PGM-FI Control System

-(4)- Self-diagnosis LED indicator blinks four times: A problem in the CRANK circuit of the TDC/CRANK Sensor.
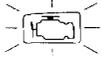
-(8)- Self-diagnosis LED indicator blinks eight times: A problem in the TDC circuit of the TDC/CRANK Sensor.

-(4)-

```
┌─────────────────────────────┐
│ – Check Engine warning light │
│   has been reported on.      │
│ – LED indicates CODE 4.      │
└─────────────────────────────┘
              │
┌─────────────────────────────┐
│ Turn the ignition switch OFF.│
└─────────────────────────────┘
              │
┌─────────────────────────────┐
│ Remove HAZARD fuse in the    │
│ main fuse box for 10 seconds │
│ to reset ECU.                │
└─────────────────────────────┘
              │
┌─────────────────────────────┐
│ Start engine.                │
└─────────────────────────────┘
              │
```


D
E

```
< Is Check Engine warning light on ?        > ──NO──> ┌──────────────────────────┐
< Does LED indicate CODE 4 ?                 >        │ Intermittent failure     │
              │                                       │ (test drive may be       │
             YES                                      │ necessary).              │
              │                                       └──────────────────────────┘
┌─────────────────────────────┐
│ Stop engine.                 │
└─────────────────────────────┘
              │
┌─────────────────────────────┐
│ Disconnect 6P connector from │
│ the TDC/CRANK sensor.        │
└─────────────────────────────┘
              │
┌─────────────────────────────┐
│ Measure resistance between D │
│ terminal and E terminal.     │
└─────────────────────────────┘
              │
< Is there 350–550 Ω ? > ──NO──> ┌────────────────────────────────┐
              │                   │ Replace the distributor assembly│
             YES                  │ (section 16).                   │
              │                   └────────────────────────────────┘
┌─────────────────────────────┐
│ Check for continuity to body │
│ ground on D terminal and E   │
│ terminal individually.       │
└─────────────────────────────┘
              │
```
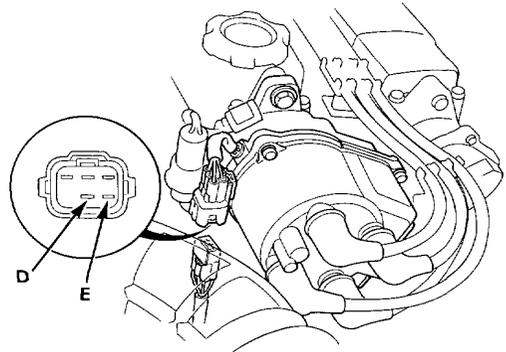
(To page 6-33)

(From page 6-32)
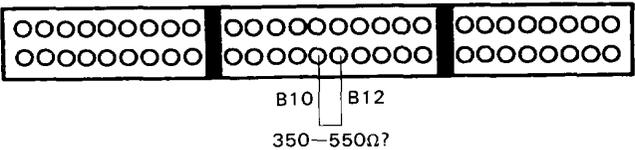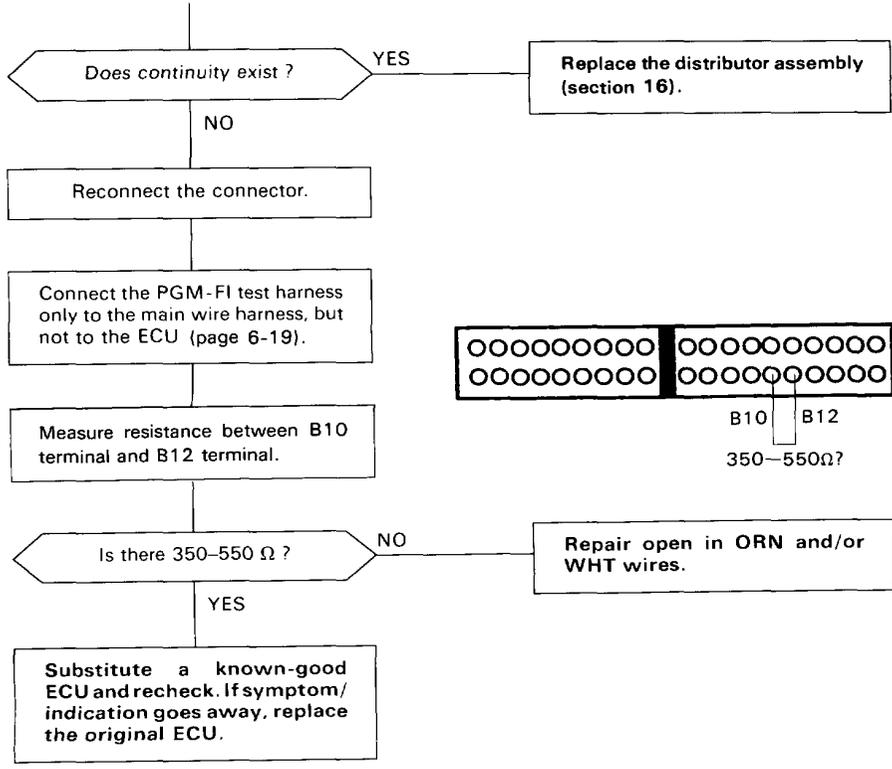
Does continuity exist ? — YES → **Replace the distributor assembly (section 16).**

NO

Reconnect the connector.

Connect the PGM-FI test harness only to the main wire harness, but not to the ECU (page 6-19).

Measure resistance between B10 terminal and B12 terminal.

B10 | B12
350—550Ω?

Is there 350–550 Ω ? — 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.

PGM-FI Control System
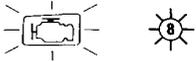
```
┌─────────────────────────────┐
│ – Check Engine warning light│
│   has  been reported on.    │
│ – LED indicates CODE 8.     │
└─────────────────────────────┘
              │
┌─────────────────────────────┐
│ Turn the ignition switch OFF.│
└─────────────────────────────┘
              │
┌─────────────────────────────┐
│ 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 8 ?   **NO** ──→ **Intermittent failure (test drive may be necessary).**

YES

```
┌─────────────────────────────┐
│        Stop engine.         │
└─────────────────────────────┘
              │
┌─────────────────────────────┐
│ Disconnect  the  6P  connector│
│ from the TDC/CRANK sensor.  │
└─────────────────────────────┘
              │
┌─────────────────────────────┐
│ Measure  resistance  between B│
│ terminal and C terminal.    │
└─────────────────────────────┘
              │
```

Is there 350—550 Ω ?   **NO** ──→ **Replace the distributor assembly (section 16).**

YES

```
┌─────────────────────────────┐
│ Check  for  continuity  to body│
│ ground on B terminal and C ter-│
│ minal individually.         │
└─────────────────────────────┘
              │
```

Does continuity exist ?   **YES** ──→ **Replace the distributor assembly (section 16).**

NO

```
┌─────────────────────────────┐
│ Reconnect the connector.    │
└─────────────────────────────┘
              │
```
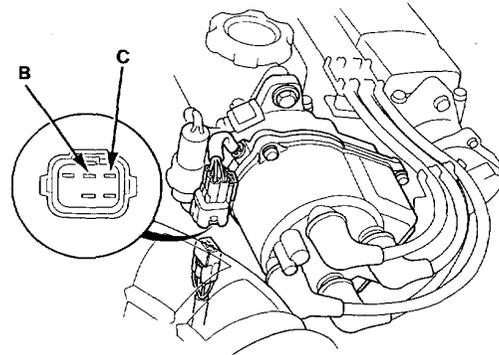
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6-34

Connect the PGM-FI test harness only to the main wire harness, but not to the ECU (page 6-19).

Measure resistance between C3 terminal and C4 terminal.

Is there 350 — 550 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.

C3

C4

350 - 550 Ω?