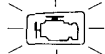


PGM-FI Control System

Troubleshooting Flow Chart — TDC Sensor



Self-diagnosis LED indicator blinks eight times: A problem in the TDC sensor.

- Check engine warning light has been reported on.
- LED indicates CODE 8.

Turn the ignition switch OFF.

Remove ALTERNATOR SENSE fuse in the underhood relay box for 10 seconds to reset ECU.

Start engine.

Is Check engine warning light on?

NO

Intermittent failure
(test drive may be necessary).

YES

Stop engine.

Disconnect the 2P connector on the distributor.

Measure resistance between WHT/BLU terminal and ORN/BLU terminal.

Is there 500 — 1,000 Ω ?

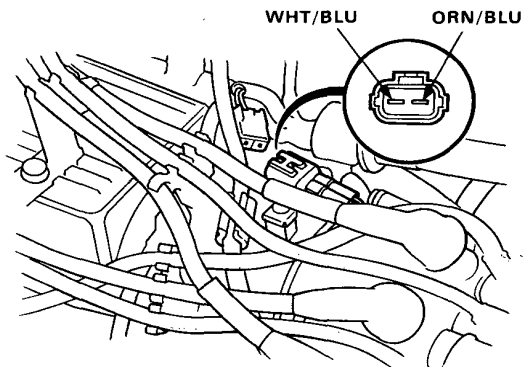
NO

Replace TDC sensor
(page 6-34).

YES

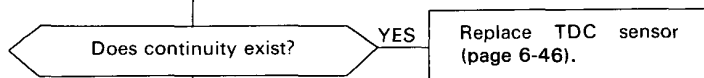
Check for continuity to body ground on WHT/BLU terminal and ORN/BLU terminal individually.

(To page 6-45)





(From page 6-44)

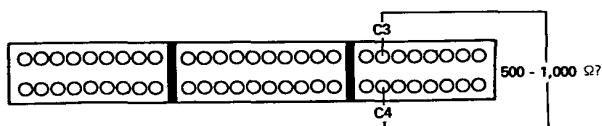


NO

Reconnect the connector.

Connect the system checker harness only to the R. side wire harness, but not to the ECU (page 6-23).

Measure resistance between C3 terminal and C4 terminal.



Is there 500 — 1,000 Ω ?

NO

Repair open in ORN/BLU and/or WHT/BLU wires.

YES

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

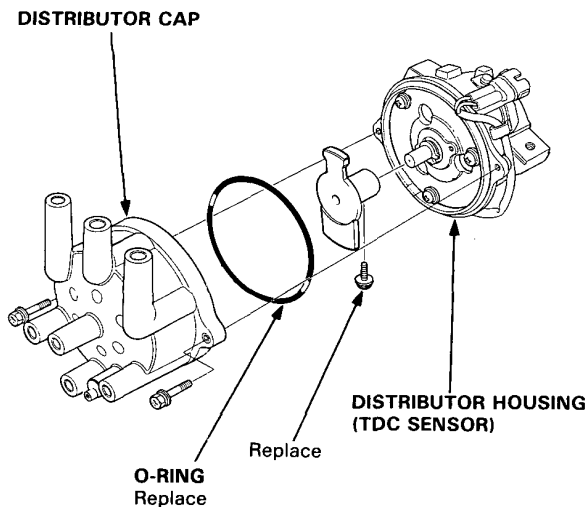
(cont'd)

PGM-FI Control System

Troubleshooting Flow Chart — TDC Sensor (cont'd)

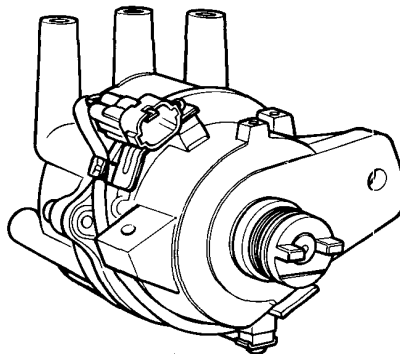
Removal:

1. Remove the distributor (section 23).
2. Remove the distributor cap from the distributor housing (TDC sensor).



Installation:

1. Install a new O-ring.
2. Install the distributor cap to the distributor housing (TDC sensor).



3. Install the distributor to the cylinder head (section 23).