



## Flowchart —Blower Motor

Blower motor 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 3P connector of the power transistor.

Test the blower motor HIGH relay (see page 21-66).

Is the relay OK?

NO

Replace the blower motor HIGH relay.

YES

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

POWER TRANSISTOR

3P CONNECTOR

LT GRN/  
BLK (+)    BLU/BLK

View from wire side

Does the blower motor stop?

YES

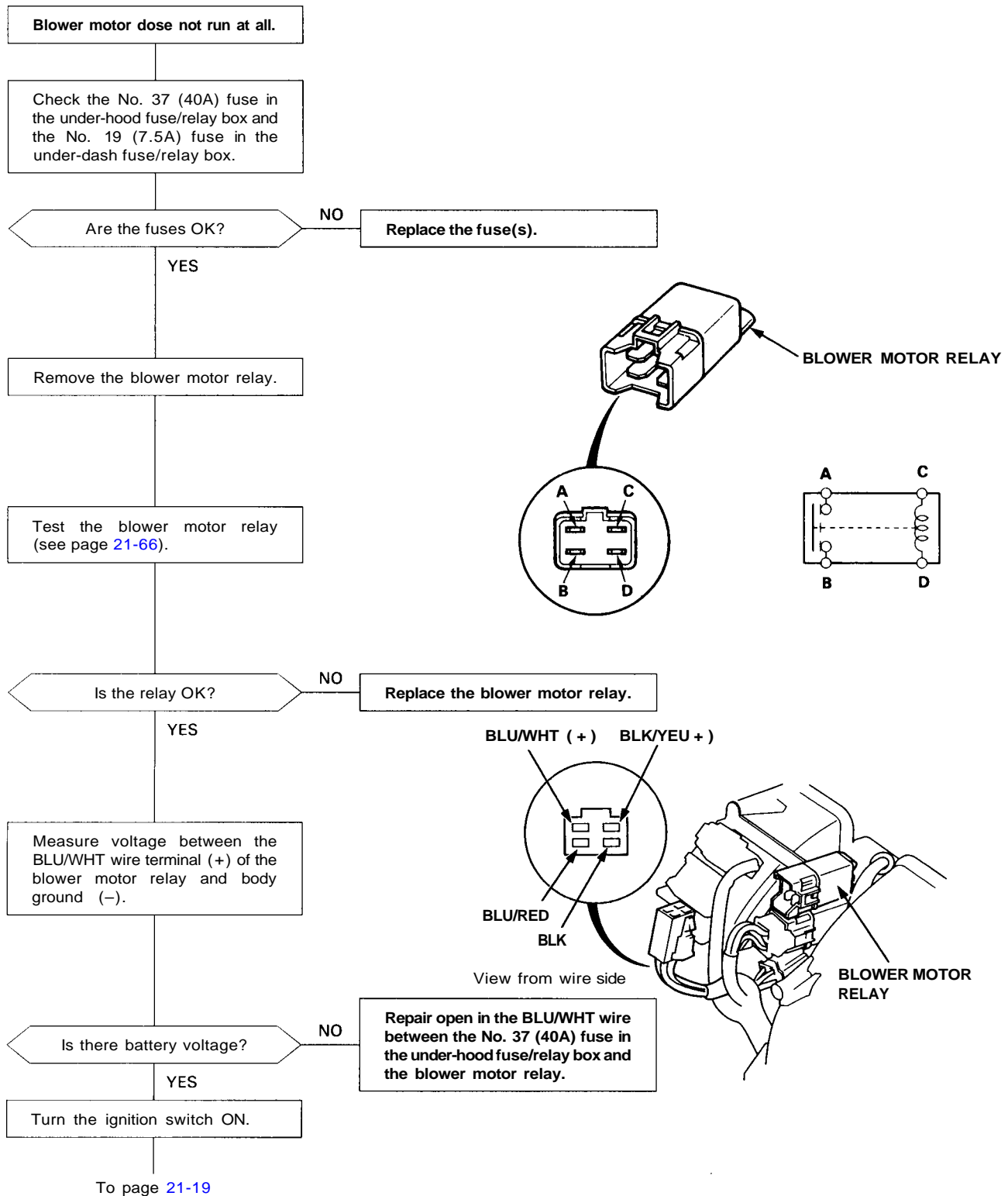
Replace the power transistor.

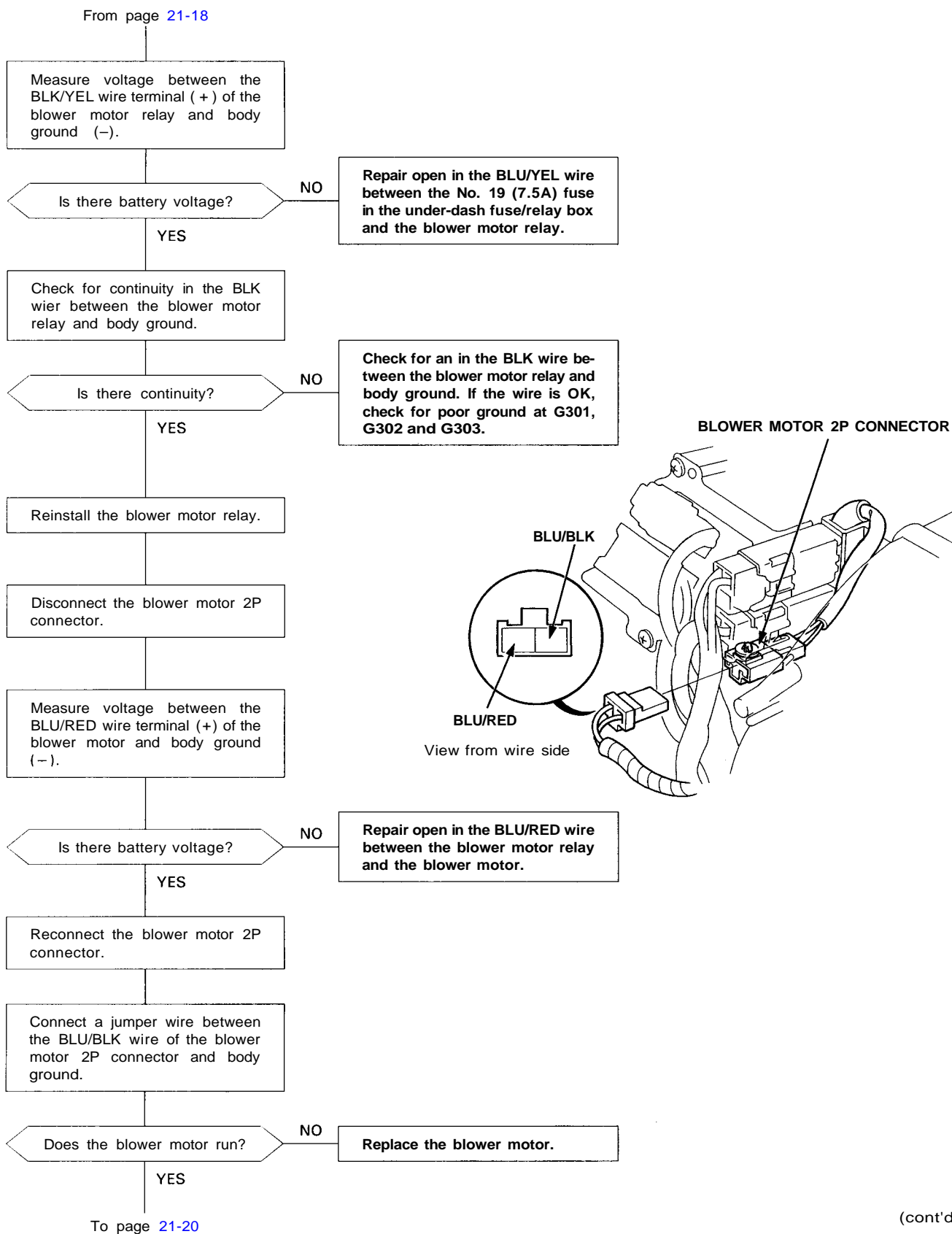
NO

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

# Troubleshooting

## Flowchart—Blower Motor





(cont'd)

# Troubleshooting

## Flowchart—Blower Motor (cont'd)

From page 21-19

Turn the ignition switch OFF.

Disconnect the blower motor 2P connector.

Remove the blower motor HIGH relay.

Test the blower motor HIGH relay (see page 21-66).

Is the relay OK?

NO

Replace the blower motor HIGH relay.

YES

Check for continuity in the BLU/BLK wire between the blower motor 2P connector and the blower motor HIGH relay.

Is there continuity?

NO

Repair open in the BLU/BLK wire between the blower motor and the blower motor HIGH relay.

YES

Check for continuity in the BLK wire between the blower motor HIGH relay and body ground.

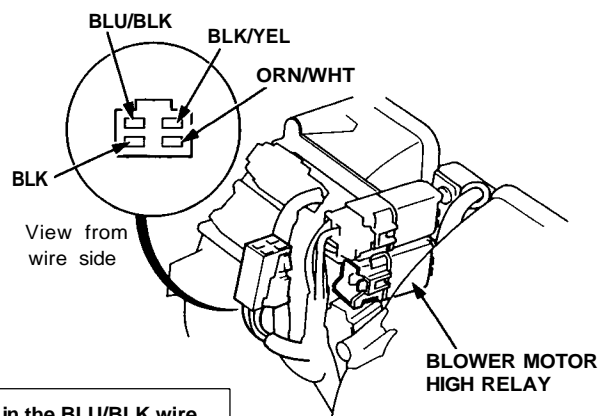
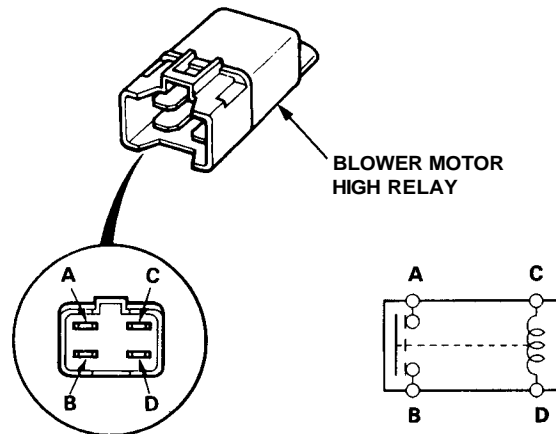
Is there continuity?

NO

Check for an open in the BLK wire between the blower motor HIGH relay and body ground. If the wire is OK, check for poor ground at G301, G302 and G303.

YES

To page 21-21





From page 21-20

Turn the ignition switch ON.

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

Is there battery voltage?

NO

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

YES

Turn the ignition switch OFF.

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

Disconnect the 22P connector from the heater control panel.

Check for continuity in the ORN/WHT wire between the heater control panel 22P connector and blower motor HIGH relay 4P connector.

Is there continuity?

NO

Repair open in the ORN/WHT wire between the heater control panel and blower motor HIGH relay.

YES

Substitute a known-good heater control panel and recheck. If symptom/indication goes away, replace the original heater control panel.

