

Idle Control System

Troubleshooting Flowchart — Air Conditioning Signal

This signals the PGM-FI ECU when there is a demand for cooling from the air conditioning system.

Inspection of Air Conditioning Signal.

Connect the ECU test harness between the ECU and connector. Disconnect "C" connector from the engine wire harness only, not the ECU (page 11-21).

Turn the ignition switch ON.

Measure voltage between C3 (+) terminal and A26 (-) terminal.

Is there approx. 10 V?

NO

YES

Turn the ignition switch OFF.

Reconnect "C" connector to the engine wire harness.

Turn the ignition switch ON.

Momentarily connect A15 terminal to A26 terminal several times.

Is there a clicking noise from the A/C compressor clutch?

NO

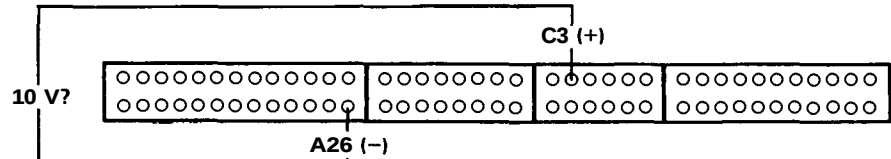
YES

Start the engine.

Blower switch ON.

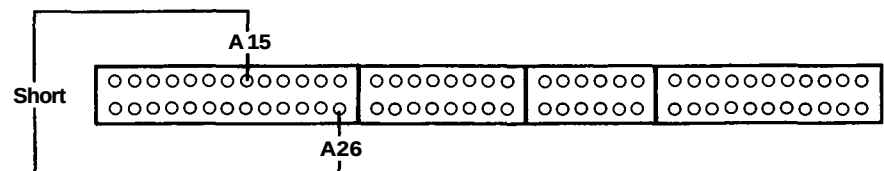
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10 V?

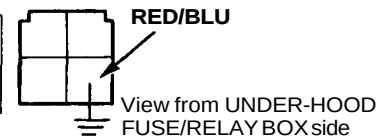


Substitute a known-good ECU and re-check. If prescribed voltage is now available, replace the original ECU.

Short



Connect the RED/BLU terminal of the 4P connector on the A/C clutch relay to body ground.



Is there a clicking noise from the A/C compressor clutch?

NO

YES

See air conditioner inspection (section 22).

Repair open in RED/BLU wire between ECU (A15) and A/C clutch relay.

