

DIAGNOSIS AND TESTING (Continued)

No Forward Engagements

Possible Component	Reference/Action
201 — ELECTRICAL ROUTINE	
No Electrical Concerns	
301 — HYDRAULIC/MECHANICAL ROUTINE	
Fluid —Improper level, low	—Adjust fluid to proper level.
Halfshafts —Worn, damaged, misassembled	—Inspect for damage. Service as required.
Shift Linkage —Damaged, misadjusted	—Inspect and service as required. Adjust linkage as outlined. After servicing linkage, verify MLP sensor is properly adjusted. Refer to Transaxle, Assembly.
Improper Pressures —Low Forward Clutch pressure, Low Line pressure Low Intermediate Clutch pressure Low EPC pressure	—Check pressure at line and EPC taps. Refer to Pressure Chart for specification. If pressures are low, check the following possible components: oil filter and seal assembly, main controls, pump assembly, forward clutch assembly, low intermediate servo and intermediate clutch assembly.
Oil Filter and Seal Assembly —Plugged, damaged —Filter seal damaged	—Replace filter and seal assembly.
Main Controls —Forward Clutch Pressure Tap Plug—damaged, loose or missing —Bolts not tightened to specifications —Gaskets—damaged, off location —Pump shaft—broken —3-4 Shift Valve, Main Regulator Valve, Forward Clutch Control Valve, Manual Valve, 2-3 Servo Regulator Valve—stuck, damaged	—Inspect. Service as required. —Retighten bolts to specifications. —Inspect gasket for damage. Replace as required. —Service/replace as required. —Inspect. Service as required.
Pump Assembly —Bolts not tightened to specification —Gaskets damaged, off location —Porosity/cross leaks and ball missing or leaking —Components damaged	—Retighten bolts to specification. —Inspect for damage. Replace as required. —Inspect for porosity and leaks. Replace as required. —Inspect for damage. Replace as required.
Support Assembly—Driven Sprocket —Bolts not tightened to specifications —Seals—missing, damaged —Seal grooves damaged	—Retighten bolts to specifications. Use sealant on 2 external chain cover bolts. —Inspect seals. Replace as required. —Inspect for damage. Service as required.
Forward Clutch Assembly —Seals, Piston —Check balls —Piston cracked —Friction Elements—Damaged or worn	—Inspect seals for damage and replace as required. —Inspect for mislocation, poor seating damage. Replace cylinder as required. —Inspect piston. Replace as required. —Check for abnormal wear, damage. Replace as required.
Low One-Way Clutch Assembly (Planetary) —Worn, damaged or misassembled	—Inspect for damage. Service as required.
Low Intermediate Servo Assembly —Seals, Piston —Oil Tubes, Band, Anchor Pins—worn, damaged, loose, leaking —Apply Rod—incorrect length	—Inspect. Replace as required. —Inspect. Service as required. —Refer to the appropriate car Service Manual for proper service details.
Output Shaft	

(Continued)