

Troubleshooting

Flowchart — Recirculation Control Motor

Recirculation function does not work properly.

Remove the glove box lower panel (see page 21-54).

Disconnect the 4P connector from the recirculation control motor.

Turn the ignition switch ON.

Measure voltage between the BLK/YEL wire terminal (+) and body ground (-).

Is there battery voltage?

YES

NO

Repair open in the BLK/YEL wire between the No. 19 (7.5A) fuse in the under-dash fuse/relay box and the recirculation control motor.

Turn the ignition switch OFF.

Test the recirculation control motor (see page 21-63).

Is the recirculation control motor OK?

YES

NO

Remove the recirculation control motor (see page 21-63).

Check the recirculation control linkage and doors for smooth movement.

Do the recirculation control linkage and doors move smoothly?

YES

NO

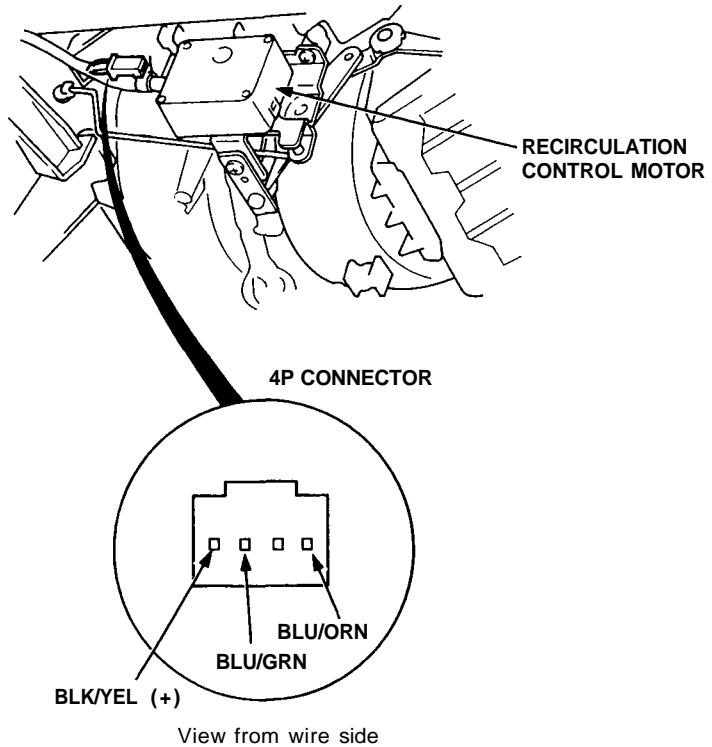
Repair the recirculation control linkage or doors.

Replace the recirculation control motor.

Remove the heater control panel (see page 21-13).

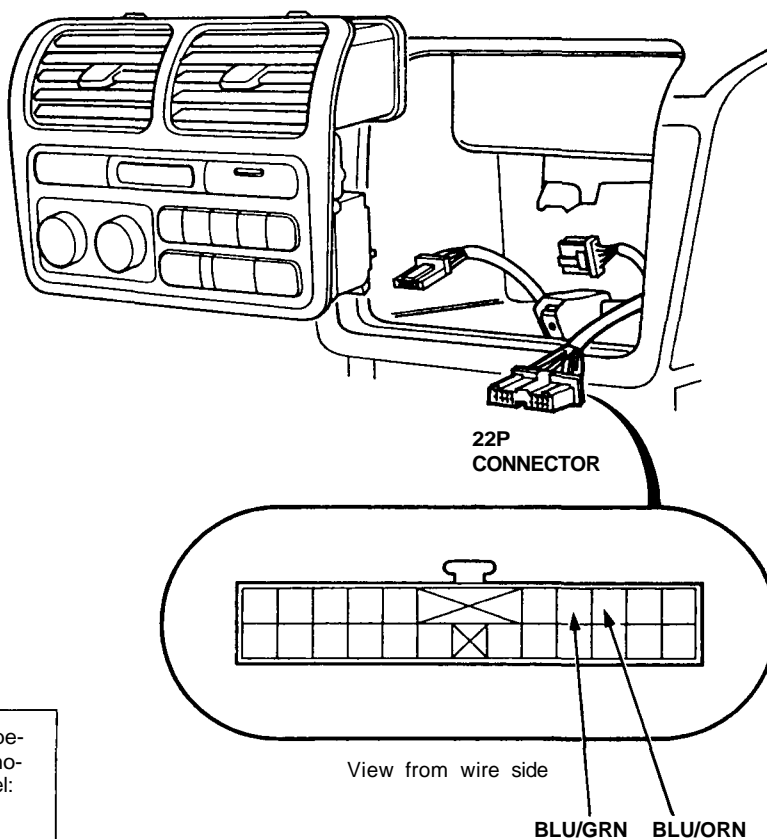
Disconnect the 22P connector from the heater control panel.

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Check each wire for continuity between the recirculation control motor and the heater control panel:

- BLU/ORN wire
- BLU/GRN wire

Is there continuity?

NO

Repair any open in the wire(s) between the recirculation control motor and the heater control panel.

YES

Check each wire for continuity between the recirculation control motor and body ground:

- BLU/ORN wire
- BLU/GRN wire

Is there continuity?

YES

Repair any short in the wire(s) between the recirculation control motor and the heater control panel.

NO

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