



Flowchart — Blower Motor

Blower only runs on HIGH in any fan switch position, with the ignition switch ON.

Turn the ignition switch ON.

Remove the blower motor HIGH relay.

Does the blower motor stop?

YES

Turn the ignition switch OFF.

NO

Disconnect the 3-P connector of power transistor.

Test the blower HIGH relay, (page 21-65)

Is the relay OK?

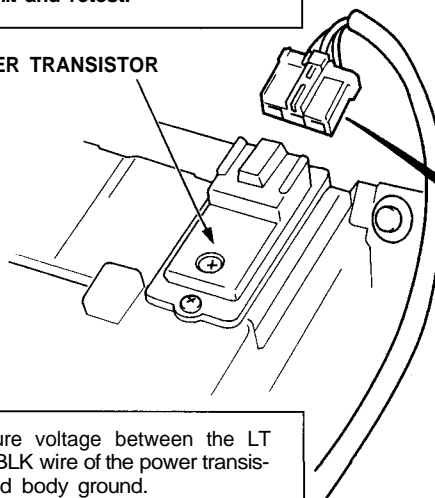
NO

Replace the blower motor HIGH relay.

YES

Repair short in the ORN/WHT wire between the blower motor HIGH relay and the control unit. If wire is OK, substitute a known-good control unit and retest.

POWER TRANSISTOR



View from wire side

Does the blower motor stop?

YES

Measure voltage between the LT GRN/BLK wire of the power transistor and body ground.

NO

Repair short in BLU/BLK wire between the control unit, the blower motor, the blower motor HIGH relay, and the power transistor. If wire is OK, substitute a known-good control unit and retest.

Is there more than 7 V?

NO

Replace the power transistor.

YES

Substitute a known-good control unit and retest.

Troubleshooting

Flowchart — Blower Motor

Blower motor does not run at all.

Check for blown No. 37 (40A) and No. 19 (7.5A) fuses.

Are fuse(s) OK?

NO

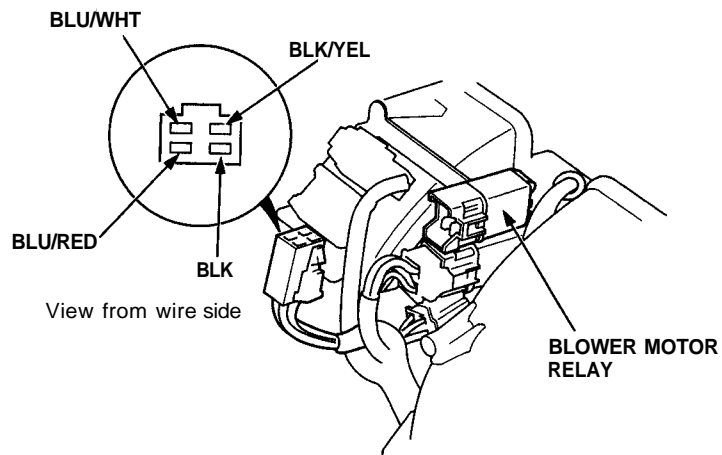
Replace blown fuses.

YES

Remove the blower relay and blower HIGH relay.

Turn the ignition switch ON.

Measure voltage between the BLK/YEL wire terminal (+) of blower relay and body ground (-).



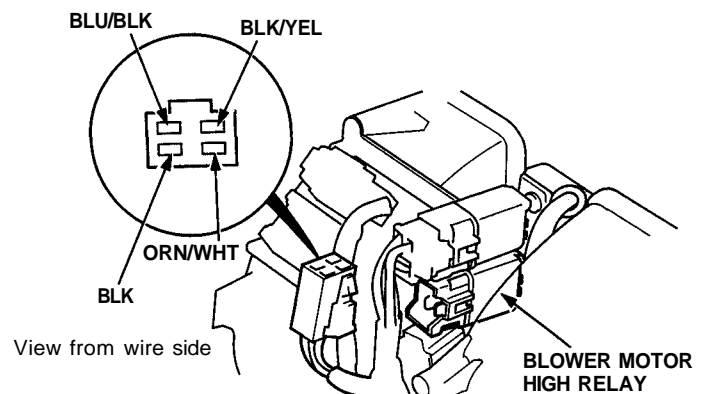
Is there battery voltage?

NO

Repair open in the BLK/YEL wire between the NO. 19 (7.5A) fuse and blower relay.

YES

Measure voltage between the BLK/YEL wire terminal (+) of blower HIGH relay and body ground (-).



Is there battery voltage?

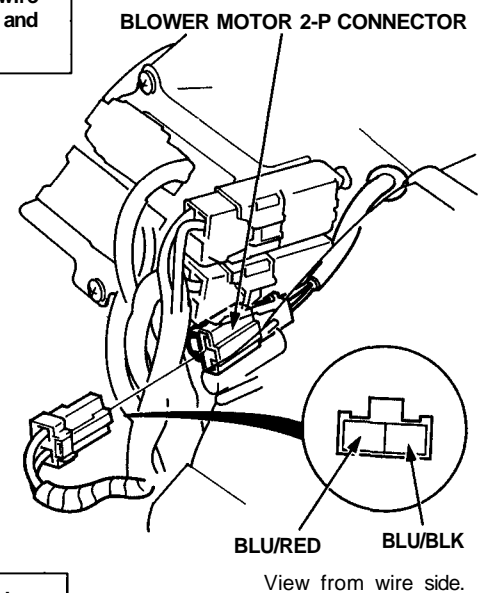
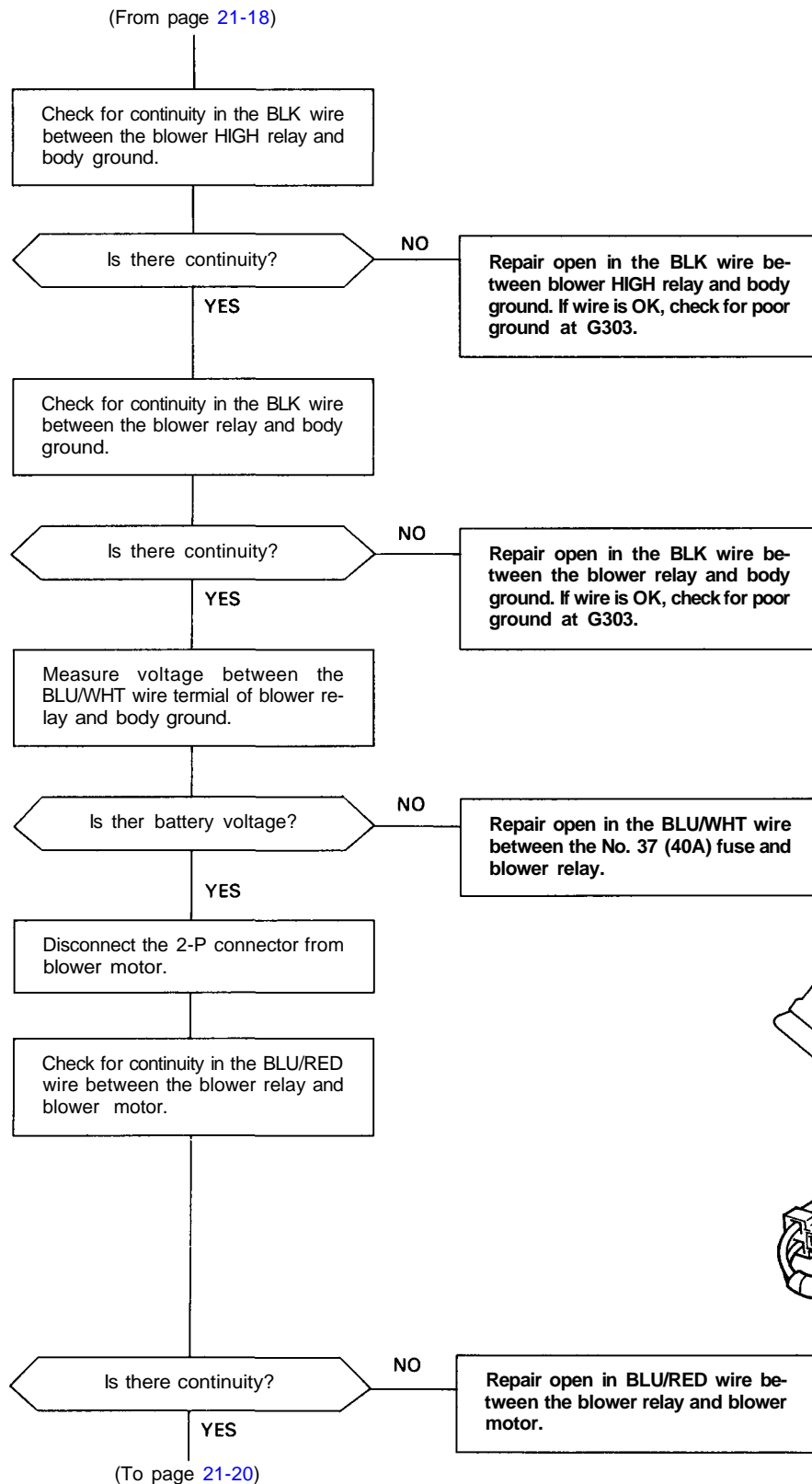
NO

Repair open in the BLK/YEL wire between the No. 19 (7.5A) fuse and blower HIGH relay.

YES

Turn the ignition switch OFF.

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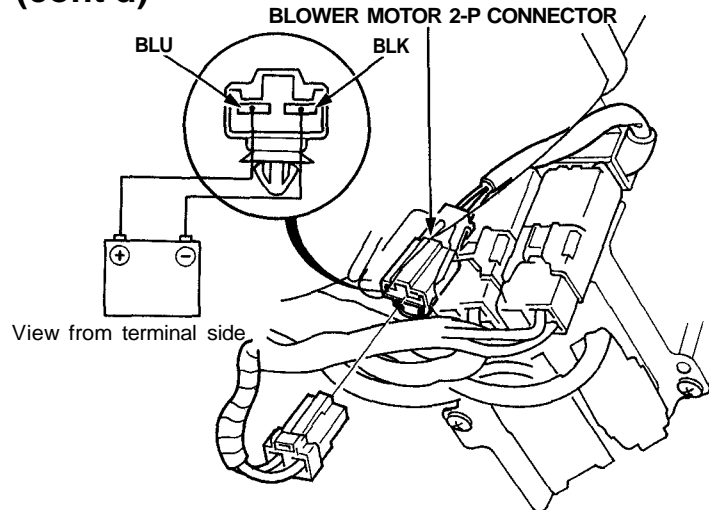
(cont'd)

Troubleshooting

Flowchart — Blower Motor (cont'd)

(From page 21-19)

Test the blower motor.
Connect battery power to the BLU wire terminal and connect the BLK wire terminal to body ground. The blower motor should run.



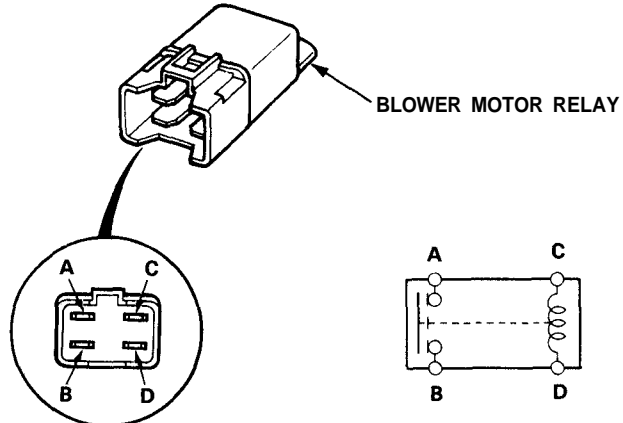
Is the motor OK?

NO

Replace the blower motor.

YES

Test the blower motor relay.
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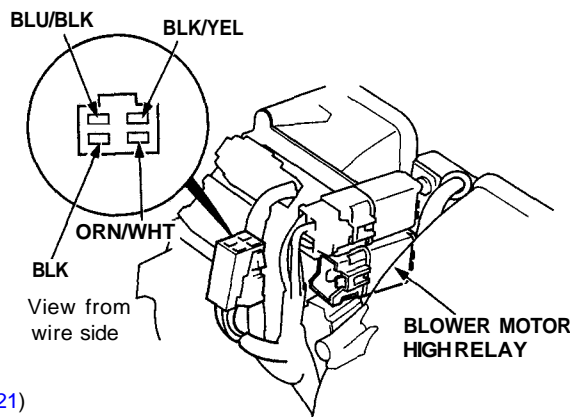
Is the relay OK?

NO

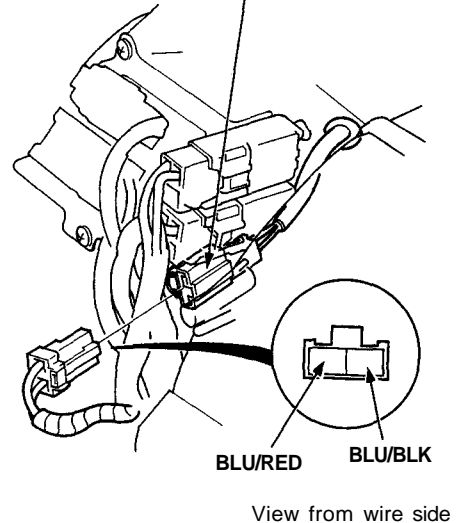
Replace the blower relay.

YES

Check for continuity in the BLU/BLK wire between the blower HIGH relay and blower motor.



BLOWER MOTOR 2-P CONNECTOR



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