

### Error message of the boost pressure regulator's position sensor, lack of performance, dropouts, MIL-control lamp

#### Caution:

Frequent malfunctions of the turbocharger occur due to defective position sensors of the boost pressure regulator. The cause for the malfunction is humidity in the actuator which enters through the vacuum hose. The actual place of action is the pressure transducer (EPW).

Symptoms on the vehicle are sporadically appearing errors in the measured value blocks of the boost pressure regulation such as "plausibility position sensor" or "electrical defect position sensor".

#### Countermeasures:

Check the engine compartment for water leakage, starting at the sealing of the windscreen frame, and for splash water from the wheel cases. The vehicle manufacturers offer a range of covers and a lot of accessories for to prevent the humidity in the engine compartment. Available retrofits have to be carried out according to the manufacturer's specifications. Another option would be to turn the cycle valve by 180 degrees. The manufacturer's specifications have to be respected here as well.

#### Important Measures:

In case of defective positioning sensors the turbo as well as the cycle valve have to be replaced. The vacuum hoses are to be cleaned thoroughly, checked for impermeability and installed without kinks. The ventilation caps of the new cycle valve is to be protected against humidity.



**Vehicle Manufacturer:** FIAT, PEUGEOT, CITROËN, IVECO

**Vehicle:** DUCATO, BOXER, JUMPER, DAILY 2.3L 150 Multijet, 3.0L HDI/JTD

**Engine code:** F1CE3481E, F1CE3481J, F1CE3481L, F1CE3481N

**Validity:** This service information is valid for renewing the turbocharger with

**BTS reference:** T916317; T916326

**OE-no.:** 806850-5001S, 806850-5003S, 796122-5001S, 796122-5005S, 796122-5007S

**Manufacturer part no.:** 5801415508, 71794945, 71795133, 71795134, 504373677, 0375R8, 71795131, 71795130

Please note: OE-references are only for means of comparison. The content of this Service Information is non-binding and is only for informational purposes. The manufacturer specifications have to be adhered to.