

Pressure in idle check:

- Check LPG pressure when:
 - Water temperature over 80 °C
 - Engine is running in LPG mode in idle ($\approx$ 750 RPM)
 - Auxiliary electrical loads OFF,

The **operating pressure** of the LPG displayed on the diagnostic tool should be between **1.15 & 1.36 bar**, [usually the LPG pressure should be 0,9 - 0,95 bar over the manifold pressure].

Tank Manual Valve Check:

- Check that manual valve on the tank MultiValve unit is completely open.

Fuel supply hoses check:

- Check that no low pressure hoses are pinched (especially after a removal operation).
- Check that no low pressure hoses are damaged and clips or strips are correctly closed
- Check that no foreign body is inside the low pressure hoses
- Check the condition of the fuel filter; change it if necessary.
- Engine in GPL mode, running in idle and auxiliary load OFF → **attended pressure 1.3 bar**.
- Switch off the engine (leave key on to stay connected with the software) and check the pressure is still the same after 5 minutes, to assure that no leakage is present.

Pressure regulator check:

- Open EV reducer from the software or with +12V power supply (cold engine, only key ON) and check if you can immediately hear the clack noise of the opening.
- Check pressure on idle, GPL mode, AUX load OFF, warm engine → **gas pressure target 1.15 - 1.36 bar**.
- Remove vacuum pipe, idle, GPL mode → **pressure target 1.9 - 2 bar**
- In GPL mode, push accelerator and check that the pressure moves between **1.1 and 2 bar** and **MAP reference shall be approximately 0,95 bar less than GPL pressure**

LPG Fuel Trim check:

- Deal with the faults **DF633/DTC1170**, **DF635/DTC1301**, **DF636/DTC1302**, **DF637/DTC1303**, **DF638/DTC1304** and **DF639/DTC1300** if are present at the same time.
- Contact Techline with the completed fault finding log