

CRANKSHAFT SENSOR



ITS FUNCTION



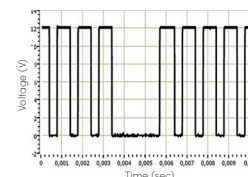
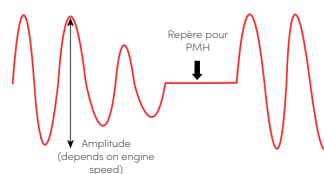
The crankshaft sensor, also known as the **TDC sensor** or **engine speed sensor**, is used to indicate to the ECU the **crankshaft position** and its **rotation speed**. This information is essential for **adjusting the fuel injection**, mainly allowing the ECU to know **when to inject fuel into the right cylinder(s)**.

GOOD TO KNOW

The crankshaft sensor is usually mounted in front of the flywheel.

There are **2 different technologies** for this type of sensor:

- ▲ **Inductive:** the measurement of a magnetic field through the use of a winding, delivering to the ECU a sinusoidal signal
- ▲ **Hall effect:** the measurement is provided by an electronic cell, delivering a square signal, which is more accurate and more easily understood by the ECU.

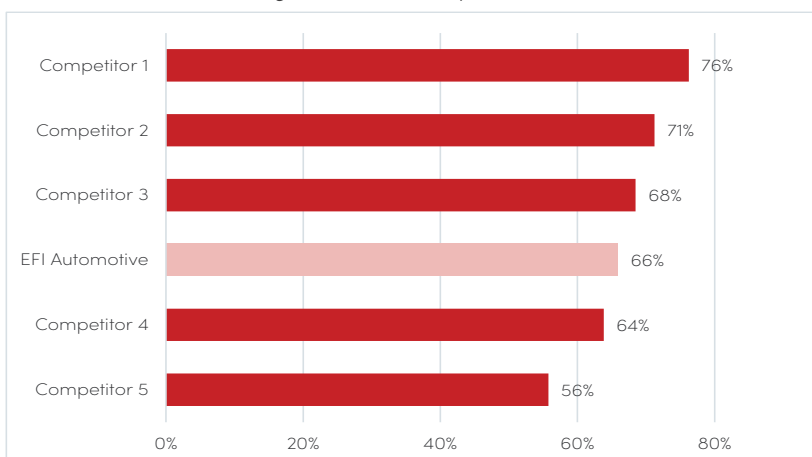


OUR RANGE

- ▲ **310 SKU's**
- ▲ **OEM quality**
- ▲ **131+ million** vehicules covered in Europe
- ▲ **One of the most comprehensive ranges** on the European market
- ▲ **OEM sensors manufacturer** for more **40 years**

66% fleet coverage in Europe

Coverage rate on the European market



Technical hotline

+33 (0)4 72 88 12 63

hotline.aftermarket@efiautomotive.com