

Troubleshooting

Flowchart — Blower Motor Speed

Blower motor only runs on HIGH speed position; does not run in any other speed positions.

Connect a jumper wire between the BLU/BLK wire of the power transistor and body ground.

Turn the ignition switch ON.

Does the blower motor run at HIGH speed?

NO

Repair open in the BLU/BLK wire between the power transistor and the blower motor.

YES

Connect a jumper wire between the BLU/BLK and BLK wires of the power transistor.

Does the blower motor run at HIGH speed?

NO

Check for an open in the BLK wire between the power transistor and body ground. If wire is OK, check for poor ground at G301, G302, and G303.

YES

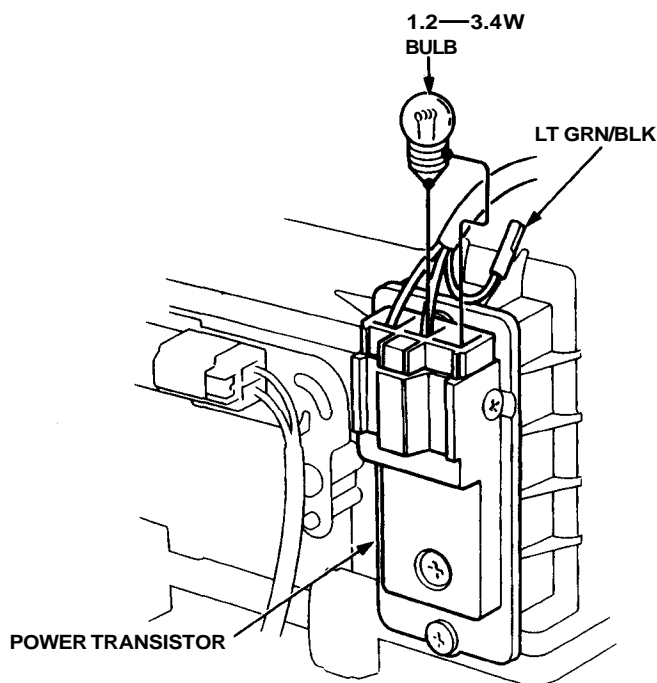
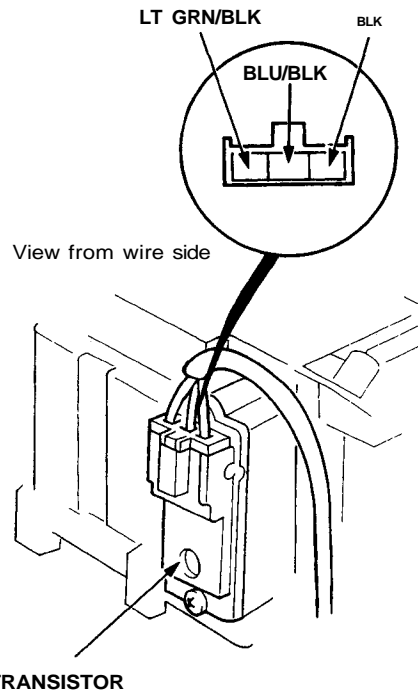
Turn the ignition switch OFF.

Remove the LT GRN/BLK wire from the 3P connector of the power transistor.

Power the LT GRN/BLK wire terminal of the power transistor through a test light.

Turn the ignition switch ON.

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Does the blower motor run at less than HIGH speed.

NO

Check for a short in the LT GRN/BLK wire between the power transistor and the climate control unit. If wire is OK, replace the power transistor.

YES

Turn the ignition switch OFF.

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

Disconnect the 30P connector from the climate control unit.

Turn the ignition switch ON.

Measure voltage between the BLU/BLK wire terminal (+) and body ground (-).

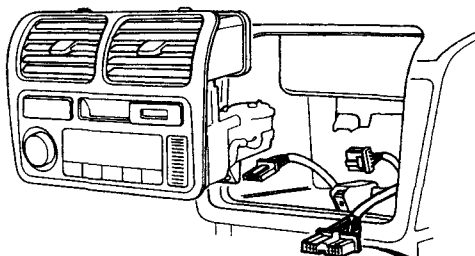
Is there battery voltage?

NO

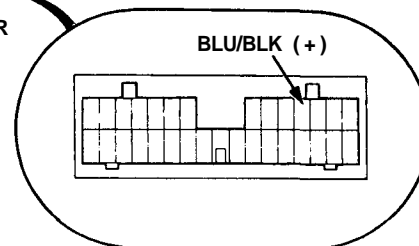
Repair open in the BLU/BLK wire between the climate control unit and the blower motor.

YES

Check for an open in the LT GRN/BLK wire between the climate control unit and the power transistor. If the wire is OK, substitute a known-good climate control unit and retest.



30P CONNECTOR



View from wire side