

# CRANKSHAFT POSITION 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 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 Crankshaft Position Sensor line has superior coverage for domestic and import applications
- 3 year / 36,000 Mile Warranty on all Holstein Crankshaft Position Sensors