

TIPS AND TRICKS

Fuel pressure sensor



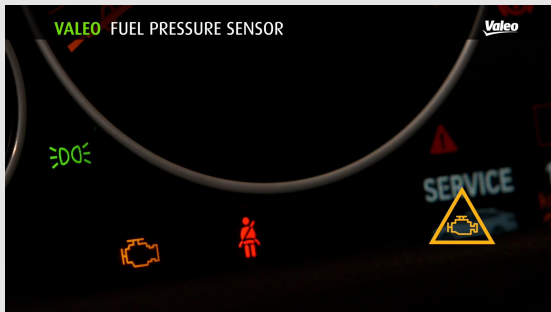
Models

-
-

Reference number

00000000000000

Sensor working test



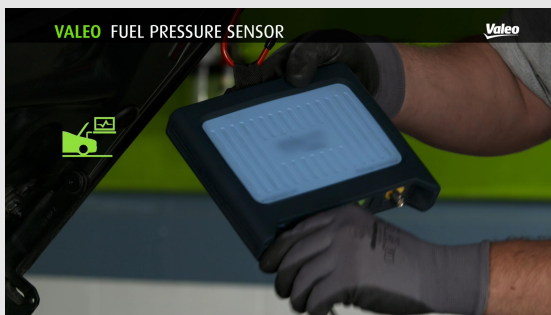
Step 1

1. MIL (Malfunction Indicator Lamp) can be seen on the dashboard. Depending on the car manufacturer's strategy, the MIL may or may not be displayed, but in case of a malfunction, a DTC will be stored in the ECU.



Step 2

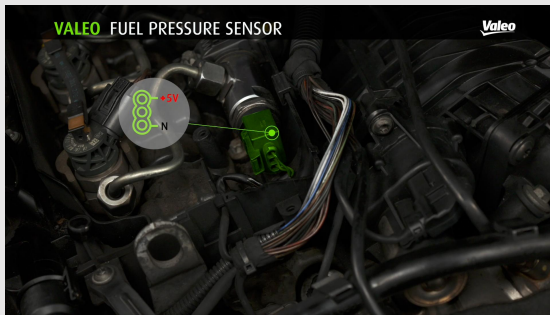
2. Plug the OBD device in order to check DTC.



Step 3

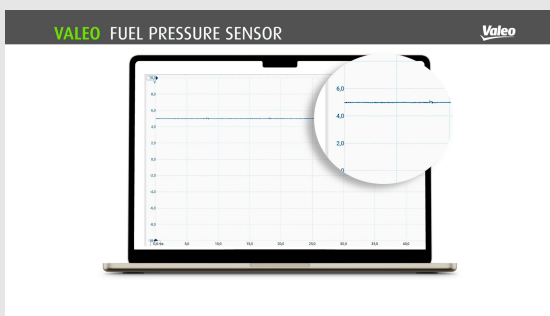
3. Install the oscilloscope interface to perform the sensor test.





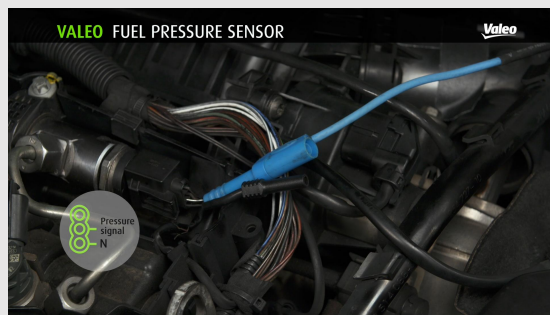
Step 4

4. Check the car maker wiring diagrams, depending on the car manufacturer, the power supply may be $\pm 5V$ or $\pm 12V$.



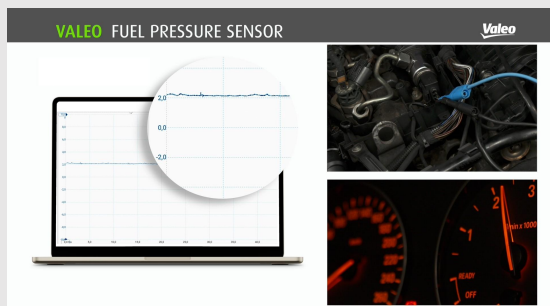
Step 5

5. The chart shows a voltage of 4.5V → Power supply is OK.



Step 6

6. Next step will be checking the sensor signal.



Step 7

7. The signal should be a value in the range of 0,5V and 4,5V. Check the repair manual in order to obtain the link between pressure and voltage.

