



Ford Mondeo With 1.8l | 2.0l and 2.5l petrol engine Built between 11/2000 and 09/2001

Poor vehicle start-up behaviour after long or short standstill.

If there are complaints with these vehicles that engine start-up is poor after a long or short standstill, this could be caused by fuel pressure being too low. A faulty fuel pump module causes the fuel pressure to drop too far when the vehicle is at a standstill. To eliminate the fault the fuel system has to be checked, the fuel pressure measured and the fuel pump module replaced if necessary. To do this proceed as follows:

- Check the fuel system from the tank to the injection system for leaks and repair if necessary.
- Measure fuel pressure. Connect a manometer to the test valve of the fuel rail. Run the engine at idling speed.
- Stop the engine and observe the pressure values. See the table below for reference values.
- If the pressure is outside the tolerance ranges, measure the pressure again directly at the fuel pump module to exclude other faulty components (e.g. blocked fuel filter) as possible causes.
- If the fuel pressure is still outside the tolerance ranges the fuel pump module must be replaced.

1.8l / 2.0l Duratec HE-engine		
Pressure	Tolerance +/- 5%	> 10 minutes
3.8 bar	3.61 – 3.99 bar	> 2.5 bar
2.5l Duratec HE-engine		
Pressure	Tolerance +/- 5%	> 10 minutes
4.5 bar	4.28 – 4.72 bar	> 3.2 bar