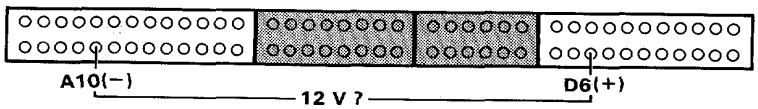
Input Troubleshooting Flow Chart — Air Conditioning Signal

Inspection of Air Conditioning Signal.

Connect the ECU test harness between the control unit and connector (page 6-20). Disconnect "D" connector from the main wire harness only, not the control unit.

Turn the ignition switch ON.

Measure voltage between D6 (+) terminal and A10 (−) terminal.



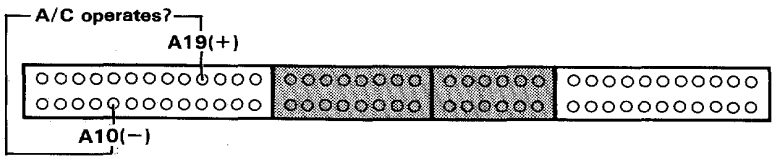
Is there battery voltage ?

NO → **Substitute a known-good control unit and recheck. If prescribed voltage is now available, replace the original control unit.**

YES

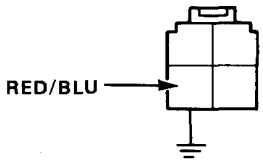
Reconnect "D" connector to the main wire harness.

Connect A19 terminal to A10 terminal.



Does A/C operate ?

NO → Connect the RED/BLU terminal of the 4P connector on the A/C clutch relay to body ground.



Does A/C operate ?

NO → **See Air conditioner inspection (section 15).**

YES → **Repair open in RED/BLU wire between ECU (A19) and A/C clutch relay.**

YES

Start engine.

Blower switch ON.

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(From page 6-48)

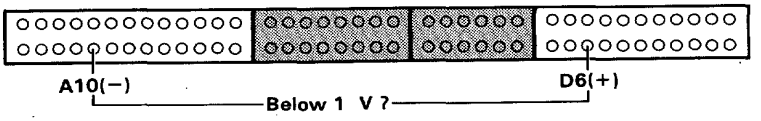
A/C switch ON.

Does A/C operate ?

NO → **See Air conditioner inspection (section 15).**

YES

Measure voltage between D6 (+) terminal and A10 (−) terminal.



Is voltage below 1 V ?

NO → **Repair open in BLU/BLK wire between ECU (D6) and A/C switch.**

YES

Air Conditioning Signal is OK.