



Product Overview

KNOCK SENSORS

- Over 120 SKU's offering global coverage of European, Asian, and Domestic vehicles
- Each knock sensor is engineered and designed to meet OE specifications, ensuring ideal performance
- Sealed Anti-Static Protective Packaging ensures that electrical components are not damaged during shipping

OVERVIEW

The knock sensor is able to detect mechanical stress and produces a voltage when the car knocks or pings. Under heavy acceleration, it sends signals to the ECU and the ECU retards the ignition timing to compensate for the knocking, which in effect protects the pistons and rings from damage. Knocking also occurs when using low-grade fuel and having the knock sensor allows you to use different grade fuels without causing engine damage.

- Holstein Parts focuses on using only the highest quality materials manufactured to exacting standards for an aftermarket product that is truly built to match or exceed the OE part
- Holstein Parts Knock Sensor line has superior coverage for Import / Domestic applications
- 3 Year / 36,000 Mile Warranty



KNOCK SENSORS

What does a Knock Sensor do?

The knock sensor creates a voltage signal based on vibrations caused by engine detonation. The car's computer uses this signal to slow timing if a spark knock occurs. If the knock sensor is faulty, the engine may run hot and produce higher emissions. The computer will not receive information regarding the engine's performance, and car performance will be altered, especially in flex-fuel or high-compression engines.

Where are Knock Sensors located?

The Knock Sensor is usually located on the left side of the engine block, just below the intake manifold.

Will a malfunctioning Knock Sensor illuminate the check engine light?

The Check Engine Light may illuminate because of a faulty knock sensor. However, the sensor may test fine and can fail intermittently while the vehicle is being driven.

What are the common causes of failure?

The most common cause of Knock Sensor failure is an electrical connection failure. The only solution to this problem is to replace the faulty sensor.

How to determine if these sensors are malfunctioning:

If a knock sensor is faulty, you may notice slow acceleration, lowered fuel economy, or an alarm emitted from the vehicle signaling that the engine has detected an abnormal noise. An automotive professional should be able to determine further if a faulty knock sensor is to blame.

