

DIAGNOSIS AND TESTING (Continued)

Delayed/Soft Forward Engagement

Possible Component	Reference/Action
206 — ELECTRICAL ROUTINE	
Powertrain Control System —Electrical Inputs / Outputs, Vehicle Wiring Harnesses, Powertrain Control Module (PCM), EPC Solenoid, TOT Sensor	—Run On-Board Diagnostic. Refer to Powertrain Control/Emissions Diagnosis Manual ⁵ for diagnosis. Perform Service Manual Pinpoint Tests B and E using the Transmission Tester (007-00085) as outlined. Service as required. Clear codes. Road Test and rerun On-Board Diagnostic.
306 — HYDRAULIC/MECHANICAL ROUTINE	
Fluid —Improper level —Condition	—Adjust fluid to proper level. —Inspect as outlined under Fluid Condition Check.
Shift Linkage —Damaged, misadjusted	—Inspect and service as required. Adjust linkage as outlined. After servicing linkage, verify that the MLP sensor is properly adjusted. Refer to Transaxle, Assembly.
Improper Pressures —Low Forward Clutch pressure —Low Line pressure —Low EPC pressure	—Check pressure at line and EPC taps. Refer to Pressure Chart for specifications. If pressures are low, check the following possible components: Oil Filter and Seal Assembly, Main Controls and Pump Assembly.
Oil Filter and Seal Assembly —Plugged or damaged —Filter Seal damaged	—Replace filter and seal assembly.
Main Controls —Bolts not tightened to specification —Gaskets—damaged, off location —3-4 Shift Valve, Backout Valve, Main Regulator Valve, Manual Valve, 2-3 Servo Regulator Valve, Engagement Valve, B5 Check Ball—stuck, damaged, missing —EPC Solenoid—stuck, damaged —Pressure Failsafe Valve stuck or damaged	—Retighten bolts to specification. —Inspect for damage. Replace. —Inspect. Service as required. —Inspect for damage and contamination. Service as required. —Inspect for damage. Service as required.
Pump Assembly —Bolts not tightened to specification —Porosity / cross leaks —Gaskets damaged, off location —Components damaged	—Retighten bolts to specification. —Inspect for porosity and leaks. Replace as required. —Inspect for damage and replace as required. —Inspect for damage and replace as required.
Low Intermediate Servo Assembly —Seals, Piston —Oil Tubes—damaged, loose, leaking —Band, Anchor Pins—damaged —Apply Rod—incorrect length	—Inspect seals and piston for damage. Replace as required. —Inspect for damage. Service as required. —Inspect for damage. Service as required. —Refer to the appropriate car Service Manual for proper service procedures.
Neutral-to-Drive Accumulator —Seals, Bore—damaged, stuck	—Inspect for damage. Replace.
Support Assembly—Driven Sprocket —Bolts not tightened to specification —Seals missing or damaged —Seal grooves damaged	—Retighten bolts to specification. Use sealant on two external chain cover bolts —Inspect seals. Replace as required. —Inspect for damage. Service as required.
Forward Clutch Assembly —Seals, Piston, front support —Check Balls —Friction Elements—damaged or worn	—Inspect seals for damage and replace as required. —Inspect for incorrect location, poor seating damage. Replace cylinder as required. —Check for abnormal wear or damage. Replace as required.
Low Intermediate Band/Drum	

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5 Can be purchased as a separate item.