448 |
| 234-4280 | | 23521 | 234-4333 | | 22504 | 234-4383 | | 24688 |
| 234-4281 | | 24688 | 234-4334 | | 21561 | 234-4384 | | 24793 |
| 234-4282 | | 24688 | 234-4335 | | 21567 | 234-4385 | | 24535 |
| 234-4283 | | 21572 | 234-4336 | | 21560 | 234-4386 | | 25692 |
| 234-4284 | | 24653 | 234-4337 | | 21559 | 234-4387 | | 24843 |
| 234-4285 | | 21044 | 234-4338 | | 21565 | 234-4388 | | 24817 |
| 234-4285 | | 21545 | 234-4339 | | 21558 | 234-4389 | | 24455 |
| 234-4286 | | 21548 | 234-4340 | | 24698 | 234-4390 | | 24232 |
| 234-4287 | | 21055 | 234-4341 | | 21566 | 234-4391 | | 24442 |
| 234-4288 | | 25190 | 234-4342 | | 21546 | 234-4392 | | 24446 |
| 234-4289 | | 21035 | 234-4343 | | 21516 | 234-4393 | | 22101 |
| 234-4290 | | 25712 | 234-4344 | | 21545 | 234-4393 | | 24444 |
| 234-4291 | | 21560 | 234-4345 | | 21049 | 234-4393 | | 24445 |
| 234-4292 | | 24255 | 234-4346 | | 21514 | 234-4394 | | 22018 |
| 234-4292 | | 24259 | 234-4347 | | 21063 | 234-4395 | | 24443 |
| 234-4293 | | 25189 | 234-4348 | | 21023 | 234-4396 | | 24234 |
| 234-4293 | | 25712 | 234-4349 | | 22506 | 234-4397 | | 22100 |
| 234-4294 | | 21058 | 234-4350 | | 24048 | 234-4398 | | 22115 |
| 234-4294 | | 21064 | 234-4351 | | 24115 | 234-4399 | | 22116 |
| 234-4294 | | 21545 | 234-4351 | | 24267 | 234-4400 | | 24834 |
| 234-4295 | | 24400 | 234-4351 | | 24269 | 234-4401 | | 22524 |
| 234-4296 | | 24248 | 234-4351 | | 24433 | 234-4402 | | 22524 |
| 234-4296 | | 24298 | 234-4351 | | 24440 | 234-4403 | | 22524 |
| 234-4297 | | 24244 | 234-4351 | | 24475 | 234-4404 | | 24588 |
| 234-4298 | | 25709 | 234-4352 | | 24240 | 234-4405 | | 21044 |
| 234-4299 | | 25684 | 234-4352 | | 24251 | 234-4406 | | 21545 |
| 234-4300 | | 24817 | 234-4353 | | 24432 | 234-4407 | | 21514 |
| 234-4301 | | 24404 | 234-4354 | | 24254 | 234-4408 | | 25174 |
| 234-4302 | | 24404 | 234-4355 | | 24241 | 234-4409 | | 25173 |
| 234-4302 | | 24641 | 234-4355 | | 24259 | 234-4410 | | 23051 |
| 234-4303 | | 24815 | 234-4355 | | 24413 | 234-4411 | | 23569 |
| 234-4304 | | 24812 | 234-4356 | | 24255 | 234-4412 | | 23026 |
| 234-4305 | | 24649 | 234-4356 | | 24414 | 234-4413 | | 25079 |
| 234-4305 | | 24841 | 234-4357 | | 24026 | 234-4414 | | 25083 |
| 234-4306 | | 24457 | 234-4358 | | 24026 | 234-4414 | | 25216 |
| 234-4306 | | 24847 | 234-4359 | | 24266 | 234-4416 | | 24677 |
| 234-4307 | | 24408 | 234-4360 | | 24409 | 234-4417 | | 23070 |
| 234-4308 | | 24299 | 234-4361 | | 24292 | 234-4418 | | 23030 |
| 234-4308 | | 24401 | 234-4362 | | 24650 | 234-4419 | | 22132 |
| 234-4309 | | 24407 | 234-4363 | | 24258 | 234-4420 | | 25191 |
| 234-4310 | | 24405 | 234-4363 | | 24412 | 234-4421 | | 25667 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| DENSO | | | DENSO | | | DENSO | | |
| 234-4422 | | 25666 | 234-4471 | | 25627 | 234-4520 | | 24044 |
| 234-4423 | | 25192 | 234-4472 | | 25655 | 234-4520 | | 24080 |
| 234-4424 | | 24279 | 234-4473 | | 25658 | 234-4521 | | 24605 |
| 234-4425 | | 25187 | 234-4474 | | 25714 | 234-4521 | | 24840 |
| 234-4426 | | 25188 | 234-4475 | | 25719 | 234-4522 | | 23567 |
| 234-4427 | | 25185 | 234-4475 | | 25722 | 234-4523 | | 25617 |
| 234-4428 | | 24589 | 234-4476 | | 24677 | 234-4524 | | 24411 |
| 234-4429 | | 25194 | 234-4477 | | 25740 | 234-4526 | | 21067 |
| 234-4430 | | 23513 | 234-4478 | | 25735 | 234-4526 | | 21069 |
| 234-4431 | | 25000 | 234-4479 | | 25730 | 234-4527 | | 25653 |
| 234-4431 | | 25169 | 234-4479 | | 25740 | 234-4528 | | 25727 |
| 234-4432 | | 25166 | 234-4480 | | 25736 | 234-4529 | | 21577 |
| 234-4432 | | 25167 | 234-4481 | | 25010 | 234-4530 | | 21068 |
| 234-4433 | | 25182 | 234-4482 | | 25078 | 234-4531 | | 25714 |
| 234-4434 | | 25150 | 234-4483 | | 23163 | 234-4532 | | 25719 |
| 234-4434 | | 25152 | 234-4484 | | 25215 | 234-4533 | | 25640 |
| 234-4434 | | 25154 | 234-4485 | | 25656 | 234-4534 | | 24168 |
| 234-4434 | | 25155 | 234-4485 | | 25657 | 234-4535 | | 24167 |
| 234-4435 | | 25151 | 234-4485 | | 25668 | 234-4536 | | 24852 |
| 234-4436 | | 25151 | 234-4485 | | 25675 | 234-4537 | | 24144 |
| 234-4436 | | 25155 | 234-4485 | | 25725 | 234-4538 | | 24455 |
| 234-4437 | | 25196 | 234-4485 | | 25729 | 234-4539 | | 24687 |
| 234-4438 | | 25195 | 234-4486 | | 25005 | 234-4539 | | 24824 |
| 234-4439 | | 25183 | 234-4487 | | 25762 | 234-4540 | | 24824 |
| 234-4440 | | 25557 | 234-4488 | | 25198 | 234-4542 | | 24441 |
| 234-4441 | | 21574 | 234-4489 | | 22134 | 234-4543 | | 24459 |
| 234-4442 | | 24113 | 234-4489 | | 22143 | 234-4544 | | 24116 |
| 234-4443 | | 24239 | 234-4490 | | 22135 | 234-4544 | | 24467 |
| 234-4444 | | 25202 | 234-4490 | | 22142 | 234-4545 | | 23162 |
| 234-4445 | | 24642 | 234-4491 | | 22135 | 234-4546 | | 23158 |
| 234-4446 | | 24642 | 234-4491 | | 22139 | 234-4547 | | 23161 |
| 234-4447 | | 24651 | 234-4492 | | 22137 | 234-4548 | | 25218 |
| 234-4448 | | 25201 | 234-4493 | | 22138 | 234-4549 | | 25734 |
| 234-4449 | | 25210 | 234-4494 | | 22535 | 234-4549 | | 25747 |
| 234-4450 | | 25619 | 234-4495 | | 22501 | 234-4550 | | 25733 |
| 234-4450 | | 25646 | 234-4496 | | 25659 | 234-4552 | | 25732 |
| 234-4451 | | 25619 | 234-4496 | | 25738 | 234-4553 | | 23161 |
| 234-4451 | | 25716 | 234-4497 | | 25737 | 234-4554 | | 23162 |
| 234-4452 | | 25619 | 234-4498 | | 25688 | 234-4555 | | 22138 |
| 234-4453 | | 25646 | 234-4499 | | 25682 | 234-4556 | | 24456 |
| 234-4454 | | 25646 | 234-4501 | | 21547 | 234-4557 | | 24452 |
| 234-4455 | | 25214 | 234-4501 | | 24844 | 234-4558 | | 24295 |
| 234-4456 | | 25212 | 234-4502 | | 25721 | 234-4559 | | 25220 |
| 234-4456 | | 25219 | 234-4503 | | 24236 | 234-4560 | | 25220 |
| 234-4457 | | 25648 | 234-4504 | | 24237 | 234-4561 | | 21576 |
| 234-4458 | | 25211 | 234-4504 | | 24451 | 234-4562 | | 25740 |
| 234-4458 | | 25217 | 234-4505 | | 24460 | 234-4563 | | 21555 |
| 234-4459 | | 24385 | 234-4506 | | 24649 | 234-4564 | | 21556 |
| 234-4460 | | 24386 | 234-4506 | | 24841 | 234-4565 | | 21571 |
| 234-4461 | | 24114 | 234-4507 | | 24059 | 234-4566 | | 21571 |
| 234-4461 | | 24435 | 234-4508 | | 24059 | 234-4567 | | 21067 |
| 234-4461 | | 24436 | 234-4509 | | 24454 | 234-4568 | | 25739 |
| 234-4461 | | 24437 | 234-4509 | | 25721 | 234-4569 | | 25733 |
| 234-4461 | | 24438 | 234-4510 | | 21547 | 234-4569 | | 25745 |
| 234-4462 | | 24434 | 234-4511 | | 24044 | 234-4570 | | 25221 |
| 234-4463 | | 25213 | 234-4512 | | 24687 | 234-4571 | | 25207 |
| 234-4463 | | 25222 | 234-4513 | | 24651 | 234-4571 | | 25223 |
| 234-4464 | | 25678 | 234-4514 | | 24575 | 234-4572 | | 25204 |
| 234-4465 | | 25713 | 234-4515 | | 24605 | 234-4573 | | 25718 |
| 234-4466 | | 24173 | 234-4516 | | 24687 | 234-4574 | | 24083 |
| 234-4467 | | 24458 | 234-4517 | | 24807 | 234-4574 | | 24113 |
| 234-4468 | | 24297 | 234-4518 | | 24566 | 234-4574 | | 24461 |
| 234-4469 | | 25719 | 234-4518 | | 24842 | 234-4574 | | 24462 |
| 234-4470 | | 25627 | 234-4519 | | 24566 | 234-4574 | | 24463 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| DENSO | | | | | | | | |
| 234-4574 | | 24473 | 234-4614 | | 23097 | 234-4642 | | 23513 |
| 234-4574 | | 24481 | 234-4614 | | 23123 | 234-4642 | | 23559 |
| 234-4575 | | 22536 | 234-4615 | | 21536 | 234-4643 | | 24533 |
| 234-4576 | | 22537 | 234-4616 | | 21519 | 234-4644 | | 24533 |
| 234-4577 | | 22538 | 234-4616 | | 21550 | 234-4644 | | 24534 |
| 234-4578 | | 22141 | 234-4617 | | 21537 | 234-4644 | | 25578 |
| 234-4579 | | 23165 | 234-4618 | | 21538 | 234-4645 | | 23516 |
| 234-4580 | | 24468 | 234-4619 | | 24561 | 234-4645 | | 23517 |
| 234-4581 | | 24462 | 234-4620 | | 24042 | 234-4645 | | 23549 |
| 234-4582 | | 25741 | 234-4620 | | 24427 | 234-4646 | | 21045 |
| 234-4583 | | 24792 | 234-4620 | | 24655 | 234-4646 | | 21055 |
| 234-4584 | | 24779 | 234-4621 | | 24042 | 234-4646 | | 21517 |
| 234-4585 | | 25206 | 234-4621 | | 24283 | 234-4647 | | 21048 |
| 234-4586 | | 25203 | 234-4621 | | 24286 | 234-4648 | | 21524 |
| 234-4586 | | 25234 | 234-4621 | | 24584 | 234-4649 | | 21509 |
| 234-4586 | | 25235 | 234-4621 | | 24603 | 234-4650 | | 21047 |
| 234-4586 | | 25236 | 234-4622 | | 24047 | 234-4650 | | 21516 |
| 234-4587 | | 23135 | 234-4622 | | 24082 | 234-4651 | | 21048 |
| 234-4587 | | 23143 | 234-4622 | | 24156 | 234-4651 | | 21514 |
| 234-4587 | | 23152 | 234-4622 | | 24453 | 234-4652 | | 23525 |
| 234-4587 | | 23159 | 234-4622 | | 24456 | 234-4653 | | 23532 |
| 234-4588 | | 23137 | 234-4622 | | 24470 | 234-4654 | | 23533 |
| 234-4588 | | 23158 | 234-4622 | | 24594 | 234-4655 | | 23523 |
| 234-4589 | | 25656 | 234-4623 | | 24579 | 234-4656 | | 23521 |
| 234-4590 | | 23144 | 234-4623 | | 24605 | 234-4656 | | 23522 |
| 234-4591 | | 25729 | 234-4624 | | 24047 | 234-4656 | | 23523 |
| 234-4592 | | 23131 | 234-4624 | | 24073 | 234-4657 | | 23521 |
| 234-4592 | | 23145 | 234-4624 | | 24548 | 234-4658 | | 23520 |
| 234-4593 | | 23160 | 234-4624 | | 24581 | 234-4659 | | 24546 |
| 234-4595 | | 24466 | 234-4624 | | 24594 | 234-4660 | | 25642 |
| 234-4596 | | 23129 | 234-4625 | | 24548 | 234-4661 | | 25552 |
| 234-4596 | | 23146 | 234-4626 | | 24547 | 234-4661 | | 25644 |
| 234-4597 | | 23114 | 234-4626 | | 24581 | 234-4662 | | 25643 |
| 234-4598 | | 23018 | 234-4627 | | 22088 | 234-4663 | | 25549 |
| 234-4599 | | 24465 | 234-4627 | | 22094 | 234-4664 | | 25550 |
| 234-4601 | | 24284 | 234-4628 | | 22000 | 234-4665 | | 25539 |
| 234-4601 | | 24287 | 234-4628 | | 22092 | 234-4666 | | 25549 |
| 234-4601 | | 24603 | 234-4629 | | 22098 | 234-4666 | | 25644 |
| 234-4602 | | 23509 | 234-4629 | | 22103 | 234-4667 | | 25552 |
| 234-4603 | | 24676 | 234-4630 | | 24170 | 234-4668 | | 21546 |
| 234-4603 | | 24807 | 234-4630 | | 24564 | 234-4669 | | 21549 |
| 234-4603 | | 24808 | 234-4631 | | 23518 | 234-4669 | | 21556 |
| 234-4604 | | 24571 | 234-4631 | | 24050 | 234-4670 | | 25041 |
| 234-4605 | | 22507 | 234-4631 | | 24674 | 234-4670 | | 25565 |
| 234-4606 | | 22032 | 234-4633 | | 23516 | 234-4671 | | 25041 |
| 234-4606 | | 22531 | 234-4633 | | 23518 | 234-4671 | | 25560 |
| 234-4607 | | 22074 | 234-4633 | | 23549 | 234-4671 | | 25561 |
| 234-4608 | | 22106 | 234-4633 | | 24058 | 234-4671 | | 25565 |
| 234-4609 | | 22009 | 234-4634 | | 23511 | 234-4672 | | 25569 |
| 234-4609 | | 22016 | 234-4635 | | 23512 | 234-4673 | | 21555 |
| 234-4609 | | 22071 | 234-4636 | | 23519 | 234-4673 | | 21561 |
| 234-4609 | | 22500 | 234-4637 | | 23514 | 234-4674 | | 25046 |
| 234-4610 | | 22016 | 234-4637 | | 23515 | 234-4674 | | 25529 |
| 234-4610 | | 22130 | 234-4637 | | 24202 | 234-4674 | | 25530 |
| 234-4610 | | 22500 | 234-4638 | | 23514 | 234-4675 | | 25565 |
| 234-4611 | | 22056 | 234-4638 | | 23515 | 234-4676 | | 25041 |
| 234-4611 | | 22503 | 234-4639 | | 21511 | 234-4676 | | 25529 |
| 234-4612 | | 22001 | 234-4639 | | 23513 | 234-4676 | | 25533 |
| 234-4612 | | 22093 | 234-4640 | | 23559 | 234-4677 | | 25609 |
| 234-4612 | | 22099 | 234-4641 | | 21511 | 234-4678 | | 25618 |
| 234-4613 | | 24422 | 234-4641 | | 23001 | 234-4679 | | 25608 |
| 234-4613 | | 24423 | 234-4641 | | 23020 | 234-4680 | | 25560 |
| 234-4613 | | 24431 | 234-4641 | | 23513 | 234-4681 | | 25542 |
| 234-4614 | | 23055 | 234-4642 | | 23001 | 234-4682 | | 25586 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| DENSO | | | DENSO | | | DENSO | | |
| 234-4683 | | 25587 | 234-4737 | | 25725 | 234-4784 | | 25163 |
| 234-4684 | | 25542 | 234-4738 | | 21512 | 234-4785 | | 25045 |
| 234-4685 | | 25527 | 234-4738 | | 23551 | 234-4786 | | 24083 |
| 234-4686 | | 24583 | 234-4739 | | 21512 | 234-4786 | | 24473 |
| 234-4687 | | 24600 | 234-4740 | | 22136 | 234-4786 | | 24481 |
| 234-4688 | | 21529 | 234-4741 | | 23550 | 234-4787 | | 24469 |
| 234-4688 | | 21535 | 234-4741 | | 23551 | 234-4788 | | 25017 |
| 234-4689 | | 25538 | 234-4742 | | 23524 | 234-4789 | | 25013 |
| 234-4689 | | 25585 | 234-4743 | | 24461 | 234-4790 | | 24475 |
| 234-4690 | | 24592 | 234-4744 | | 23556 | 234-4791 | | 25753 |
| 234-4691 | | 24599 | 234-4745 | | 23556 | 234-4792 | | 25749 |
| 234-4692 | | 24589 | 234-4746 | | 23529 | 234-4793 | | 25742 |
| 234-4693 | | 24591 | 234-4747 | | 23526 | 234-4794 | | 25752 |
| 234-4693 | | 24593 | 234-4748 | | 23057 | 234-4795 | | 25753 |
| 234-4694 | | 25623 | 234-4748 | | 23164 | 234-4795 | | 25754 |
| 234-4695 | | 25623 | 234-4749 | | 23537 | 234-4796 | | 25205 |
| 234-4696 | | 25624 | 234-4750 | | 22519 | 234-4797 | | 24647 |
| 234-4697 | | 25579 | 234-4751 | | 22510 | 234-4798 | | 25607 |
| 234-4698 | | 25580 | 234-4752 | | 22514 | 234-4799 | | 25208 |
| 234-4698 | | 25581 | 234-4752 | | 24697 | 234-4799 | | 25232 |
| 234-4699 | | 25554 | 234-4753 | | 25604 | 234-4800 | | 24811 |
| 234-4701 | | 22516 | 234-4753 | | 25605 | 234-4801 | | 24811 |
| 234-4701 | | 24637 | 234-4753 | | 25723 | 234-4802 | | 24806 |
| 234-4702 | | 22521 | 234-4754 | | 25657 | 234-4803 | | 24810 |
| 234-4702 | | 24637 | 234-4754 | | 25668 | 234-4804 | | 24651 |
| 234-4703 | | 24543 | 234-4754 | | 25675 | 234-4804 | | 24848 |
| 234-4703 | | 24544 | 234-4754 | | 25725 | 234-4805 | | 24651 |
| 234-4703 | | 24606 | 234-4754 | | 25729 | 234-4805 | | 24848 |
| 234-4704 | | 24544 | 234-4755 | | 25591 | 234-4806 | | 24131 |
| 234-4705 | | 24545 | 234-4756 | | 23527 | 234-4807 | | 25645 |
| 234-4706 | | 24578 | 234-4757 | | 24082 | 234-4808 | | 25604 |
| 234-4707 | | 25562 | 234-4757 | | 24470 | 234-4808 | | 25605 |
| 234-4708 | | 25545 | 234-4758 | | 24780 | 234-4808 | | 25723 |
| 234-4709 | | 25558 | 234-4760 | | 24471 | 234-4809 | | 25604 |
| 234-4710 | | 25556 | 234-4761 | | 23509 | 234-4809 | | 25605 |
| 234-4711 | | 25534 | 234-4762 | | 21071 | 234-4809 | | 25621 |
| 234-4712 | | 25053 | 234-4762 | | 21072 | 234-4809 | | 25622 |
| 234-4713 | | 24573 | 234-4763 | | 21579 | 234-4809 | | 25661 |
| 234-4713 | | 24643 | 234-4764 | | 23544 | 234-4809 | | 25724 |
| 234-4714 | | 24635 | 234-4765 | | 21546 | 234-4809 | | 25728 |
| 234-4715 | | 24550 | 234-4766 | | 23137 | 234-4810 | | 24132 |
| 234-4716 | | 24630 | 234-4767 | | 23069 | 234-4811 | | 25621 |
| 234-4717 | | 25656 | 234-4767 | | 23132 | 234-4811 | | 25661 |
| 234-4718 | | 23527 | 234-4768 | | 23141 | 234-4812 | | 25589 |
| 234-4719 | | 23556 | 234-4768 | | 23531 | 234-4812 | | 25597 |
| 234-4720 | | 25620 | 234-4769 | | 23139 | 234-4812 | | 25641 |
| 234-4721 | | 22533 | 234-4770 | | 23135 | 234-4812 | | 25645 |
| 234-4722 | | 22513 | 234-4771 | | 23132 | 234-4813 | | 25661 |
| 234-4723 | | 22001 | 234-4772 | | 23141 | 234-4814 | | 24644 |
| 234-4724 | | 22528 | 234-4773 | | 21559 | 234-4815 | | 21556 |
| 234-4725 | | 22532 | 234-4774 | | 21559 | 234-4816 | | 21556 |
| 234-4725 | | 25189 | 234-4775 | | 24641 | 234-4817 | | 21563 |
| 234-4726 | | 24675 | 234-4776 | | 24574 | 234-4818 | | 21571 |
| 234-4727 | | 24582 | 234-4776 | | 24640 | 234-4819 | | 21575 |
| 234-4727 | | 24585 | 234-4777 | | 24572 | 234-4820 | | 21562 |
| 234-4728 | | 24585 | 234-4778 | | 24638 | 234-4821 | | 25653 |
| 234-4729 | | 24675 | 234-4779 | | 24637 | 234-4821 | | 25727 |
| 234-4730 | | 24679 | 234-4780 | | 21577 | 234-4822 | | 21531 |
| 234-4731 | | 21507 | 234-4781 | | 24094 | 234-4822 | | 25592 |
| 234-4732 | | 24642 | 234-4781 | | 24474 | 234-4823 | | 25605 |
| 234-4733 | | 24631 | 234-4781 | | 24482 | 234-4824 | | 25604 |
| 234-4734 | | 25591 | 234-4781 | | 24483 | 234-4824 | | 25605 |
| 234-4735 | | 25607 | 234-4782 | | 24476 | 234-4825 | | 25668 |
| 234-4736 | | 24576 | 234-4783 | | 25044 | 234-4826 | | 25656 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| | DENSO | | | DENSO | | | DENSO | |
| 234-4827 | | 25668 | 234-4866 | | 25593 | 234-4917 | | 25653 |
| 234-4828 | | 25660 | 234-4867 | | 21531 | 234-4917 | | 25727 |
| 234-4829 | | 25656 | 234-4868 | | 25641 | 234-4918 | | 25659 |
| 234-4829 | | 25657 | 234-4869 | | 25649 | 234-4919 | | 25653 |
| 234-4829 | | 25681 | 234-4871 | | 25682 | 234-4920 | | 25653 |
| 234-4829 | | 25687 | 234-4872 | | 25588 | 234-4920 | | 25727 |
| 234-4829 | | 25695 | 234-4873 | | 25641 | 234-4921 | | 24808 |
| 234-4829 | | 25729 | 234-4874 | | 25605 | 234-4922 | | 24840 |
| 234-4830 | | 21521 | 234-4874 | | 25621 | 234-4923 | | 25701 |
| 234-4831 | | 25657 | 234-4874 | | 25622 | 234-4924 | | 24677 |
| 234-4831 | | 25675 | 234-4874 | | 25689 | 234-4925 | | 24560 |
| 234-4832 | | 25656 | 234-4874 | | 25705 | 234-4925 | | 24564 |
| 234-4832 | | 25725 | 234-4874 | | 25728 | 234-4926 | | 24581 |
| 234-4833 | | 25656 | 234-4875 | | 25612 | 234-4927 | | 24594 |
| 234-4833 | | 25657 | 234-4876 | | 25614 | 234-4927 | | 24780 |
| 234-4833 | | 25687 | 234-4876 | | 25676 | 234-4928 | | 25721 |
| 234-4833 | | 25725 | 234-4877 | | 25612 | 234-4929 | | 24605 |
| 234-4833 | | 25729 | 234-4877 | | 25676 | 234-4930 | | 24566 |
| 234-4834 | | 25675 | 234-4878 | | 25653 | 234-4931 | | 24560 |
| 234-4835 | | 24644 | 234-4878 | | 25659 | 234-4932 | | 25710 |
| 234-4836 | | 25681 | 234-4879 | | 25696 | 234-4933 | | 25767 |
| 234-4836 | | 25695 | 234-4879 | | 25761 | 234-4934 | | 25764 |
| 234-4837 | | 24051 | 234-4880 | | 23566 | 234-4935 | | 25766 |
| 234-4838 | | 23515 | 234-4881 | | 25186 | 234-4936 | | 22140 |
| 234-4839 | | 25757 | 234-4882 | | 23512 | 234-4938 | | 25683 |
| 234-4840 | | 21571 | 234-4883 | | 25617 | 234-4939 | | 24792 |
| 234-4841 | | 25621 | 234-4884 | | 25617 | 234-4940 | | 21581 |
| 234-4841 | | 25689 | 234-4885 | | 25617 | 234-4943 | | 23143 |
| 234-4841 | | 25705 | 234-4886 | | 23549 | 234-4944 | | 22144 |
| 234-4842 | | 25681 | 234-4887 | | 24050 | 234-4945 | | 24605 |
| 234-4842 | | 25687 | 234-4888 | | 23515 | 234-4946 | | 24787 |
| 234-4843 | | 25688 | 234-4888 | | 23519 | 234-4947 | | 24581 |
| 234-4844 | | 25645 | 234-4889 | | 23559 | 234-4948 | | 24060 |
| 234-4845 | | 25597 | 234-4890 | | 25611 | 234-4949 | | 24477 |
| 234-4846 | | 25621 | 234-4891 | | 25614 | 234-4950 | | 25651 |
| 234-4846 | | 25661 | 234-4892 | | 25613 | 234-4951 | | 25720 |
| 234-4847 | | 25597 | 234-4892 | | 25676 | 234-4952 | | 24057 |
| 234-4848 | | 25622 | 234-4893 | | 25612 | 234-4953 | | 25018 |
| 234-4848 | | 25689 | 234-4893 | | 25616 | 234-4954 | | 24430 |
| 234-4849 | | 25657 | 234-4894 | | 25617 | 234-4955 | | 24429 |
| 234-4849 | | 25675 | 234-4895 | | 25617 | 234-4957 | | 25245 |
| 234-4849 | | 25729 | 234-4896 | | 25186 | 234-4958 | | 25733 |
| 234-4850 | | 25604 | 234-4897 | | 25616 | 234-4958 | | 25748 |
| 234-4850 | | 25622 | 234-4898 | | 25613 | 234-4959 | | 25739 |
| 234-4850 | | 25649 | 234-4899 | | 25613 | 234-4960 | | 22541 |
| 234-4851 | | 24588 | 234-4899 | | 25614 | 234-4961 | | 22541 |
| 234-4852 | | 25606 | 234-4900 | | 25676 | 234-4962 | | 22538 |
| 234-4853 | | 24534 | 234-4901 | | 25617 | 234-4963 | | 22539 |
| 234-4854 | | 25671 | 234-4902 | | 25617 | 234-4964 | | 22543 |
| 234-4855 | | 25672 | 234-4903 | | 25678 | 234-4965 | | 22543 |
| 234-4855 | | 25691 | 234-4904 | | 24472 | 234-4966 | | 22052 |
| 234-4856 | | 25672 | 234-4905 | | 24466 | 234-4966 | | 22066 |
| 234-4857 | | 25678 | 234-4906 | | 24056 | 234-4967 | | 22053 |
| 234-4858 | | 25610 | 234-4907 | | 24651 | 234-4968 | | 22051 |
| 234-4858 | | 25683 | 234-4908 | | 24642 | 234-4968 | | 22052 |
| 234-4859 | | 25604 | 234-4909 | | 24073 | 234-4968 | | 22145 |
| 234-4859 | | 25605 | 234-4910 | | 21531 | 234-4969 | | 25760 |
| 234-4859 | | 25622 | 234-4911 | | 25592 | 234-4970 | | 25711 |
| 234-4860 | | 25598 | 234-4911 | | 25701 | 234-4971 | | 25711 |
| 234-4861 | | 25592 | 234-4912 | | 25701 | 234-4971 | | 25744 |
| 234-4862 | | 25603 | 234-4913 | | 21531 | 234-4972 | | 25743 |
| 234-4863 | | 25592 | 234-4914 | | 25593 | 234-4973 | | 25711 |
| 234-4864 | | 25717 | 234-4915 | | 25696 | 234-4973 | | 25744 |
| 234-4865 | | 25592 | 234-4916 | | 25654 | 234-4974 | | 21074 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|
| | DENSO | | | DENSO | | | DENSO | |
| 234-4974 | | 21075 | 234-5029 | | 24381 | 234-5079 | | 27053 |
| 234-4975 | | 21078 | 234-5030 | | 24389 | 234-5080 | | 27053 |
| 234-4976 | | 24089 | 234-5030 | | 24390 | 234-5081 | | 24382 |
| 234-4976 | | 24093 | 234-5032 | | 24384 | 234-5082 | | 24325 |
| 234-4977 | | 24088 | 234-5033 | | 24358 | 234-5083 | | 24348 |
| 234-4978 | | 24085 | 234-5034 | | 24348 | 234-5084 | | 24366 |
| 234-4979 | | 24134 | 234-5035 | | 24342 | 234-5085 | | 24330 |
| 234-4980 | | 24479 | 234-5035 | | 24343 | 234-5086 | | 24330 |
| 234-4981 | | 25755 | 234-5035 | | 24347 | 234-5087 | | 24334 |
| 234-4981 | | 25756 | 234-5036 | | 24326 | 234-5090 | | 24325 |
| 234-4982 | | 25755 | 234-5036 | | 24328 | 234-5091 | | 24332 |
| 234-4983 | | 25227 | 234-5036 | | 24348 | 234-5092 | | 27012 |
| 234-4984 | | 25758 | 234-5037 | | 24365 | 234-5093 | | 27050 |
| 234-4985 | | 24798 | 234-5038 | | 24387 | 234-5094 | | 27055 |
| 234-4986 | | 24798 | 234-5038 | | 24397 | 234-5095 | | 24376 |
| 234-4987 | | 24800 | 234-5039 | | 24388 | 234-5096 | | 24330 |
| 234-4988 | | 24478 | 234-5039 | | 27005 | 234-5097 | | 24325 |
| 234-4989 | | 24651 | 234-5040 | | 24391 | 234-5098 | | 24385 |
| 234-4990 | | 25238 | 234-5041 | | 24395 | 234-5099 | | 24386 |
| 234-4991 | | 25244 | 234-5042 | | 24393 | 234-5100 | | 24314 |
| 234-4992 | | 25766 | 234-5043 | | 24363 | 234-5101 | | 24338 |
| 234-4993 | | 25765 | 234-5044 | | 24371 | 234-5102 | | 24323 |
| 234-4994 | | 25765 | 234-5044 | | 24390 | 234-5102 | | 24324 |
| 234-4995 | | 25765 | 234-5045 | | 24310 | 234-5102 | | 24328 |
| 234-4996 | | 24159 | 234-5045 | | 24311 | 234-5102 | | 24339 |
| 234-5001 | | 24312 | 234-5045 | | 24317 | 234-5102 | | 24341 |
| 234-5002 | | 24320 | 234-5045 | | 24318 | 234-5102 | | 24342 |
| 234-5003 | | 24320 | 234-5045 | | 24321 | 234-5102 | | 24350 |
| 234-5004 | | 24316 | 234-5045 | | 24352 | 234-5102 | | 24361 |
| 234-5005 | | 24316 | 234-5046 | | 24377 | 234-5102 | | 27058 |
| 234-5006 | | 24313 | 234-5047 | | 24362 | 234-5103 | | 24338 |
| 234-5007 | | 24325 | 234-5048 | | 24364 | 234-5103 | | 24347 |
| 234-5007 | | 24327 | 234-5049 | | 24398 | 234-5104 | | 24334 |
| 234-5008 | | 24342 | 234-5050 | | 24301 | 234-5104 | | 24336 |
| 234-5008 | | 24349 | 234-5051 | | 24399 | 234-5105 | | 24342 |
| 234-5009 | | 24323 | 234-5052 | | 24300 | 234-5105 | | 24344 |
| 234-5009 | | 24328 | 234-5053 | | 24346 | 234-5106 | | 24318 |
| 234-5010 | | 24302 | 234-5054 | | 24364 | 234-5107 | | 24309 |
| 234-5010 | | 24305 | 234-5055 | | 24326 | 234-5107 | | 24326 |
| 234-5011 | | 24360 | 234-5056 | | 24372 | 234-5107 | | 24343 |
| 234-5012 | | 24356 | 234-5056 | | 27041 | 234-5107 | | 24348 |
| 234-5012 | | 24392 | 234-5057 | | 24325 | 234-5108 | | 24319 |
| 234-5013 | | 24357 | 234-5058 | | 24368 | 234-5108 | | 24324 |
| 234-5014 | | 24354 | 234-5059 | | 24369 | 234-5108 | | 24326 |
| 234-5015 | | 24355 | 234-5060 | | 24320 | 234-5108 | | 24343 |
| 234-5016 | | 24334 | 234-5061 | | 24320 | 234-5109 | | 24323 |
| 234-5017 | | 24334 | 234-5062 | | 24320 | 234-5109 | | 24335 |
| 234-5018 | | 24359 | 234-5063 | | 24367 | 234-5110 | | 24327 |
| 234-5019 | | 24326 | 234-5064 | | 24322 | 234-5111 | | 24317 |
| 234-5019 | | 24328 | 234-5064 | | 24333 | 234-5111 | | 24352 |
| 234-5019 | | 24334 | 234-5065 | | 24330 | 234-5112 | | 24318 |
| 234-5019 | | 24348 | 234-5066 | | 24374 | 234-5112 | | 24351 |
| 234-5020 | | 24350 | 234-5067 | | 24375 | 234-5113 | | 24325 |
| 234-5021 | | 24334 | 234-5068 | | 24348 | 234-5113 | | 24348 |
| 234-5022 | | 24342 | 234-5069 | | 24324 | 234-5114 | | 24309 |
| 234-5023 | | 24339 | 234-5071 | | 24329 | 234-5114 | | 24335 |
| 234-5024 | | 24326 | 234-5072 | | 24312 | 234-5114 | | 24338 |
| 234-5025 | | 24337 | 234-5073 | | 24314 | 234-5114 | | 24340 |
| 234-5026 | | 24365 | 234-5074 | | 24318 | 234-5114 | | 24343 |
| 234-5027 | | 24332 | 234-5075 | | 24394 | 234-5114 | | 24349 |
| 234-5027 | | 24333 | 234-5075 | | 27025 | 234-5115 | | 24314 |
| 234-5027 | | 24345 | 234-5076 | | 24326 | 234-5115 | | 24317 |
| 234-5028 | | 24316 | 234-5077 | | 24396 | 234-5115 | | 24318 |
| 234-5028 | | 24321 | 234-5078 | | 24395 | 234-5115 | | 24321 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | | | |
|--------------|-------------|------------|--------------|-------------|------------|--------------|-------------|------------|-------|--|--|
| | DENSO | | | | DENSO | | | | DENSO | | |
| 234-5115 | | 24351 | 234-5150 | | 27003 | 234-5711 | | 27083 | | | |
| 234-5116 | | 24324 | 234-5150 | | 27009 | 234-5712 | | 27082 | | | |
| 234-5116 | | 24341 | 234-5151 | | 27001 | 234-5713 | | 24328 | | | |
| 234-5116 | | 24342 | 234-5151 | | 27015 | 234-5714 | | 27027 | | | |
| 234-5116 | | 24350 | 234-5152 | | 24373 | 234-5715 | | 27020 | | | |
| 234-5117 | | 24321 | 234-5152 | | 27044 | 234-5716 | | 24329 | | | |
| 234-5118 | | 24328 | 234-5153 | | 27048 | 234-5716 | | 24330 | | | |
| 234-5118 | | 24335 | 234-5154 | | 27046 | 234-5717 | | 24333 | | | |
| 234-5119 | | 24323 | 234-5155 | | 24348 | 234-5718 | | 24329 | | | |
| 234-5119 | | 24339 | 234-5156 | | 27061 | 234-5719 | | 27040 | | | |
| 234-5119 | | 24340 | 234-5157 | | 27057 | 234-5720 | | 27034 | | | |
| 234-5119 | | 24342 | 234-5158 | | 24329 | 234-5721 | | 24330 | | | |
| 234-5119 | | 24347 | 234-5158 | | 24330 | 234-5722 | | 27067 | | | |
| 234-5119 | | 24349 | 234-5160 | | 27010 | 234-5722 | | 27068 | | | |
| 234-5119 | | 24350 | 234-5161 | | 27055 | 234-8000 | | 24788 | | | |
| 234-5119 | | 24361 | 234-5162 | | 27050 | 234-8001 | | 24811 | | | |
| 234-5120 | | 24308 | 234-5163 | | 27050 | 234-8002 | | 24687 | | | |
| 234-5121 | | 24310 | 234-5164 | | 27002 | 234-8003 | | 24794 | | | |
| 234-5121 | | 24318 | 234-5164 | | 27007 | 234-8004 | | 24784 | | | |
| 234-5124 | | 24311 | 234-5165 | | 27051 | 234-8005 | | 24848 | | | |
| 234-5124 | | 24317 | 234-5166 | | 27053 | 234-8007 | | 24131 | | | |
| 234-5125 | | 24325 | 234-5167 | | 24364 | 234-8008 | | 24785 | | | |
| 234-5125 | | 24326 | 234-5168 | | 24364 | 234-8009 | | 24796 | | | |
| 234-5125 | | 24328 | 234-5169 | | 27047 | 234-8012 | | 25768 | | | |
| 234-5126 | | 24314 | 234-5170 | | 27045 | 234-8013 | | 25541 | | | |
| 234-5127 | | 24314 | 234-5170 | | 27084 | 234-8017 | | 22540 | | | |
| 234-5128 | | 24328 | 234-5171 | | 27036 | 234-8019 | | 25185 | | | |
| 234-5129 | | 24309 | 234-5172 | | 24334 | 234-8020 | | 24155 | | | |
| 234-5129 | | 24314 | 234-5173 | | 24334 | 234-8021 | | 24480 | | | |
| 234-5129 | | 24316 | 234-5174 | | 24334 | 234-8022 | | 25764 | | | |
| 234-5130 | | 24321 | 234-5175 | | 27014 | 234-8023 | | 25759 | | | |
| 234-5131 | | 24336 | 234-5176 | | 27006 | 234-8024 | | 23154 | | | |
| 234-5132 | | 24316 | 234-5176 | | 27013 | 234-8025 | | 24484 | | | |
| 234-5133 | | 24316 | 234-5176 | | 27018 | 234-8026 | | 24160 | | | |
| 234-5133 | | 24321 | 234-5176 | | 27019 | 234-8027 | | 24485 | | | |
| 234-5134 | | 24317 | 234-5176 | | 27021 | 234-8028 | | 25233 | | | |
| 234-5134 | | 24321 | 234-5176 | | 27023 | 234-8028 | | 25237 | | | |
| 234-5135 | | 24325 | 234-5176 | | 27030 | 234-8029 | | 25184 | | | |
| 234-5135 | | 24329 | 234-5176 | | 27031 | 234-8030 | | 25224 | | | |
| 234-5136 | | 24330 | 234-5177 | | 27022 | 234-8031 | | 25240 | | | |
| 234-5136 | | 24331 | 234-5177 | | 27038 | 234-8032 | | 22542 | | | |
| 234-5137 | | 24315 | 234-5177 | | 27063 | 234-8039 | | 22541 | | | |
| 234-5137 | | 24330 | 234-5178 | | 27004 | 234-8039 | | 22542 | | | |
| 234-5137 | | 24332 | 234-5180 | | 27017 | 234-9001 | | 24669 | | | |
| 234-5137 | | 24333 | 234-5180 | | 27026 | 234-9002 | | 24669 | | | |
| 234-5138 | | 24333 | 234-5182 | | 27024 | 234-9002 | | 24670 | | | |
| 234-5138 | | 24345 | 234-5183 | | 27039 | 234-9003 | | 24670 | | | |
| 234-5139 | | 24322 | 234-5183 | | 27043 | 234-9004 | | 24665 | | | |
| 234-5139 | | 24337 | 234-5184 | | 27052 | 234-9005 | | 24665 | | | |
| 234-5140 | | 24326 | 234-5185 | | 27055 | 234-9006 | | 24666 | | | |
| 234-5140 | | 24331 | 234-5430 | | 24304 | 234-9007 | | 25697 | | | |
| 234-5141 | | 24326 | 234-5430 | | 24353 | 234-9008 | | 24662 | | | |
| 234-5142 | | 24326 | 234-5700 | | 24312 | 234-9009 | | 25697 | | | |
| 234-5143 | | 27054 | 234-5701 | | 24312 | 234-9010 | | 24657 | | | |
| 234-5143 | | 27056 | 234-5702 | | 24306 | 234-9011 | | 24659 | | | |
| 234-5144 | | 27049 | 234-5702 | | 24320 | 234-9012 | | 24663 | | | |
| 234-5145 | | 27049 | 234-5703 | | 24306 | 234-9013 | | 24660 | | | |
| 234-5145 | | 27055 | 234-5703 | | 24307 | 234-9014 | | 24660 | | | |
| 234-5146 | | 27059 | 234-5705 | | 24307 | 234-9015 | | 24664 | | | |
| 234-5147 | | 24370 | 234-5706 | | 27011 | 234-9016 | | 25702 | | | |
| 234-5148 | | 24316 | 234-5707 | | 27062 | 234-9017 | | 24664 | | | |
| 234-5148 | | 24321 | 234-5708 | | 24348 | 234-9018 | | 24667 | | | |
| 234-5149 | | 24326 | 234-5709 | | 24332 | 234-9019 | | 25629 | | | |
| 234-5149 | | 24328 | 234-5710 | | 27032 | 234-9020 | | 25630 | | | |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-------------|------------|--------------|-------------|------------|-----------------------------|-------------|------------|
| DENSO | | | DENSO | | | DENSO | | |
| 234-9021 | | 24658 | 234-9070 | | 25679 | 234-9130 | | 24828 |
| 234-9021 | | 24822 | 234-9071 | | 25685 | 234-9131 | | 25680 |
| 234-9022 | | 24662 | 234-9072 | | 25679 | 234-9132 | | 24786 |
| 234-9022 | | 24827 | 234-9073 | | 25679 | 234-9133 | | 24783 |
| 234-9023 | | 24657 | 234-9074 | | 24823 | 234-9134 | | 24791 |
| 234-9024 | | 24656 | 234-9074 | | 25663 | 234-9135 | | 24781 |
| 234-9025 | | 24809 | 234-9075 | | 24823 | 234-9135 | | 24783 |
| 234-9026 | | 24661 | 234-9076 | | 25699 | 234-9136 | | 24851 |
| 234-9026 | | 24833 | 234-9077 | | 25680 | 234-9137 | | 25704 |
| 234-9027 | | 25704 | 234-9078 | | 25680 | 234-9138 | | 24851 |
| 234-9028 | | 24822 | 234-9079 | | 24853 | 234-9139 | | 24663 |
| 234-9029 | | 25631 | 234-9080 | | 25685 | 234-9139 | | 24850 |
| 234-9030 | | 25631 | 234-9081 | | 25690 | 234-9140 | | 24661 |
| 234-9031 | | 24836 | 234-9082 | | 24853 | 234-9140 | | 24828 |
| 234-9032 | | 24790 | 234-9083 | | 25679 | 234-9140 | | 24833 |
| 234-9033 | | 25684 | 234-9084 | | 24661 | 234-9141 | | 24851 |
| 234-9034 | | 24821 | 234-9085 | | 25669 | 234-9142 | | 24828 |
| 234-9035 | | 24830 | 234-9086 | | 25674 | 234-9143 | | 24828 |
| 234-9036 | | 25685 | 234-9087 | | 25686 | 234-9143 | | 24833 |
| 234-9037 | | 25690 | 234-9088 | | 24829 | 234-9144 | | 24828 |
| 234-9038 | | 25679 | 234-9089 | | 24827 | 234-9144 | | 24849 |
| 234-9039 | | 25679 | 234-9090 | | 24661 | 234-9145 | | 24828 |
| 234-9040 | | 24803 | 234-9090 | | 24828 | 234-9145 | | 24849 |
| 234-9041 | | 24662 | 234-9091 | | 25680 | 234-9146 | | 25680 |
| 234-9041 | | 24837 | 234-9092 | | 24663 | 234-9147 | | 24795 |
| 234-9042 | | 24662 | 234-9093 | | 24829 | 234-9148 | | 24786 |
| 234-9042 | | 24663 | 234-9094 | | 25706 | 234-9149 | | 24799 |
| 234-9042 | | 24827 | 234-9095 | | 25731 | 234-9150 | | 25662 |
| 234-9043 | | 24827 | 234-9096 | | 25685 | 234-9150 | | 25706 |
| 234-9044 | | 24662 | 234-9097 | | 24831 | 234-9151 | | 25663 |
| 234-9045 | | 24827 | 234-9098 | | 24826 | 234-9151 | | 25704 |
| 234-9046 | | 24827 | 234-9099 | | 24801 | 234-9152 | | 25662 |
| 234-9047 | | 24663 | 234-9100 | | 24661 | 234-9153 | | 24802 |
| 234-9047 | | 24827 | 234-9101 | | 24833 | 234-9154 | | 24662 |
| 234-9048 | | 24661 | 234-9102 | | 25673 | 234-9154 | | 24827 |
| 234-9048 | | 24833 | 234-9103 | | 24846 | 234-9154 | | 24851 |
| 234-9049 | | 24662 | 234-9104 | | 24791 | 234-9155 | | 24827 |
| 234-9049 | | 24837 | 234-9105 | | 24791 | 234-9155 | | 24851 |
| 234-9050 | | 24827 | 234-9106 | | 24783 | 234-9156 | | 25704 |
| 234-9051 | | 24833 | 234-9107 | | 24854 | 234-9156 | | 25763 |
| 234-9052 | | 24661 | 234-9108 | | 24830 | 234-9157 | | 24789 |
| 234-9053 | | 24833 | 234-9109 | | 24851 | 234-9158 | | 24662 |
| 234-9054 | | 24662 | 234-9111 | | 24849 | 234-9158 | | 24802 |
| 234-9055 | | 24663 | 234-9112 | | 24828 | 234-9159 | | 24782 |
| 234-9056 | | 24661 | 234-9113 | | 24850 | 234-9160 | | 25704 |
| 234-9057 | | 24662 | 234-9114 | | 24851 | 234-9161 | | 24827 |
| 234-9057 | | 24663 | 234-9115 | | 24851 | 234-9161 | | 24851 |
| 234-9058 | | 24661 | 234-9116 | | 25680 | 234-9162 | | 24828 |
| 234-9058 | | 24833 | 234-9117 | | 25680 | 234-9299 | | 25684 |
| 234-9059 | | 24814 | 234-9118 | | 25680 | SMP (Standard Brand) | | |
| 234-9060 | | 25680 | 234-9119 | | 24835 | SG1 | | 23552 |
| 234-9061 | | 25680 | 234-9119 | | 25700 | SG2 | | 22534 |
| 234-9062 | | 24835 | 234-9120 | | 24821 | SG2 | | 23552 |
| 234-9062 | | 25700 | 234-9121 | | 24695 | SG3 | | 21553 |
| 234-9063 | | 25699 | 234-9122 | | 24696 | SG4 | | 21500 |
| 234-9064 | | 24694 | 234-9122 | | 24825 | SG5 | | 21002 |
| 234-9064 | | 24838 | 234-9123 | | 24696 | SG6 | | 23004 |
| 234-9064 | | 24845 | 234-9124 | | 25700 | SG7 | | 23004 |
| 234-9065 | | 24694 | 234-9125 | | 25698 | SG8 | | 23044 |
| 234-9065 | | 24820 | 234-9126 | | 25700 | SG9 | | 25572 |
| 234-9066 | | 24668 | 234-9127 | | 24783 | SG10 | | 23021 |
| 234-9067 | | 24661 | 234-9128 | | 24828 | SG11 | | 25572 |
| 234-9068 | | 24833 | 234-9128 | | 24851 | SG13 | | 24033 |
| 234-9069 | | 25700 | 234-9129 | | 24828 | SG14 | | 24105 |

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|----------------------|-------------|------------|----------------------|-------------|------------|----------------------|-------------|------------|
| SMP (Standard Brand) | | | SMP (Standard Brand) | | | SMP (Standard Brand) | | |
| SG15 | | 24086 | SG84 | | 25040 | SG147 | | 22500 |
| SG15 | | 24141 | SG85 | | 25040 | SG148 | | 22500 |
| SG16 | | 23500 | SG86 | | 25081 | SG149 | | 22010 |
| SG16 | | 24141 | SG87 | | 24010 | SG150 | | 22074 |
| SG18 | | 24105 | SG88 | | 25503 | SG151 | | 24022 |
| SG18 | | 24611 | SG89 | | 24672 | SG152 | | 22033 |
| SG20 | | 23502 | SG90 | | 25040 | SG153 | | 23001 |
| SG21 | | 23553 | SG91 | | 21003 | SG154 | | 23032 |
| SG22 | | 23005 | SG92 | | 22047 | SG155 | | 24023 |
| SG23 | | 22013 | SG93 | | 25088 | SG156 | | 22092 |
| SG24 | | 22014 | SG94 | | 21541 | SG157 | | 22092 |
| SG25 | | 23023 | SG95 | | 22500 | SG158 | | 23023 |
| SG26 | | 22501 | SG96 | | 22016 | SG159 | | 22075 |
| SG26 | | 22503 | SG97 | | 22043 | SG160 | | 24010 |
| SG27 | | 22500 | SG98 | | 22503 | SG161 | | 22082 |
| SG28 | | 22043 | SG99 | | 25632 | SG162 | | 24010 |
| SG29 | | 22500 | SG100 | | 25504 | SG163 | | 24225 |
| SG32 | | 24006 | SG101 | | 25034 | SG164 | | 24064 |
| SG33 | | 23032 | SG102 | | 25521 | SG165 | | 22500 |
| SG34 | | 22503 | SG104 | | 25534 | SG166 | | 25548 |
| SG35 | | 23035 | SG105 | | 22500 | SG167 | | 25059 |
| SG37 | | 25504 | SG105 | | 22503 | SG168 | | 25547 |
| SG38 | | 25504 | SG107 | | 22016 | SG169 | | 24157 |
| SG39 | | 25103 | SG108 | | 25036 | SG170 | | 24535 |
| SG40 | | 22013 | SG109 | | 25565 | SG171 | | 24052 |
| SG41 | | 21003 | SG110 | | 25570 | SG172 | | 25633 |
| SG42 | | 25034 | SG111 | | 25534 | SG173 | | 24519 |
| SG43 | | 25516 | SG112 | | 23044 | SG174 | | 24157 |
| SG44 | | 25505 | SG113 | | 24614 | SG175 | | 24521 |
| SG45 | | 25576 | SG114 | | 24614 | SG176 | | 24520 |
| SG46 | | 25574 | SG115 | | 24500 | SG177 | | 22500 |
| SG47 | | 25034 | SG116 | | 24521 | SG178 | | 22500 |
| SG48 | | 25562 | SG117 | | 24039 | SG179 | | 22016 |
| SG49 | | 24194 | SG117 | | 24154 | SG179 | | 22500 |
| SG50 | | 24102 | SG118 | | 23119 | SG180 | | 25556 |
| SG51 | | 25531 | SG119 | | 23023 | SG181 | | 25579 |
| SG52 | | 25515 | SG120 | | 23023 | SG182 | | 25667 |
| SG53 | | 25516 | SG121 | | 23023 | SG183 | | 24535 |
| SG54 | | 25516 | SG122 | | 25041 | SG184 | | 25550 |
| SG55 | | 25040 | SG123 | | 25041 | SG185 | | 25581 |
| SG56 | | 25504 | SG124 | | 25534 | SG186 | | 25581 |
| SG57 | | 25103 | SG125 | | 25538 | SG187 | | 25585 |
| SG58 | | 25500 | SG126 | | 25518 | SG188 | | 22501 |
| SG62 | | 25506 | SG127 | | 25636 | SG189 | | 25633 |
| SG63 | | 25507 | SG128 | | 25036 | SG190 | | 25581 |
| SG64 | | 25036 | SG129 | | 22500 | SG191 | | 25582 |
| SG65 | | 25034 | SG130 | | 24007 | SG192 | | 24523 |
| SG66 | | 25034 | SG131 | | 22500 | SG193 | | 25580 |
| SG67 | | 25509 | SG132 | | 22500 | SG194 | | 25581 |
| SG68 | | 25516 | SG133 | | 22500 | SG195 | | 24666 |
| SG69 | | 25516 | SG134 | | 24022 | SG196 | | 24606 |
| SG70 | | 25034 | SG135 | | 24012 | SG197 | | 25549 |
| SG71 | | 25511 | SG136 | | 24015 | SG198 | | 25549 |
| SG72 | | 25528 | SG137 | | 24012 | SG199 | | 22500 |
| SG73 | | 25540 | SG138 | | 23023 | SG200 | | 22500 |
| SG74 | | 25512 | SG139 | | 24019 | SG201 | | 22016 |
| SG75 | | 25529 | SG140 | | 24002 | SG202 | | 24014 |
| SG76 | | 25031 | SG141 | | 24004 | SG203 | | 23023 |
| SG77 | | 25038 | SG142 | | 24027 | SG204 | | 21541 |
| SG78 | | 25081 | SG143 | | 24031 | SG205 | | 25545 |
| SG79 | | 25506 | SG144 | | 22501 | SG206 | | 25677 |
| SG80 | | 24059 | SG144 | | 22503 | SG207 | | 25539 |
| SG81 | | 24511 | SG145 | | 22500 | SG208 | | 23023 |
| SG83 | | 25501 | SG146 | | 24029 | SG209 | | 23039 |

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|----------------------|-------------|------------|----------------------|-------------|------------|----------------------|-------------|------------|
| SMP (Standard Brand) | | | SMP (Standard Brand) | | | SMP (Standard Brand) | | |
| SG209 | | 23506 | SG268 | | 23509 | SG338 | | 24655 |
| SG210 | | 23041 | SG269 | | 23088 | SG341 | | 24042 |
| SG210 | | 23118 | SG270 | | 23007 | SG342 | | 24603 |
| SG211 | | 23020 | SG271 | | 24145 | SG344 | | 24633 |
| SG212 | | 23094 | SG272 | | 21539 | SG345 | | 24546 |
| SG213 | | 23108 | SG273 | | 21539 | SG346 | | 24546 |
| SG214 | | 23101 | SG274 | | 21544 | SG347 | | 24546 |
| SG215 | | 23008 | SG275 | | 21536 | SG348 | | 24603 |
| SG216 | | 23036 | SG275 | | 21550 | SG349 | | 24584 |
| SG217 | | 23506 | SG276 | | 21506 | SG351 | | 24543 |
| SG218 | | 22092 | SG277 | | 21528 | SG352 | | 24547 |
| SG219 | | 22088 | SG278 | | 21006 | SG353 | | 24566 |
| SG219 | | 22089 | SG279 | | 21539 | SG354 | | 24512 |
| SG220 | | 22016 | SG280 | | 21543 | SG354 | | 24513 |
| SG221 | | 22503 | SG281 | | 24039 | SG355 | | 24511 |
| SG222 | | 23016 | SG282 | | 24145 | SG356 | | 24508 |
| SG223 | | 23105 | SG283 | | 25034 | SG357 | | 24506 |
| SG224 | | 25013 | SG284 | | 24526 | SG358 | | 24605 |
| SG225 | | 22074 | SG285 | | 24525 | SG359 | | 24556 |
| SG226 | | 22010 | SG286 | | 24614 | SG360 | | 24512 |
| SG227 | | 22016 | SG287 | | 24086 | SG360 | | 24513 |
| SG228 | | 21003 | SG287 | | 24141 | SG361 | | 24511 |
| SG229 | | 23041 | SG288 | | 24550 | SG362 | | 24508 |
| SG229 | | 23151 | SG289 | | 24519 | SG363 | | 24537 |
| SG229 | | 23506 | SG290 | | 25522 | SG364 | | 24552 |
| SG230 | | 23023 | SG291 | | 24039 | SG365 | | 24502 |
| SG231 | | 23007 | SG292 | | 24154 | SG366 | | 24502 |
| SG232 | | 23093 | SG293 | | 21003 | SG367 | | 24506 |
| SG233 | | 24003 | SG294 | | 25554 | SG368 | | 24594 |
| SG234 | | 24006 | SG295 | | 24544 | SG369 | | 24552 |
| SG235 | | 23006 | SG296 | | 24544 | SG370 | | 24537 |
| SG235 | | 23047 | SG297 | | 25534 | SG371 | | 24537 |
| SG236 | | 21006 | SG298 | | 22521 | SG372 | | 24595 |
| SG236 | | 24653 | SG301 | | 24524 | SG373 | | 24554 |
| SG237 | | 21003 | SG302 | | 24542 | SG374 | | 24553 |
| SG238 | | 21551 | SG303 | | 24533 | SG375 | | 24554 |
| SG239 | | 21006 | SG304 | | 23501 | SG376 | | 24554 |
| SG240 | | 24505 | SG305 | | 24022 | SG377 | | 24554 |
| SG241 | | 21004 | SG307 | | 23044 | SG379 | | 24044 |
| SG242 | | 25010 | SG307 | | 25572 | SG380 | | 24514 |
| SG243 | | 25552 | SG308 | | 25549 | SG381 | | 24673 |
| SG244 | | 25567 | SG309 | | 22092 | SG383 | | 25524 |
| SG245 | | 25045 | SG310 | | 23001 | SG384 | | 21541 |
| SG246 | | 24676 | SG311 | | 23559 | SG385 | | 24172 |
| SG247 | | 25651 | SG312 | | 23558 | SG386 | | 24172 |
| SG248 | | 25017 | SG314 | | 23099 | SG387 | | 24172 |
| SG249 | | 25016 | SG315 | | 23025 | SG388 | | 24601 |
| SG250 | | 25005 | SG316 | | 22032 | SG389 | | 24059 |
| SG251 | | 25560 | SG317 | | 22507 | SG391 | | 24579 |
| SG252 | | 25639 | SG318 | | 22060 | SG394 | | 24502 |
| SG253 | | 25552 | SG319 | | 22060 | SG395 | | 24510 |
| SG254 | | 24519 | SG320 | | 22089 | SG396 | | 23549 |
| SG255 | | 25567 | SG321 | | 22098 | SG397 | | 23001 |
| SG256 | | 25550 | SG322 | | 21508 | SG398 | | 23514 |
| SG257 | | 25568 | SG324 | | 21524 | SG399 | | 23518 |
| SG258 | | 23014 | SG326 | | 21517 | SG400 | | 23559 |
| SG259 | | 23121 | SG329 | | 21519 | SG401 | | 23523 |
| SG260 | | 25510 | SG331 | | 21550 | SG402 | | 23523 |
| SG261 | | 24536 | SG332 | | 24169 | SG404 | | 24169 |
| SG263 | | 24536 | SG334 | | 24542 | SG407 | | 22032 |
| SG263 | | 24538 | SG335 | | 24300 | SG408 | | 22001 |
| SG265 | | 22500 | SG336 | | 24542 | SG409 | | 23516 |
| SG267 | | 22500 | SG337 | | 24169 | SG410 | | 23518 |
| SG268 | | 23099 | SG338 | | 24042 | SG411 | | 21541 |

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Interchanges / Références

THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|----------------------|-------------|------------|----------------------|-------------|------------|----------------------|-------------|------------|
| SMP (Standard Brand) | | | SMP (Standard Brand) | | | SMP (Standard Brand) | | |
| SG412 | | 24058 | SG497 | | 25534 | SG560 | | 24567 |
| SG413 | | 23516 | SG498 | | 25642 | SG561 | | 24553 |
| SG414 | | 24552 | SG499 | | 25565 | SG562 | | 24630 |
| SG415 | | 24675 | SG500 | | 25527 | SG563 | | 24630 |
| SG416 | | 21509 | SG501 | | 25530 | SG564 | | 24682 |
| SG418 | | 21039 | SG502 | | 25512 | SG565 | | 24660 |
| SG419 | | 21538 | SG503 | | 25534 | SG566 | | 24665 |
| SG420 | | 22032 | SG504 | | 25534 | SG567 | | 21524 |
| SG421 | | 24202 | SG505 | | 25081 | SG568 | | 24289 |
| SG428 | | 23127 | SG506 | | 25038 | SG569 | | 22016 |
| SG428 | | 23511 | SG507 | | 25520 | SG570 | | 24614 |
| SG429 | | 23512 | SG508 | | 25533 | SG571 | | 22502 |
| SG430 | | 23097 | SG509 | | 25581 | SG572 | | 24062 |
| SG430 | | 23123 | SG510 | | 25525 | SG573 | | 24062 |
| SG431 | | 23512 | SG511 | | 24166 | SG574 | | 24521 |
| SG432 | | 23098 | SG512 | | 24540 | SG575 | | 25635 |
| SG433 | | 23126 | SG512 | | 24541 | SG576 | | 24583 |
| SG434 | | 21502 | SG513 | | 25558 | SG577 | | 24552 |
| SG435 | | 21503 | SG514 | | 25537 | SG578 | | 25637 |
| SG437 | | 25578 | SG515 | | 25103 | SG579 | | 24291 |
| SG438 | | 24024 | SG516 | | 25137 | SG580 | | 24577 |
| SG438 | | 24075 | SG517 | | 22088 | SG581 | | 24284 |
| SG443 | | 21039 | SG517 | | 22092 | SG582 | | 24283 |
| SG444 | | 21519 | SG518 | | 22094 | SG583 | | 24169 |
| SG444 | | 21537 | SG519 | | 23134 | SG584 | | 24554 |
| SG445 | | 24005 | SG520 | | 25517 | SG585 | | 24537 |
| SG446 | | 23002 | SG521 | | 25520 | SG586 | | 24614 |
| SG446 | | 23105 | SG522 | | 25555 | SG587 | | 24551 |
| SG447 | | 22500 | SG523 | | 25557 | SG588 | | 24101 |
| SG448 | | 22060 | SG524 | | 25634 | SG589 | | 23133 |
| SG451 | | 24542 | SG525 | | 24042 | SG590 | | 24537 |
| SG452 | | 24545 | SG526 | | 24061 | SG591 | | 24554 |
| SG453 | | 25539 | SG527 | | 24603 | SG592 | | 24537 |
| SG454 | | 24626 | SG528 | | 24584 | SG593 | | 24546 |
| SG455 | | 21040 | SG529 | | 21527 | SG594 | | 23518 |
| SG458 | | 23099 | SG530 | | 21507 | SG594 | | 24050 |
| SG459 | | 22524 | SG531 | | 21518 | SG595 | | 24502 |
| SG462 | | 23506 | SG532 | | 21514 | SG596 | | 24537 |
| SG463 | | 23512 | SG533 | | 21516 | SG597 | | 24554 |
| SG466 | | 23088 | SG534 | | 21513 | SG598 | | 24595 |
| SG467 | | 23509 | SG535 | | 21514 | SG599 | | 25053 |
| SG468 | | 23122 | SG536 | | 21514 | SG600 | | 25081 |
| SG470 | | 24554 | SG537 | | 21516 | SG601 | | 22500 |
| SG471 | | 24548 | SG538 | | 24062 | SG602 | | 24569 |
| SG472 | | 21537 | SG539 | | 24118 | SG603 | | 23131 |
| SG473 | | 21040 | SG540 | | 24537 | SG604 | | 23140 |
| SG475 | | 21514 | SG541 | | 24537 | SG605 | | 24102 |
| SG477 | | 21510 | SG542 | | 24548 | SG606 | | 24589 |
| SG478 | | 21543 | SG543 | | 24537 | SG607 | | 24589 |
| SG479 | | 21539 | SG544 | | 24506 | SG608 | | 24599 |
| SG480 | | 22088 | SG546 | | 24504 | SG609 | | 24589 |
| SG481 | | 24637 | SG547 | | 24548 | SG610 | | 24577 |
| SG482 | | 24519 | SG548 | | 24112 | SG611 | | 24577 |
| SG483 | | 24521 | SG549 | | 24092 | SG612 | | 24172 |
| SG484 | | 22516 | SG550 | | 22098 | SG613 | | 24582 |
| SG485 | | 22524 | SG551 | | 22075 | SG614 | | 24546 |
| SG487 | | 21039 | SG552 | | 23513 | SG615 | | 22032 |
| SG488 | | 24599 | SG553 | | 23515 | SG616 | | 24583 |
| SG489 | | 24589 | SG554 | | 24202 | SG617 | | 24583 |
| SG490 | | 24203 | SG555 | | 24581 | SG618 | | 25577 |
| SG492 | | 22503 | SG556 | | 24552 | SG619 | | 24589 |
| SG493 | | 22503 | SG557 | | 24109 | SG620 | | 22032 |
| SG494 | | 24602 | SG558 | | 24050 | SG621 | | 24061 |
| SG496 | | 25129 | SG559 | | 24080 | SG622 | | 24542 |

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|----------------------|-------------|------------|----------------------|-------------|------------|----------------------|-------------|------------|
| SMP (Standard Brand) | | | SMP (Standard Brand) | | | SMP (Standard Brand) | | |
| SG623 | | 24172 | SG684 | | 24563 | SG748 | | 24579 |
| SG624 | | 25568 | SG685 | | 24044 | SG749 | | 21547 |
| SG625 | | 25582 | SG686 | | 25559 | SG750 | | 24564 |
| SG626 | | 25546 | SG687 | | 24105 | SG751 | | 24648 |
| SG627 | | 25546 | SG688 | | 25604 | SG752 | | 24631 |
| SG628 | | 25564 | SG689 | | 24169 | SG753 | | 24564 |
| SG629 | | 25563 | SG690 | | 24618 | SG754 | | 23519 |
| SG630 | | 25563 | SG691 | | 24527 | SG755 | | 23132 |
| SG631 | | 22500 | SG692 | | 23559 | SG756 | | 24657 |
| SG632 | | 24422 | SG693 | | 24547 | SG757 | | 24663 |
| SG633 | | 24425 | SG694 | | 23514 | SG758 | | 24505 |
| SG634 | | 24426 | SG695 | | 23519 | SG759 | | 24594 |
| SG635 | | 24656 | SG696 | | 24563 | SG760 | | 24669 |
| SG636 | | 24203 | SG697 | | 25550 | SG761 | | 24669 |
| SG637 | | 22001 | SG698 | | 23515 | SG762 | | 24669 |
| SG638 | | 24600 | SG699 | | 24201 | SG763 | | 24663 |
| SG639 | | 24194 | SG700 | | 24521 | SG764 | | 24670 |
| SG640 | | 24583 | SG701 | | 25677 | SG765 | | 24280 |
| SG641 | | 24534 | SG702 | | 25545 | SG766 | | 24296 |
| SG642 | | 24542 | SG703 | | 23558 | SG767 | | 24313 |
| SG643 | | 24619 | SG704 | | 21045 | SG768 | | 24564 |
| SG644 | | 23533 | SG705 | | 21042 | SG769 | | 24515 |
| SG645 | | 23106 | SG706 | | 21044 | SG770 | | 24109 |
| SG646 | | 24052 | SG707 | | 21049 | SG771 | | 25653 |
| SG647 | | 22033 | SG708 | | 21049 | SG772 | | 25653 |
| SG647 | | 22034 | SG709 | | 21042 | SG773 | | 21521 |
| SG648 | | 24658 | SG710 | | 24051 | SG774 | | 24561 |
| SG649 | | 24176 | SG711 | | 24614 | SG775 | | 24504 |
| SG650 | | 24581 | SG712 | | 24523 | SG776 | | 24293 |
| SG651 | | 24502 | SG713 | | 24530 | SG777 | | 24657 |
| SG652 | | 24516 | SG714 | | 23520 | SG778 | | 24669 |
| SG653 | | 24557 | SG715 | | 23139 | SG779 | | 24658 |
| SG654 | | 24594 | SG716 | | 23532 | SG780 | | 24554 |
| SG655 | | 24603 | SG717 | | 23141 | SG781 | | 24554 |
| SG656 | | 24548 | SG718 | | 23142 | SG782 | | 24559 |
| SG657 | | 24111 | SG719 | | 23139 | SG783 | | 24553 |
| SG657 | | 24539 | SG720 | | 21048 | SG784 | | 24559 |
| SG658 | | 24542 | SG721 | | 21047 | SG785 | | 24554 |
| SG659 | | 23138 | SG722 | | 22500 | SG786 | | 24554 |
| SG660 | | 22126 | SG723 | | 22056 | SG787 | | 24594 |
| SG661 | | 25504 | SG724 | | 22106 | SG788 | | 24559 |
| SG662 | | 25523 | SG725 | | 22500 | SG789 | | 24568 |
| SG663 | | 23141 | SG726 | | 22060 | SG790 | | 24568 |
| SG664 | | 24594 | SG727 | | 23124 | SG791 | | 24554 |
| SG665 | | 24555 | SG728 | | 23110 | SG792 | | 24548 |
| SG666 | | 25561 | SG729 | | 23142 | SG793 | | 24689 |
| SG667 | | 21529 | SG730 | | 23141 | SG795 | | 24579 |
| SG668 | | 23537 | SG731 | | 23526 | SG796 | | 24554 |
| SG669 | | 24552 | SG732 | | 23131 | SG797 | | 24575 |
| SG670 | | 25643 | SG733 | | 23132 | SG798 | | 24554 |
| SG671 | | 24567 | SG734 | | 23138 | SG799 | | 24554 |
| SG672 | | 24554 | SG735 | | 23152 | SG800 | | 24555 |
| SG673 | | 24656 | SG736 | | 23135 | SG801 | | 24579 |
| SG674 | | 24549 | SG737 | | 23529 | SG802 | | 24594 |
| SG675 | | 24549 | SG738 | | 23140 | SG803 | | 24505 |
| SG676 | | 24603 | SG739 | | 23538 | SG804 | | 24594 |
| SG677 | | 24514 | SG740 | | 23137 | SG805 | | 24553 |
| SG678 | | 24169 | SG741 | | 23556 | SG806 | | 24554 |
| SG679 | | 24010 | SG742 | | 23527 | SG807 | | 24575 |
| SG679 | | 24036 | SG743 | | 23527 | SG808 | | 24504 |
| SG680 | | 25034 | SG744 | | 21535 | SG809 | | 24605 |
| SG681 | | 22033 | SG745 | | 24658 | SG811 | | 24663 |
| SG682 | | 23544 | SG746 | | 21547 | SG812 | | 24669 |
| SG683 | | 24658 | SG747 | | 21547 | SG813 | | 24554 |

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|----------------------|-------------|------------|----------------------|-------------|------------|----------------------|-------------|------------|
| SMP (Standard Brand) | | | SMP (Standard Brand) | | | SMP (Standard Brand) | | |
| SG814 | | 24605 | SG877 | | 23513 | SG941 | | 24585 |
| SG815 | | 24571 | SG878 | | 23549 | SG942 | | 24625 |
| SG816 | | 24571 | SG879 | | 23551 | SG943 | | 24633 |
| SG817 | | 24571 | SG880 | | 21511 | SG944 | | 24585 |
| SG818 | | 24411 | SG881 | | 23513 | SG945 | | 24584 |
| SG819 | | 24295 | SG882 | | 21512 | SG946 | | 24641 |
| SG820 | | 24594 | SG883 | | 21512 | SG947 | | 24039 |
| SG821 | | 24553 | SG884 | | 21512 | SG948 | | 24545 |
| SG821 | | 24555 | SG885 | | 21512 | SG949 | | 24630 |
| SG822 | | 24579 | SG886 | | 25597 | SG950 | | 24545 |
| SG823 | | 24560 | SG887 | | 23525 | SG951 | | 24039 |
| SG824 | | 24554 | SG888 | | 23521 | SG952 | | 24545 |
| SG825 | | 24605 | SG888 | | 23522 | SG953 | | 24641 |
| SG826 | | 24137 | SG889 | | 25621 | SG954 | | 24544 |
| SG827 | | 21514 | SG890 | | 25621 | SG955 | | 24526 |
| SG828 | | 24554 | SG891 | | 24321 | SG956 | | 24526 |
| SG829 | | 24676 | SG892 | | 24419 | SG957 | | 24644 |
| SG830 | | 24669 | SG893 | | 23549 | SG958 | | 24544 |
| SG831 | | 24554 | SG894 | | 24414 | SG959 | | 24645 |
| SG832 | | 24559 | SG895 | | 25604 | SG960 | | 24632 |
| SG833 | | 24554 | SG896 | | 25604 | SG961 | | 24646 |
| SG834 | | 24554 | SG897 | | 24321 | SG962 | | 24644 |
| SG835 | | 24553 | SG898 | | 24112 | SG964 | | 24320 |
| SG836 | | 24670 | SG899 | | 25587 | SG965 | | 24638 |
| SG837 | | 24651 | SG900 | | 24585 | SG966 | | 24640 |
| SG838 | | 24651 | SG901 | | 25604 | SG967 | | 24630 |
| SG839 | | 24554 | SG902 | | 21546 | SG968 | | 24606 |
| SG840 | | 24554 | SG903 | | 25603 | SG969 | | 24572 |
| SG841 | | 24554 | SG904 | | 25598 | SG970 | | 21548 |
| SG842 | | 24559 | SG905 | | 23513 | SG971 | | 24258 |
| SG843 | | 24554 | SG906 | | 24287 | SG971 | | 24647 |
| SG844 | | 24559 | SG907 | | 24631 | SG972 | | 24547 |
| SG845 | | 24554 | SG908 | | 24292 | SG973 | | 24662 |
| SG846 | | 24559 | SG909 | | 24665 | SG974 | | 24549 |
| SG847 | | 24294 | SG910 | | 24660 | SG975 | | 24549 |
| SG848 | | 24656 | SG911 | | 24409 | SG976 | | 24567 |
| SG849 | | 24560 | SG912 | | 24427 | SG977 | | 22519 |
| SG850 | | 24566 | SG913 | | 24422 | SG978 | | 24547 |
| SG851 | | 24657 | SG914 | | 24285 | SG979 | | 24564 |
| SG852 | | 25606 | SG916 | | 24302 | SG980 | | 22506 |
| SG853 | | 24588 | SG917 | | 24284 | SG981 | | 22523 |
| SG854 | | 24037 | SG918 | | 24235 | SG982 | | 22118 |
| SG855 | | 24066 | SG919 | | 24413 | SG983 | | 22114 |
| SG856 | | 25169 | SG920 | | 24665 | SG984 | | 24521 |
| SG857 | | 24588 | SG921 | | 24666 | SG985 | | 22102 |
| SG858 | | 25166 | SG922 | | 24585 | SG986 | | 22116 |
| SG859 | | 25153 | SG923 | | 24668 | SG987 | | 22089 |
| SG860 | | 25151 | SG924 | | 24585 | SG988 | | 22100 |
| SG861 | | 25150 | SG925 | | 24413 | SG989 | | 24643 |
| SG862 | | 25155 | SG926 | | 24302 | SG990 | | 24574 |
| SG863 | | 24035 | SG927 | | 24301 | SG991 | | 24545 |
| SG864 | | 25000 | SG928 | | 24633 | SG992 | | 22090 |
| SG865 | | 25000 | SG929 | | 24546 | SG993 | | 22117 |
| SG866 | | 23130 | SG930 | | 24666 | SG994 | | 22096 |
| SG867 | | 23125 | SG931 | | 24409 | SG995 | | 24661 |
| SG868 | | 23129 | SG932 | | 24647 | SG996 | | 24573 |
| SG869 | | 23144 | SG933 | | 24675 | SG997 | | 22531 |
| SG870 | | 23146 | SG934 | | 24172 | SG998 | | 22528 |
| SG871 | | 23143 | SG935 | | 21555 | SG999 | | 24566 |
| SG872 | | 23133 | SG936 | | 21049 | SG1000 | | 24547 |
| SG873 | | 23513 | SG937 | | 21545 | SG1001 | | 24564 |
| SG874 | | 23513 | SG938 | | 24584 | SG1002 | | 24566 |
| SG875 | | 23525 | SG939 | | 24665 | SG1003 | | 24581 |
| SG876 | | 23551 | SG940 | | 24585 | SG1004 | | 24566 |

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|----------------------|-------------|------------|----------------------|-------------|------------|----------------------|-------------|------------|
| SMP (Standard Brand) | | | SMP (Standard Brand) | | | SMP (Standard Brand) | | |
| SG1005 | | 24550 | SG1067 | | 24288 | SG1131 | | 23549 |
| SG1006 | | 22523 | SG1068 | | 24521 | SG1132 | | 23549 |
| SG1007 | | 24527 | SG1069 | | 21541 | SG1133 | | 23521 |
| SG1008 | | 24619 | SG1070 | | 25593 | SG1134 | | 23523 |
| SG1009 | | 24605 | SG1071 | | 25581 | SG1135 | | 23549 |
| SG1010 | | 24547 | SG1072 | | 25592 | SG1136 | | 23523 |
| SG1011 | | 24605 | SG1073 | | 21531 | SG1137 | | 23521 |
| SG1012 | | 24112 | SG1074 | | 25580 | SG1139 | | 25529 |
| SG1013 | | 24566 | SG1075 | | 25522 | SG1141 | | 25614 |
| SG1014 | | 24649 | SG1076 | | 24307 | SG1142 | | 25617 |
| SG1015 | | 24525 | SG1077 | | 24306 | SG1143 | | 25053 |
| SG1016 | | 24572 | SG1078 | | 22119 | SG1144 | | 25546 |
| SG1017 | | 24525 | SG1079 | | 22098 | SG1145 | | 25616 |
| SG1018 | | 24071 | SG1080 | | 22100 | SG1146 | | 25617 |
| SG1019 | | 24549 | SG1081 | | 22103 | SG1147 | | 25617 |
| SG1020 | | 24565 | SG1082 | | 22514 | SG1148 | | 25616 |
| SG1021 | | 24560 | SG1083 | | 24598 | SG1149 | | 25564 |
| SG1022 | | 24564 | SG1084 | | 22091 | SG1150 | | 25617 |
| SG1023 | | 24521 | SG1085 | | 25156 | SG1151 | | 25617 |
| SG1024 | | 24635 | SG1086 | | 24417 | SG1152 | | 25567 |
| SG1025 | | 24632 | SG1087 | | 24410 | SG1153 | | 25596 |
| SG1026 | | 24566 | SG1088 | | 23145 | SG1154 | | 25568 |
| SG1027 | | 24565 | SG1089 | | 24320 | SG1155 | | 25594 |
| SG1028 | | 24547 | SG1090 | | 21531 | SG1156 | | 25617 |
| SG1029 | | 24566 | SG1091 | | 24312 | SG1157 | | 25563 |
| SG1030 | | 24635 | SG1092 | | 25593 | SG1158 | | 25616 |
| SG1031 | | 24635 | SG1093 | | 25592 | SG1159 | | 25613 |
| SG1032 | | 24521 | SG1094 | | 25592 | SG1160 | | 25599 |
| SG1033 | | 22095 | SG1095 | | 24306 | SG1161 | | 25536 |
| SG1034 | | 22064 | SG1096 | | 25569 | SG1162 | | 21043 |
| SG1035 | | 22104 | SG1097 | | 25592 | SG1163 | | 21538 |
| SG1036 | | 22531 | SG1098 | | 25653 | SG1164 | | 21040 |
| SG1037 | | 22513 | SG1099 | | 22532 | SG1165 | | 22514 |
| SG1038 | | 22513 | SG1100 | | 21512 | SG1166 | | 22099 |
| SG1039 | | 22505 | SG1101 | | 25601 | SG1167 | | 24566 |
| SG1040 | | 25185 | SG1102 | | 21512 | SG1168 | | 24154 |
| SG1041 | | 22097 | SG1103 | | 24674 | SG1169 | | 23518 |
| SG1042 | | 24684 | SG1104 | | 23513 | SG1170 | | 25604 |
| SG1043 | | 22098 | SG1105 | | 25046 | SG1171 | | 25643 |
| SG1044 | | 24076 | SG1106 | | 25542 | SG1172 | | 25621 |
| SG1045 | | 24230 | SG1107 | | 22505 | SG1173 | | 25597 |
| SG1046 | | 22502 | SG1108 | | 25569 | SG1174 | | 24314 |
| SG1047 | | 24577 | SG1109 | | 25013 | SG1175 | | 24317 |
| SG1048 | | 22502 | SG1110 | | 25542 | SG1176 | | 25621 |
| SG1049 | | 22505 | SG1111 | | 25542 | SG1177 | | 25597 |
| SG1050 | | 24097 | SG1112 | | 25609 | SG1178 | | 25605 |
| SG1051 | | 22115 | SG1113 | | 23518 | SG1179 | | 25621 |
| SG1052 | | 22089 | SG1114 | | 23524 | SG1180 | | 24317 |
| SG1053 | | 22097 | SG1115 | | 23551 | SG1181 | | 25644 |
| SG1054 | | 24229 | SG1116 | | 23522 | SG1182 | | 25621 |
| SG1054 | | 24231 | SG1117 | | 23522 | SG1183 | | 25621 |
| SG1055 | | 24092 | SG1118 | | 23518 | SG1184 | | 25622 |
| SG1056 | | 22062 | SG1119 | | 23001 | SG1185 | | 22094 |
| SG1057 | | 22001 | SG1120 | | 23518 | SG1186 | | 24664 |
| SG1057 | | 22093 | SG1121 | | 23001 | SG1187 | | 24659 |
| SG1058 | | 22504 | SG1122 | | 23551 | SG1188 | | 24657 |
| SG1059 | | 24678 | SG1123 | | 23559 | SG1190 | | 24566 |
| SG1060 | | 22001 | SG1124 | | 21511 | SG1191 | | 22027 |
| SG1061 | | 22505 | SG1125 | | 23549 | SG1192 | | 23001 |
| SG1062 | | 22510 | SG1126 | | 24050 | SG1193 | | 25586 |
| SG1063 | | 22532 | SG1127 | | 23524 | SG1194 | | 24063 |
| SG1064 | | 24635 | SG1128 | | 23521 | SG1195 | | 24660 |
| SG1065 | | 24521 | SG1129 | | 23516 | SG1196 | | 24541 |
| SG1066 | | 21549 | SG1130 | | 23523 | SG1197 | | 24656 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|----------------------|-------------|------------|----------------------|-------------|------------|----------------------|-------------|------------|
| SMP (Standard Brand) | | | SMP (Standard Brand) | | | SMP (Standard Brand) | | |
| SG1198 | | 22060 | SG1279 | | 24638 | SG1361 | | 24665 |
| SG1199 | | 24578 | SG1280 | | 24618 | SG1362 | | 24664 |
| SG1200 | | 22501 | SG1281 | | 24618 | SG1363 | | 24242 |
| SG1201 | | 25546 | SG1282 | | 24620 | SG1364 | | 24240 |
| SG1202 | | 25608 | SG1283 | | 24524 | SG1365 | | 24675 |
| SG1203 | | 24603 | SG1284 | | 24527 | SG1366 | | 21516 |
| SG1204 | | 25564 | SG1285 | | 24527 | SG1367 | | 24243 |
| SG1204 | | 25567 | SG1286 | | 24544 | SG1368 | | 24239 |
| SG1205 | | 25564 | SG1287 | | 24526 | SG1369 | | 24239 |
| SG1206 | | 24312 | SG1288 | | 24298 | SG1370 | | 24668 |
| SG1207 | | 22120 | SG1289 | | 24527 | SG1372 | | 24679 |
| SG1208 | | 24321 | SG1290 | | 24618 | SG1374 | | 24662 |
| SG1209 | | 25621 | SG1291 | | 24641 | SG1377 | | 24662 |
| SG1210 | | 25589 | SG1292 | | 24406 | SG1378 | | 24662 |
| SG1211 | | 22101 | SG1293 | | 24400 | SG1379 | | 24320 |
| SG1212 | | 24551 | SG1294 | | 24405 | SG1380 | | 21556 |
| SG1213 | | 25582 | SG1295 | | 23549 | SG1381 | | 23569 |
| SG1218 | | 24502 | SG1296 | | 21525 | SG1382 | | 23026 |
| SG1222 | | 24066 | SG1297 | | 21507 | SG1384 | | 21514 |
| SG1223 | | 25638 | SG1298 | | 21516 | SG1387 | | 23135 |
| SG1224 | | 24529 | SG1299 | | 21514 | SG1388 | | 23137 |
| SG1225 | | 23549 | SG1300 | | 21545 | SG1389 | | 23132 |
| SG1226 | | 23514 | SG1301 | | 21517 | SG1390 | | 23132 |
| SG1227 | | 24538 | SG1302 | | 21514 | SG1391 | | 23527 |
| SG1229 | | 24545 | SG1303 | | 24507 | SG1392 | | 23556 |
| SG1230 | | 25044 | SG1304 | | 24154 | SG1393 | | 23159 |
| SG1232 | | 24065 | SG1305 | | 24591 | SG1394 | | 23158 |
| SG1233 | | 24286 | SG1306 | | 24407 | SG1395 | | 23051 |
| SG1235 | | 24637 | SG1307 | | 24298 | SG1396 | | 23531 |
| SG1236 | | 25595 | SG1308 | | 24421 | SG1397 | | 21512 |
| SG1239 | | 25583 | SG1309 | | 24641 | SG1398 | | 21512 |
| SG1239 | | 25616 | SG1310 | | 24404 | SG1399 | | 23522 |
| SG1240 | | 25546 | SG1311 | | 25597 | SG1401 | | 24298 |
| SG1241 | | 25139 | SG1312 | | 24321 | SG1403 | | 24408 |
| SG1242 | | 24521 | SG1313 | | 25597 | SG1404 | | 24404 |
| SG1243 | | 24238 | SG1314 | | 24290 | SG1405 | | 24401 |
| SG1244 | | 24282 | SG1315 | | 21555 | SG1406 | | 21546 |
| SG1245 | | 24550 | SG1316 | | 24587 | SG1407 | | 21546 |
| SG1246 | | 24681 | SG1317 | | 21053 | SG1408 | | 25157 |
| SG1247 | | 24038 | SG1318 | | 21053 | SG1409 | | 21054 |
| SG1248 | | 24605 | SG1319 | | 24564 | SG1411 | | 22012 |
| SG1249 | | 21002 | SG1320 | | 24298 | SG1412 | | 21044 |
| SG1250 | | 24039 | SG1321 | | 22500 | SG1413 | | 21537 |
| SG1253 | | 23100 | SG1323 | | 25526 | SG1414 | | 21054 |
| SG1256 | | 22521 | SG1329 | | 24592 | SG1415 | | 21516 |
| SG1257 | | 24006 | SG1334 | | 25567 | SG1416 | | 21546 |
| SG1260 | | 24538 | SG1335 | | 24533 | SG1417 | | 24653 |
| SG1261 | | 24007 | SG1336 | | 24527 | SG1418 | | 21509 |
| SG1262 | | 25137 | SG1337 | | 24679 | SG1419 | | 24653 |
| SG1263 | | 24299 | SG1338 | | 22500 | SG1420 | | 25630 |
| SG1264 | | 25650 | SG1342 | | 24566 | SG1421 | | 21547 |
| SG1265 | | 24518 | SG1347 | | 25627 | SG1422 | | 21547 |
| SG1266 | | 22009 | SG1348 | | 24614 | SG1423 | | 24653 |
| SG1267 | | 24649 | SG1349 | | 24614 | SG1424 | | 25154 |
| SG1268 | | 23523 | SG1350 | | 24039 | SG1425 | | 21514 |
| SG1269 | | 25163 | SG1351 | | 25627 | SG1427 | | 21055 |
| SG1270 | | 24619 | SG1352 | | 24079 | SG1431 | | 24677 |
| SG1271 | | 24640 | SG1353 | | 24550 | SG1432 | | 25721 |
| SG1272 | | 24618 | SG1355 | | 24594 | SG1433 | | 24662 |
| SG1274 | | 24634 | SG1356 | | 25627 | SG1434 | | 24662 |
| SG1275 | | 24573 | SG1357 | | 24420 | SG1436 | | 23523 |
| SG1276 | | 24639 | SG1358 | | 23518 | SG1437 | | 23521 |
| SG1277 | | 24528 | SG1359 | | 23522 | SG1438 | | 23551 |
| SG1278 | | 24574 | SG1360 | | 24414 | SG1439 | | 21512 |

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Interchanges / Intercambios



| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|----------------------|-------------|------------|----------------------|-------------|------------|----------------------|-------------|------------|
| SMP (Standard Brand) | | | SMP (Standard Brand) | | | SMP (Standard Brand) | | |
| SG1440 | | 24674 | SG1552 | | 21556 | SG1617 | | 24683 |
| SG1441 | | 23558 | SG1553 | | 25641 | SG1618 | | 24642 |
| SG1443 | | 23522 | SG1554 | | 25622 | SG1619 | | 21044 |
| SG1445 | | 21512 | SG1555 | | 25605 | SG1620 | | 24277 |
| SG1450 | | 24688 | SG1556 | | 25621 | SG1621 | | 21023 |
| SG1451 | | 24535 | SG1557 | | 25621 | SG1622 | | 21563 |
| SG1452 | | 24688 | SG1558 | | 25605 | SG1623 | | 23097 |
| SG1453 | | 23518 | SG1559 | | 24320 | SG1624 | | 23125 |
| SG1454 | | 23522 | SG1560 | | 24316 | SG1625 | | 21546 |
| SG1455 | | 23524 | SG1561 | | 24316 | SG1626 | | 21561 |
| SG1456 | | 23550 | SG1562 | | 24314 | SG1627 | | 21556 |
| SG1457 | | 23518 | SG1563 | | 24321 | SG1628 | | 21558 |
| SG1459 | | 23524 | SG1564 | | 24321 | SG1629 | | 21049 |
| SG1460 | | 23550 | SG1565 | | 24314 | SG1630 | | 21514 |
| SG1466 | | 24650 | SG1566 | | 24321 | SG1631 | | 21546 |
| SG1467 | | 24690 | SG1567 | | 24321 | SG1632 | | 21558 |
| SG1468 | | 24650 | SG1568 | | 24316 | SG1633 | | 21546 |
| SG1469 | | 21511 | SG1569 | | 24314 | SG1634 | | 21043 |
| SG1471 | | 23513 | SG1570 | | 24320 | SG1635 | | 24312 |
| SG1472 | | 24690 | SG1571 | | 24318 | SG1636 | | 24320 |
| SG1475 | | 24236 | SG1572 | | 24317 | SG1637 | | 21546 |
| SG1476 | | 24584 | SG1573 | | 24320 | SG1638 | | 25190 |
| SG1477 | | 24662 | SG1574 | | 24320 | SG1639 | | 21567 |
| SG1478 | | 24662 | SG1575 | | 24321 | SG1640 | | 21565 |
| SG1479 | | 24661 | SG1576 | | 24316 | SG1641 | | 21023 |
| SG1480 | | 21525 | SG1577 | | 24314 | SG1642 | | 24588 |
| SG1492 | | 25610 | SG1578 | | 24321 | SG1644 | | 25069 |
| SG1493 | | 25610 | SG1579 | | 24318 | SG1645 | | 25181 |
| SG1495 | | 24304 | SG1580 | | 24321 | SG1646 | | 25151 |
| SG1496 | | 25176 | SG1581 | | 24314 | SG1647 | | 25155 |
| SG1497 | | 25177 | SG1582 | | 21556 | SG1648 | | 25162 |
| SG1500 | | 25180 | SG1583 | | 24661 | SG1649 | | 25160 |
| SG1502 | | 25178 | SG1584 | | 21507 | SG1650 | | 25160 |
| SG1503 | | 25180 | SG1585 | | 21545 | SG1651 | | 25155 |
| SG1504 | | 25181 | SG1586 | | 23532 | SG1652 | | 25069 |
| SG1505 | | 25151 | SG1587 | | 23533 | SG1653 | | 21023 |
| SG1506 | | 25175 | SG1588 | | 23526 | SG1654 | | 25672 |
| SG1507 | | 25175 | SG1589 | | 23125 | SG1655 | | 25671 |
| SG1508 | | 25158 | SG1590 | | 23069 | SG1656 | | 24687 |
| SG1509 | | 25152 | SG1591 | | 23529 | SG1657 | | 24677 |
| SG1510 | | 25158 | SG1592 | | 24553 | SG1658 | | 24687 |
| SG1511 | | 25158 | SG1593 | | 22125 | SG1659 | | 24644 |
| SG1514 | | 24408 | SG1594 | | 21547 | SG1660 | | 24337 |
| SG1516 | | 24320 | SG1595 | | 24259 | SG1661 | | 25669 |
| SG1517 | | 25569 | SG1596 | | 24255 | SG1662 | | 24234 |
| SG1518 | | 25587 | SG1597 | | 24509 | SG1663 | | 24355 |
| SG1526 | | 21531 | SG1598 | | 24135 | SG1664 | | 22506 |
| SG1528 | | 25592 | SG1599 | | 24558 | SG1665 | | 25673 |
| SG1529 | | 25588 | SG1600 | | 24570 | SG1666 | | 22115 |
| SG1532 | | 25641 | SG1601 | | 21504 | SG1667 | | 22506 |
| SG1533 | | 25605 | SG1602 | | 22007 | SG1668 | | 22118 |
| SG1535 | | 25622 | SG1603 | | 25536 | SG1669 | | 25670 |
| SG1536 | | 24319 | SG1604 | | 23159 | SG1670 | | 24661 |
| SG1537 | | 25649 | SG1605 | | 22007 | SG1671 | | 24594 |
| SG1538 | | 25605 | SG1606 | | 22124 | SG1672 | | 24594 |
| SG1539 | | 25645 | SG1608 | | 21543 | SG1673 | | 24661 |
| SG1540 | | 25645 | SG1609 | | 24515 | SG1674 | | 21514 |
| SG1541 | | 25622 | SG1610 | | 24593 | SG1675 | | 24653 |
| SG1542 | | 25622 | SG1611 | | 24518 | SG1676 | | 21053 |
| SG1543 | | 25605 | SG1612 | | 25189 | SG1677 | | 25670 |
| SG1544 | | 25622 | SG1613 | | 21556 | SG1678 | | 21548 |
| SG1545 | | 21547 | SG1614 | | 21516 | SG1679 | | 23525 |
| SG1548 | | 25605 | SG1615 | | 24316 | SG1680 | | 23519 |
| SG1549 | | 25605 | SG1616 | | 22500 | SG1681 | | 24808 |

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Interchanges / Références

THE SENSOR SPECIALIST

| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|----------------------|-------------|------------|----------------------|-------------|------------|----------------------|-------------|------------|
| SMP (Standard Brand) | | | SMP (Standard Brand) | | | SMP (Standard Brand) | | |
| SG1682 | | 24688 | SG1808 | | 22500 | SG1860 | | 24288 |
| SG1685 | | 23158 | SG1809 | | 22012 | SG1861 | | 24283 |
| SG1686 | | 24688 | SG1810 | | 22501 | SG1861 | | 24584 |
| SG1687 | | 24688 | SG1810 | | 22503 | SG1862 | | 24242 |
| SG1688 | | 24688 | SG1811 | | 22056 | SG1862 | | 24584 |
| SG1689 | | 24535 | SG1811 | | 22500 | SG1863 | | 24656 |
| SG1690 | | 23551 | SG1812 | | 22501 | SG1863 | | 24657 |
| SG1691 | | 23515 | SG1813 | | 22060 | SG1864 | | 24670 |
| SG1692 | | 24244 | SG1814 | | 22060 | SG1865 | | 24669 |
| SG1693 | | 24247 | SG1815 | | 23039 | SG1866 | | 24521 |
| SG1694 | | 24248 | SG1815 | | 23133 | SG1867 | | 24521 |
| SG1695 | | 24588 | SG1816 | | 23048 | SG1868 | | 24589 |
| SG1696 | | 25194 | SG1816 | | 23106 | SG1869 | | 24589 |
| SG1697 | | 25183 | SG1816 | | 23118 | SG1869 | | 24599 |
| SG1698 | | 25196 | SG1817 | | 23006 | SG1870 | | 24066 |
| SG1699 | | 25195 | SG1818 | | 23121 | SG1871 | | 21040 |
| SG1700 | | 25196 | SG1819 | | 23509 | Spectra Premium | | |
| SG1701 | | 25673 | SG1820 | | 23088 | OS5001 | | 25005 |
| SG1702 | | 25646 | SG1821 | | 23097 | OS5002 | | 25627 |
| SG1703 | | 25694 | SG1822 | | 23002 | OS5004 | | 25517 |
| SG1704 | | 25663 | SG1823 | | 23134 | OS5005 | | 25621 |
| SG1705 | | 25569 | SG1824 | | 23131 | OS5005 | | 25705 |
| SG1706 | | 25623 | SG1824 | | 23145 | OS5006 | | 25569 |
| SG1707 | | 25660 | SG1825 | | 21043 | OS5007 | | 23044 |
| SG1708 | | 25646 | SG1826 | | 21044 | OS5008 | | 24321 |
| SG1709 | | 25623 | SG1826 | | 21545 | OS5009 | | 24317 |
| SG1710 | | 25591 | SG1827 | | 21023 | OS5010 | | 25013 |
| SG1711 | | 25630 | SG1829 | | 23007 | OS5011 | | 25031 |
| SG1712 | | 25538 | SG1830 | | 23032 | OS5012 | | 25034 |
| SG1714 | | 24248 | SG1830 | | 23094 | OS5013 | | 25040 |
| SG1715 | | 24452 | SG1831 | | 23007 | OS5014 | | 25041 |
| SG1716 | | 24667 | SG1832 | | 24547 | OS5015 | | 25013 |
| SG1717 | | 25624 | SG1832 | | 24581 | OS5016 | | 25503 |
| SG1718 | | 25646 | SG1834 | | 24584 | OS5017 | | 25524 |
| SG1721 | | 24302 | SG1835 | | 24549 | OS5018 | | 25529 |
| SG1722 | | 24302 | SG1836 | | 24566 | OS5019 | | 25533 |
| SG1723 | | 24255 | SG1837 | | 24537 | OS5020 | | 25549 |
| SG1724 | | 24259 | SG1837 | | 24552 | OS5021 | | 25565 |
| SG1731 | | 21041 | SG1838 | | 24553 | OS5022 | | 25567 |
| SG1732 | | 24313 | SG1838 | | 24554 | OS5023 | | 25581 |
| SG1736 | | 24232 | SG1839 | | 24554 | OS5024 | | 25587 |
| SG1737 | | 24446 | SG1840 | | 24537 | OS5025 | | 25589 |
| SG1739 | | 24446 | SG1841 | | 24689 | OS5026 | | 25604 |
| SG1742 | | 24414 | SG1842 | | 24555 | OS5027 | | 25604 |
| SG1743 | | 24259 | SG1843 | | 24567 | OS5027 | | 25605 |
| SG1744 | | 24416 | SG1844 | | 24540 | OS5027 | | 25622 |
| SG1746 | | 24169 | SG1844 | | 24541 | OS5027 | | 25728 |
| SG1747 | | 24694 | SG1845 | | 24665 | OS5028 | | 25623 |
| SG1748 | | 24254 | SG1845 | | 24666 | OS5029 | | 25646 |
| SG1753 | | 24661 | SG1846 | | 24172 | OS5030 | | 25689 |
| SG1754 | | 24662 | SG1847 | | 24413 | OS5030 | | 25728 |
| SG1755 | | 24237 | SG1848 | | 24675 | OS5032 | | 24523 |
| SG1756 | | 25629 | SG1849 | | 23159 | OS5037 | | 22500 |
| SG1800 | | 22060 | SG1850 | | 23158 | OS5038 | | 22060 |
| SG1800 | | 22113 | SG1851 | | 23537 | OS5039 | | 22009 |
| SG1801 | | 22009 | SG1852 | | 23132 | OS5039 | | 22503 |
| SG1801 | | 22503 | SG1853 | | 23125 | OS5040 | | 22118 |
| SG1802 | | 22500 | SG1854 | | 23533 | OS5041 | | 22524 |
| SG1803 | | 22500 | SG1855 | | 21546 | OS5042 | | 21539 |
| SG1804 | | 22016 | SG1856 | | 21516 | OS5043 | | 21002 |
| SG1805 | | 22106 | SG1857 | | 21546 | OS5044 | | 21006 |
| SG1805 | | 22501 | SG1858 | | 24664 | OS5045 | | 21546 |
| SG1806 | | 22500 | SG1859 | | 24282 | OS5046 | | 21528 |
| SG1807 | | 22500 | SG1859 | | 24287 | OS5047 | | 21516 |

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| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|--------------|-----------------|------------|--------------|-----------------|------------|--------------|-----------------|------------|
| | Spectra Premium | | | Spectra Premium | | | Spectra Premium | |
| OS5048 | | 21553 | OS5111 | | 24554 | OS5171 | | 24630 |
| OS5049 | | 21543 | OS5112 | | 24044 | OS5172 | | 24643 |
| OS5050 | | 24626 | OS5113 | | 24595 | OS5173 | | 24648 |
| OS5051 | | 21517 | OS5114 | | 24669 | OS5174 | | 24651 |
| OS5052 | | 21039 | OS5115 | | 24547 | OS5174 | | 24848 |
| OS5053 | | 21519 | OS5116 | | 24594 | OS5175 | | 25576 |
| OS5054 | | 23502 | OS5117 | | 24508 | OS5176 | | 22501 |
| OS5055 | | 21537 | OS5118 | | 24656 | OS5177 | | 22010 |
| OS5056 | | 21549 | OS5118 | | 24657 | OS5178 | | 22013 |
| OS5057 | | 21040 | OS5119 | | 24807 | OS5179 | | 22088 |
| OS5058 | | 21049 | OS5120 | | 24605 | OS5180 | | 22092 |
| OS5059 | | 21513 | OS5121 | | 24537 | OS5181 | | 22532 |
| OS5060 | | 21550 | OS5122 | | 24105 | OS5182 | | 24588 |
| OS5061 | | 21004 | OS5123 | | 24105 | OS5183 | | 24600 |
| OS5062 | | 21054 | OS5124 | | 24505 | OS5184 | | 24583 |
| OS5063 | | 21538 | OS5125 | | 24111 | OS5185 | | 25606 |
| OS5064 | | 21039 | OS5126 | | 24536 | OS5186 | | 24521 |
| OS5065 | | 21043 | OS5127 | | 24658 | OS5186 | | 24525 |
| OS5066 | | 24313 | OS5127 | | 24822 | OS5187 | | 24572 |
| OS5067 | | 21510 | OS5129 | | 24511 | OS5188 | | 24578 |
| OS5068 | | 21548 | OS5130 | | 21547 | OS5189 | | 24644 |
| OS5069 | | 21507 | OS5130 | | 24806 | OS5190 | | 25572 |
| OS5070 | | 23506 | OS5131 | | 22000 | OS5191 | | 24320 |
| OS5071 | | 23023 | OS5132 | | 22009 | OS5192 | | 24619 |
| OS5072 | | 23133 | OS5133 | | 22012 | OS5193 | | 24024 |
| OS5073 | | 23135 | OS5134 | | 22014 | OS5194 | | 24598 |
| OS5074 | | 23126 | OS5135 | | 22016 | OS5195 | | 24545 |
| OS5075 | | 23014 | OS5135 | | 22503 | OS5196 | | 24527 |
| OS5076 | | 23041 | OS5136 | | 22045 | OS5197 | | 24520 |
| OS5077 | | 23099 | OS5137 | | 22056 | OS5198 | | 21043 |
| OS5078 | | 23139 | OS5138 | | 22071 | OS5199 | | 21044 |
| OS5079 | | 23119 | OS5139 | | 22074 | OS5201 | | 21048 |
| OS5080 | | 23016 | OS5140 | | 22089 | OS5202 | | 21053 |
| OS5081 | | 23151 | OS5141 | | 22098 | OS5203 | | 21504 |
| OS5082 | | 23114 | OS5142 | | 22113 | OS5204 | | 21508 |
| OS5083 | | 23121 | OS5143 | | 22534 | OS5205 | | 21048 |
| OS5084 | | 23518 | OS5144 | | 23552 | OS5205 | | 21514 |
| OS5085 | | 23549 | OS5145 | | 24043 | OS5206 | | 21524 |
| OS5086 | | 23128 | OS5146 | | 24519 | OS5207 | | 21527 |
| OS5087 | | 23048 | OS5147 | | 24521 | OS5208 | | 21536 |
| OS5088 | | 23522 | OS5148 | | 24589 | OS5209 | | 21544 |
| OS5089 | | 23159 | OS5149 | | 24591 | OS5210 | | 21048 |
| OS5090 | | 23132 | OS5150 | | 24593 | OS5211 | | 24059 |
| OS5091 | | 21512 | OS5151 | | 25000 | OS5212 | | 24296 |
| OS5092 | | 23158 | OS5152 | | 25151 | OS5213 | | 24302 |
| OS5093 | | 23551 | OS5153 | | 25155 | OS5214 | | 24510 |
| OS5094 | | 23511 | OS5154 | | 25156 | OS5215 | | 24551 |
| OS5095 | | 23008 | OS5155 | | 21511 | OS5216 | | 24564 |
| OS5096 | | 23553 | OS5156 | | 22103 | OS5216 | | 24811 |
| OS5097 | | 23134 | OS5157 | | 22528 | OS5217 | | 24579 |
| OS5098 | | 24542 | OS5158 | | 23516 | OS5218 | | 24653 |
| OS5099 | | 24169 | OS5159 | | 23521 | OS5220 | | 23001 |
| OS5100 | | 24033 | OS5160 | | 23524 | OS5221 | | 23002 |
| OS5101 | | 24042 | OS5161 | | 24003 | OS5222 | | 23005 |
| OS5102 | | 24655 | OS5161 | | 24062 | OS5223 | | 23006 |
| OS5103 | | 24603 | OS5162 | | 24278 | OS5224 | | 23007 |
| OS5104 | | 24665 | OS5163 | | 24281 | OS5225 | | 23025 |
| OS5104 | | 24666 | OS5164 | | 24298 | OS5226 | | 23036 |
| OS5105 | | 24546 | OS5165 | | 24407 | OS5227 | | 23039 |
| OS5106 | | 24647 | OS5166 | | 24543 | OS5228 | | 23047 |
| OS5108 | | 24548 | OS5167 | | 24544 | OS5229 | | 23088 |
| OS5109 | | 24657 | OS5168 | | 24573 | OS5230 | | 23093 |
| OS5109 | | 25697 | OS5169 | | 24574 | OS5231 | | 23094 |
| OS5110 | | 24560 | OS5170 | | 24617 | OS5232 | | 23097 |

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Interchanges / Références

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|-----------------|-------------|------------|-----------------|-------------|------------|-----------------|-------------|------------|
| Spectra Premium | | | Spectra Premium | | | Spectra Premium | | |
| OS5233 | | 23098 | OS5299 | | 21502 | OS5361 | | 22090 |
| OS5234 | | 23100 | OS5300 | | 24559 | OS5362 | | 22093 |
| OS5235 | | 23102 | OS5301 | | 24502 | OS5363 | | 22094 |
| OS5236 | | 23105 | OS5302 | | 24664 | OS5364 | | 22099 |
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| OS5249 | | 23160 | OS5315 | | 24827 | OS5377 | | 23501 |
| OS5250 | | 23513 | OS5316 | | 23146 | OS5378 | | 23517 |
| OS5251 | | 23523 | OS5317 | | 23525 | OS5379 | | 24005 |
| OS5252 | | 23526 | OS5318 | | 24514 | OS5380 | | 24006 |
| OS5253 | | 23527 | OS5319 | | 21541 | OS5381 | | 24023 |
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580 NOTA: El cruce de referencias servirá únicamente como guía. Las diferencias en diseño, materiales y los productos utilizados para su elaboración pueden variar dependiendo del fabricante. Para obtener la aplicación correcta de su vehículo, por favor referirse a la sección correspondiente dentro de esta guía.



| Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # | Competitor # | NTK Stock # | NTK Part # |
|-----------------|-------------|------------|-----------------|-------------|------------|--------------|-------------|------------|
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| OS5433 | | 25598 | OS5521 | | 24411 | | | |
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| OS5458 | | 24232 | OS5542 | | 25657 | | | |
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| OS5461 | | 21556 | OS5546 | | 24456 | | | |
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| OS5483 | | 24235 | OS5569 | | 22134 | | | |
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| OS5485 | | 21559 | OS5574 | | 24266 | | | |
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| OS5516 | | 21558 | OS5604 | | 23070 | | | |
| OS5517 | | 25676 | | | | | | |

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REMARQUE: Les références sont fournies en GUIDE UNIQUEMENT. En raison des différences de conception et de matériaux, des produits fabriqués par différents fabricants peuvent avoir des spécifications différentes. Veuillez vous référer au guide d'application spécifique pour l'utilisation correcte.



Oxygen Sensor History

Gasoline combustion engines are one of the leading causes of air pollution in the world. As a result, government legislation has enacted regulation in many parts of the world to reduce vehicle emissions and increase fuel efficiency. One of the most important components in emissions control is the oxygen sensor.

In order for an engine to perform with the lowest emissions achievable, the air-fuel ratio must be kept as close as possible to a specific point known as the Stoichiometric Point. This air-fuel ratio of 14.7 parts air, to 1 part fuel (14.7:1) provides the most complete combustion of the air-fuel mix resulting in the least amount of harmful gas emissions including hydrocarbons (HC) and carbon monoxide (CO). To provide the tightest control as possible, modern automotive engines require the use of oxygen sensors. While there are several types of oxygen sensors, the task is the same. Keep the air fuel ratio as close to Stoichiometric as possible.

The first oxygen sensors were simple switching type sensors. Depending on the presence of or absence of oxygen, the sensor would produce either a high or low voltage. Originally, oxygen sensors were unheated, case grounded designs that had a slower light off time or time it takes to become operational. A switching oxygen sensor will not function below 350°C (650°F). As emissions regulations became stricter; faster, heated sensors became the preferred design.

Most vehicles produced today will either feature 4-wire heated switching sensors, 4-wire AFR (Air-Fuel Ratio) sensors, or 5-wire wideband sensors. Both the AFR and wideband type sensors can provide a specific air fuel ratio to the ECU to provide even tighter control of air-fuel ratio.

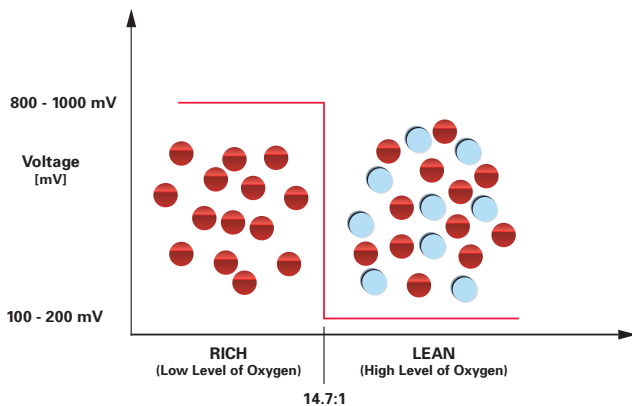
As emission controls on all engines become stricter, we will begin to see oxygen sensors used on more than just automotive engines. There are presently some motorcycle and marine engines that use oxygen sensors.

Oxygen Sensor Types

Zirconia (switching)

As previously discussed, the first oxygen sensors could send either a high or low voltage signal to the ECU. The ECU uses this signal to determine whether to strengthen or weaken the fuel mixture in an effort to achieve the optimum air-fuel ratio of 14.7:1 (Stoichiometric Point). Zirconia sensors can be checked on the vehicle using OBDII scan equipment or an oscilloscope. When checking sensor performance with an OBDII scan tool or oscilloscope, a properly functioning upstream or pre-catalyst sensor should show a rapid high to low voltage sweep. Voltage on a properly functioning downstream or post-catalyst sensor in a vehicle with a functioning three-way catalyst should remain relatively flat. Heater resistance can be checked on or off the vehicle using a multi-meter tool.

Output Voltage vs. AFR



- If air-fuel ratio is **LESS** than 14.7:1, the fuel mix is **RICH**. There will be **LOW** amounts of oxygen in the exhaust stream. The oxygen sensor will send a **HIGH (0.9-1v)** voltage to the **ECU**.
- If air-fuel ratio is **MORE** than 14.7:1, the fuel mix is **LEAN**. There will be **HIGH** amounts of oxygen in the exhaust stream. The oxygen sensor will send a **LOW (0-0.1v)** voltage to the **ECU**.

Oxygen Sensor Types Continued

Titania

Another type of oxygen sensor is the Titania type. This sensor type requires a voltage to operate rather than producing a voltage. Air-fuel ratio is controlled by a changing resistance from rich to lean. It is important to note that Titania and Zirconia oxygen sensors are not interchangeable.

AFR Sensors (4-Wire)

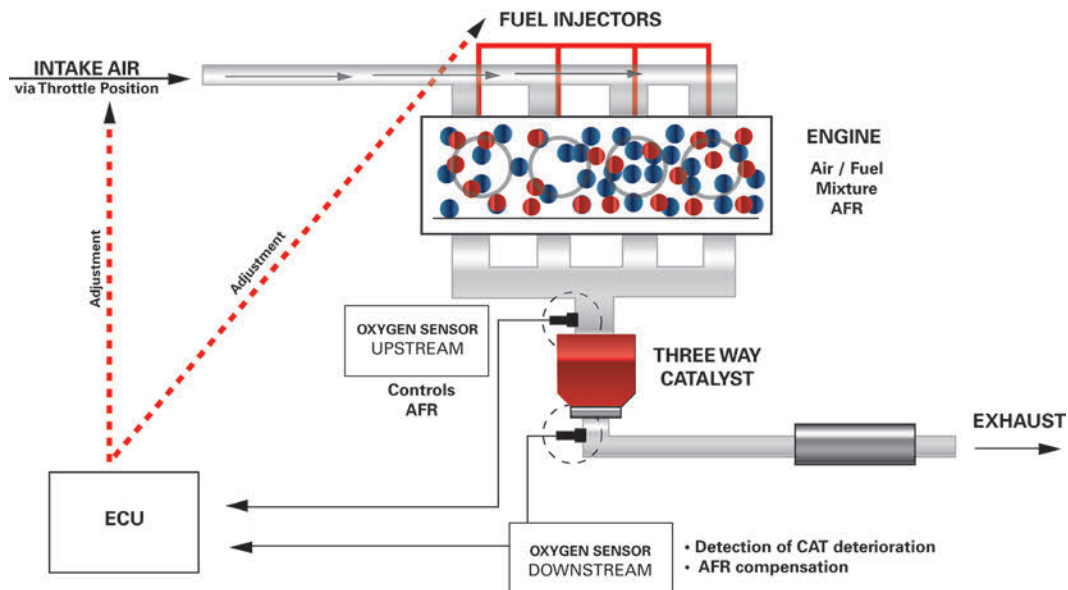
Similar in appearance to but not interchangeable with Zirconia (switching) sensors, AFR sensors use a limiting current to measure air-fuel ratio. The current (amperage) produced is relative to how rich or how lean the oxygen content in the exhaust gas is. An AFR sensor will either produce a positive or negative current flow based on air-fuel ratio. Because of their ability to more precisely control air-fuel ratio, AFR type sensors have gained popularity with some vehicle manufacturers. AFR sensors should only be tested on the vehicle using OBDII compatible test equipment to check for sensor current output. In comparison to a 4-wire Zirconia oxygen sensor, a properly functioning AFR sensor should not exhibit rapid switching from high to low voltage but rather keep a closer voltage output line near 3.3v in a properly tuned engine.

- At a **RICH** mixture, a **NEGATIVE** current is produced. The voltage signal will be **BELOW** 3.3 volts.
- At a **LEAN** mixture, a **POSITIVE** current is produced. The voltage signal will be **ABOVE** 3.3 volts.
- At the **STOICHIOMETRIC POINT**, **NO** current is produced. The voltage signal will be **EXACTLY** 3.3 volts.
- Operates at a higher temperature than switching type sensors, 650°C (1200°F).

Wideband Sensors (5-Wire)

To aid in both emissions control and engine tuning, the 5-wire wideband oxygen sensor has gained popularity in both OEM and racing applications due to its precise reading of air-fuel ratio. The wideband oxygen sensor uses a multi-chamber planar element to detect a precise air-fuel ratio. The sensor generates pumping currents that reflect the changes of voltages representative of oxygen levels in the reference and test chambers of the sensor. Wideband sensors utilize a pumping cell that produces its own reference air (oxygen) to maintain a constant 450mV output from the reference cell. Wideband sensors require an application specific chip installed in the ECU to operate and thus cannot replace other types of oxygen sensors.

- Monitors Air-Fuel ratio to the highest degree of accuracy.
- Provides most precise control of air-fuel ratio.
- True linear relationship between voltage and air-fuel ratio.

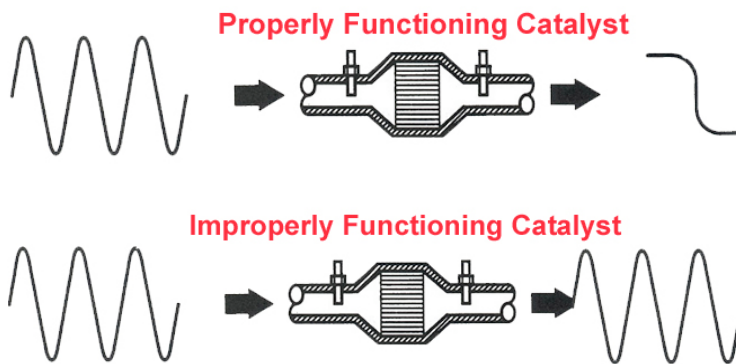


OBD and OBDII

The oxygen sensor works in conjunction with other vehicle components including the ECU, fuel injectors, and three-way catalyst or catalytic converter. When all components are working together, this is known as closed loop operation. During closed loop operation, the oxygen sensor is communicating with the ECU whether the engine is running rich or lean. The ECU then tells the fuel injectors to strengthen or weaken the fuel mix.

In the event of a system malfunction, on an OBD (On Board Diagnostics) equipped vehicle, the MIL (Malfunction Indicator Lamp) or check engine light may illuminate to warn the driver of a possible problem with the emission control system.

North American vehicles model year 1996 and newer are OBDII compliant. In OBDII, an additional sensor is installed downstream of the three-way catalyst to monitor its function as well as in some advanced systems control fuel trim. In the event of MIL illumination on OBDII equipped vehicles, a diagnostic trouble code or DTC will be stored and retrievable with professional diagnostic equipment.



On a properly functioning catalyst, the rear or “catalyst monitoring” oxygen sensor will switch very slowly.

As catalyst degrades, the “catalyst monitoring” oxygen sensor begins to switch much faster – note waveform (switching output) similar to upstream sensor.

Maintenance and Replacement

Oxygen sensors are subjected to extreme conditions even under normal operating conditions. Harmful contaminants that may be present in the vehicle’s exhaust can significantly reduce the life span of an oxygen sensor. As a sensor ages, response times may slow, eventually leading to a sensor that falls below an acceptable threshold of performance. Vehicles equipped with OBDII are designed to detect response times and performance of the oxygen sensor and illuminate the MIL or check engine light in the event of a failing sensor.

Certain conditions such as coolant leaks from worn intake or cylinder head gaskets, or burning oil because of worn piston rings may allow more contaminants into the exhaust flow. These contaminants can more quickly deteriorate the oxygen sensors’ performance, essentially poisoning the sensor. The root cause of the sensor poisoning should be corrected in addition to replacing the poisoned sensor.

Under extremely rich conditions or in the event of prolonged misfire, it is possible for unburned fuel to enter the exhaust stream. The liquid fuel can crack the heated sensor element causing immediate sensor failure. This is known as thermal shock. In the event of a cracked sensor element, the sensor must be replaced.

An illuminated check engine light cannot be ignored. A worn or failing oxygen sensor will lead to:

- Increased fuel consumption
- Increased harmful pollution emissions
- Reduced engine performance
- Increased wear to the three-way catalyst
- Failed state or local emissions testing

Keeping your vehicle properly tuned and replacing worn oxygen sensors just makes sense. Ignoring this important maintenance item can cost much more in the long run.

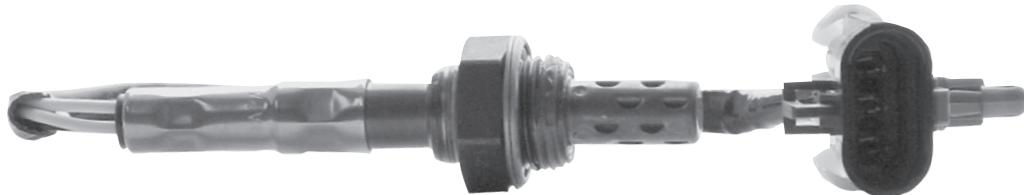
Single Wire - One wire carries the sensor signal while ground return is achieved through the vehicle body. Also referred to as an EGO Sensor. (Exhaust Gas Oxygen Sensor).



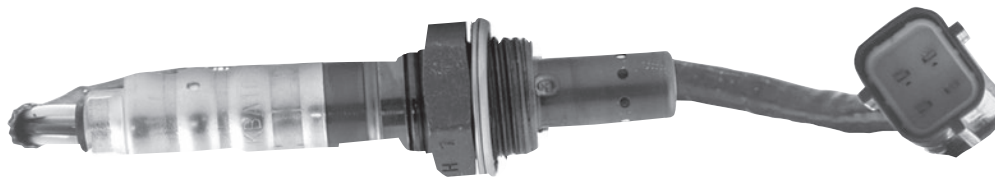
Two Wires - One wire is the sensor signal and the other is the sensor signal ground. Also referred to as an ISO-EGO Sensor (Isolated Exhaust Gas Oxygen Sensor). Both sensor signal wires are directly connected to one of the platinum electrodes on the ceramic element. The sensor output is immune to ground loop voltages and also to large resistances in the vehicle ground return, caused by corroded connections. There are also case grounded sensors that have the ground wire physically attached to the sensor body required for certain applications. It is not recommended to replace isolated ground sensors with case ground types.



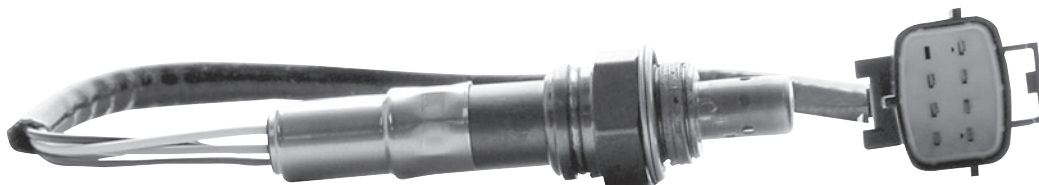
Three Wires - One wire carries the signal and two wires are used to supply a voltage to the internal heater. Signal ground return is achieved through the vehicle body. Also referred to as a HEGO Sensor (Heated Exhaust Gas Oxygen Sensor).



Four Wires - One wire is the sensor signal, one is the isolated sensor signal ground and the remaining two are used to supply a voltage to the internal heater. Also referred to as an ISO - HEGO Sensor (Isolated Heated Exhaust Gas Oxygen Sensor).



Five Wires - UEGO (Universal A/F Heated Exhaust Gas Oxygen Sensor) Wide-band heated oxygen that expands upon the 'planar' design of most four wire sensors, actually measuring the Air/Fuel ratio. Instead of switching back & forth like conventional sensors, the wide-band O₂ sensor detects a wide range of air to fuel ratio & produces an output signal directly proportional to the A/F ratio. This advanced sensor is free of reference air, has a much higher accuracy and offers precise & tighter control within the stoichiometric point for lean-burn applications.



Historia del Sensor de Oxígeno

Los motores de combustión a gasolina son una de las principales causas de la contaminación atmosférica en el mundo. Como resultado, la legislación gubernamental ha promulgado reglamentos en muchas partes del mundo para reducir las emisiones de los vehículos y aumentar el rendimiento del combustible. Uno de los componentes más importantes en el control de emisiones es el Sensor de Oxígeno.

Con el fin de que un motor pueda cumplir con las más bajas emisiones alcanzables, la mezcla de aire-combustible debe mantenerse lo más cerca posible a un punto específico conocido como Punto Estequiométrico. Esta mezcla se compone de 14.7 partes de aire por 1 parte de combustible (14.7:1) al proveer una mezcla más completa de aire-combustible la mezcla resulta con una menor cantidad de gases nocivos incluyendo hidrocarburos (HC) y monóxido de carbono (CO).

Para proveer un control más óptimo como sea posible, los motores de los autos modernos requieren el uso de Sensores de Oxígeno.

Existe muchos tipos de Sensores de Oxígeno, pero el fin es el mismo, mantener la mezcla aire-combustible tan cerca del Punto Estequiométrico como sea posible.

Los primeros Sensores de Oxígeno eran simples sensores binarios. Dependiendo de la presencia o ausencia de oxígeno, el sensor produciría un alto o bajo voltaje. Originalmente, los Sensores de Oxígeno no tenían su propio pre-calentador, caso de los diseños a tierra que tomaban un tiempo para poder operar. Un Sensor de Oxígeno binario no funcionará por debajo de los 350°C (650°F). Como las regulaciones de emisiones contaminantes se convirtieron más estrictas, los Sensores de Oxígeno de calentamiento rápido, pasaron a ser el diseño preferido.

La mayoría de los vehículos producidos hoy en día, cuentan con sensores binarios de 4 cables con pre-calentador, sensores de 4 Cables AFR (Mezcla Aire-Combustible), o sensores de 5 cables de banda ancha. Tanto el sensor AFR y el de banda ancha pueden proporcionar una mezcla de aire-combustible específica a la ECU (Computadora) para ofrecer un mayor control de esta.

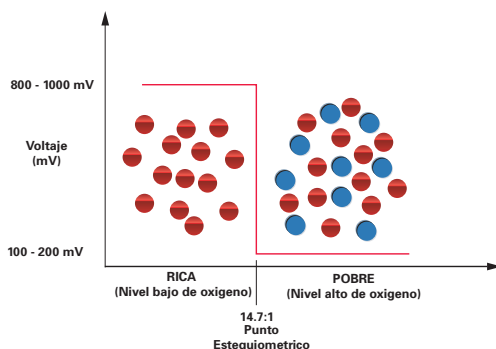
Como el control de emisiones en todos los motores se ha vuelto más estricto, comenzaremos a ver Sensores de Oxígeno utilizados en más tipos de motores que solo automotrices. Actualmente los Sensores de Oxígeno están presentes en motocicletas y motores marinos.

Tipos de Sensores de Oxígeno

Zirconia (Binario)

Como se explico en el párrafo anterior, la primera generación de Sensores de Oxígeno podía enviar una señal de alto o bajo voltaje a la ECU. La ECU utiliza esta señal para determinar, fortalecer o debilitar la mezcla de combustible en un esfuerzo por lograr la mejor mezcla aire-combustible buscando aproximarse a 14.7:1 (Punto Estequiométrico). Los sensores de zirconia pueden probarse en el vehículo utilizando un scanner para OBD II o un osciloscopio. Cuando se realiza la comprobación del rendimiento del sensor con un scanner para OBD II o un osciloscopio, el sensor delantero o antes de catalizador que funciona adecuadamente debe mostrar una rápida respuesta al alto y bajo voltaje. El voltaje en un sensor trasero o después del catalizador que funcione correctamente en un vehículo con un catalizador de tres vías debe permanecer relativamente plana. La resistencia del calentador se puede comprobar dentro o fuera del vehículo utilizando un multímetro.

Voltaje de Salida vs Mezcla Aire-Combustible



- Si la mezcla de aire-combustible es MENOR a 14.7:1, la mezcla de combustible es RICA. Habrá bajas cantidades de oxígeno en los gases de escape. El Sensor de Oxígeno enviará una señal de alto voltaje (0.9 - 1 V) a la ECU.
- Si la mezcla aire-combustible es MAYOR a 14.7:1, la mezcla de combustible es POBRE. Habrá altas cantidades de oxígeno en los gases de escape. El Sensor de Oxígeno enviará una señal de bajo voltaje (0 - 0.1 V) a la ECU.

Tipos de Sensores de Oxígeno

Titanio

Otro tipo de Sensor de Oxígeno es el de Titanio. Este tipo de sensor requiere de voltaje para operar en lugar de producir voltaje. La mezcla Aire-combustible es controlada por una resistencia cambiando de RICA a POBRE. Es importante señalar que los sensores de Titanio y los sensores de Zirconia no son intercambiables.

Sensor AFR (4 - Cables)

Una apariencia similar pero no son intercambiables con los sensores de Zirconia (Binario), El sensor AFR utilizan una limitación de corriente para medir la mezcla aire-combustible. La corriente (amperaje) producida es relativa a que tan RICO o POBRE es el contenido de oxígeno en los gases de escape. Un sensor AFR produce una corriente positiva o negativa en base a la mezcla de aire-combustible. Debido a su capacidad de controlar con mayor precisión la mezcla de aire-combustible, este tipo de sensor AFR ha ganado popularidad con algunos fabricantes de automóviles. El sensor AFR sólo debería ser evaluada en el vehículo utilizando el equipo de prueba para OBD II compatible para verificar si existe corriente de salida del sensor. En comparación con un sensor de oxígeno de Zirconia de 4 - cables, el buen funcionamiento del sensor de AFR no debe dar una rápida respuesta de alto a bajo voltaje, sino más bien mantener una línea de voltaje de salida más cerca a 3.3 Volts en un motor afinado correctamente.

- En una mezcla **RICA**, se produce una corriente **NEGATIVA**. La señal de voltaje será **MENOR** a 3.3 volts.
- En una mezcla **POBRE**, se produce una corriente **POSITIVA**. La señal de voltaje será **MAYOR** a 3.3 volts.
- En el **PUNTO ESTEQUIOMETRICO**, **NO** se produce corriente. La señal de voltaje será **EXACTAMENTE** 3.3 volts.
- Opera a una temperatura superior al sensor tipo binario, 650°C (1200°F).

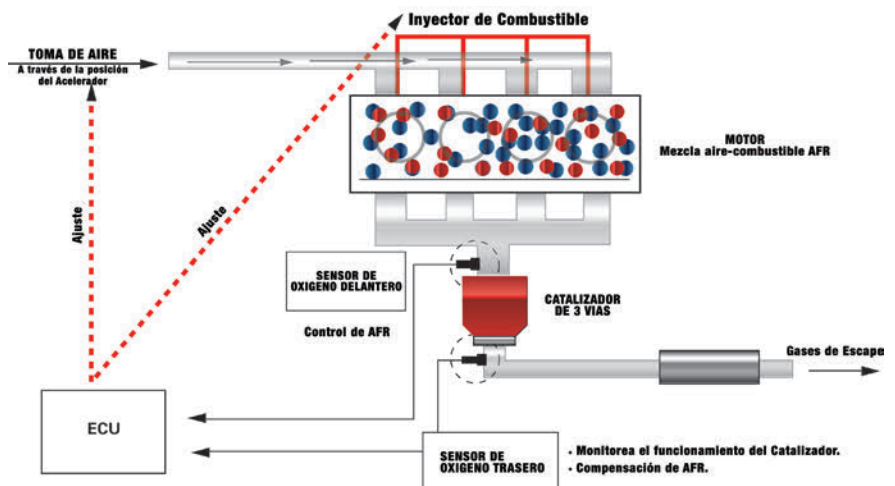
Sensor de Banda Ancha (5 – Cables)

Para ayudar a controlar las emisiones y la optimización del motor, el sensor de 5 - cables de banda ancha, ha ganado popularidad en OEM y aplicaciones para carreras, debido a su precisa lectura de la mezcla aire-combustible. El Sensor de Oxígeno de banda ancha utiliza un elemento plano de cámaras múltiples para detectar una mezcla precisa de aire-combustible. El sensor genera impulsos de corriente que reflejan los cambios de voltaje representativos por los niveles de oxígeno en referencia y pruebas de la cámara del sensor. El sensor de banda ancha utiliza celdas de impulso que producen su propia referencia de aire (oxígeno) para mantener una constante de 450 mV de salida de la celda de referencia.

- Monitorea la mezcla de aire-combustible con el más alto grado de precisión.
- Proporciona un control preciso de la mezcla aire-combustible.
- Verdadera relación lineal entre voltaje y mezcla aire-combustible.

OBD y OBDII

El Sensor de Oxígeno trabaja en conjunto con otros componentes del vehículo incluyendo la ECU, los inyectores de combustible, y el catalizador de tres vías o convertidor catalítico. Cuando todos los componentes están trabajando en conjunto, esto es conocido como circuito cerrado. Durante la operación de un circuito cerrado, el sensor de oxígeno le comunica a la ECU, si el motor esta trabajando con una mezcla RICA o POBRE. La computadora le indica a los inyectores si es necesario enriquecer o empobrecer la mezcla de aire-combustible.

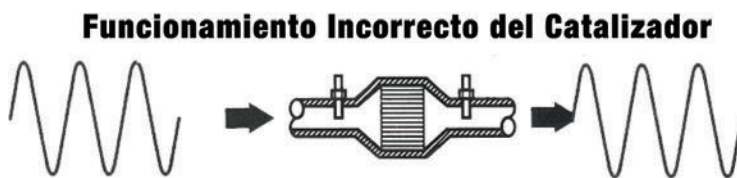


En el caso de un mal funcionamiento en un vehículo equipado con OBD (Diagnóstico a Bordo), el MIL (Lámpara Indicadora de mal funcionamiento) o el foco de revisión de motor se iluminara para advertir al conductor de un posible problema con el sistema de control de emisiones.

En Norte América los vehículos modelo 1996 y posteriores son OBD II. En OBD II, un sensor adicional está instalado después del catalizador de tres vías para monitorear su buen funcionamiento, así como en algunos sistemas avanzados el control del reajuste de combustible. En el caso de que un vehículo equipado con OBD II se encienda el MIL y se diagnostique código de error o DTC se almacenara y podrá ser recuperado con un equipo profesional de diagnóstico.



Catalizador en buen Funcionamiento El Sensor de Oxígeno trasero o “vigilante del catalizador” su remplazo será muy lento.



Catalizador en mal Estado El Sensor de Oxígeno “vigilante del catalizador” comienza a cambiar mucho más rápido – nota La onda (señal de salida) es similar a un sensor delantero.

Mantenimiento y Reemplazo

Los Sensores de Oxígeno son sometidos a condiciones extremas de operación incluso en condiciones normales de funcionamiento. Los contaminantes nocivos que pueden estar presentes en los gases de escape del vehículo, pueden reducir significativamente la vida útil de un Sensor de Oxígeno. Un sensor ya gastado, su tiempo de respuesta puede disminuir, llevándolo a estar por debajo de un rendimiento aceptable. Los vehículos equipados con OBD II están diseñados para detectar el tiempo de respuesta y el rendimiento del Sensor de Oxígeno y se enciende el MIL o la luz de revisión de motor en el caso de una falla del sensor.

Ciertas condiciones tales como fugas de anticongelante por desgaste de juntas de las cabezas de los cilindros, aceite quemado por el desgaste de los añillos del pisto, permiten el paso de más contaminantes en los gases de escape. Estos contaminantes pueden acelerar el deterioro del funcionamiento de los Sensores de Oxígeno, esencialmente contaminan al sensor. La causa que provoca la contaminación del sensor debe ser corregida, así mismo el sensor contaminado debe de sustituirse.

En condiciones extremas de mezcla rica o fallas de encendido por tiempo prolongado es posible que el combustible no quemado entre en el sistema de escape. El combustible no quemado daña el elemento del sensor provocando una falla inmediata. Esto se conoce como choque térmico. En este caso el sensor debe ser reemplazado.

La señal de revisión de motor no puede ignorarse. Un Sensor de Oxígeno gastado o defectuoso provocara:

- Aumento en el consumo de combustible.
- Aumento de emisiones contaminantes.
- Reducción en el desempeño del motor.
- Mayor desgaste del catalizador de tres vías.
- No pasa las pruebas de emisión de contaminantes locales.

Manteniendo el motor de su vehículo afinado y sustituyendo los sensores de oxígeno gastados al tiempo le dará un mejor beneficio. Ignorar estos mantenimientos de su unidad, puede costar mucho más a largo plazo.

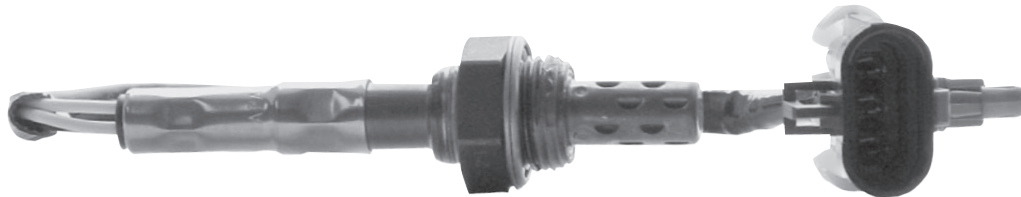
Sensor de 1 Cable – El cable es el que transmite la señal, mientras que la tierra es a través del cuerpo del sensor. También se conoce como sensor EGO. (Sensor de Oxígeno para gases de escape).



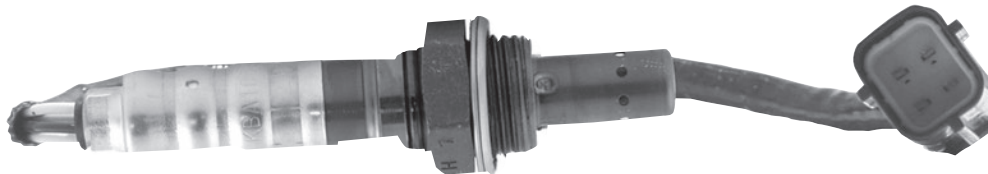
Sensor de 2 Cables - Un cable es de señal y el otro es de tierra. También se conoce como sensor ISO-EGO (Sensor de Oxígeno para gases de escape con tierra aislada). Ambos cables de señal están conectados directamente a uno de los electrodos de platino del elemento cerámico. La salida del sensor es inmune al voltaje del circuito de tierra y también a grandes resistencias que regresan a tierra en el vehículo, causado por conexiones dañadas. Hay también un sensor que tiene un cable de tierra física conectado al cuerpo del sensor el cual es necesario para ciertas aplicaciones. No se recomienda el reemplazar los sensores ISO-EGO con los tipos de caja de tierra.



Sensor de 3 Cables - Un cable es de señal y dos cables se utilizan para suministrar voltaje a un calentador interno. La señal de tierra es por medio del cuerpo del sensor. También se conoce como sensor HEGO (Sensor de Oxígeno para gases de escape con calentador).



Sensor de 4 Cables - Un cable es de señal, otro es de tierra y los dos restantes se utilizan para suministrar voltaje al calentador interno. También se conoce como sensor ISO-HEGO (Sensor de Oxígeno para gases de escape con tierra aislada y calentador).



Sensor de 5 Cables - UEGO (Universal Aire/Combustible Sensor de Oxígeno para gases de escape con calentador) El calentador de banda ancha expande el oxígeno en el diseño “plano” de la mayoría de los sensores de 4 cables, realmente hace la medición de la relación aire/combustible. En lugar de regresar al sensor binario y adelantarnos al sensor convencional, El Sensor de O₂ de banda ancha detecta un amplio intervalo de la relación aire/combustible y produce una señal de salida directamente proporcional a la relación Aire/Combustible. Este sensor tan avanzado no requiere la referencia del aire, tiene una mayor precisión y ofrece un control preciso y estricto dentro del punto de estequiometrico para aplicaciones de mezcla pobre.



Histoire Détecteur d'oxygène

Les moteurs de combustion à l'essence sont l'une des causes principales de pollution d'air dans le monde. En conséquence, la législation du gouvernement a promulgué une réglementation dans de nombreuses régions du monde afin de réduire les émissions des véhicules et augmenter l'efficacité du carburant. Un des éléments les plus importants dans le contrôle des émissions est le détecteur à oxygène.

Pour qu'un moteur puisse atteindre l'opération avec le plus bas d'émissions, le rapport air-carburant doit être gardé aussi proche que possible à un point spécifique connu sous le nom point stœchiométrique. Ce rapport air-carburant de 14.7 mesure d'air pour une mesure de carburante (14.7 :1) fournit la combustion la plus complète du mélange air-carburant ayant pour résultat la moindre quantité d'émissions des gaz nocives, y compris les hydrocarbures (HC) et monoxyde de carbone (CO). Pour fournir le contrôle le plus serré possible, les moteurs modernes exigent l'utilisation des détecteurs d'oxygène. Bien qu'il existe plusieurs types de détecteurs d'oxygène, la tâche est la même. Garder le rapport air-carburant aussi près que possible au stœchiométrique.

Les premiers détecteurs d'oxygène étaient de type de détecteurs à commutation. Selon la présence ou l'absence d'oxygène, le détecteur produira soit une tension élevée ou basse. À l'origine les détecteurs d'oxygène n'étaient pas chauffés, c'était les conceptions de masse boîtier qui avaient une lumière de temps lent ou le temps qu'il fallait pour devenir opérationnelle. Un détecteur d'oxygène à commutation ne fonctionnera pas en dessous de 350°C (650°F). Étant donné que les règlements d'émissions sont devenus plus sévères ; les détecteurs chauffants et plus rapides sont devenus la conception préférée.

La plupart des véhicules produits d'aujourd'hui ont soit des détecteurs à commutation 4-fils chauffant, détecteurs 4-fils AFR (rapport air-carburant) ou détecteurs 5-fils à bande large. Les types de détecteur à bande large et l'AFR peuvent fournir un rapport air-carburant spécifique au bloc de commande électrique ce qui permet un contrôle au rapport air-carburant plus serré.

Plus les contrôles des émissions deviennent plus sévères, nous allons commencer à retrouver les détecteurs d'oxygène non seulement sur les moteurs d'automobile. Il y a présentement quelques moteurs de motocyclette et de marines qui utilisent les détecteurs d'oxygène.

Types de détecteur d'oxygène

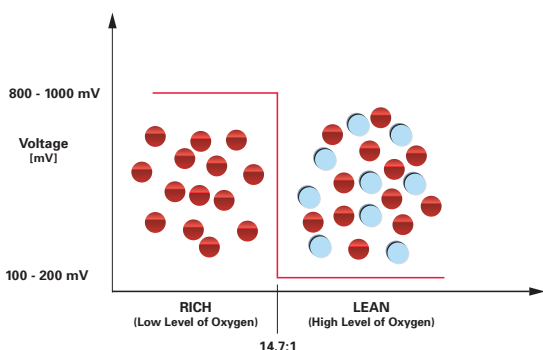
Zircone (commutation)

Tel que discuté auparavant, les premiers détecteurs d'oxygène pouvaient envoyer soit un signal de tension élevé ou bas au module de contrôle électronique (ECU). Le module de contrôle électronique utilise ce signal pour déterminer s'il faut enrichir ou appauvrir le mélange de carburant pour atteindre le rapport air-carburant optimal de 14,7:1 (point stœchiométrique). Les détecteurs en zircone peuvent être vérifiés sur les véhicules en utilisant l'équipement de scan OBDII ou un oscilloscope. Lorsque vous vérifiez la performance du détecteur avec un outil de scan OBDII ou un oscilloscope, un détecteur en amont ou pré-catalyseur qui fonctionne correctement devrait démontrer une tension rapide du haut vers le bas. Tension sur un détecteur qui fonctionne correctement en aval ou post-catalyseur dans un véhicule avec un fonctionnement catalytique à trois voies devraient rester relativement stables. La résistance à la chaleur peut être vérifiée sur le véhicule durant « marche/arrêt » en utilisant l'outil multimètre.

- Si le rapport air-carburant est de moins de 14.7 :1, le mélange carburant est RICHE. Il y aura de FAIBLES quantités d'oxygène dans les gaz d'échappement. Le détecteur d'oxygène enverra une tension de sortie à HAUT voltage (0.9-1v) au module de contrôle électronique (ECU).

- Si le rapport air-carburant est de PLUS de 14.7 :1, le mélange carburant est PAUVRE. Il y aura une quantité élevée d'oxygène dans les gaz d'échappement. Le détecteur d'oxygène enverra une tension de sortie à FAIBLE voltage (0-0.1v) au module de contrôle électronique (ECU).

Output Voltage vs. AFR



Output Voltage vs AFR = Tension de sortie vs RAC

Voltage = Tension

Riche (Low levels of oxygen) = Riche (niveaux d'oxygène bas)

Stoichiometric Point = Point stœchiométrique

Lean (High levels of oxygen) = Pauvre (niveaux d'oxygène élevé)

Types de détecteur d'oxygène

Titane

Un autre type de détecteur d'oxygène est de type titane. Ce type de détecteur a besoin une tension pour fonctionner plutôt que produire une tension. Le rapport air-carburant est contrôlé par la résistance du changement de riche à pauvre. Il est important de noter que ces deux détecteurs d'oxygène en titane et en zircon ne sont pas interchangeables.

Détecteurs RAC (4-fils)

Ils sont similaires en apparence mais non interchangeable avec les détecteurs en zircon (commutateur), les détecteurs RAC utilisent des densités de courant pour mesurer le rapport air-carburant. La quantité de courant produite dépend du niveau d'oxygène riche ou pauvre présent dans les gaz d'échappement. Un détecteur RAC va produire soit un courant positif ou négatif basé sur le rapport air-carburant. Grâce à leur capacité de contrôler de rapport air-carburant plus précis, les détecteurs de type RAC ont plus de popularité avec certains constructeurs d'automobiles. Les détecteurs RAC doivent être testé seulement en utilisant les équipements de teste compatible à l'OBDII. En comparaison avec un détecteur d'oxygène zircon à 4-fils, un détecteur RAC qui fonctionne correctement ne performe pas de commutation de la haute tension à la basse tension rapidement, mais plutôt de maintenir une ligne de tension de sortie près de 3,3 V dans un moteur proprement mise au point.

- Au mélange **RICHE**, un courant **NÉGATIF** se produit. Le signal de tension sera en **DESSOUS** de 3.3 volts.
- Au mélange **PAUVRE**, un courant **POSITIF** est produit. Le signal de tension sera au **DESSUS** de 3.3 volts.
- Au **point stœchiométrique**, **PAS** de courant qui se produit. Le signal de tension sera **EXACTEMENT** 3.3 volts.
- Fonctionne à une température plus élevée que les détecteurs de type commutateur, 650°C (1200°F).

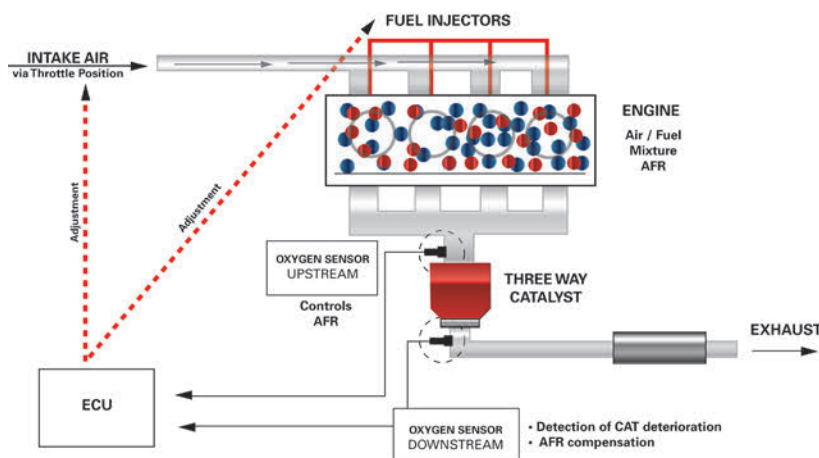
Détecteurs à bande large (5-fils)

Pour aider à la fois le contrôle des émissions et réglage du moteur, le détecteur d'oxygène à bande large 5-fils a eu plus de popularité dans les applications OEM et de course en raison de sa lecture précise du rapport air-carburant. Le détecteur d'oxygène à bande large utilise un élément planaire multi-chambre pour détecter un rapport air-carburant précis. Le détecteur génère des courants de pompage qui reflètent les changements de tension représentant le taux d'oxygène dans la référence et les chambres d'essai du détecteur. Les détecteurs à bande large utilisent une cellule de pompage qui produit son propre air (l'oxygène) pour maintenir un rendement constant de 450mv de la cellule de sortie. Pour fonctionner, les détecteurs à bande large nécessitent une puce d'application spécifique installé dans le module de contrôle électronique (ECU) et ne peut pas être remplacé par d'autres types de détecteur d'oxygène.

- Moniteurs rapport air-carburant au plus haut degré de précision.
- Fournis un contrôle le plus précis du rapport air-carburant.
- Une bonne combinaison linéaire entre la tension et le rapport air-carburant.

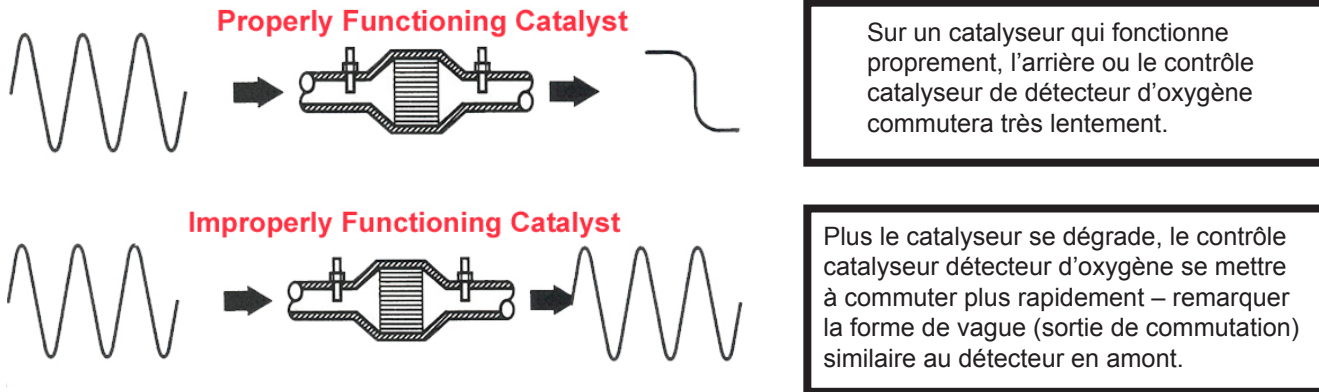
OBD et OBDII

Le détecteur d'oxygène fonctionne en conjonction avec d'autres composants du véhicule, y compris l'ECU, les injecteurs de carburant, et catalyseur à trois voies ou le convertisseur catalytique. Lorsque tous les composants travaillent ensemble, c'est ce qu'on appelle le fonctionnement en boucle fermée. Pendant le fonctionnement en boucle fermé, le détecteur d'oxygène est en communication avec l'ECU que se soit le moteur tourne riche ou pauvre. L'ECU envoi les signaux aux injecteurs de carburant d'enrichir ou appauvrir le mélange carburant.



Dans le cas d'un mauvais fonctionnement du système, sur un véhicule équipé OBD (système de diagnostic de bord), le MIL (témoin d'anomalie) ou lumière du moteur peut s'allumer indiquant le conducteur possiblement problème avec le système de contrôle des émissions

Les modèles de véhicule nord américain à partir de l'année 1996 et plus récente sont conformes à l'OBDII. Dans l'OBDII, un détecteur supplémentaire est installé en aval du catalyseur à trois voies pour contrôler ses fonctions ainsi que dans certains systèmes de contrôle d'alimentation en carburant avancé. Dans le cas où le témoin d'anomalie (MIL) s'allume sur les véhicules équipés de OBDII, le code de diagnostique d'anomalie (DTC) sera entreposer et sera accessible avec un équipement de diagnostic professionnel.



Entretien et remplacement

Les détecteurs d'oxygène sont soumis à des conditions extrêmes, même dans des conditions normales de fonctionnement. Les agents nocifs qui peuvent être présents dans le système d'échappement du véhicule peuvent réduire considérablement la durée de vie d'un détecteur d'oxygène. Lorsque les détecteurs se détériorent, le temps de réaction peut être lent et éventuellement aboutir à un détecteur non acceptable de performance. Les véhicules équipés d'OBDII sont conçus pour détecter le temps de réaction, la performance des détecteurs d'oxygène ainsi que pour illuminer le MIL ou la lumière du moteur de contrôle en cas de détecteur échoué.

À cause des segments de piston usés, certaines conditions telles que les fuites de liquide de refroidissement d'admission usée, de joints de culasse, ou de combustion de pétrole brûlé peuvent laisser s'infiltrer plus d'agent polluant dans le flux d'échappement. Ces agents polluant peuvent se détériorer plus rapidement la performance des détecteurs d'oxygène, surtout l'empoisonnement du détecteur. La cause origine de l'empoisonnement du détecteur doit être corrigée et remplacer le détecteur empoisonné.

Dans des conditions extrêmement riches ou en cas de ratés d'allumage prolongé, il est possible que le carburant non brûlé entre dans le flux d'échappement. Le liquide du carburant peut fissurer l'élément chauffant du détecteur et entraîne un échec immédiat du détecteur. C'est ce qu'on appelle un choc thermique. Dans le cas où l'élément chauffant du détecteur est brisé, le détecteur doit être remplacé.

Dans le cas où la lumière "check engine light" s'allume, il ne faut pas l'ignorer. Un détecteur d'oxygène échoué ou usé peut :

- Augment la consommation de carburant
- Augment la pollution des démissions nocives
- Réduite la performance du moteur
- Augment l'usure du catalyseur à trois voies
- Échoué le teste d'émission de l'état ou local

Une mise au point régulière de votre véhicule et remplacer les détecteurs d'oxygène usés ca fait du sens. Ignorer ces importants points d'entretien peut coûter beaucoup plus à long terme.

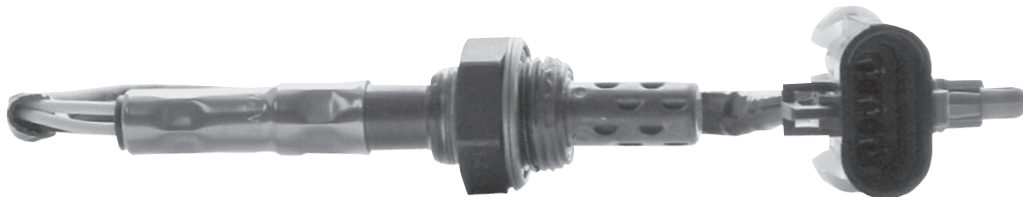
À fil simple - Un seul fil transmet le signal du détecteur, la carrosserie du véhicule servant de mise à la masse. Aussi appelé détecteurs d'oxygène des gaz d'échappement (détecteur EGO).



À deux fils - Un fil sert de signal au détecteur et l'autre sert de mise à la masse. Aussi appelé détecteurs d'oxygène des gaz d'échappement isolé (détecteur ISO-EGO). Les deux fils de signal sont directement reliés à l'une des électrodes en platine de l'élément en céramique. La tension de sortie du détecteur est immunisée contre les tensions en boucle du signal de masse ainsi que contre les grandes résistances dans le retour par la masse du véhicule, lesquelles sont causées par des branchements corrodés. Il y a également, sur ce type de détecteurs le fil de masse est physiquement relié au corps de détecteur requis pour certaines applications. Il n'est pas recommandé de remplacer un détecteur d'oxygène avec masse isolée par un détecteur relié à la masse sur elle-même.



À trois fils - Un fil transporte le signal et deux fils sont utilisés pour alimenter l'élément chauffant interne. Le retour par la masse du signal se fait par la carrosserie du véhicule. Aussi appelé détecteur d'oxygène des gaz d'échappement préchauffée (détecteur HEGO).



À quatre fils - Un fil sert de signal au détecteur, un autre sert de masse isolée et les deux autres sont utilisés pour alimenter l'élément chauffant interne. Aussi appelé détecteurs d'oxygène des gaz d'échappement préchauffée isolée (détecteur ISO-HEGO).



À cinq fils - Le détecteur UEGO (détecteurs d'oxygène des gaz d'échappement préchauffée universelle de mélange air-carburant) préchauffé à bande large qui s'étend au-delà du concept «<planaire>> de la plupart des détecteurs traditionnels, le détecteur d'oxygène à bande large détecte une vaste gamme de rapports air-carburant et produit un signal de sortie directement proportionnel au rapport air-carburant.





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