

PGM-FI Control System

Troubleshooting Flow Chart — Vehicle Speed Pulser



Self-diagnosis Red LED indicator blinks seventeen times: A problem in the Vehicle Speed Pulser circuit.

- Check engine warning light is on.
- Red LED indicates CODE 17.

Drive vehicle and operate cruise control.

Does cruise control operate properly?

NO

See Cruise Control System Inspection (section 23).

YES

Connect the PGM-FI test harness between the ECU and connector (page 6-23). Disconnect "B" connector from the R. side wire harness.

Turn the ignition switch ON.

Measure voltage between B11 (+) terminal and A18 (-) terminal.

Is there approx. 5V?

NO

Substitute a known-good ECU and recheck. If prescribed voltage is now available replace the original ECU.

YES

Turn the ignition switch OFF.

Reconnect "B" connector to the R. side wire harness.

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

Turn the ignition switch ON.

Slowly rotate left front wheel and measure voltage between B11 (+) terminal and A18 (-) terminal.

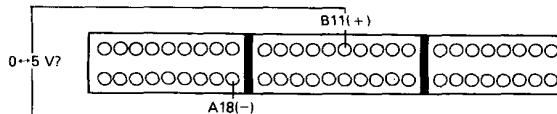
Does voltage pulse 0V and 5V?

NO

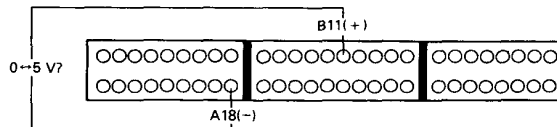
Repair open or short in YEL/RED wire between ECU (B16) and the speed pulser.

YES

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WARNING Block rear wheels before jacking up front of car.





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