



THE SENSOR SPECIALIST™

IGNITION KNOCK

SPECIALTY SENSOR

PURPOSE

The ignition knock sensor determines if engine knock is present (caused by detonation)

FUNCTION

- A piezoelectric crystal, which generates a varying voltage based upon engine vibration intensity, sends a signal to the ECM
- Signal is used to retard ignition timing which prevents engine damage caused by pre-ignition

POSITION

- Located on the engine block

CAUSE FOR REPLACEMENT

- Check engine lamp illumination
- Engine hesitation
- Poor fuel economy
- Failed emissions test



The NTK Difference

- Internally sealed to prevent moisture intrusion
- Advanced piezo ceramic technology for increased durability
- Shielded harness prevents electrical interference
- Harness length and wire gauge matches OE

ngksparkplugs.com/sensorspecialist
Tech Support: (877) 473-6767 ext. 2

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COMPONENTS



TOP 10 SKUs

VIO Rank	NTK Part No	VIO	Year	Coverage
1	ID0215	26,767,949	2017 - 2002	Lexus, Toyota
2	ID0232	9,648,597	2017 - 1996	Chrysler, Dodge, Jeep, Ram, VW
3	ID0300	9,301,180	2014 - 2004	Buick, Cadillac, Chevrolet, GMC, Isuzu, Pontiac, Saab, Saturn
4	ID0116	8,016,089	2007 - 1998	Buick, Cadillac, Chevrolet, GMC, Isuzu, Pontiac
5	ID0141	4,751,972	2017 - 1998	Ford, Lincoln, Mercury
6	ID0085	3,341,126	2010 - 1999	Acura, Honda, Saturn
7	ID0107	3,272,194	2002 - 1985	Buick, Cadillac, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac
8	ID0106	3,268,039	2005 - 1996	Buick, Chevrolet, GMC, Oldsmobile, Pontiac
9	ID0166	3,187,005	2005 - 1991	Toyota, Chevrolet
10	ID0301	3,179,264	2014 - 2004	Ford, Lincoln, Mazda, Mercury

