

# Idle Control System

## Troubleshooting Flowchart — Air Conditioning Signal

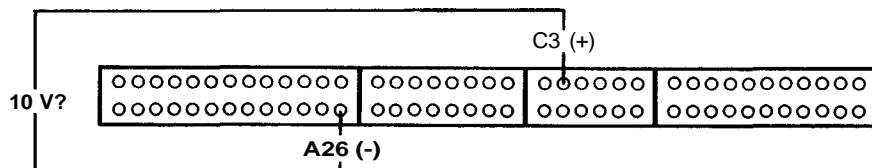
This signals the ECM or PCM when there is a demand for cooling from the air conditioning system.

**Inspection of Air Conditioning Signal.**

Connect the test harness between the ECM or PCM and connector. Disconnect "C" connector from the main wire harness only, not the ECM or PCM (page 11-37).

Turn the ignition switch ON.

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



Is there approx. 10 V?

YES

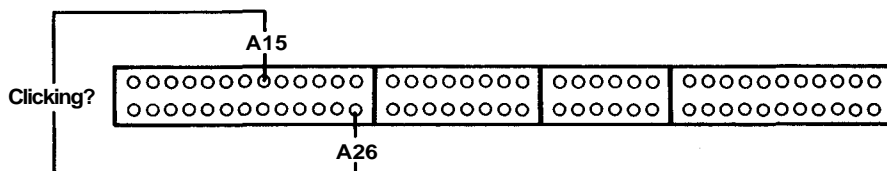
NO

Substitute a known-good ECM or PCM and recheck. If prescribed voltage is now available, replace the original ECM or PCM.

Reconnect "C" connector to the main wire harness.

Momentarily connect A15 terminal to A26 terminal several times.

Clicking?

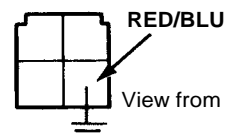


Is there a clicking noise from the A/C compressor clutch?

YES

NO

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



View from RELAY BOX side

Start the engine.

Blower switch ON.

(To page 11-87)

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

YES

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

NO

See air conditioner inspection (see section 22).

