WVE IGNITION COILS

SALUTING THE UNSUNG HEROES OF THE IGNITION SYSTEM

Ignition Coils are responsible for converting the low voltage electricity within a vehicle's battery into the thousands of volts required to jump the spark plug gap and igniting the engine's air-fuel mixture. Thanks to technological advancements, are several types of ignition coils available today, including distributor coils, distributor-less coils, rail coils, coil-on-plug coils and pencil coils.



BUILT FOR PERFORMANCE

WVE Ignition Coils are designed, engineered and manufactured to provide OE fit, form and function, ensure fast starts, consistent performance and a long service life.

Our coils are manufactured using automated, precision winding machines, which translates to less breakage and internal shorts, resulting in greater reliability. High dielectric-strength epoxy is used to insulate the coil windings, resisting the flow of stray electricity and blocking contaminants and air from reaching the coil's internal components. Additionally, high-grade silicone rubber is used, where applicable, so that moisture can't get between the coil boot and spark plug connection.

Throughout the manufacturing process and at the end of the manufacturing line, critical, high-tolerance areas are carefully inspected and tested. We also routinely test finished coils under a variety of electrical, thermal shock, corrosion and vibration conditions to ensure that the windings, epoxy, plastics and other components can more than handle the extreme temperatures, vibration and harsh environments that a vehicle encounters.







WVE IGNITION COILS

WVE IGNITION COILS: A CLOSER LOOK

- 5 Precision-wound coated copper windings to improve winding consistency for better coil life.
- 1 High dielectric thermoplastic that resists arcing, high temperatures and moisture.

High grade electrical steel for high voltage spark output.

Stainless steel spring for superior corrosion resistance.

- High dielectric-grade epoxy that resists cracking and helps prevent internal arcing and shorting.
- B Ferrite core for electrical noise suppression.
 - 4 High grade silicone rubber boot that seals out moisture and prevents arcing.

6 Dielectric grease helps prevent moisture from getting in boot and causing corrosion.

WORLD-CLASS TRAINING AND TECHNICAL SUPPORT, POWERED BY



We understand making the correct diagnosis and a reliable, long-lasting repair isn't always easy. That's why we've teamed up with GoTech, THE Technical Specialists - a seasoned group of ASE-certified professional technicians - to serve as your go-to technical resource for all things vehicle-related.

Whether you're looking for in-depth diagnostic and installation videos, a quick answer to a question - or anything in between - GoTech delivers.



Talk with one of GoTech's ASE-certified technicians by dialing

1.855.207.5630

(7:30 a.m. - 5:30 p.m. Central Time, Monday-Friday) or visit **gotech.com**.

SEE ALL WE HAVE TO OFFER AT WVEBRAND.COM



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