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SPARK PLUG 411



All spark plugs are not created equal

FAQs **GENERAL**

Racing Plugs

- [NGK Racing Plug Recommendations](#)
- [Choosing A Racing Plug](#)
- [Installation Guide](#)
- [NGK U.S. Racing Plug Chart](#)
- [2007 NGK Racing Plug Catalog](#)

Special Plug Features

- [Bi-Hex](#)

Conversion Charts

- [Displacement Conversion Chart](#)

- [NGK Racing Wires](#)

Center Electrodes

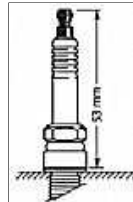
- [Fine wire](#)
- [Ultra-fine](#)
- [Taper cut](#)
- [V-Power](#)

Ground Electrodes

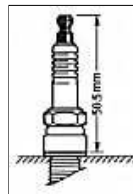
- [Double Fine Electrode](#)
- [trapezoid](#)
- [Cut back ground](#)
- [Fine wire ground](#)
- [Tapered cut](#)
- [Angled ground strap](#)
- [Multi-ground](#)
- [Supplementary gap](#)
- [Intermittent discharge](#)
- [Semi-surface discharge](#)
- [Surface discharge](#)

Resistor Types

- [Resistor](#)
- [Inductive resistor](#)



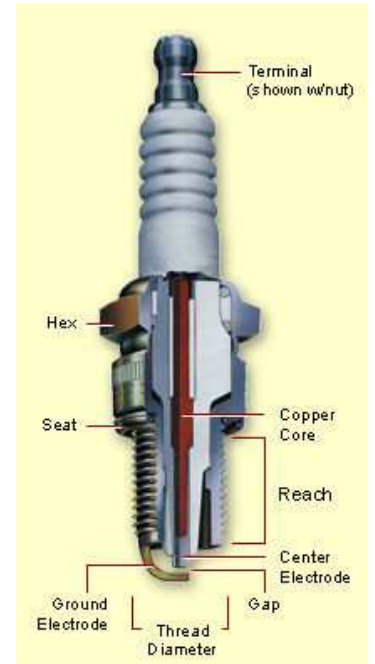
JIS height



ISO height

ISO (International Standards Organization) is an international organization which establishes standards for the production of automobiles and there parts. The ISO height for a spark plug from the [seat](#) to the top of the [terminal](#) nut is 50.5mm (1.98")

JIS (Japanese Industrial Standard) is a Japanese organization which establishes standards for the production of Japanese automobiles and there parts. The JIS height for a spark plug from the [seat](#) to the top of the [terminal](#) nut is 53mm (2.086")



- CDI resistor

- RFI

Precious Metal Types

- Platinum
- Gold palladium
- Iridium

Plug Problems

- Fouling
- Bridging
- Deposits
- Pre-ignition
- Flashover
- Quenching

Ignition Anachronism

- Radio Frequency Interference
- RFI
- ISO
- JIS
- Distributorless Ignition System
- DIS
- Capacitor Discharged Ignition
- CDI

Glow Plugs

- Quick-start type
- Standard sheathed type
- QGS sheathed type
- Self-regulating sheathed type

Oxygen Sensors

- Planar
- Air Fuel Sensor
- Signal
- Flanged
- Non-Flanged
- 1 Wire
- 2 Wire
- 3 Wire
- 4 Wire
- Cross Count
- stoichiometric

- [air/fuel ratio](#)
- [Lambda Sensor](#)
- [Titania](#)
- [Universal Oxygen Sensor](#)
- [Zirconia](#)
- [Wide Band Oxygen Sensor](#)
- [5 Wire Oxygen Sensor](#)
- [Reading old oxygen sensors](#)
- [Oxygen Sensor Diagnostic Testing](#)
- [NTK OE Identical Oxygen Sensor Installation Instructions](#)
- [NTK Universal O2 Sensor Installation Instructions](#)

Manufacturer's Numbering System

- [NGK](#)



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