

# PGM-CARB Control Unit [KX, KS, KZ model]

## Troubleshooting Flow Chart — Vehicle Speed Sensor



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

LED indicates CODE 2.

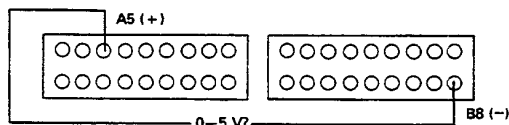
Connect the ECU check adaptor A and B between the control unit and connector (page 6-91).

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 A5 (+) terminal and B8 (-) terminal.

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



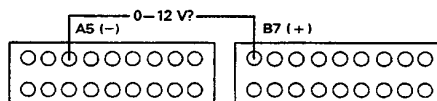
Does voltage pulse 0V and 5V?

NO

Turn the ignition switch OFF.

Disconnect A and B connector from the control unit only, not the wire harness.

Turn the ignition switch ON.



Slowly rotate left front wheel and measure voltage between B7 (+) terminal and A5 (-) terminal.

Does voltage pulse 0V and 12V?

NO

- Repair open or short in WHT/BLU wire between control unit (A5) and the speed sensor.  
- Faulty speed sensor.

YES

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

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