

Blue Print ADC42361



to fit:

Various Citroën, Fiat, Ford, Jaguar, Lancia, Land Rover, Mitsubishi, Peugeot models

Engine: 2.2 Diesel

EN

Fuel Filter

The fuel filter replacement is a regular service item for the vehicles listed above. However, there are a few points that should be considered.

There are four pipes that connect to the fuel filter, one of which has the fuel temperature sensor. Failure to reconnect this sensor after replacing the filter can cause the vehicle to go into 'limp home' mode and will restrict performance. (Fig. 1)

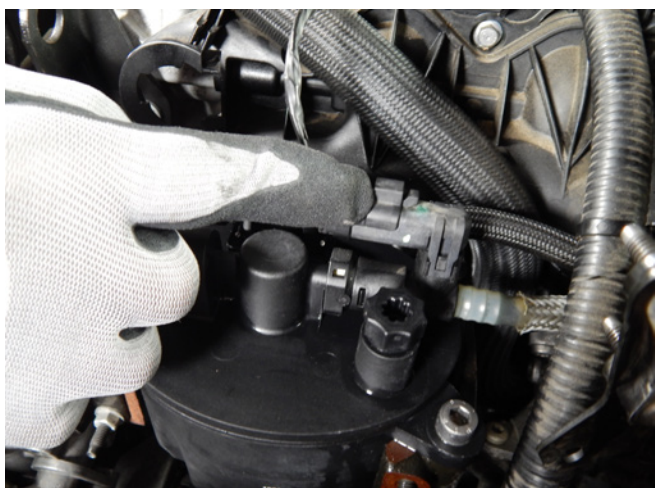


Figure 1 Fuel temperature sensor connector

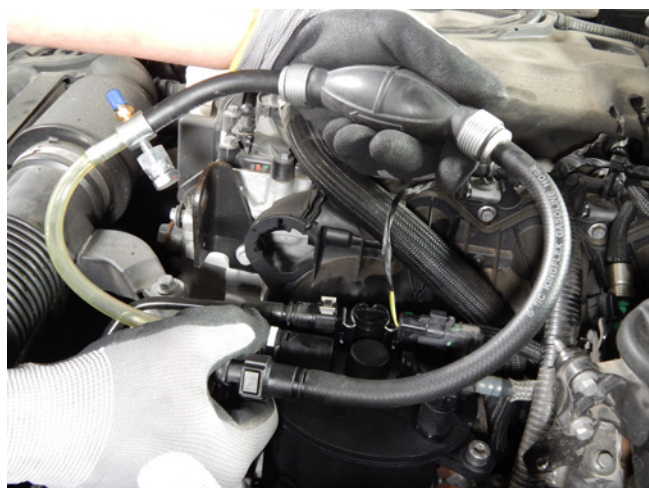


Figure 2 Fuel system bleed tool installed and ready to use

In some markets, the fuel filter is fitted with a 'water in the fuel' sensor which is located at the base of the filter. During fuel filter replacement, the sensor will need to be exchanged from the old filter onto the new filter and be tightened to 3 Nm.

After fuel filter replacement, it is imperative that the fuel system is purged of air before attempting to start the engine. Without bleeding the fuel system, the vehicle will not start. Connect a suitable fuel system bleed tool between the fuel line and filter, observing the fuel flow direction on the tool. (Fig. 2)

Prime the fuel filter by squeezing the hand pump several times until the pump becomes hard. Then, remove the fuel system bleed tool and reconnect the fuel line to the filter. Start the engine and check for leaks before refitting the engine cover.

Note:

If any water needs to be drained from this fuel filter during maintenance, the following procedure must be followed.

First, start the engine. Then, turn the bleed screw anti-clockwise until the O-ring seal is showing (Fig.3). Any separated water or air should come out from the bleed screw at the top of the filter. After bleeding the fuel filter, tighten the bleed screw clockwise when diesel starts to flow out – do this until the bleed screw is sealed.

This filter design enables the draining of the water from the top of the filter since there is a plastic drain tube inside the filter. The heavy diesel fuel pushes the lighter water into the drain tube and out of the filter when the bleed screw is opened.



Figure 3 Bleed screw

For more technical information please visit: partsfinder.bilsteingroup.com