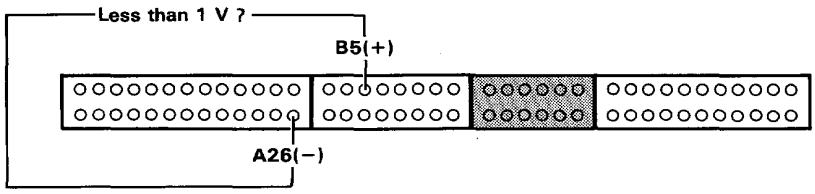
(From page 6-198)

A/C switch ON.

Does A/C operate ?

NO → Measure voltage between B5 (+) terminal and A26 (−) terminal.

YES → **Air conditioning signal is OK.**



Is voltage less than 1 V ?

NO → **Repair open in BLU/BLK wire between ECU (B5) and A/C switch.**

YES → **Substitute a known-good ECU and recheck. If symptom/indication goes away, replace the original ECU.**

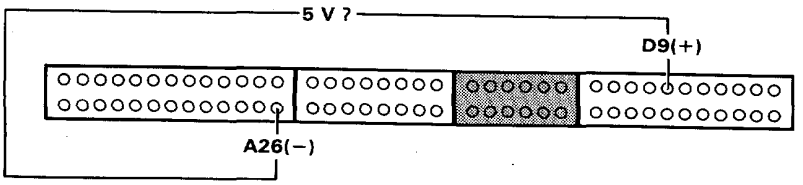
Troubleshooting Flowchart — Alternator FR Signal

Inspection of Alternator FR signal.

Connect the ECU test harness between the ECU and connector (page 6-150).
Disconnect "D" connector from the main wire harness only, not the ECU.

Turn the ignition switch ON.

Measure voltage between D9 (+) terminal and A26 (−) terminal.



In there approx. 5V ?

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

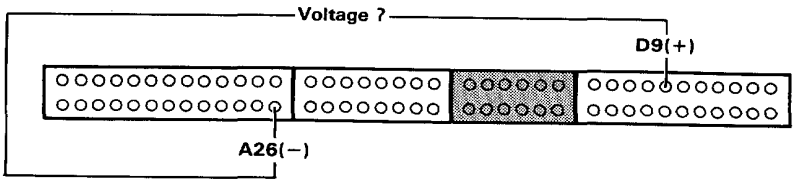
YES

Turn the ignition switch OFF.

Reconnect "D" connector to the main wire harness.

Warm up engine to normal operating temperature (cooling fan comes on).

Measure voltage between D9 (+) terminal and A26 (−) terminal.



Does the voltage decrease when headlights and rear defogger are turned on ?

NO → Stop engine.

YES

Alternator FR signal is OK.

(To page 6-201)