

PGM-FI Control System

Troubleshooting Flow Chart — CYL Sensor [DOHC]



Self-diagnosis LED indicator blinks nine times: 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?
Does LED indicate CODE 9?

NO

YES

Intermittent failure, system is OK at this time (test drive may be necessary).
Check for poor connections or loose wires at the distributor connector and C210 (round connector located at the right shock tower).

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

YES

Replace CYL sensor.

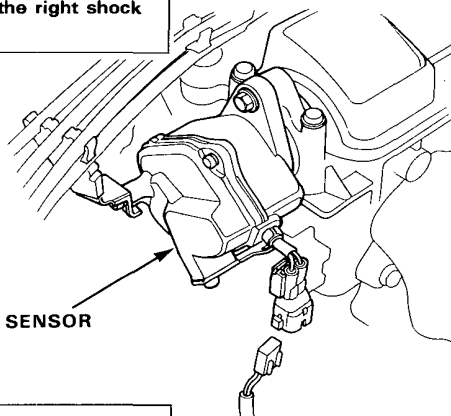
Check for continuity to body ground on the 2 terminals individually.

Does continuity exist?

YES

NO

Replace CYL sensor.



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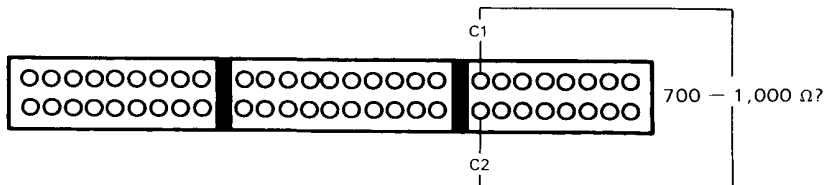


(From page 6-40)

Reconnect the connector.

Connect the PGM-FI test harness only to the main wire harness, not to the ECU (page 6-16).

Measure resistance between C1 terminal and C2 terminal.



Is there 700—1,000 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.