

# CRANKSHAFT SENSORS

## What does a Crankshaft Position Sensor do?

The Crankshaft Position Sensor monitors the position and/or rotation speed of the crankshaft. The sensor communicates with the vehicle's computer to control ignition timing and fuel injection. It works with the Camshaft Position Sensor to monitor the position of the valves and pistons. The Crankshaft Position Sensor also measures engine speed in revolutions per minute.

## Where are Crankshaft Position Sensors located?

The crankshaft position sensor is generally located behind the harmonic balancer on the crankshaft.

## Will a malfunctioning Crankshaft Position Sensor illuminate the check engine light or affect vehicle operation?

Yes. When the measurements of the Crankshaft Positioning Sensor and the Camshaft Position 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 Crankshaft Position Sensors are malfunctioning?

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

## What makes Holstein Crankshaft Position Sensors the best.

- Holstein Crankshaft Position Sensors are direct OE replacements with perfect fit, form and function for optimal performance
- Wide coverage - more than 200 numbers, covering over 60% of the North American Aftermarket Grommets, screws, and other hardware are included to ensure proper fit and routing within the car chassis