

PGM-FI System

Vehicle Speed Sensor (VSS)



17

The Malfunction Indicator Lamp (MIL) indicates Diagnostic Trouble Code (DTC) 17: A problem in the Vehicle Speed Sensor (VSS) circuit.

The VSS generates a pulsing signal when the front wheels turn.

- The MIL has been reported on.
- With the SCS short connector connected (see page 11-14), code 17 is indicated.

Do the ECM Reset Procedure (see page 11-15).

Road test with A/T in **2** position, M/T in 2nd gear, accelerate to 4,000 rpm (min^{-1}), then decelerate to 1,500 rpm (min^{-1}) with throttle fully closed for at least 5 seconds.

Is the MIL on and does it indicate code 17?

NO

Intermittent failure, system is OK at this time.
Check for poor connections or loose wires between the VSS, the ECM.

YES

Block rear wheels and set the parking brake. Jack up the front of the car and support with safety stands.

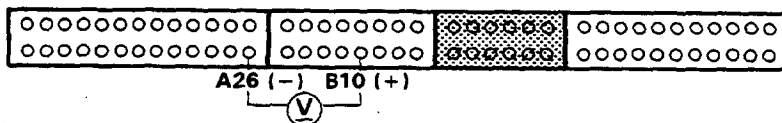
⚠ WARNING Block rear wheels before jacking up front of car.

Turn the ignition switch OFF.

Connect the test harness between the ECM and connectors (see page 11-17).

Turn the ignition switch ON.

Block the right front wheel and slowly rotate left front wheel and measure voltage between B10 (+) terminal and A26 (-) terminal.



NOTE: Transmission in **N** position (A/T).

Does voltage pulse 0 V and approx. 5 V?

NO

Turn the ignition switch OFF.

YES

Substitute a known-good ECM and recheck. If symptom/indication goes away, replace the original ECM.

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