

Camshaft and Crankshaft Position Sensors (CMP/CKP)

# **Technology**

- 100% programmed 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
- Combo Kits available for applications requiring improved sensor design

## **Coverage**

- Industry leading program with 960+ SKUs
- 250+ FSK SKUs available
- Extensive coverage for Car & Light Truck,
   Domestic and Import, Gas, Diesel, Flex Fuel
   & LPG/CNG
- Coverage spanning from 1976 to present year











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**QUALITY • COVERAGE • SUPPORT** 

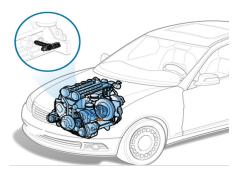


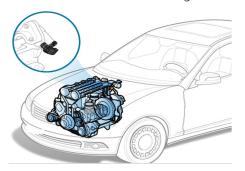
### WHAT DOES YOUR CAMSHAFT/CRANKSHAFT SENSOR DO?

Cam and Crank Position Sensors work together with the vehicle's ECU to ensure that both ignition timing and fuel supply are correct for peak fuel economy, performance, and emissions.

### WHERE ARE YOUR CAMSHAFT/CRANKSHAFT SENSORS LOCATED?

The Cam Position Sensor can be located on the front or back of the engine block, or on the cylinder heads. The Crank Position Sensor can be located on the front, back, or side of the engine block.





#### HOW DO YOU KNOW YOUR CAMSHAFT/CRANKSHAFT SENSORS FAILED?

Typically, your vehicle's Check Engine Light will illuminate on your dash telling you there is a code in the computer that you need read by a repair shop. If the code say it is your CMP/CKP Sensors it does not always mean that your sensor is the bad part causing the code.

#### WHY DO CAMSHAFT/CRANKSHAFT SENSORS FAIL?

- After millions of Cam and Crank rotations, the internal magnets of the sensor weaken causing poor signal transmission
- Poor signal can cause improper timing between the Cam and Crank Sensor causing a check engine light and/or vehicle not starting
- The repetition of extreme heat and cold, known as "heat cycling", breaks down internal circuitry
- High mileage and/or poor maintenance causes an increase in tolerance stacking, resulting in sensors contacting internal rotating components
- Faulty wiring and damaged connectors from heat cycling and other contaminants
- Mishandling while repairing other components on the vehicle
- Poor design from the OE
- Hundreds of TSBs (Technical Service Bulletins) are sent out for every car manufactured yearly



Walker Products CMP/CKP sensors are 100% programmed and tested. Walker Products works continuously to stay current on all OE design changes, TSB's, and improvements to the OE design to make the best part for your vehicle. Walker Product's FSK® program provides the ability to fix the vehicle the first time and not make multiple trips to the store getting what you need.

