

DIAGNOSIS AND TESTING (Continued)

Feel — Soft/Slipping (Cont'd)

Possible Component	Reference/Action
—1-2 Cap Mod Valve, Accumulator/Regulator Valve, Main Regulator Valve, 2-3 Servo Regulator Valve, Check Balls, 3-2 Shift Timing Valve, Clips, Springs—damaged, misassembled, missing	—Inspect. Service as required.
—EPC Solenoid—stuck/damaged	—Inspect for damage and contamination. Service as required.
—Pressure Failsafe Valve (Zero EPC Pressure Only) stuck, damaged	—Inspect for damage. Service as required.

TD10613A

Feel — Harsh

Possible Component	Reference/Action														
214 — ELECTRICAL ROUTINE															
Powertrain Control System —Electrical Inputs/Outputs, Vehicle Wiring Harnesses, Powertrain Control Module (PCM), EPC Solenoid, TOT, MLP Sensor and Shift Solenoid No. 3	—Run On-Board Diagnostic. —Refer to Powertrain Control/Emissions Diagnosis Manual ⁹ for diagnosis. Perform Service Manual Pinpoint Tests A, B, D and E 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.														
314 — HYDRAULIC/MECHANICAL ROUTINE															
Fluid —Improper level	—Adjust fluid to proper level.														
Improper Pressures —High Line pressure —High EPC pressure	—Check pressures at line and EPC taps. Refer to Pressure Chart for specifications. If pressures are high or all shifts are harsh, go to Main Controls. If pressures are OK and a specific shift is harsh, refer to the appropriate shift routine in the following chart:														
	<table border="1"> <thead> <tr> <th>Shift</th> <th>Routine</th> </tr> </thead> <tbody> <tr> <td>1-2</td> <td>220/320</td> </tr> <tr> <td>2-3</td> <td>221/321</td> </tr> <tr> <td>3-4</td> <td>222/322</td> </tr> <tr> <td>4-3</td> <td>223/323</td> </tr> <tr> <td>3-2</td> <td>224/324</td> </tr> <tr> <td>2-1</td> <td>225/325</td> </tr> </tbody> </table>	Shift	Routine	1-2	220/320	2-3	221/321	3-4	222/322	4-3	223/323	3-2	224/324	2-1	225/325
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	CD8088-A														
Main Controls —Bolts not tightened to specifications —Gaskets—damaged, off location —1-2 Cap. Mod. Valve, Accumulator Regulator Valve, Main Regulator Valve, 2-3 Servo Regulator Valve, 3-2 Timing Valve, Springs, Clips, Check Balls—stuck, damaged, misassembled —EPC Solenoid, Shift Solenoid 3—stuck or damaged	—Retighten bolts to specifications. —Inspect for damage. Replace as required. —Inspect. Service as required. —Inspect for damage, contamination. Service as required.														

TD11426A

No 1st Gear, Engages in Higher Gear

Possible Component	Reference/Action
215 — ELECTRICAL ROUTINE	
Powertrain Control System —Electrical Inputs/Outputs, Vehicle Wiring Harnesses, Powertrain Control Module (PCM), Shift Solenoids, MLP Sensor	—Run On-Board Diagnostic. —Refer to Powertrain Control/Emissions Diagnosis Manual ⁹ for diagnosis. Perform Service Manual Pinpoint Tests A and D using the Transmission Tester (007-00085) and the MLP Tester (D89T-70010-A) as outlined. Service as required. Clear codes. Road Test and rerun On-Board Diagnostic.

(Continued)

⁹ Can be purchased as a separate item.