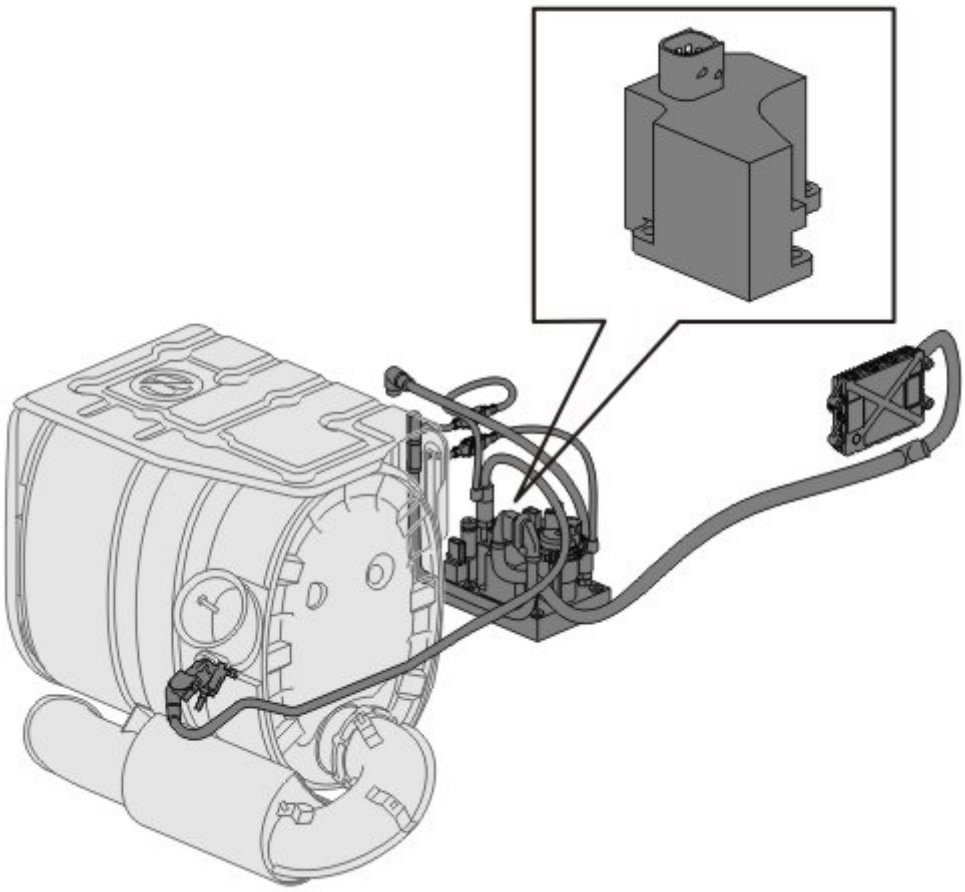


Fault type	Condition for Fault	Observable Symptoms	Possible cause
P20E7 FTB 97	• The air valve duty cycle is lower than expected.	• No atomization of Aftertreatment urea solution (DEF).	• Air line. • Non-return valve. • Air valve. • Nozzle.

Visual inspection:

- Check if the air filter is clean.
- Check that the nozzle is free from faults.
- Check that the Air valve is free from faults.
- Check the air lines between AdBlue Pump unit and Nozzle for leakage.
- Visual check the AdBlue component YB97 for any faults.

Purpose:

Check that the Base plate (Air line between Air valve and Air pressure sensor) is not blocked

Action:

- Remove component: Air valve.
- Test component for restrictions using workshop air supply (Maximum limit: 200 kPa (29 psi)).

Air supply, Check

Special tools: 9996926, 9996461, 992023, 991074, 992028, 9992976.

Action:

- Disconnect Air line (out).
- Connect measurement tools.
- Fill the pneumatic system to 900 kPa (130.5 psi).

Evaluation:

- Read the manometer pressure.
- Pressure range: 600 kPa (87 psi) to 900 kPa (130.5psi).