



PREXAparts is the automotive brand for high-quality spare parts. With more than 40 years experience, we ensure the sustainable quality of selected parts. The PREXAparts products meet the specifications of the original manufacturers.

PREXAparts Camshaft-Sensors

THE ADVANTAGES AT A GLANCE

- ✘ Manufacturing and process reliability comply with the official OEM standards as well as quality assurance
- ✘ PREXAparts camshaft-sensors offer the same accuracy and durability than original parts
- ✘ The sensors are controlled according to PREXAparts Quality assurance
- ✘ PREXAparts sensors are designed as a 1:1 replacement for the OE sensors, the vehicles recognize it in the same way
- ✘ The latest database for PREXAparts products are available on TecDoc
- ✘ Large stock quantity ensures high availability



USEFUL KNOWLEDGE

Camshaft sensors transmit the exact position of the crank mechanism to the engine control system. This information is necessary for the precise calculation of ignition and injection timing.



Camshaft sensors work according to the hall principle. An annular gear, which is connected to the camshaft is scanned. To determine the position, certain gear teeth are omitted or only one tooth is marked as the top dead centre (TDC) for cylinder one. The magnetic field is changed by rotation of the annular gear. This is recorded as a voltage change in the Hall IC, which is transmitted to the control unit, where it is evaluated to determine necessary data.



Technical faults on the camshaft sensor are usually indicated by the engine control light. Dysfunctional engine starting behaviour can be caused by a sensor failure as well.



PREXAparts camshaft sensors are available for many brands and vehicles. Manufactured according to OEM specifications, these sensors ensure long and trouble-free engine operation with their high quality. Guaranteed.