

Troubleshooting

Flowchart – Blower Motor Speed

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

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 the wire is OK, check for poor ground at G301, G302, and G303.

YES

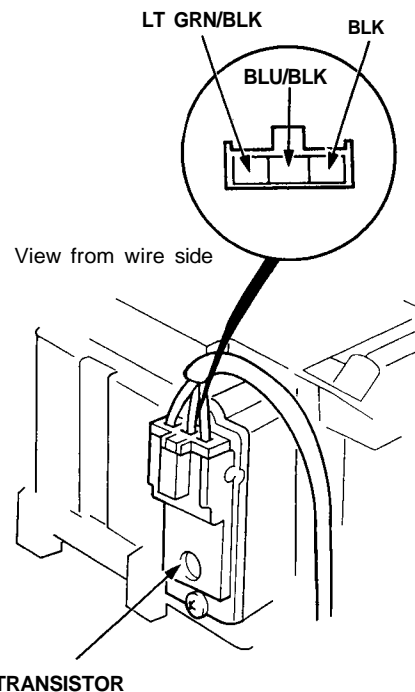
Turn the ignition switch OFF.

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

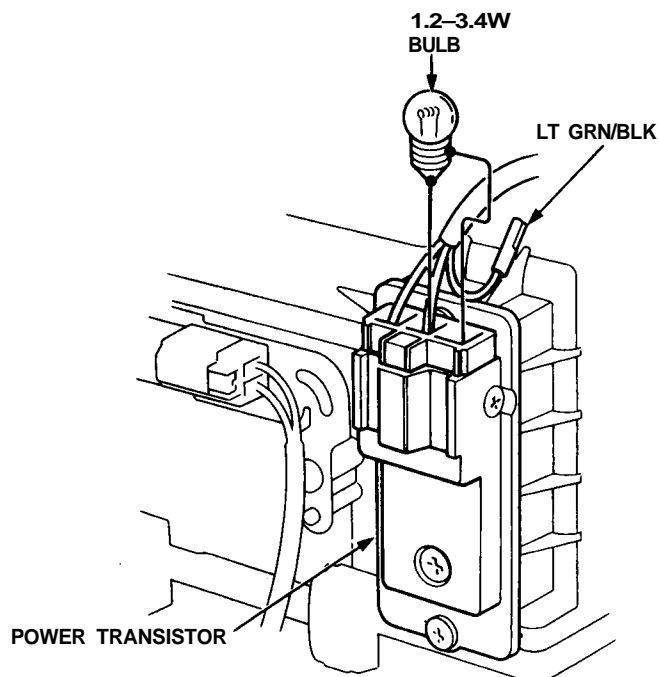
Power the LT GRN/BLK wire terminal of the power transistor through a test light.

Turn the ignition switch ON.

To page 21-23



POWER TRANSISTOR





From page 21-22

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 heater control panel. If the wire is OK, replace the power transistor.

YES

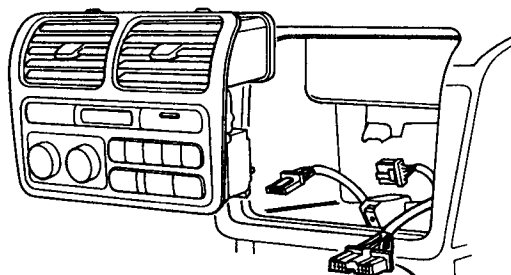
Turn the ignition switch OFF.

Remove the heater control panel (see page 21-13).

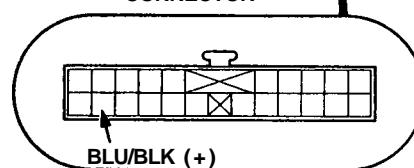
Disconnect the 22P connector from the heater control panel.

Turn the ignition switch ON.

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



22P CONNECTOR



View from wire side

Is there battery voltage?

NO

Repair open in the BLU/BLK wire between the heater control panel and the blower motor.

YES

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