Various Electrical Codes
Trouble Codes 81, 82, 66, 67, 73, 24, 72, P0758, P0753, P1886, P1864, P0748, P0502, P0722, P0503, P0723

Listed above are some of the most common codes vehicles will show up with at the shop. Possible complaints with these codes include 2nd or 3rd gear starts, late shifts, no shifts, rough shifts, and/or downshifts unexpectedly. All these codes are from ELECTRICAL problems. There are many reasons for these codes to set since nearly anything in the entire electrical circuit that causes improper circuit operation can set these codes. Listed below are some of the most common causes for these codes along with the complaints.

2nd or 3rd Starts/No shifts
Codes 81, 82, P0758, or P0753 - Shorted or open solenoids. Solenoid resistance should be approximately 20 - 30 Ohms. On G bodies (Vans), watch for wires pinched under drivers seat bracket. If codes appear after pan removal, solenoids may be un-plugged. The 95 and later model vehicles have had ignition switch and wire failures cause these codes.

3rd Gear Starts
Codes 81/P0758, 82/P0753, 66/P1886, and 67/P1864 all together. Missing or blown trans power supply fuse or open in power supply circuit.

Rough Shifts
Code 73/P0748 (Force Motor Current Incorrect)
This code is almost NEVER due to a bad Force Motor (EPC Solenoid) but rather wire connections at the solenoid, faulty ECM, faulty external wiring (shorted to ground, loose fitting pins), or even low battery/charging voltage.

Late or No Shifts, Downshifts Unexpectedly
Codes 24/P0502/P0722 and/or 72/P0503/P0723 (VSS Codes) - Blown fuses, broken wires inside insulation at connectors, bare wires at connecters, bad connection near battery (Vans), bad sensor (late models w/screw in sensor), bad DRAC.

3rd Starts
Code 66/P1886 – (3-2 solenoid circuit fault) Solenoid or connector melted/broken or bad ECM (most common on 93-95 models).