

## DTC P0751: NO. 1 SHIFT SOLENOID PERFORMANCE

### Condition

DTC P0751 will set while running in "D" range if gear change control from PCM to the transmission does not agree with actual gear position, even though No. 1 shift solenoid is electrically in good condition. This DTC is commonly caused by a stuck No. 1 shift solenoid, stuck 2-3 shift valve and/or clogged valve body fluid passage.

### Testing

1. Turn ignition on. Clear DTC. See [CLEARING TROUBLE CODES](#) under SELF-DIAGNOSTIC SYSTEM. Start engine and allow it to reach normal operating temperature. Road test vehicle and check for correct upshift speeds and TCC apply. See ROAD TEST under TESTING in overhaul article. After road test, recheck for DTC. If DTC P0751 resets, go to next step. If DTC P0751 does not reset, fault is not present at this time.
2. Inspect No. 1 shift solenoid operation. See [SHIFT SOLENOIDS & TORQUE CONVERTER CLUTCH \(TCC\) SOLENOID](#) under COMPONENT TESTING. Replace if necessary. If No. 1 shift solenoid tests okay, go to next step.
3. Inspect valve body condition. Check for leaks or obstructions in fluid passages. Overhaul if necessary. See VALVE BODY ASSEMBLY under COMPONENT DISASSEMBLY & REASSEMBLY in appropriate overhaul article. If valve body and fluid passages are okay, repair faulty direct clutch.

© 2008 Mitchell Repair Information Co., LLC.