

Electrical Troubleshooting

Troubleshooting Flowchart (cont'd)

Self-diagnosis D4 indicator light blinks seven times.

Disconnect the E(26P) connector from the ECU.
Connect the Test Harness "A" connector to the wire harness only, not to the ECU. (14-47)

Turn the ignition switch ON.

Measure the voltage between the A23 and A3/A4 terminals.

Is there voltage?

YES

Repair short to power source in BLU wire between the E23 terminal and the shift control solenoid valve A.

NO

Turn the ignition switch OFF.

Measure the resistance between the A23 and A3/A4 terminals.

Is the resistance 12-24 Ω ?

NO

Check for open in BLU wire between the E23 terminal and the shift control solenoid valve A. If wire is OK, check the shift control solenoid valve A. (See page 14-76.)

YES

Disconnect the transmission sub-harness connector.

Check for continuity between the A23 and A3/A4 terminals.

Is there continuity?

YES

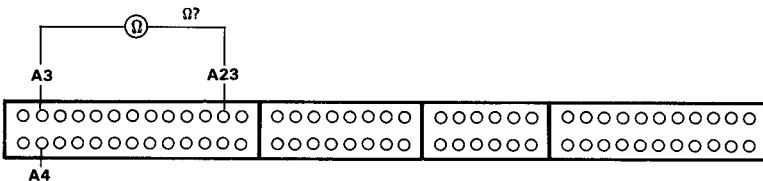
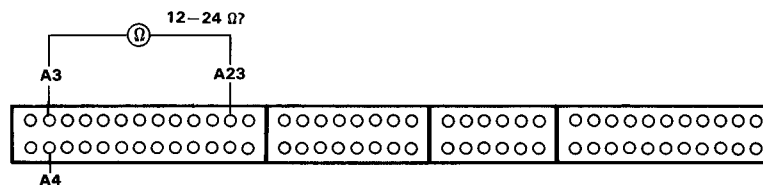
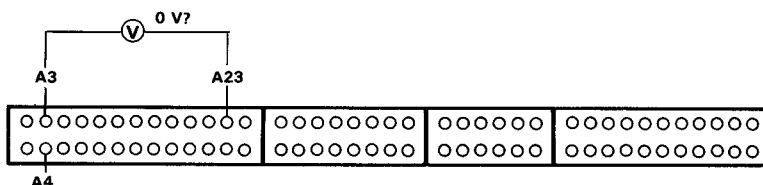
Repair short to ground in BLU wire between the E23 terminal and the shift control solenoid valve A.

NO

Connect the transmission sub-harness connector to.

Check for loose ECU connectors. If necessary, substitute a known-good ECU and recheck.

NOTE: The section A of the Test Harness with the Test Harness Adapter corresponds to the E (26P) connector of the ECU.



TRANSMISSION SUB-HARNESS CONNECTOR

