

DIAGNOSIS AND TESTING (Continued)

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Delayed/Soft Reverse Engagement

Possible Component	Reference/Action
205 — 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 ⁴ 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.
305 — 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 Reverse 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: Main Controls, Pump Assembly, Reverse Clutch 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 —Seals, Manual Valve, Main Regulator Valve, B5 Check Ball, Converter Drain Back Valve, Springs—missing, damaged or misassembled —EPC Solenoid stuck, damaged —Failsafe Valve (Zero EPC Pressure Only) stuck, damaged	—Retighten bolts to specification. —Inspect for damage. Replace as required. —Inspect for damage. Service as required. —Inspect for damage. Service as required. —Inspect for damage. Service as required.
Pump Assembly —Bolts not tightened to specification —Porosity/cross leaks/ball missing or leaking —Gaskets damaged, off location —Components damaged	—Retighten bolts to specification. —Replace pump assembly. —Inspect for damage and replace as required. —Inspect for damage and replace as required.
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 —Check Ball —Piston cracked —Friction Elements—damaged, worn	—Inspect seals for damage. Service as required. —Inspect for mislocation, poor seating and damage. Replace cylinder as required. —Inspect piston. Replace as required. —Check for abnormal wear, damage. Replace as required.
Neutral-to-Drive Accumulator —Piston, Seals damaged	—Inspect for damage. Service as required.
Reverse Clutch Assembly —Seals, Piston —Check Ball —Friction Elements damaged or worn —Return Spring and Piston damaged or worn —Feed Tube leaking or improperly installed	—Inspect for damage. Service as required. —Inspect. Service as required.

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⁴ Can be purchased as a separate item.