

DPF PRESSURE HOSE NOW AVAILABLE

The DPF Pressure Hoses fitted on the Ford Mondeo IV and its derivatives are prone to premature failure.

These vehicles are fitted with a pair of rubber hoses which run to and from the exhaust system either side of the DPF. These allow the connected pressure sensor to monitor the pressure differential either side of the DPF and consequently calculate how 'full' the DPF is and therefore when the car needs to carry out a regeneration. Due to the arduous conditions these hoses operate in, such as very high temperature fluctuations (up to 600 degrees during regen) it is not uncommon for these rubber hoses to become fatigued, hardened, brittle or scorched, which leads to the hoses failing causing incorrect readings to the Differential Pressure Sensor.

First Line strongly recommends that if the vehicle is reporting engine codes relating to the DPF or Differential Pressure Sensor, for example: P2002, P2452, or P2453, then there is a possibility that the Differential Pressure Sensor Hoses are the cause and require replacement. By inspecting these first you can save the vehicle owner timely and costly repairs as this is simply a 45 minute job. In order to gain access to the Differential Pressure Sensor, the vehicle will need to be on a ramp and the sub-frame cross brace, which is located just behind the engine, will need to be removed.

First Line has recognised the need for a premium quality replacement for these hoses and has introduced into the range FEH1000.

Why choose First Line?

- > Manufactured from OE specified materials to ensure premium quality at all times
- > Supplied as a complete assembly unit including locating clip and hose clamp quick release
- > Ready to fit - there is no need to cut to size
- > Technical Hotline: **01869 329 709**
- > 2 year / 24,000 miles warranty for total piece of mind

Important!

If the Mondeo MK IV produces any of these engine codes then check the DPF Hoses First, it could save you a lot of time!

- > **P2002** - Particle Filter : Efficiency below limit (cylinder bank 1)
- > **P2452** Ford - Diesel Particulate Filter Pressure Sensor 'A' Circuit
- > **P2453** Ford - Diesel Particulate Filter Pressure Sensor 'A' Circuit Range/Performance

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OUR FEH1000



FEH1000



Next time you have a Mondeo with a DPF problem - Think First Line!

FIRST LINE
THE ALL MAKES SPECIALIST

www.firstline.co.uk

FEH1000: DPF PRESSURE HOSE

Applicable Vehicles

Ford Mondeo IV 2.0TDCi 2007>14

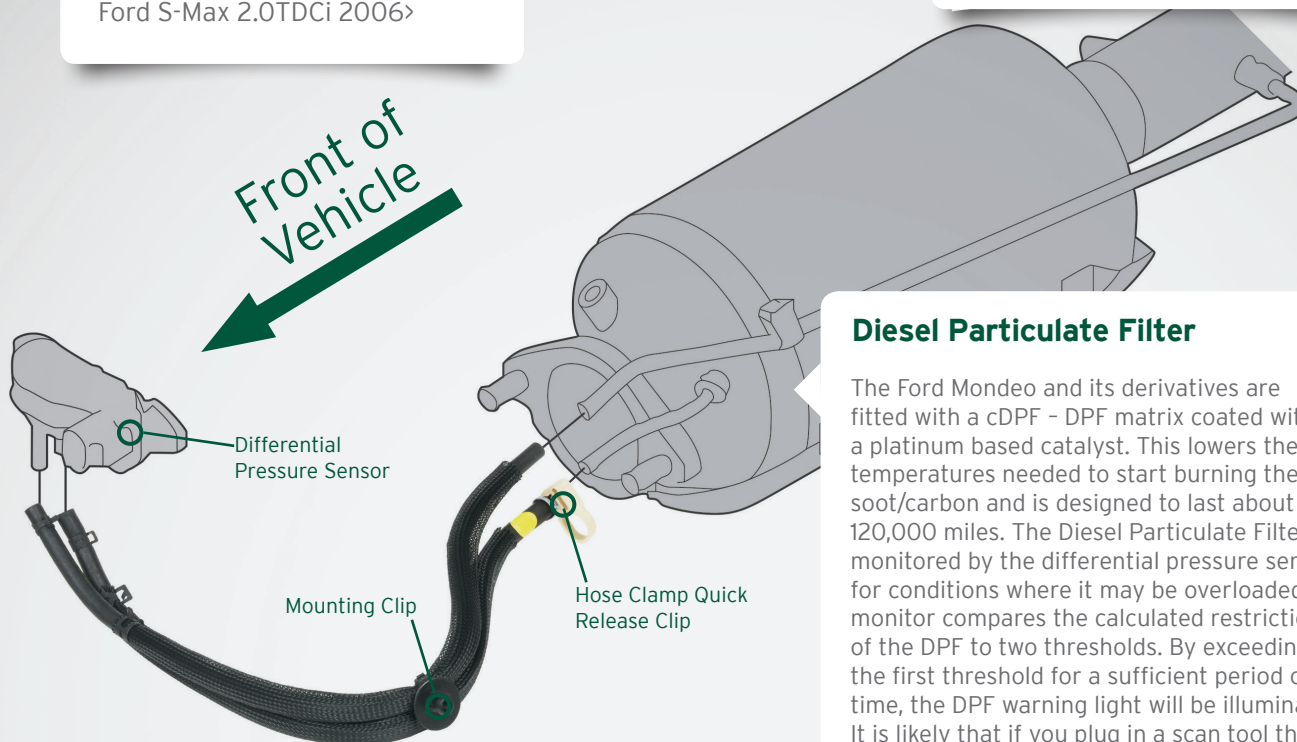
Ford Galaxy II 2.0TDCi 2006>

Ford S-Max 2.0TDCi 2006>

Cross References

Ford: 1440559

Ford: 6G915H241AA



Diesel Particulate Filter

The Ford Mondeo and its derivatives are fitted with a cDPF - DPF matrix coated with a platinum based catalyst. This lowers the temperatures needed to start burning the soot/carbon and is designed to last about 120,000 miles. The Diesel Particulate Filter is monitored by the differential pressure sensor for conditions where it may be overloaded. The monitor compares the calculated restriction of the DPF to two thresholds. By exceeding the first threshold for a sufficient period of time, the DPF warning light will be illuminated. It is likely that if you plug in a scan tool then the code shown will be P2002 - Particle Filter: Efficiency below limit (cylinder bank 1). Often in cases of the DPF indicator light being illuminated, the initial assumptions made are that the DPF needs replacing, which is a costly repair for the end user and may not be the cause of the light coming on. It is extremely unusual that a DPF will simply fail on its own as it is just a filter (the problems are usually upstream or to do with the actual system). At this stage the true fault needs identifying so that the DPF can regenerate itself and continue to do its job.

Often is the case that the code is just cleared and the vehicle is driven away. If the original problem is not found and the vehicle exceeds the second threshold for a sufficient period of time, the DPF warning light and the MIL will be illuminated and engine output will be limited and EGR is disabled. Effectively the vehicle will be in 'limp' mode as the DPF is likely full and may now need to be replaced along with any other components that have led to the failure.

FEH1000 - DPF Pressure Hose

If these hoses fail, the vehicles DPF will be unable to regenerate and an indicator will illuminate on the dashboard. When this happens the driver immediately fears the worst case that the DPF needs replacing. Luckily, replacing the hoses is much easier and considerably cheaper if diagnosed correctly!

Please be aware that this part consists of 2 hoses that are not equal in length and have different inner diameters, therefore it is essential to only replace them with OE matching specification hoses like FEH1000.

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