



Ford Focus, petrol and diesel engine Build year 08.98 – 02.99

Inaccurate fuel gauge and on-board computer.

If on this vehicle the fault is that the fuel gauge and the re-fuelling distance display in the on-board computer are inaccurate, a possible cause could be a faulty sensing unit.

To rectify the problem consider the following steps:

1. Remove the fuel tank (attention: Before the fuel lines are removed, dump the pressure of the fuel system).
2. Remove the fuel pump with the sensing unit (one unit) from the tank.
3. Check the sensing unit as follows: Measure, with a suitable ohmmeter, the resistance of the float, between pins 2 and 4 on the connector. Repeat this measurement three times. During the measurement move the float arm from position "empty" to position "full". Reading at position "empty": 15 +/- 1,5 Ohm, position "full": 160 – 165 Ohm. If the measured value is different the sensing unit must be renewed.
4. Before installing the new sensing unit, check the function as mentioned above.
5. Refit the parts in reverse order.
6. Check the system for leaks and the operation.

Please note:

The seal for the sending unit must be renewed even if the sensing unit is not renewed.