

ENGINE MANAGEMENT

MOTAQUIP TEC TALK

What is a crankshaft sensor and what does it do?

A crankshaft sensor contributes to the precision timing of a finely tuned engine. It monitors the position and rotational speed of the crankshaft. This allows the engine control unit (ECU) to adjust its calculations in the fuel injection, timing and elsewhere.

Causes of crankshaft sensor failure.

There are many reasons why a crankshaft sensor may fail. Below are the most common causes of this failure:

Crankshaft sensor age - The magnet in the sensor can lose its pull over time which leads its signal to become less accurate over time.

Faulty/loose/damaged wiring - This will affect the sensor's ability to send accurate signals to the ECU.

Sensor damage - The sensor may become damaged after being hit by another component or by road debris.

Motaquip have a wide range of **96 References available**, all with a **3 Year/36,000 Mile Warranty**.

Symptoms of a faulty Crankshaft Sensors:

- Engine management light illuminated
- Starting Issues
- Limp Mode
- Uneven or unsteady acceleration
- Misfiring or vibrating engine



Speak to your Area Sales Manager
for more information on the Motaquip
Engine Management range.