



Product Overview

CAMSHAFT SENSORS

- More than 330 SKUs covering 98% of the North American market
- Manufactured with premium materials to ensure proper function
- Grommets, screws, and other hardware are included to ensure proper fit
- Sealed Anti-Static Protective Packaging ensures that electrical components are not damaged during shipping

OVERVIEW

The Camshaft Position Sensor monitors the rotating position of the camshaft relative to the crankshaft position. This data is sent to the vehicle's ECU where it is used to adjust the spark timing and the operation of the fuel injectors. There are two types of Camshaft Sensors, Magnetic, and Hall-effect. The Magnetic type produces its own AC (alternate current) signal (a sine wave), and you can identify it by its two wires. The Hall-effect type uses an external power source to produce a digital signal (a "square wave," on-or-off) and has three wires. For the engine to operate properly, the rates of the crankshaft and the camshaft need to be in sync with each other.

- 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 Camshaft Position Sensor line has superior coverage for Import / Domestic applications
- 3 Year / 36,000 Mile Warranty



CAMSHAFT SENSORS

What does a Camshaft Position Sensor do?

The Camshaft Position Sensor monitors camshaft rotation and the opening and closing rates of the valves/pistons. Camshaft Sensors work with Crankshaft Position Sensors to evaluate how the engine is performing.

Where is the Camshaft Position Sensor located?

The Camshaft Position sensor is usually located in the cylinder head of the engine.

Will a malfunctioning Camshaft Position Sensor illuminate the check engine light?

Yes. When the measurements of the Camshaft Position Sensor and the Crankshaft Positioning Sensor differ, it will trigger the Check Engine Light on the dashboard.

What are the common causes of failure?

Often, these sensors fail due to high temperatures.

How to determine if these sensors are malfunctioning:

An Automotive professional will use specialized tools to measure RPM and other data to determine if the sensor is malfunctioning.

