

Blue Print Top Tip

Peugeot/Citroën various models / Ford Galaxy, S-Max, Mondeo / Jaguar XF / Land Rover Freelander 2, Discovery Sport, Range Rover Evoque / Mitsubishi Outlander / Peugeot 4007 - Fuel Filter Replacement

Applicable references: ADC42361

Applications: Engine: 2.2 Turbo Diesel 2006 >

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Fuel filter replacement is a reasonably straight forward procedure on these vehicles, but there are a few points that need to be noted and considered.

There are four pipes that connect to the fuel filter, one of which has the fuel temperature sensor built in.

Failure to reconnect this sensor after replacing the filter will make the vehicle go into 'limp home' mode and will restrict performance. (See Figure 1.)

In some markets, these vehicles are fitted with a 'water in the fuel' sensor which is located in the base of the filter.

During fuel filter replacement, the sensor will need to be swapped from the old filter onto the new filter and tightened to 3 Nm.



Figure 1.

Fuel Temperature sensor connector

After fuel filter replacement, it is imperative that the fuel system is bled **before** attempting to start the engine.

Without bleeding the fuel system the vehicle will not start.

- Connect the Blue Print 'fuel system bleed kit' (Part number **ADG05528**) between the fuel line and filter, observing the fuel flow direction on the tool. (see Figure 2.)
- Prime the fuel filter by squeezing the hand pump several times until the pump becomes hard.
- Then remove the fuel system bleed kit and reconnect the fuel line to the filter.
- Start the engine and check for leaks before refitting the engine cover.

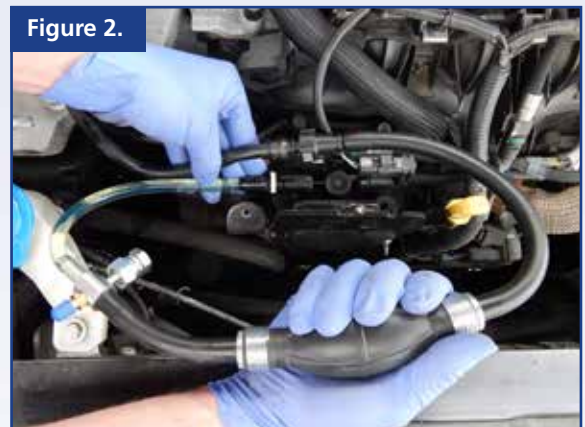


Figure 2.

Fuel System Bleed Kit installed and ready to use



ADG05528

Fuel System Bleed Kit



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