

# Troubleshooting

## Flowchart — Recirculation Control Motor

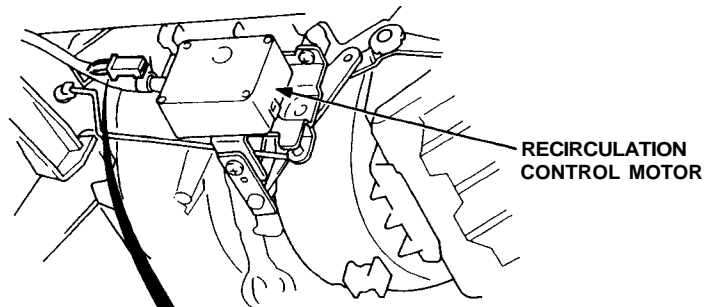
Recirculation function does not work properly.

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

Disconnect the 4P connector from the recirculation control motor.

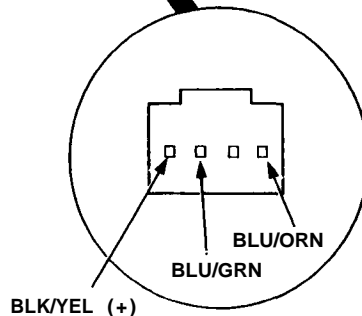
Turn the ignition switch ON.

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



RECIRCULATION CONTROL MOTOR

4P CONNECTOR



View from wire side

Is there battery voltage?

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.

YES

Turn the ignition switch OFF.

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

Is the recirculation control motor OK?

NO

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

YES

Remove the climate control unit  
(see page 22-6).

Disconnect the 30P connector from the climate control unit.

Check the recirculation control linkage and doors for smooth movement.

Do the recirculation control linkage and doors move smoothly?

NO

Repair the recirculation control linkage or doors.

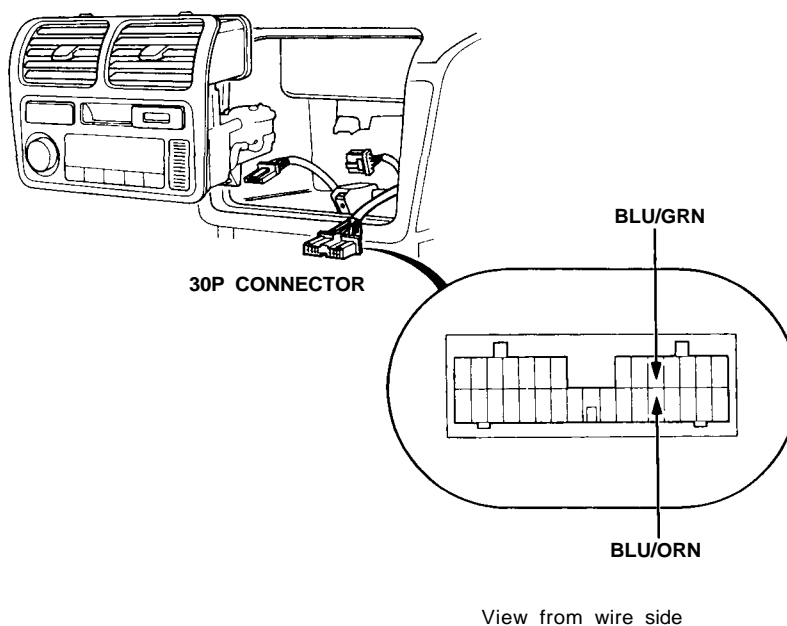
YES

Replace the recirculation control motor.

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From page 22-22



Check each wire for continuity between the recirculation control motor and the climate control unit:

- BLU/ORN wire
- BLU/GRN wire

Is there continuity?

NO

Repair any open in the wire(s) between the recirculation control motor and the climate control unit.

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 climate control unit.

NO

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