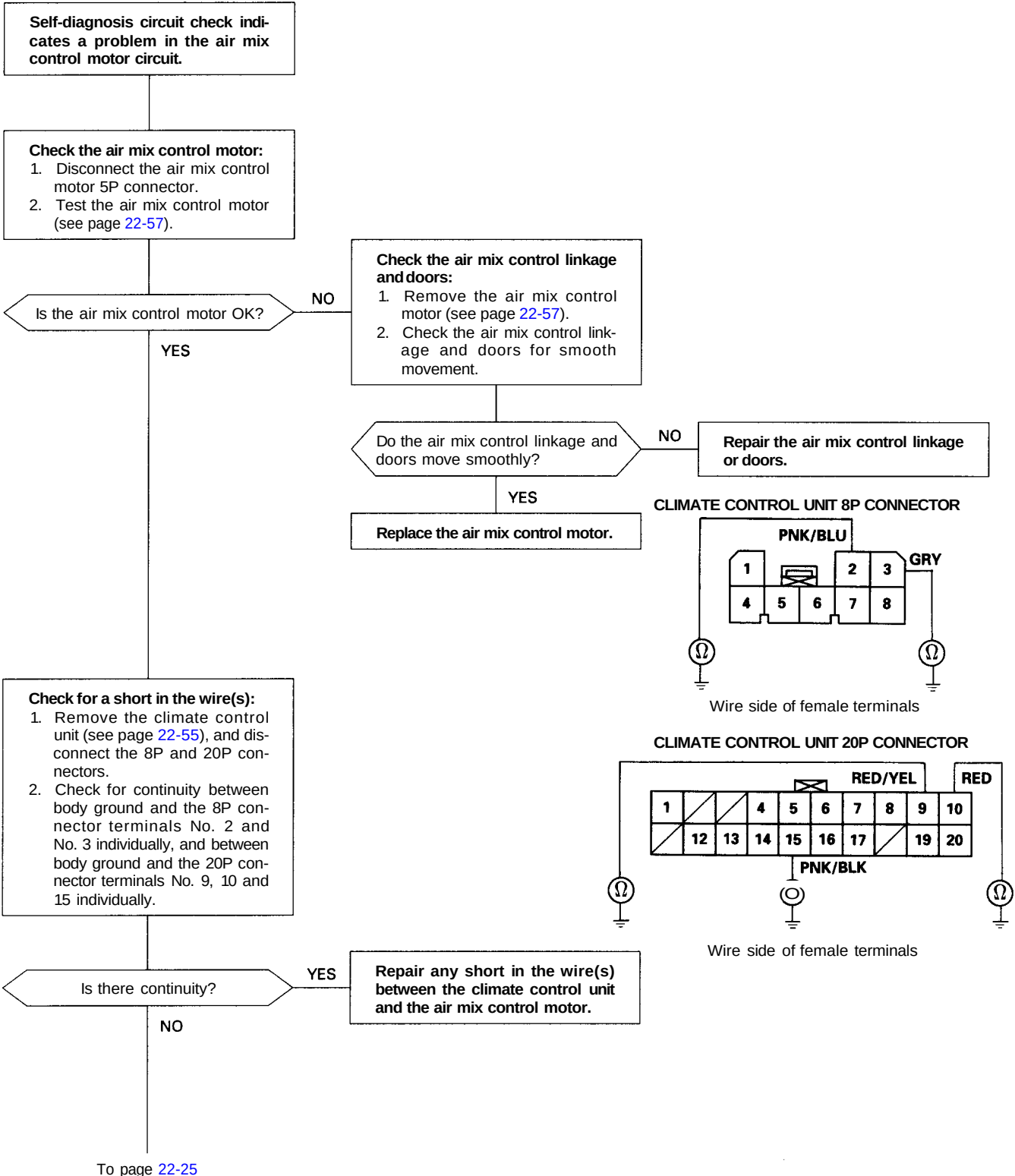


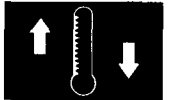
Troubleshooting

Air Mix Control Motor

Self-diagnosis indicator light E comes on: A problem in the air mix control motor circuit.

The air mix control motor regulates the mixture of cool/hot air according to output from the climate control unit.





From page 22-24

Check for a short to power:
Check the same terminals for voltage.

Is there any voltage?

YES

Repair short to power in the wire between the climate control unit and the air mix control motor. (This damages the climate control unit.)

NO

Check for an open in the wire(s):
Check for continuity between following terminals of the climate control unit 8P and 20P connectors and the air mix control motor 5P connector.

8P: 5P:
No. 2 No. 3
No. 3 No. 2
20P:
No. 9 No. 5
No. 10 No. 1
No. 15 No. 4

Is there continuity?

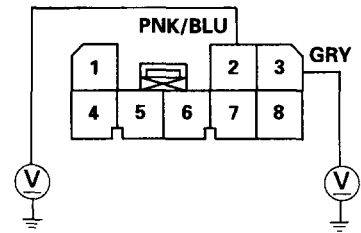
NO

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

YES

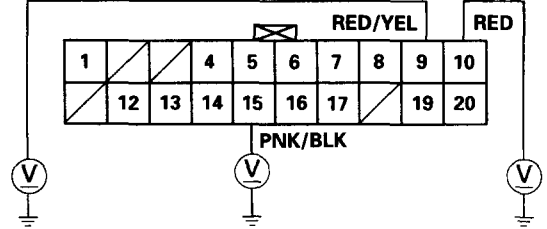
Check for loose wires or poor connections at the climate control unit 8P and 20P connectors and at the air mix control motor 5P connector. If the connections are good, substitute a known-good climate control unit, and recheck. If the symptom/indication goes away, replace the original climate control unit.

CLIMATE CONTROL UNIT 8P CONNECTOR

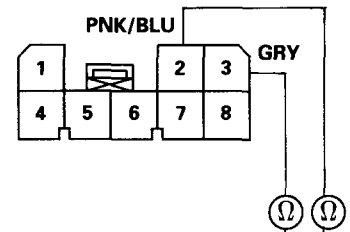


Wire side of female terminals

CLIMATE CONTROL UNIT 20P CONNECTOR



Wire side of female terminals



AIR MIX CONTROL MOTOR 5P CONNECTOR

Wire side of female terminals

