

284: ECM-4020 Fuel tank pressure sensor. Signal too high. Permanent fault

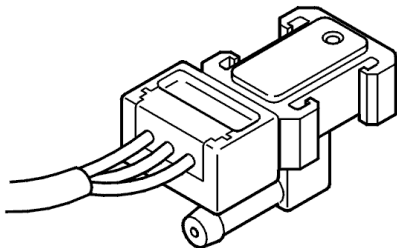
S80 (-06), 2000, B6284T, 4T65EV-GT, L.H.D

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284: ECM-4020 Fuel tank pressure sensor. Signal too high.
Permanent fault



Diagnostic trouble code (DTC) information

Condition

Diagnostic trouble code (DTC) **ECM-4020** is stored if the control module receives a signal from the fuel tank pressure sensor which corresponds to a pressure higher than 20 h Pa (0.29 psi) (high signal) or lower than -30 hPa (-0.435 psi) (low signal) and interprets it as a fault. If the signal is higher than 10 hPa (0.145 psi) directly after start-up with an engine coolant temperature (ECT) lower than 35°C (95°F), the control module interprets it as a fault (faulty signal) and diagnostic trouble code (DTC) **ECM-4020** is stored .

Substitute value

leakage diagnostic is disabled

Possible source

Signal too high:

- short-circuit to supply voltage in the signal cable
- open-circuit in the signal cable
- open-circuit in the ground lead.
- defective fuel tank pressure sensor

Signal too low:

- short-circuit to ground in the signal cable
- short-circuit to ground in power cable
- defective fuel tank pressure sensor

Faulty signal:

- contact resistance in terminals.
- defective fuel tank pressure sensor

Fault symptom[s]

- none

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