

DIAGNOSIS AND TESTING (Continued)

(Continued)

Shift Efforts High (Cont'd)

Possible Component	Reference / Action
—Damaged or 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.
Manual Lever —Retaining Pin damaged, Nut loose, Detent Spring-bent, damaged or Park Mechanism damaged	—Inspect and service as required.
Main Control —Manual Valve stuck —Bolts not tightened to specification	—Inspect and service or replace as necessary. —Retighten bolts to specification.
Brake Shift Interlock	—Refer to Section 07-05.

TD11438A

External Leaks

Possible Component	Reference / Action
252 — ELECTRICAL ROUTINE	
Engine Components —Vehicle Speed Sensor, Seals	—Inspect and service as required.
Transmission Components —Transmission Connector, TSS Seals	—Inspect and service as required.
352 — HYDRAULIC/MECHANICAL ROUTINE	
Seals/Gaskets —Converter, TSS, Oil Pans, Extension Housing—Gasket/Seal, Manual Lever, Fluid Level Indicator, Servo Covers, Halfshaft Axles	—Locate source and service as required.
Other —Cooler Fitting, Pressure Taps, Transaxle Connectors, Speedometer Cover, Cooler Lines, Case Porosity, Case Cracked —Vent blocked or damaged	—Locate source and service as required. —Check vent for damage or blockage; service as required.

TD11439A

Poor Vehicle Acceleration

Possible Component	Reference / Action
253 — ELECTRICAL ROUTINE	
Powertrain Control System —Electrical Inputs/Outputs, Vehicle Wiring Harnesses, Powertrain Control Module (PCM), TCC Solenoid	—Run On-Board Diagnostic. —Refer to Powertrain Control/Emissions Diagnosis Manual ¹⁹ for diagnosis. Perform Service Manual Pinpoint Test C using the Transmission Tester (007-00085) as outlined. Service as required. Clear codes. Road Test and rerun On-Board Diagnostic.
353 — HYDRAULIC/MECHANICAL ROUTINE	
Verify proper shift scheduling and engagements	—Go to the appropriate Diagnostic Routines.
Torque converter clutch always applied	—Go to Routine 341.
Torque Converter One-Way Clutch —Damaged	—Replace converter if damaged.

TD11440A

Noise/Vibration — Forward/Reverse

Possible Component	Reference / Action
254 — ELECTRICAL ROUTINE	
No Electrical Concerns	
354 — HYDRAULIC/MECHANICAL ROUTINE	
For Noises/Vibrations That Change With Engine Speed:	

(Continued)

¹⁹ Can be purchased as a separate item.