

Fuel Supply System

Main Relay (cont'd)

Troubleshooting Flowchart

– Engine will not start.
– Inspection of main relay.

Disconnect the main relay connectors.

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

Is there battery voltage?

NO

Replace ACG fuse.

YES

Turn the ignition switch ON.

Measure the voltage between BLK/YEL terminal ⑤ and body ground.

Is there battery voltage?

NO

Replace No. 2 fuse.

YES

Measure the voltage between BLK/YEL terminal ⑥ and body ground.

Is there battery voltage?

NO

Replace IG COIL fuse.

YES

Turn the ignition switch START position with the clutch pedal depressed.

Measure the voltage between BLK/WHT terminal ④ and body ground.

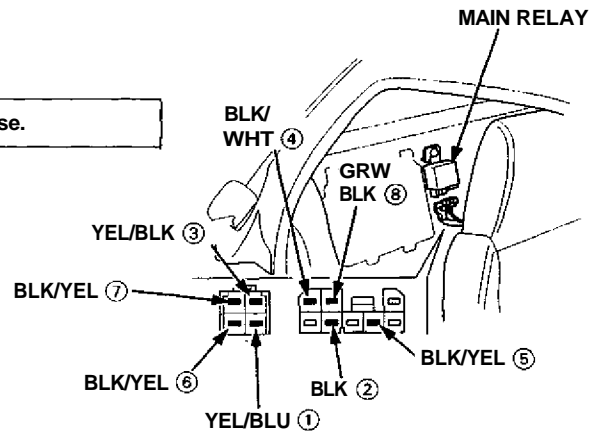
Is there battery voltage?

NO

Replace No. 7 fuse.

YES

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Turn the ignition switch off.

Connect the ECU test harness between the ECU and connector. Disconnect "A" connector from the ECU only, not the main wire harness (page 11-21).

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

Does continuity exist?

NO

Repair open in GRN/BLK wire between ECU (A7) and Main Relay.

YES

Reconnect "A" connector to the ECU. Reconnect the main relay.

Turn the ignition switch ON.

Measure the voltage between A25 (+) terminal and A23 (-) terminal.

Is there battery voltage?

NO

Replace main relay.

YES

Turn the ignition switch OFF.

Measure the voltage between A7 (+) terminal and A23 (-) terminal when the ignition switch is first turned ON.

Is there 1V or less? (for 2 seconds)

NO

Substitute a known-good ECU and recheck. If prescribed voltage is now available, replace the original ECU.

YES

Replace main relay.

battery voltage?
A23 (-) A25 (+)



1V or less?
A7 (+) A23 (-)

