

Idle Control System

Troubleshooting Flowchart — Air Conditioning Signal

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

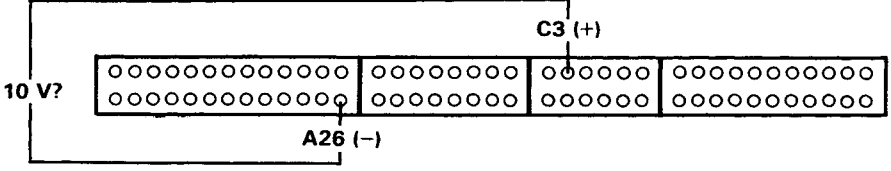
Inspection of Air Conditioning Signal.

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

Turn the ignition switch ON.

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

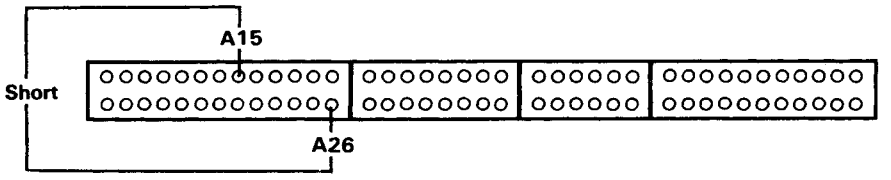
Is there approx. 10 V?



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

YES Turn the ignition switch OFF.

Reconnect "C" connector to the engine wire harness.

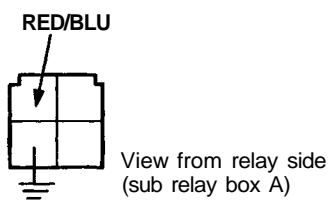


Turn the ignition switch ON.

Momentarily connect A15 terminal to A26 terminal several times.

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

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



YES Start the engine.

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

NO See air conditioner inspection (see section 22).

Blower switch ON.

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

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