

febi 188086



To fit: Volkswagen Transporter T6 2.0 TDI

Engine codes: CXEB, CXGA,
CXGB, CXHA, CXHB, CXEC



Turbocharger

Problem

The engine warning lamp comes on during the test drive after the turbocharger has been replaced.

Error code 'P0183 Fuel Temperature Sensor Open circuit/ positive short' is stored in the engine control unit.

The error code does not appear to be related to the repair that has been carried out.

Cause

When removing and refitting the turbocharger, it is possible to mistakenly interchange the connectors for the fuel temperature sensor and the intercooler temperature sensor. Both connectors are a 2-pin design, and both sets of wires come from the same wiring harness and are very similar colours - yellow-orange for the fuel temperature sensor and yellow-light brown for the intercooler temperature sensor. (Fig.1)

Solution

Refit the connectors for the fuel temperature and intercooler temperature sensors into their correct positions. Reset any fault codes relating to this issue and road test.

Note: Before dismantling, it is recommend to mark one of the connectors and sensors with a coloured marker, as shown in Figure 3, to prevent them from being mixed up after the repair.



Fig. 1



Fig. 2: Fuel temperature sensor



Fig. 3: Intercooler temperature sensor

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