

Renault Trafic II With 1.9 dci engine (F9Q 760)

Poor engine running

If there are complaints about the above-mentioned fault, the cause could be a faulty fuel pressure control valve. The following complaints may arise:

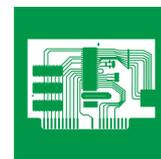
- Idle speed not constant (+/- 100 rpm).
- Engine judder when idling.
- Engine does not accelerate correctly.
- Engine judder when releasing the accelerator pedal.

The engine control lamp may also illuminate and faults P0087 (fuel distributor rail / system pressure too low) and/or P0089 (fuel pressure control valve 1 restricted function) may be stored. The following points should, however, be checked in advance:

- Intake of air entering through a leak, or leaks in the fuel circuit.
- Check the fuel filter, replace it if necessary.
- Check the internal resistance of the fuel pressure control valve. This must be 3 +/- 0.5 ohms.

If no faults can be found there, a mechanical failure in the pressure control valve must be assumed. The pressure control valve is located on the high-pressure pump. Proceed as follows:

- Remove the noise-reduction mat.
- Clean the area around the pressure control valve using compressed air.



- Disconnect the plug and unscrew the three fastening screws of the pressure control valve.
- Remove the old pressure control valve and clean the supporting surface.
- **Important!** Lightly lubricate the new pressure regulator with diesel, so as not to damage the seal ring when inserting the new pressure control valve.
- Using light rotational movements, press the new pressure control valve into its seat until the stop is reached.
- Tighten the screws firstly to 3 Nm and then to 6 Nm.
- Refasten the plug.
- Refit removed parts in reverse order.
- Delete possible fault codes.
- Carry out a test drive and check whether the fault has been eliminated.