

DIAGNOSIS AND TESTING (Continued)

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Converter: Always Applied/Stalls Vehicle (Cont'd)

Possible Component	Reference/Action
—TCC Solenoid Malfunction	—Activate solenoid using transmission tester. If solenoid operation cannot be felt when placing hand on solenoid, replace solenoid.
Converter —End clearance (No) —Piston Plate damaged/stuck to cover	—Inspect and replace as required. —If cover is heat stained, replace converter.

TD11436A

Converter: Cycling/Shudder/Chatter

Possible Component	Reference/Action
242 — ELECTRICAL ROUTINE	
Powertrain Control System —Electrical Inputs/Outputs, Vehicle Wiring Harnesses, Powertrain Control Module (PCM), TCC, MLP Sensor	—Run On-Board Diagnostic. —Refer to Powertrain Control/Emissions Diagnosis Manual ¹⁸ for diagnosis. Perform Service Manual Pinpoint Tests C and D using the Transmission Tester (007-00085) and MLP Tester (D89T-70010-A) as outlined. Service as required. Clear codes. Road Test and rerun On-Board Diagnostic.
342 — HYDRAULIC/MECHANICAL ROUTINE	
Fluid Condition	—Inspect fluid condition. If burnt, drain fluid and converter. Replace fluid and filter assembly. Bring vehicle to normal operating temperature. Perform drive cycle as outlined. Perform On-Board Diagnostic. If condition still exists, continue diagnostics.
Improper Pressures —Low Line pressure, Low EPC	—Check pressure at line and EPC taps. Refer to Pressure Chart for specification. —If not OK, check the Main Controls.
Main Controls —Bolts not tightened to specification —Gaskets—damaged, off location —Valve Body Pilot Sleeve—damaged, misaligned Manual Valve, Bypass Clutch Control Valve and Plunger, Converter Regulator Valve—stuck, damaged —TCC Solenoid Malfunction	—Retighten bolts to specification. —Inspect for damage. Replace as required. —Inspect. Service as required. —Activate solenoid using transmission tester. If solenoid operation cannot be felt when placing hand on solenoid, replace solenoid. Inspect O-rings for damage. Service as required.
Turbine Shaft —Seals—damaged, missing	—Inspect for damage. Replace as required.
Pump Shaft —Seals—damaged, missing	—Inspect seals for damage. Service as required.
Converter —End Clearance—excessive —Leakage, Friction Materials, Internal Seals	—Inspect as outlined. Replace as required. —Inspect as outlined. Replace as required.

TD11446A

No Engine Braking in 3rd Gear (OD Position) With OD Cancelled—SHO Only

Possible Component	Reference/Action
249 — ELECTRICAL ROUTINE	
Powertrain Control System —Electrical Inputs/Outputs, Vehicle Wiring Harnesses, Powertrain Control Module (PCM), Shift Solenoid No. 3 (SS-3)	—Run On-Board Diagnostic. —Refer to Powertrain Control/Emissions Diagnosis Manual ¹⁸ for diagnosis. Perform Service Manual Pinpoint Test A using the Transmission Tester (007-00085) as outlined. Service as required. Clear codes. Road Test and rerun On-Board Diagnostic.

(Continued)

18 Can be purchased as a separate item.