Electrical Troubleshooting

Troubleshooting Flowchart — Shift Control System

- **OBD II Scan Tool indicates Code P0730.**
- **Self-diagnosis D4 indicator light indicates Code 41.**

Possible Cause
Faulty shift control system

Check for Another Code:
Check whether the OBD II scan tool or the D4 indicator light indicates another code.

Does the OBD II scan tool or the D4 indicator light indicate another code?

YES → **Perform the Troubleshooting Flowchart for the indicated Code(s). Recheck for code P0730 (41) after troubleshooting.**

NOTE: Do not continue with this troubleshooting until the causes of any other DTCs have been corrected.

NO ↓

Test 1st, 2nd, 3rd, and 4th Clutch Pressure:
Measure the 1st, 2nd, 3rd, and 4th clutch pressure (see page 14-109 thru 14-111).

Is each clutch pressure within the service limit?

NO → **Repair the hydraulic system as necessary (see page 14-110 and 14-111).**

YES ↓

Replace the Shift Solenoid Valves A and B and the A/T Clutch Pressure Control Solenoid Valve, then Recheck:

1. Replace the shift solenoid valves A and B (see page 14-115).
2. Replace the A/T clutch pressure control solenoid valve (see page 14-114).
3. Turn the ignition switch OFF and reset the PCM memory by removing the BACK UP, RADIO fuse in the under-hood fuse/relay box for more than 10 seconds.
4. Drive the vehicle at over 12 mph (20 km/h) in 1st, 2nd, 3rd and 4th gear for more than 30 seconds in D4 position.
5. Recheck for code P0730 (41).

Does the OBD II scan tool or the D4 indicator light indicate code P0730 (41)?

NO → **The system is OK at this time.**

YES ↓

Replace the transmission.