



# Knock Sensors

## Technology

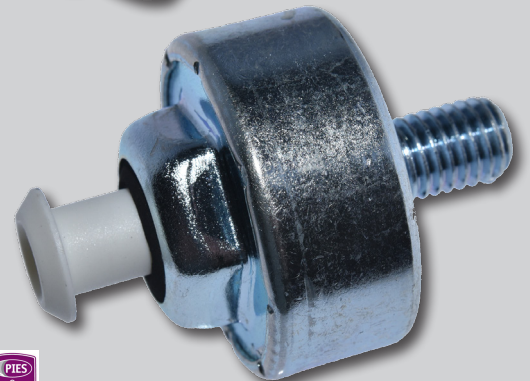
- 100% engineered and tested to OE specifications in fit, form, and function
- Manufactured with the highest quality materials designed to hold up under any condition

## Marketing

- Competitively priced against all industry programs
- Full Service Kits® (FSK®) - Sensor plus vehicle side mating pigtail
- LS Kit available - Sensor plus harness fixing kit

## Coverage

- Complete program with 190+ SKUs
- 26+ FSK SKUs available
- Extensive coverage for car & light truck, domestic and import, gas, diesel, flex fuel & LPG/CNG
- Coverage spanning from 1980 to present year



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# QUALITY • COVERAGE • SUPPORT



## WHAT IS ENGINE KNOCK?

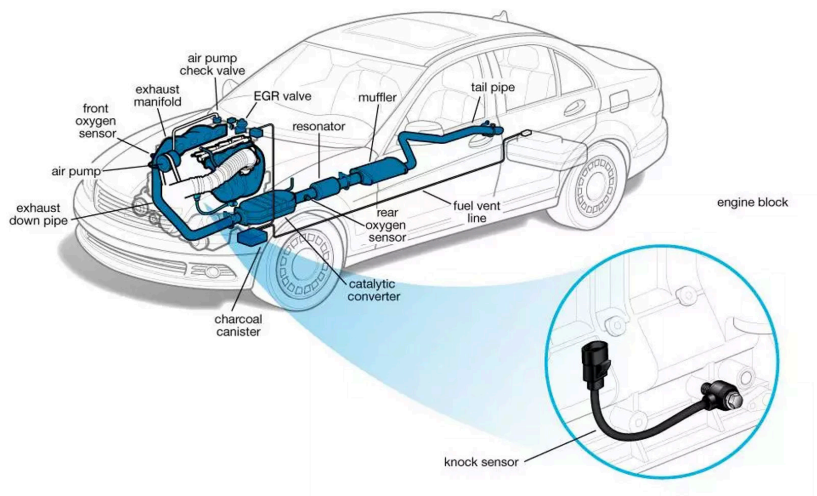
The Knock is a sound created by a second (or unplanned) explosion within a cylinder. This separate ignition is caused by increased pressure from the first ignition having leftover heat causing a second ignition from the heat.

## WHAT DOES YOUR KNOCK SENSOR DO?

The Knock Sensor is a small listening device that detects irregular vibrations and sounds from the engine block. The sensor sends an electrical signal to the ECU for the ECU to make ignition timing alterations.

## WHERE IS YOUR KNOCK SENSOR LOCATED?

The Knock Sensor can be located outside the engine block or underneath the intake manifold.



## WHY DOES YOUR KNOCK SENSOR FAIL?

Common causes of Knock Sensor failure are continuous vibration, poor acceleration, poor fuel economy, and a vehicle misfiring. Another failure is caused by mishandling of the sensor on installation. Bad connectors can cause a Knock Sensor to fail.

## SYMPTOMS OF A FAULTY KNOCK SENSOR?

The vehicle will have diminished power, poor fuel mileage, poor performance under a load, and lastly the check engine light will be illuminated.

## WHY IS THE WALKER KNOCK SENSOR BETTER?

- Every Knock Sensor is tested before being shipped out for the best Quality
- Walker covers a broad range of engines and vehicle models
- We have a great Customer Support Team to support when you have questions