

PGM-CARB Control System

Troubleshooting Flow Chart — Vehicle Speed Sensor

② Self-diagnosis LED indicator blinks two times: A problem in the Vehicle Speed circuit.

LED indicates CODE 2.

Connect the ECU test harness between the control unit and connector (page 6-20).

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.

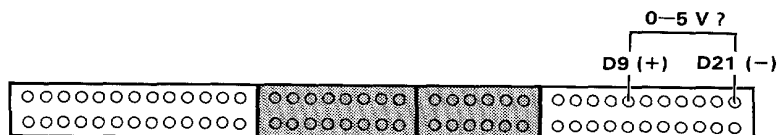
Slowly rotate front wheel and measure voltage between D9 (+) terminal and D21 (-) terminal.

Does voltage pulse 0 V and 5 V ?

YES

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

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



Turn the ignition switch OFF.

Disconnect D connector from the control unit only, not the wire harness.

Turn the ignition switch ON.

Slowly rotate front wheel and measure voltage between D1 (-) terminal and D9 (+) terminal.

Does voltage pulse 0 V and 12 V ?

YES

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

—Repair open or short in ORN wire between control unit (D9) and the speed sensor.
—Faulty speed sensor.

