



# G-POWER®

With greater service intervals than factory nickel plugs, G-POWER® provides increased performance. NGK's G-POWER® Platinum spark plugs have a .6mm fine-wire center electrode to provide more focused sparks and high ignitability.



## The NGK Difference

### 98% pure copper core

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

### Cold-rolled threads

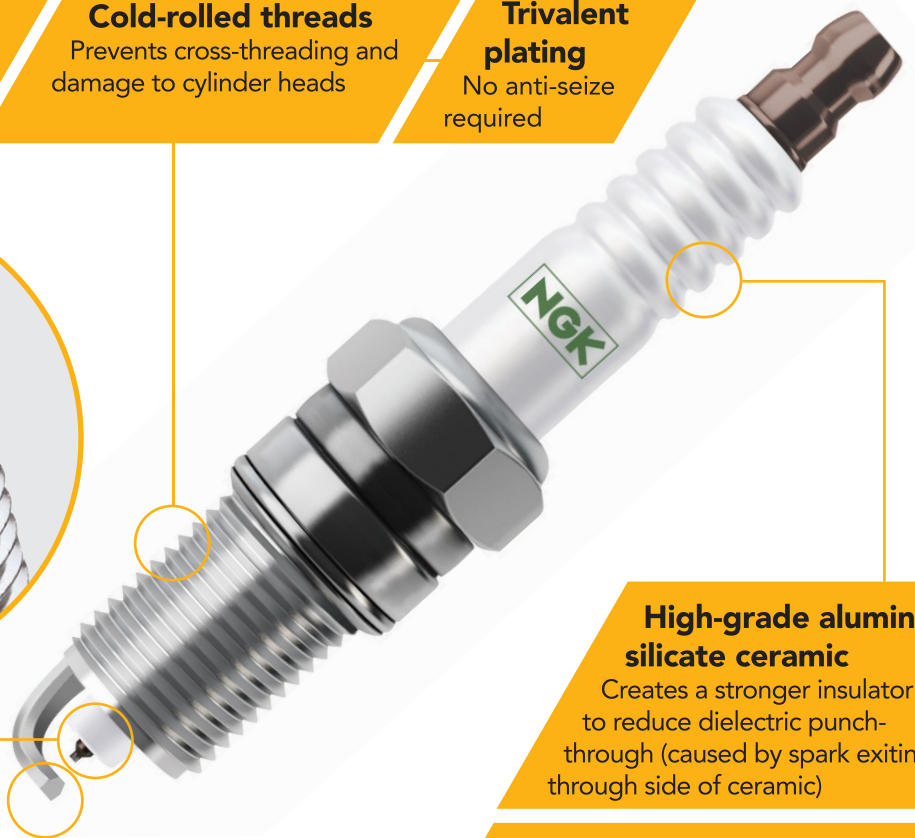
Prevents cross-threading and damage to cylinder heads

### Trivalent plating

No anti-seize required



Single  
Platinum  
Tip



### High-grade alumina silicate ceramic

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

### Trapezoidal ground electrode

Higher ignitability, reduced quenching (see Illustration B, back)

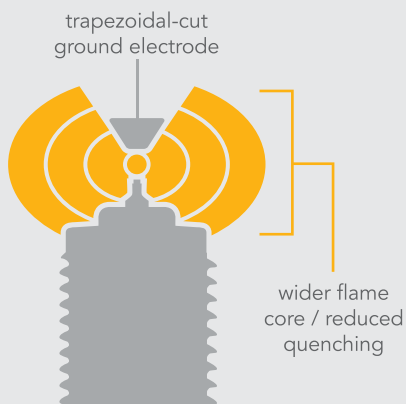
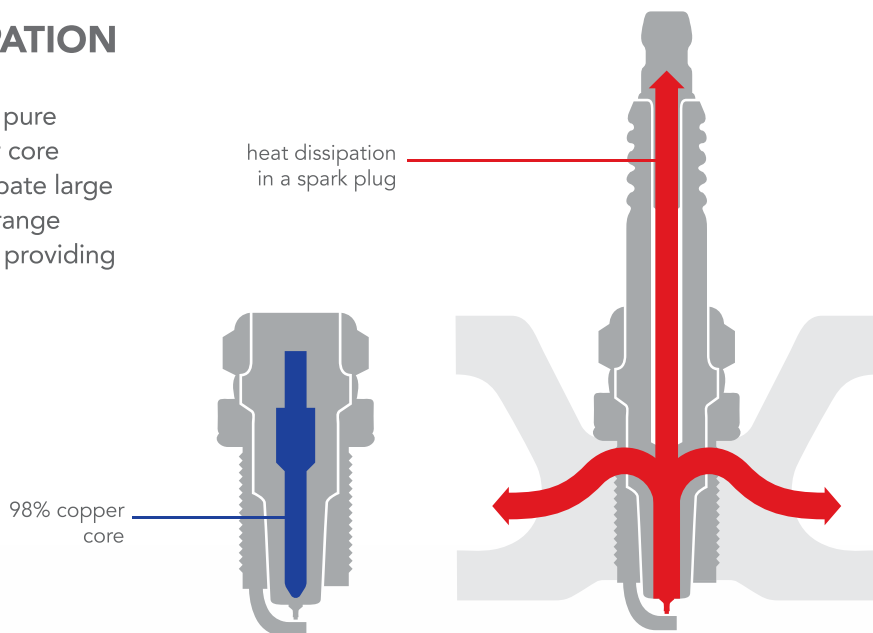


THE IGNITION SPECIALIST™

## 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. NGK G-Power® spark plugs are designed to reduce the quenching effect resulting in better ignition performance.

## TESTING & MANUFACTURING

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

- **Mechanical vibration testing**
- **Thermal shock testing to -40°F**
- **Tightest resistor manufacturing process in the industry**
- **Manufactured in our ISO 11565 certified manufacturing facility**
- **Gap measured with laser precision throughout production process**



THE IGNITION SPECIALIST™

Discover other performance ignition systems on our website.