

PGM-FI Control System

Troubleshooting Flowchart — CYL Sensor [1.6 l DOHC only]



Self-diagnosis LED indicates code 9: A problem in the CYL Sensor.

- Check Engine warning light has been reported on.
- LED indicates CODE 9.

Turn the ignition switch OFF.

Remove HAZARD fuse in the main fuse box for 10 seconds to reset ECU.

Start engine.

Is Check Engine warning light on and does LED indicate CODE 9?

NO

Intermittent failure, system is OK at this time (test drive may be necessary).
Check for poor connection or loose wires at the distributor connector.

YES

Stop engine.

Disconnect the 2P connector from the CYL sensor.

Measure resistance between 2 terminals on the CYL sensor.

Is there 700–1,000 Ω ?

NO

Replace CYL sensor (page 6-118).

YES

Check for continuity to body ground on the 2 terminals individually.

Does continuity exist ?

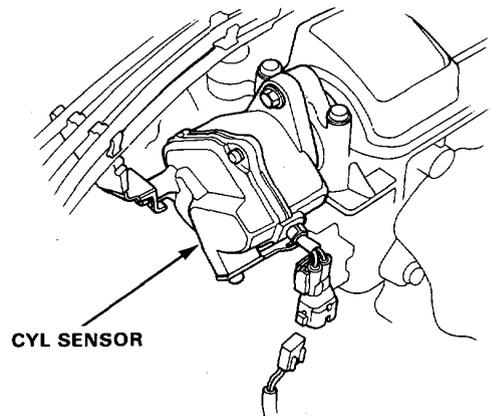
YES

Replace CYL sensor (page 6-118).

NO

Reconnect the connector.

(To page 6-105)





(From page 6-104)

Connect the PGM-FI test harness only to the main wire harness, not to the ECU (page 6-75).

Measure resistance between C1 terminal and C2 terminal.

Is there 700-1000 Ω ?

NO

Repair open in BLU/GRN and/or BLU/YEL wires.

YES

Check for continuity to body ground on C1 terminal.

Does continuity exist?

YES

Repair short in BLU/GRN wire between ECU (C1) and distributor connector.

NO

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

