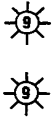
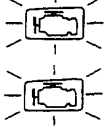


# PGM-FI Control System

## Troubleshooting Flow Chart — CYL Sensor



Self-diagnosis LED indicator blinks nine times: A problem in the CYL sensor.

- PGM-FI warning light has been reported on.
- LED indicates CODE 9.

Turn the ignition switch OFF.

Remove CLOCK fuse in the under-hood relay box for 10 seconds to reset ECU.

Start engine.

Is PGM-FI warning light on?  
Does LED indicate CODE 9?

NO

Intermittent failure  
(test drive may be necessary).

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  $\Omega$ ?

NO

Replace CYL sensor  
(page 6-173).

YES

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

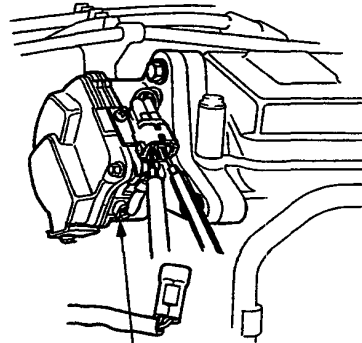
Does continuity exist?

YES

Replace CYL sensor  
(page 6-173).

NO

(To page 6-161)



CYL SENSOR



(From page 6-160)

Reconnect the connector.

Connect the system checker harness only to the wire harness, but not to the ECU (page 6-137).

Measure resistance between C1 terminal and C2 terminal.

Is there 700 — 1,000  $\Omega$  ?

NO Repair open in ORN and/or WHT wires.

YES

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

