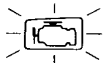


PGM-FI Control System

Troubleshooting Flowchart — Vehicle Speed Sensor



Self-diagnosis LED indicates code 17: A problem in the Vehicle Speed Sensor circuit.

- Check Engine warning light has been reported on.
- LED indicates CODE 17.

Turn the ignition switch OFF.

Remove CLOCK fuse in the under-hood relay box for 10 seconds to reset ECU.

Road test necessary.
In 2nd gear accelerate to 3,500 min⁻¹ (rpm), then decelerate to 1,500 min⁻¹ (rpm) with throttle fully closed.

Is Check Engine warning light on and does LED indicate CODE 17?

NO

Intermittent failure, system is OK at this time.
Check for poor connections or loose wires at C129 and C240.

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.

Connect the ECU test harness between the ECU and connector (page 6-116).

Turn the ignition switch ON.

Slowly rotate left front wheel and measure voltage between B10 (+) terminal and A26 (-) terminal.

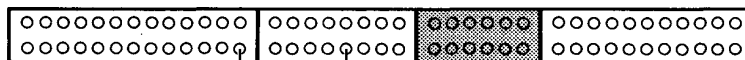
Does voltage pulse 0 V and 5 V?

NO

- Repair open or short in WHT/BLU wire between ECU (B10) and the speed sensor.
- Faulty speed sensor.
- Substitute a known-good ECU and recheck. IF symptom/indication goes away, replace the original ECU.

YES

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



A26 (-) B10 (+)
0 ↔ 5 V?