

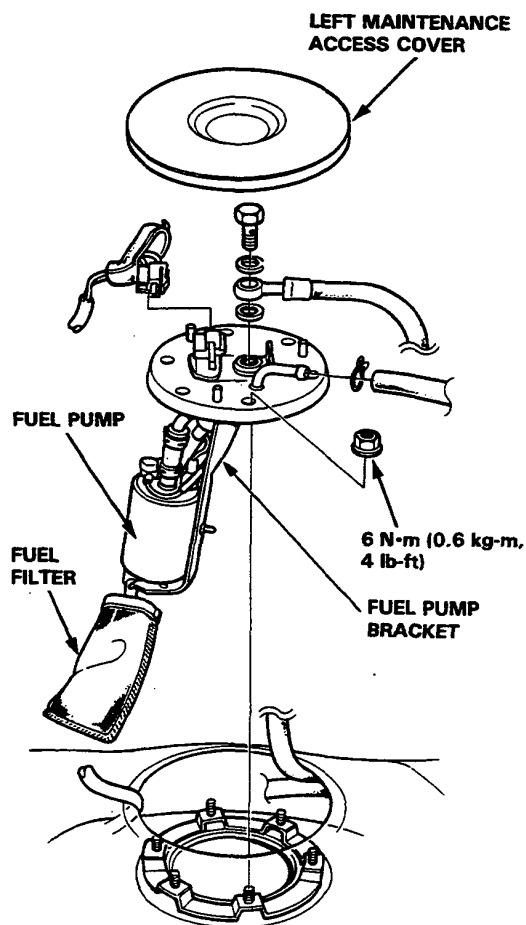


Main Relay

Replacement

WARNING Do not smoke while working on fuel system. Keep open flames away from your work area.

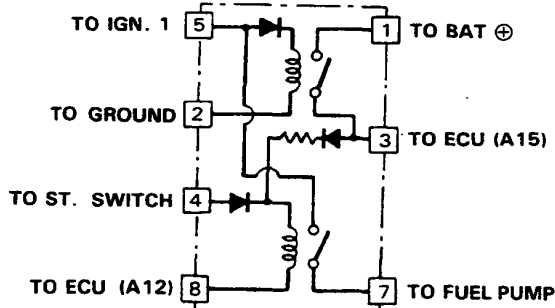
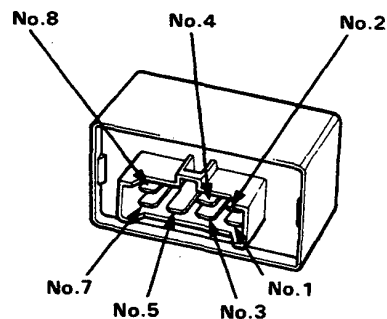
1. Relieve fuel pressure (page 6-189).
2. Remove the left maintenance access cover in the luggage area.
3. Disconnect the fuel lines and connector.
4. Remove the fuel pump mounting nuts.
5. Remove the fuel pump from the fuel tank.



Test

1. Remove the main relay, near the under-dash fuse box.
2. Attach the battery positive terminal to the No. 4 terminal and the battery negative terminal to the No. 8 terminal of the main relay. Then check for continuity between the No. 5 terminal and No. 7 terminal of the main relay.

- If there is continuity, go on to step 3.
- If there is no continuity, replace the relay and retest.



3. Attach the battery positive terminal to the No. 5 terminal and the battery negative terminal to the No. 2 terminal of the main relay. Then check that there is continuity between the No. 1 terminal and No. 3 terminal of the main relay.

- If there is continuity, go on to step 4.
- If there is no continuity, replace the relay and retest.

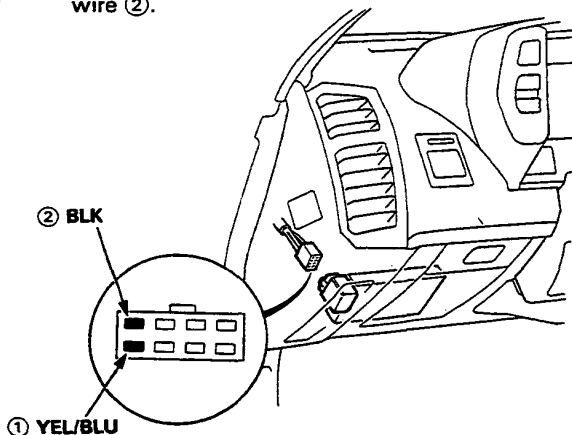
4. Attach the battery positive terminal to the No. 3 terminal and battery negative terminal to the No. 8 terminal of the main relay. Then check that there is continuity between the No. 5 terminal and No. 7 terminal of the main relay.

- If there is continuity, the relay is OK; If the fuel pump still does not work, go to Harness Test in the next column.
- If there is no continuity, replace the relay and retest.

Main Relay

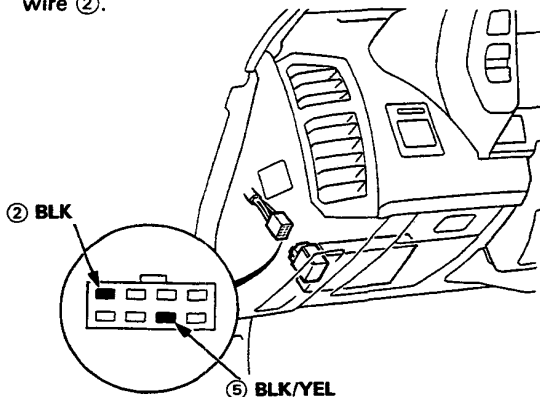
Harness Test

1. Keep the ignition switch in the OFF position.
2. Disconnect the main relay connector.
3. Check for continuity between the BLK wire ② in the connector and body ground.
4. Attach the positive probe of voltmeter to the YEL/BLU wire ① and the negative probe to the BLK wire ②.



Battery voltage should be available.

- If there is no voltage, check the wiring between the battery and the main relay as well as EFI ECU fuse (10A) in the under-hood relay box.
5. Attach the positive probe of voltmeter to the BLK/YEL wire ⑤ and the negative probe to the BLK wire ②.

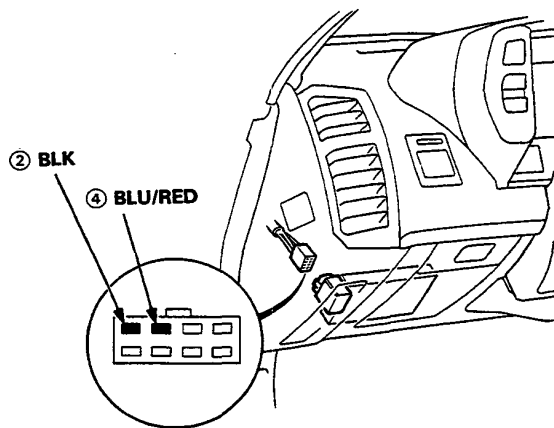


6. Turn the ignition switch ON.

Battery voltage should be available.

- If there is no voltage, check the wiring from the ignition switch and the main relay as well as No. 12 (10A) fuse.

7. Attach the positive probe of voltmeter to the BLU/RED wire ④ and the negative probe to the BLK wire ②.

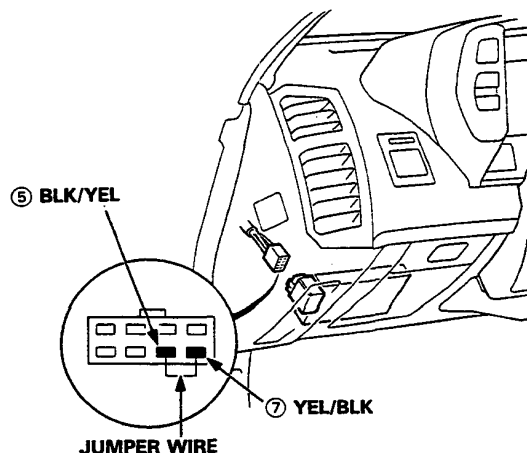


8. Turn the ignition switch to START position.

Battery voltage should be available.

- If there is no voltage, check the wiring between the ignition switch and main relay as well as No. 1 (7.5A) fuse.

9. Connect a jumper wire between the BLK/YEL wire ⑤ and YEL/BLK wire ⑦.



10. Turn the ignition switch ON.

The fuel pump should work.

- If the fuel pump does not work, check the wiring between the main relay and fuel pump, and the wiring from the fuel pump to the ground (BLK wire).