



Flow Chart — Function Control Motor

Self-diagnosis indicator light D comes on: Indicates a problem in the Function Control Motor Circuit.

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

Problem in the function control motor circuit.

Turn the ignition switch ON.

Make sure all wires in the function 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 air mix control motor.

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

Is there approx. 4 k Ω ?

NO

Remove function control motor and test separately (page 15-90)

Does motor test OK?

NO

Replace function control motor.

YES

Repair harness between control unit and function control motor.

Check the function control motor operation by briefly connecting battery (12V) positive to the A-6 terminal and negative to the A-1 terminal. Reverse the wires to be sure the motor will run in both direction.

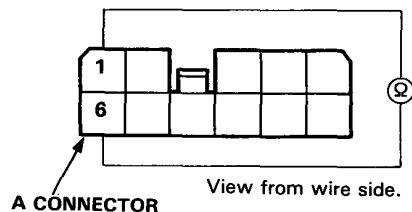
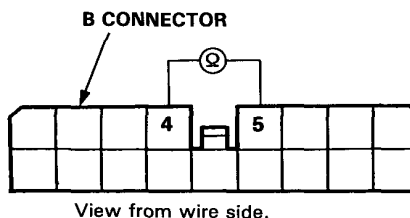
Does the motor run smoothly in both direction?

NO

YES

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(To page 15-44)



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

(cont'd)

Troubleshooting

Flow Chart — Function Control Motor (cont'd)

