

Fuel Supply System

PGM-FI Main Relay

Troubleshooting Flowchart

— Engine will not start.
— Inspection of PGM-FI main relay and relay harness.

Disconnect the PGM-FI main relay connector.

Measure the voltage between YEL/BLU (+) terminal ① and body ground.

Is there battery voltage?

NO

NOTE: The inertia switch must be reset by pressing the button.

— Replace the ECM (ECM) (10 A) fuse in the under-hood fuse/relay box.
— Repair open in the YEL/BLU wire between the PGM-FI main relay and the ECM (ECM) (10 A) fuse.

YES

Turn the ignition switch ON.

Measure the voltage between BLK/RED (+) terminal ⑤ and body ground.

Is there battery voltage?

NO

Disconnect the 3P connector from the inertia switch.

Measure the voltage between BLK/YEL (+) terminal and BLK/RED (-) terminal.

Is there battery voltage?

NO

Replace the inertia switch.

YES

Measure the voltage between BLK/RED (+) terminal ⑤ and BLK or *BLK/BLU (-) terminal ②.

*: with spider system model.

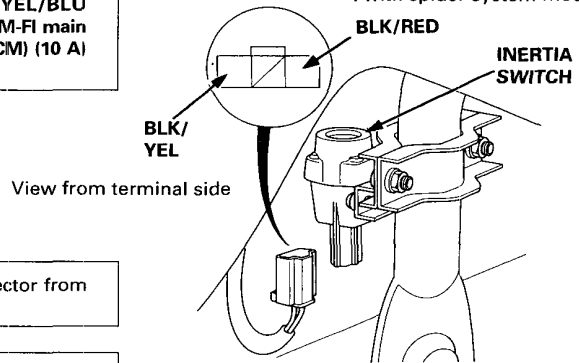
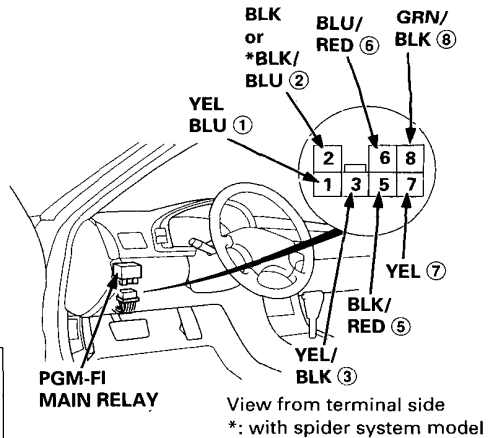
Is there battery voltage?

NO

— Repair open in BLK wire between PGM-FI main relay and G101 (located at thermostat housing).
— Repair open in BLK/BLU wire between PGM-FI main relay and spider unit (with spider system model only).
— Check the spider unit (with spider system model only).

YES

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— Replace the No. 2 ECU (ECM) (15 A) fuse in the under-dash fuse/relay box.
— Repair open in the BLK/YEL wire between the inertia switch and the No. 2 ECU (ECM) (15 A) fuse.
— Repair open in the BLK/RED wire between the PGM-FI main relay and inertia switch.



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Turn the ignition switch to the START position.

Measure the voltage between BLU/RED (+) terminal ⑥ and body ground.

Is there battery voltage?

NO

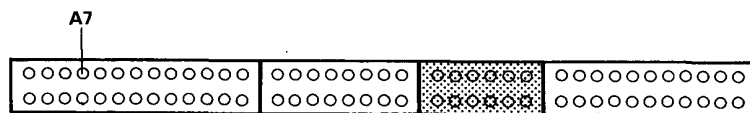
NOTE: A/T: Transmission in **N** or **P** position.

- Replace the No. 12 STARTER SIGNAL (7.5 A) fuse in the under-dash fuse/relay box.
- Repair open in the BLU/RED wire between the PGM-FI main relay and the No. 12 STARTER SIGNAL (7.5 A) fuse.

YES

Turn the ignition switch OFF.

Connect the test harness between the ECM and connectors. Disconnect "A" connector from the ECM only, not the main wire harness.



Check for continuity between GRN/BLK terminal ⑧ and A7 terminal.

Is there continuity?

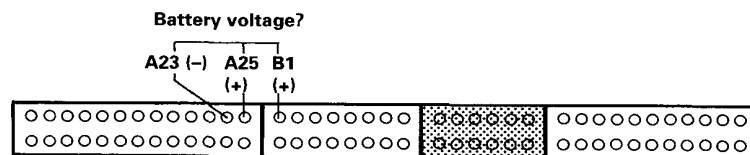
NO

- Repair open in GRN/BLK wire between ECM (A7) and PGM-FI main relay.

YES

Reconnect "A" connector to the ECM.

Connect the PGM-FI main relay connector.



Turn the ignition switch ON.

Measure the voltage between A23 (-) terminal and the following terminals; A25 (+), B1 (+).

Is there battery voltage?

NO

- Repair open in the YEL/BLK wire ③ between the ECM (A25, B1) and PGM-FI main relay.
- Repair open in the BLK wire between the ECM (A23) and G101 (located at thermostat housing).
- Replace the PGM-FI main relay.

YES

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(cont'd)

Fuel Supply System

PGM-FI Main Relay (cont'd)

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