

Electrical Troubleshooting

Troubleshooting Flowchart

Self-diagnosis **D4** indicator light blinks once.

Disconnect the E (26P) connector from the PCM.
Connect the Test Harness "A" connector to the wire harness only, not to the PCM (page 14-48 and 49).

Turn the ignition switch ON.

Measure the voltage between the A25 and A3 or A4 terminals.

Is there voltage?

YES

Repair short to power source in YEL wire between the E25 terminal and the lock-up control solenoid valve A.

NO

Turn the ignition switch OFF.

Measure the resistance between the A25 and A3 or A4 terminals.

Is the resistance 12 — 24 Ω ?

YES

Check for loose PCM connectors. If necessary, substitute a known-good solenoid valve assembly or PCM and recheck.

NO

Disconnect the 2P connector from the lock-up control solenoid valve assembly.

Check for continuity between the A25 and A3 or A4 terminals.

Is there continuity?

YES

Repair short to ground in YEL wire between the E25 terminal and the lock-up control solenoid valve A.

NO

Measure the resistance of the solenoid at the 2P connector (page 14-72).

Is the resistance 12 — 24 Ω ?

YES

Check for open in YEL wire between the E25 terminal and the lock-up control solenoid valve A.

NO

Replace the lock-up control solenoid valve assembly.

Possible Cause

- Disconnected lock-up control solenoid valve A connector
- Short or open in lock-up control solenoid valve A wire
- Faulty lock-up control solenoid valve A

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

