



# Flow Chart — Air Mix Control Motor

Self-diagnosis indicator light C comes on: Indicates a problem in the Air Mix Control Motor circuit.

NOTE: Use the digital circuit tester (07411-0020000) to check.

Problem in the air mix control motor circuit.

Turn the ignition switch OFF.

Make sure all wires in the air mix control motor connector are securely attached. Make sure the linkage is free of obstructions.

Remove the climate control unit (page 15-85), and disconnect the A and B connectors. Disconnect the connector from the function control motor.

On the 20 kΩ scale, measure the resistance between the B-4 terminal and B-5 terminal.

Is there approx. 6.3 kΩ?

YES

NO

Remove air mix control motor and test separately (page 15-90).

Does motor test OK?

YES

Replace the air mix control motor.

Repair harness between control unit and air mix control motor.

Check the air mix control motor operation by briefly connecting battery (12V) positive to the A-7 terminal and negative to the A-2 terminal. Reverse the wires to be sure the motor will run in both directions.

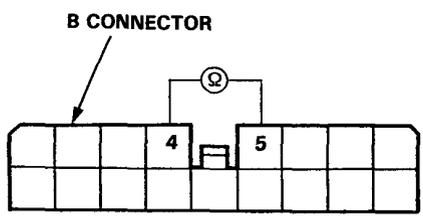
Does the motor run smoothly in both directions?

YES

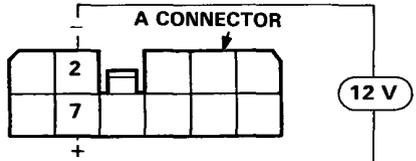
NO

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(To page 15-42)



View from wire side.



View from wire side.

CAUTION: Disconnect the battery as soon as the motor has stopped. Failure to do so will damage the motor.

(cont'd)

# Troubleshooting

## Flow Chart — Air Mix Control Motor (cont'd)

