Flow Chart —— Blower

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

Blower motor does not run at all.

Inspect the No.22 (70A), No.24 (30A), No.26 (40A) and No.10 (15A) fuses.

Are the fuse OK? NO → **Replace fuse(s).**

YES

Disconnect the blower relay 4P connector from the blower motor.

Turn the ignition switch ON.

Measure voltage between BLU/-WHT(1) terminal (+) and body ground (–).

Is there battery voltage? NO → **Repair open in BLU/WHT(1) wire between blower relay and ignition switch.**

YES

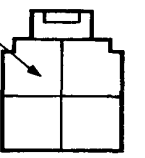
Measure voltage between BLK/-YEL terminal (+) and body ground (–).

Is there battery voltage? NO → **Repair open in BLK/YEL wire between blower relay and ignition switch.**

YES

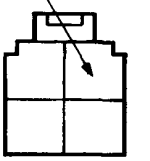
(To page 15-58)

BLU/WHT(1)



View from wire side.

BLK/YEL



View from wire side.

(cont'd)

Flow Chart — Blower (cont'd)

(From page 15-57)

Inspection the blower relay (page 15-28).

Is the blower relay OK?

NO → **Replace the blower relay and retest.**

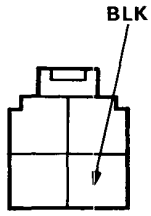
YES

Reconnect the blower relay, then connect a jumper wire between the BLK terminal and body ground.

Does blower motor run?

YES → **Repair open in BLK wire between the blower relay and body ground or poor ground (G401).**

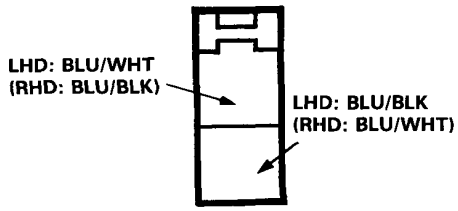
NO



View from wire side.

Turn the ignition switch OFF.

Disconnect the 2P connector from the blower motor.



View from wire side.

Turn the ignition switch ON.

Measure voltage between BLU/-WHT terminal (+) and body ground (–).

Is there battery voltage?

NO → **Repair open in BLU/WHT wire between blower motor and blower relay.**

YES

Turn the ignition switch OFF.

Reconnect the 2P connector to the blower motor.

(To page 15-59)

(From page 15-58)

Connect a jumper wire between the BLU/BLK terminal and body ground. Turn the ignition switch ON.

Does blower motor run?

NO → **Replace the blower motor and retest.**

YES

Turn the ignition switch OFF.

Disconnect the blower hi relay 4P connector.

Turn the ignition switch ON.

Connect a jumper wire between the BLU/BLK terminal (+) and body ground.

Does blower motor run?

NO → **Repair open in BLU/BLK wire *between blower motor and* blower hi-relay.**

YES

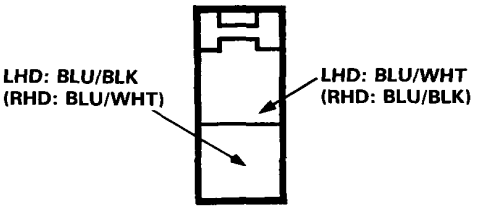
Connect a jumper wire between the BLU/BLK terminal and BLK terminal.

Does blower motor run?

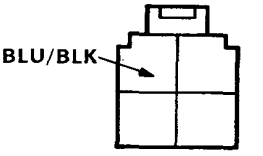
NO → **Repair open in BLK wire between blower hi-relay and body ground or poor ground (G401).**

YES

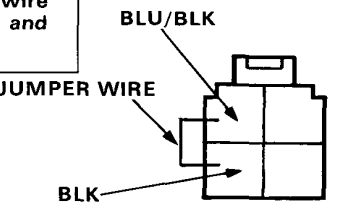
(To page 15-60)



View from wire side.



View from wire side.



View from wire side.

(cont'd)

Flow Chart —— Blower (cont'd)

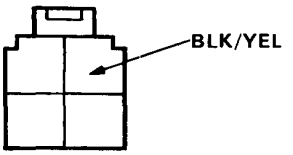
(From page 15-59)

Measure voltage between BLK/YEL (+) terminal and body ground.

Is the battery voltage? NO → **Repair open in BLK/YEL wire between ignition switch and blower hi-relay.**

YES

Inspect blower hi-relay (page 15-28).



View from wire side.

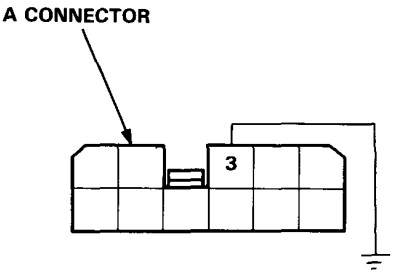
Is the blower hi-relay OK? NO → **Replace the blower hi-relay and retest.**

YES

Turn the ignition switch OFF.

Reconnect the 4P connector to the blower hi-relay.

Remove the climate control unit (page 15-89).
Disconnect the A and B connectors from the climal control unit.



View from wire side

Connect a jumper wire between the ORN/WHT (A-3) terminal and body ground.

(To page 15-61)

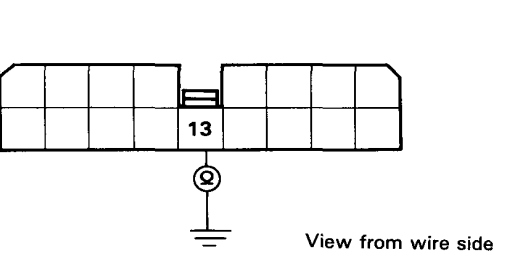
(From page 15-60)

Turn the ignition switch ON.

Does the blower motor run? NO → **Repair open in ORN/WHT wire between blower hirelay and climate control unit.**

YES

Check for continuity between BLK (B-13) terminal and body ground.



View from wire side

Is there continuity? NO → **Repair open in BLK wire between climate control unit and body ground or poor ground (G701).**

YES

Substitute a known-good control unit and retest.

(cont'd)

Flow Chart —— Blower (cont'd)

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

Blower motor running speed does not change.

Turn the ignition switch OFF.

Disconnect the 3P connector from the power transistor.

Measure voltage between LT GRN/BLK (+) terminal and body ground.

Turn the ignition switch ON.

Set the temperature control knob in center position and climate control system ON.

Is there battery voltage?

NO → Turn the ignition switch OFF.

Remove the climate control unit (page 15-89).
Disconnect the B connector from the control unit.

YES

Inspect the power transistor (page 15-28).

Is the power transistor OK?

NO → **Replace the power transistor and retest.**

YES

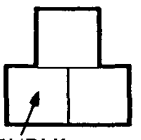
Check for continuity from BLK terminal and body ground.

Is there continuity?

NO → **Repair open in BLK wire between power transistor and body ground or poor ground (G401).**

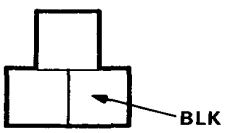
YES

Substitute a known-good control unit and retest.



LT GRN/BLK

View from wire side.



View from wire side.

(To page 15-63)

(From page 15-62)

Measure voltage between BLU/BLK (+) (B-12) terminal and body ground. Turn the ignition switch ON.

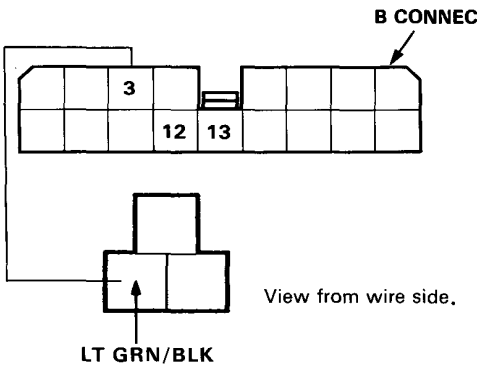
Is there battery voltage?

NO → **Repair open in BLU/BLK wire between control unit and blower motor.**

YES

Turn the ignition switch OFF.

Check for continuity between LT GRN/BLK (B-3) terminal and power transistor LT GRN/BLK terminal.



Is there continuity?

NO → **Repair open in LT GRN/BLK wire between control unit and power transistor.**

YES

Check for continuity between BLK (B-13) terminal and body ground.

Is there continuity?

NO → **Repair open in BLK wire between control unit and body ground or poor ground (G701).**

YES

Substitute a known-good control unit and retest.