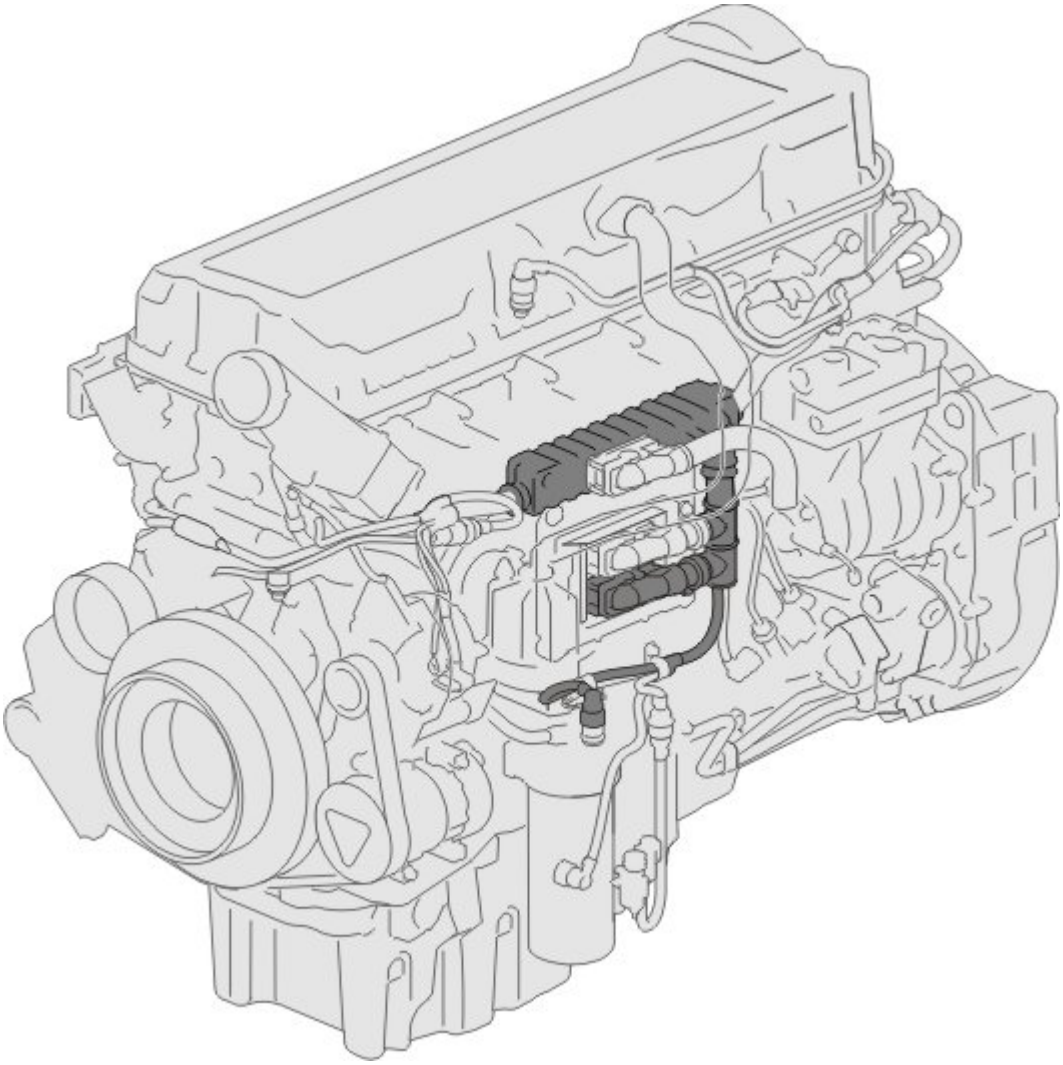
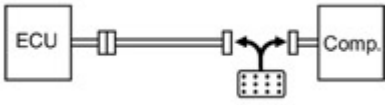
P008A - Low Pressure Fuel System Pressure - Too Low



Fault type	Condition for Fault	Observable Symptoms	Possible cause
P008A FTB00	• Fuel pressure too low.	• Difficult starting. • Low power.	• Fuel filter. • Fuel system. • Overflow valve. • Fuel pump. • Engine fuel pressure sensor. • Air in the fuel system.

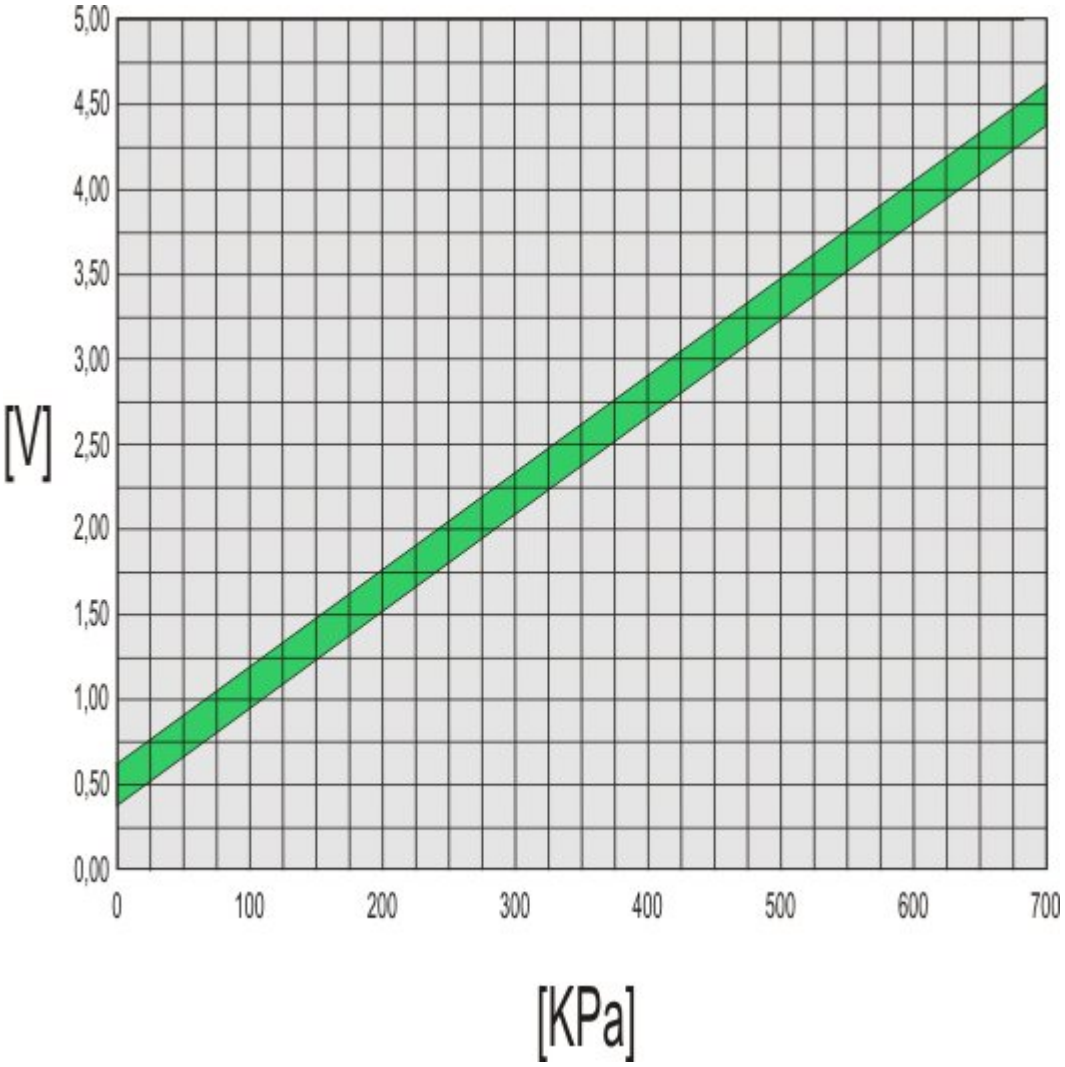
Voltage measurement



Measuring	Key position	Measurement points		Reference value	Measured value	Other (Special tool No.)
		Breakout box	Wiring diagram			

Measuring	Key position	Measurement points		Reference value	Measured value	Other (Special tool No.)
		Breakout box	Wiring diagram			
Sensor signal voltage	Start	2– 4	B51:2– B51:4	Reference Table		88890039, 88890074

Reference Table:



Visual check:

- Inspect fuel filter housing Back-Flow check valves to ensure they are not stuck open or leaking.
- Check fuel hoses and connections for leakage.
- Check that the fuel supply pressure is according to specification.
- Check if there are restrictions on the fuel system's suction side.
- Check that the fuel tank is free from rubbish and other contaminants.
- Check that the water separator is free from residue and fuel is of good quality.
- Check if the overflow valve opens at the specified(Pressure= 300 — 550kpa) opening pressure.
- Check the intermediate drive between the fuel pump and the servo pump for damage.
- Check the safety valve, pump rotor, pump housing and non-return valve for proper functioning.