



INBOARD, OUTBOARD & PWC

NGK is the world's largest OE supplier and manufacturer of spark plugs.

Known for durability and performance, NGK manufactures OE spark plugs for inboard engines, over 90% of outboard engines and almost 100% of personal water crafts. Specifically designed to reduce quenching; NGK spark plugs provide better ignitability and quicker starts. For reliable performance on the water, trust the brand that OEMs ask for by name.

The NGK Difference

High-grade alumina silicate ceramic

Creates a stronger insulator to reduce dielectric punch-through (caused by spark exiting through side of ceramic)

Cold-rolled threads

Prevents cross-threading and damage to cylinder heads

98% pure copper core

Increased heat dissipation for reliable starts, prevents spark plug overheating (see Illustration A)



Marine-specific resistor

Prevents RFI interference with electronics

Trivalent plating

Resists corrosion (especially in saltwater environments); no anti-seize required

TESTING & MANUFACTURING

All NGK spark plugs must pass extensive testing procedures and quality checks to ensure fit and performance.

- JIH H 8502 salt spray resistance test for trivalent plating
- Mechanical vibration testing
- Thermal shock testing to -40°F to prevent water splash damage
- Tightest resistor manufacturing process in the industry
- Manufactured in our ISO 11565 certified manufacturing facility
- Gap measured with laser precision throughout production process



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

THE IGNITION SPECIALIST™



TOP MARINE CROSS REFERENCES

Champion Part #	Champion Stock #	NGK Part #	NGK Stock #
L6VC	885M	BUZ8H	7447
L76V	827M	BUHW	2622
L77JC4	821M	B7HS-10	2129
L78C	807M	B7HS	5110
L78V	833M	BUHW-2	5626
L78YC	936M	BP7HS	5111
L82C	811M	B8HS	5510
QC10PEP	958	PZFR6H	7696
QC10PEPB	7919	IZFR6N-E	4757
QC12PEP	956M	IZFR6N-E	4757
QC12PEPA	952M	PZFR6H	7696
QC12PEPB	7953	IZFR6N-E	4757
QL16V	876M	BUHXW-1	5526
QL76V	898M	BUZHW	2147
QL77CC	941M	BR8HS	4322
QL77JC4	828M	BZ7HS-10	3579
QL78C	883M	BR9HS-10	4551
QL78V	838M	BUZHW-2	2173

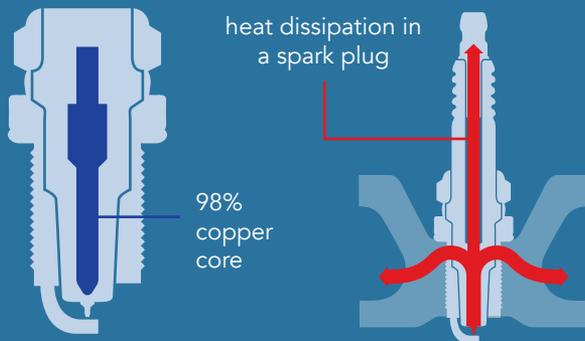
Champion Part #	Champion Stock #	NGK Part #	NGK Stock #
QL78YC	938M	BPZ8H-N-10	4495
QL78YC	938M	BPZ8HS-10	3133
QL82C	931M	BR6HS	3922
QL82YC	932M	BPR7HS	6422
QL86C	933M	BR6HS	3922
QL87YC	934M	BPR6HS	7022
RP10HC	959M	DR6HS	4823
UL77V	831M	BUHXW-1	5526
XC12PEPB	955M	PZFR6F-11	3271
AC-Delco Part #		NGK Part #	NGK Stock #
41-932		PZTR5A-15	7862
41-983		PTR4B-15	5146
41-985		IZTR5B11	1465
MR42LTS		BPR6EFS	3623
MR43LTS		TR5	2238
MR43T		BR6FS	4323
MR44T		YR5	7052

Note: This cross chart is for reference only. Please check specific vehicle application and owner's manual. Due to differences in design and material, plugs in cross reference section are not exactly alike.

INCREASED HEAT DISSIPATION

Illustration A

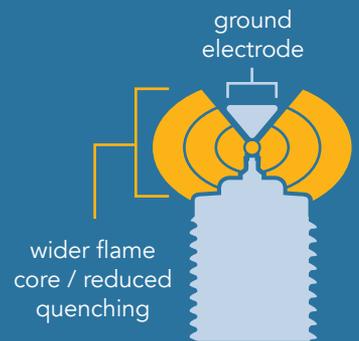
The combination of NGK's high-grade pure alumina ceramic and 98% pure copper core enables the spark plug to quickly dissipate large amounts of heat. This ultra-wide heat range prevents spark plug overheating while providing reliable starts.



HIGHER IGNITABILITY

Illustration B

The **quenching effect** is where the cooler center and ground electrodes drain the energy of the flame core by way of heat transfer. If quenching is severe, the flame core can be extinguished, causing ignition to fail. Spark plugs are designed to reduce the quenching effect resulting in better ignition performance.



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