

Troubleshooting

Recirculation Control Motor

Recirculation control door does not change between FRESH and RECIRCULATE.

Disconnect the recirculation control motor 5P connector.

Turn the ignition switch ON (II).

Measure the voltage between the No. 1 terminal (+) and body ground (-).

Is there battery voltage?

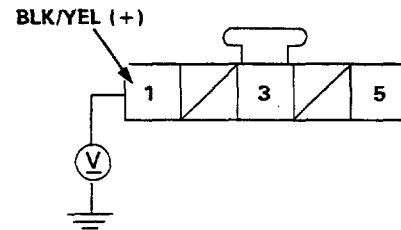
NO

Repair open in the BLK/YEL wire between the under-dash fuse/relay box and the recirculation control motor.

Turn the ignition switch OFF.

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RECIRCULATION CONTROL MOTOR 5P CONNECTOR



WIRE SIDE OF FEMALE TERMINALS



From page 21-10

Test the recirculation control motor (see page 21-23).

Is the recirculation control motor OK?

NO

Remove the recirculation control motor (see page 21-23).

Check the recirculation control linkage and door for smooth movement.

Do the recirculation control linkage and door move smoothly?

NO

Repair the recirculation control linkage or door.

YES

Replace the recirculation control motor.

Remove the recirculation control switch.

Disconnect the recirculation control switch 6P connector.

Check for continuity between the No. 1 and No. 3 terminals of the recirculation control switch 6P connector and body ground.

Is there continuity?

YES

Repair short in the GRN/WHT and/or GRN/RED wire(s) between the recirculation control motor and the recirculation control switch.

NO

Check the same wires for voltage.

Is there any voltage?

YES

Repair short to power in the BLK/YEL wire between the recirculation control motor and the recirculation control switch.

NO

Check for continuity between the No. 1 and No. 3 terminals of the recirculation control switch 6P connector and the No. 3 and No. 5 terminals of the recirculation control motor 5P connector.

Is there continuity?

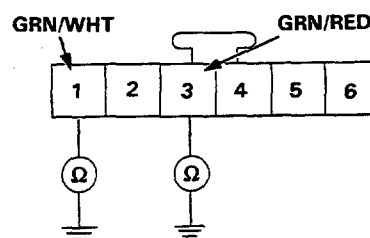
NO

Repair open in the GRN/WHT and/or GRN/RED wire(s) between the recirculation control motor and the recirculation control switch.

YES

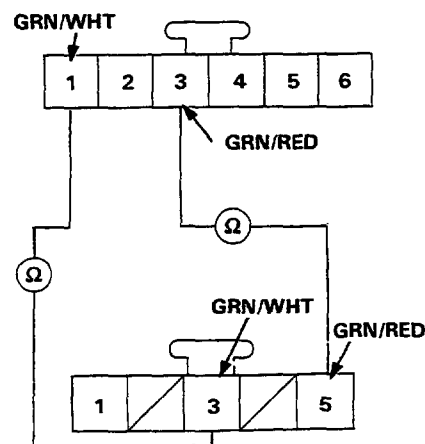
Replace the recirculation control switch.

RECIRCULATION CONTROL SWITCH 6P CONNECTOR



WIRE SIDE OF FEMALE TERMINALS

RECIRCULATION CONTROL SWITCH 6P CONNECTOR



RECIRCULATION CONTROL MOTOR 5P CONNECTOR
WIRE SIDE OF FEMALE TERMINALS