

Oil Level Sensors

The Oil level sensor is an engine management part, placed in most cases at the lower point of the oil pan. Its function is to actively measure the oil level replacing the classic oil dipstick. This sensor is directly connected to the engine's ECU, to which it sends the following data:

- Oil level measurement
- Oil temperature
- Oil quality

These parameters are constantly measured and the sensor transmits a PWM signal, containing all 3 parameters as output.



If an oil level sensor is damaged, it could send wrong data to the ECU (or no data at all), resulting in wrong indications on the instrument panel.

The damage can usually be due to:

- Defective oil sensor
- Impact of the oil pan with an object, which could damage the electrical part of the sensor.

