Code 22 and no fourth
TPS faulty or misadjusted—replace TPS & raise minimum TPS voltage to .5 volts

4-3 downshift flare-pull lever down when neutralizing and the flare goes away
Input roller clutch not holding

3rd gear starts and bind up in manual low
Direct piston broken or cushion plate broke wedging clutch applied.

2nd gear starts hot.
Missing or damaged o ring on #11 check ball sleeve leaking signal A oil.

Falls out of reverse, and/or delayed reverse hot at idle.
Center support solid rings leaking. Install Scarf cut Teflon. Also use long lip seals on direct piston. Check piston for cracks.

No reverse, no engine braking in M-1
#7 check ball and/or end plug missing, located just outboard of manual valve installed from rearward side of valve body.

No 2nd, bind up at 25mph Intermediate
Sprag installed backwards

No reverse.
3rd/reverse end plug not installed deep enough in VB bore.

Slips in reverse/burned rear band.
Cracked rear servo piston, or band anchor pins moved down in the case and band is rubbing drum.

Converter shuttle in and out-scan tool shows converter unlocking
Engine with worn distributor bushings throwing RPM signal out of range—most common on big block.

3-4 Up Shift to neutral.
Leaking Shift Solenoids, Broken filter behind manual valve. Gaskets cover holes in plate for solenoid feed.
TCC shudder at low rpm 1400 - 1700, however no codes, ratio is correct and no TCC slip rpm shown on movie and signal doesn’t change. By 1700 rpm problem disappears. EGR valve spring weak causing lean burn miss in engine, feels like a miss but runs great otherwise even at stall.

No pressure rise forward, limited to 130 in reverse. Missing cup plug in the accumulator housing

Low or erratic line rise - VCM Equipped vehicles ONLY
Bad VCM ground See TransGo Bulletin# 06-04

No Speedo
Bad DRAC, or blown fuse for DRAC 12v supply.

No reverse or slips badly, low pressure 35psi, (ONLY with TransGo HD2 kit installed)
Roll pins missing on A & B solenoids, valves touching solenoids instead of hitting roll pins, blow air in line tap in reverse, oil shoots out slot in black plate and manifold pressure switch.

Common Part Numbers:

Cooler line fitting (installs into center support-97up) #24207013
Shift Solenoid A #10478140
Shift Solenoid B #10478141
Force motor #24209276
New speed sensor pig tail GM # 12101899
New direct steel piston #24204961
New forward steel piston #24204957