

Diagnostic trouble code (DTC) information

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Diagnostic trouble code (DTC) information

Condition

Diagnostic trouble code (DTC) ECM-510F (no signal) is stored if there is no communication between the ABS/brake control module (BCM) and the engine control module (ECM) or if the communication is distorted. An error message is sent to the engine control module (ECM) and diagnostic trouble code (DTC) ECM-510F (signal too high / too low) is stored in the engine control module (ECM). Diagnostic trouble codes (DTCs) for the vehicle speed sensor (VSS) signal are stored in the ABS / brake control module (BCM).

Substitute value

The vehicle speed signal from the ABS / brake control module (BCM) is set to 0 km/h

Possible source**Signal too high / low:**

- defective vehicle speed signal to the ABS / brake control module (BCM) A diagnostic trouble code (DTC) is stored in the ABS / brake control module (BCM).

Signal missing:

- contact resistance in the Controller area network (CAN) terminals
- open-circuit in one or both CAN cables
- one or both signal cables short-circuited to ground, voltage or each other
- defective ABS / brake control module (BCM)
- defective engine control module (ECM).

Fault symptom[s]

- Malfunction indicator lamp (MIL) lit.