

Troubleshooting

Flowchart — Air Mix Control Motor

Self-diagnosis circuit check indicates a problem in the air mix control motor.

Disconnect the 6P connector from the air mix control motor.

Test the air mix control motor (see page 22-59)

Is the air mix control motor OK?

YES

NO

Remove the air mix control motor (see page 22-59).

Check the air mix control linkage and doors for smooth movement.

Do the air mix control linkage and doors move smoothly?

NO

Repair the air mix control linkage or doors.

YES

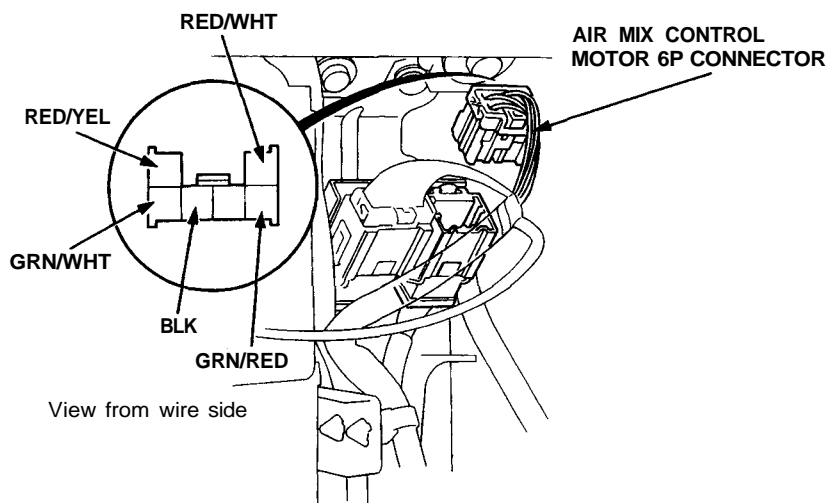
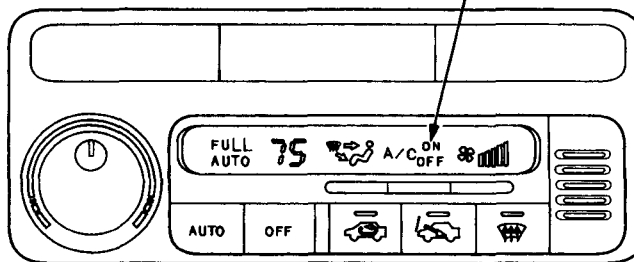
Replace the air mix control motor.

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

Disconnect the 30P connector from the climate control unit

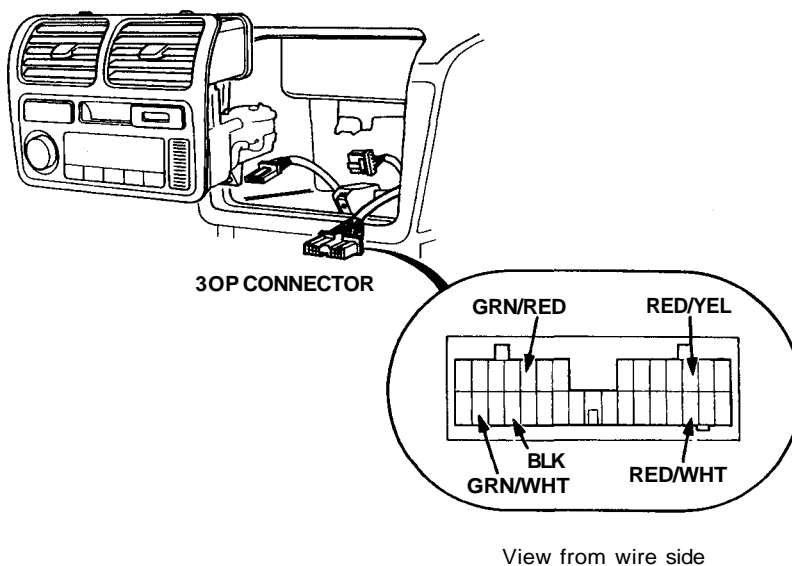
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AIR MIX CONTROL MOTOR INDICATOR





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

- RED/WHT wire
- GRN/RED wire
- GRN/WHT wire
- RED/YEL wire
- BLK wire

Is there continuity?

NO

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

YES

At either connector, check each wire for continuity to body ground:

- RED/WHT wire
- GRN/RED wire
- GRN/WHT wire
- RED/YEL wire

Is there continuity?

YES

Repair any short in the wire(s) between the air mix 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.