



Preliminary Information

PIP4831E Hybrid MIL DTC P0751 P0752 P0756 P0757 P0776 P0777 P0796 P0797 P2714 P2715

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	Escalade	2010 - 2011	All	All	All	M99
Chevrolet	Silverado	2010 - 2011	All	All	All	M99
Chevrolet	Tahoe	2010 - 2011	All	All	All	M99
GMC	Sierra	2010 - 2011	All	All	All	M99
GMC	Yukon	2010 - 2011	All	All	All	M99

Supersession Statement

This PI was superseded to update Format Please discard PIP4831D.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition / Concern

Customers may comment that the transmission does not shift correctly and a MIL is illuminated.
Technicians may find any one of or a combination of the following DTCs P0751, P0752, P0756, P0757, P0776, P0777, P0796, P0797, P2714 or P2715 with or without other DTC's stored as current or history in the TCM.

Recommendations / Instructions

If any of the following DTCs are found in any combination P0751, P0752, P0756, P0757, P0776, P0777, P0796, P0797, P2714, P2715 during diagnostics, with or without other DTCs remove and separate the valve body from TCM/solenoid assembly.

1. Disassemble and inspect the valve body, spacer plate and fluid transfer plate for and debris or obstructions.

Note: If no debris or obstructions are found and no valves are restricted clean components using GM Brake Clean, or equivalent, proceed to step 5 and function test the TCM/solenoid valve assembly per SI direction. If debris or a restriction is found follow ALL remaining steps listed below.

2. If a valve is restricted by debris remove the valve and debris, and then inspect movement in the valves normal position. If no other debris or restrictions are found, then reassemble the valve body and install in the transmission.

Note: Valves may become restricted during removal or installation. This is normal due to the tight tolerance between the valve and bore.

3. Using GM Brake Clean, or equivalent, in a safe and clean environment (clean aluminum pan), clean the valve body and fluid transfer plate, dry them with compressed air. Use

appropriate eye protection.

Use only compressed air to clean the spacer plate and TCM/Solenoid assembly.

4. Clean individual valve's with GM Brake Clean, or equivalent. Coat each valve with clean ATF and reassemble in each bore. Check each valve for free movement during assembly of each bore.

Note: If the transmission pan shows signs of excessive debris or metal material this may be an indication of a larger concern that may require disassembly of the transmission to root cause. If the debris is minimal complete disassembly of the transmission may not be required.

5. Record the TCM/solenoid valve assembly serial number. The s/n will be stamped on the solenoid body portion of the control module and will be in the following format: xxxxYYYYQxxxx. If the date code (indicated YYYY prior to the Q) is between 0104 and 0175, the TCM / solenoid valve assembly should be replaced. Regardless whether or not the TCM needs to be replaced or not, inspect for and clean any and all debris in the valve body.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.



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