



PRODUCT INFORMATION

IGNITION MODULES

- **Reliable Performance:** Built with solid-state electronics that resist vibration, temperature swings, and moisture, ensuring consistent operation.
- **Precise Ignition Control:** Advanced electronic control precisely regulates ignition timing, leading to improved fuel efficiency and engine responsiveness.
- **Optimal Spark Energy:** Delivers the required voltage and spark energy for powerful engine output, matching vehicle specifications.
- **Durable & Long-Lasting:** Constructed with high-quality, vibration-resistant materials for extended service life and reduced maintenance.
- **Wide Application Coverage:** Offers a comprehensive range for European, Japanese, American, and Korean vehicles, ensuring broad compatibility.

PRODUCT FEATURES

A Hella ignition module is a robust electronic component made by the German automotive parts manufacturer Hella that controls engine spark timing for reliable performance, acting as a direct replacement for Original Equipment (OE) parts in various cars, especially European makes like Audi, VW, and BMW, ensuring consistent spark for efficient combustion. These modules are known for their quality and durability, helping to prevent issues like engine misfires or no-starts by precisely firing spark plugs.

Features:

- **Controls Ignition:** Manages when the spark plugs fire, a critical function for engine operation.
- **Produces Spark:** Helps generate the high voltage needed for the spark that ignites the fuel-air mix.
- **Ensures Reliability:** Built with durable electronics for consistent operation and performance.

Function:

An ignition module (or Ignition Control Module - ICM) is a vehicle's electronic brain for the ignition system, timing the spark plugs to fire at the precise moment for efficient combustion, preventing issues like misfires, stalling, or a no-start condition, and often located near the ignition coil or in the distributor.

Symptoms of failure:

Include engine misfires, stalling, rough idling, hesitation, and the Check Engine light.

What it does:

- Receives signals from sensors (crank/cam position).
- Controls the ignition coil to generate the spark.
- Ensures spark plugs fire at the correct time for optimal engine performance.

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Product features, specifications and availability are subject to change without notice.

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