



## Product Overview

# CRANKSHAFT SENSORS

- More than 400 SKU's 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 Crankshaft Position Sensor is an electronic device that monitors the position and/or rotational speed of the crankshaft. This sensor communicates with the vehicle's ECU to control ignition timing and fuel injection parameters. Crankshaft Position Sensors work in conjunction 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.

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



# 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?**

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 a Crankshaft Position Sensors is malfunctioning:**

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

