



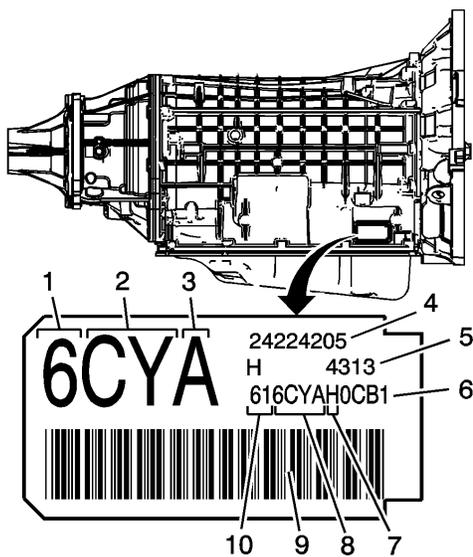
# Service Bulletin

## TECHNICAL

**Subject:** Transmission Shudder or Bucking Feel (Follow Procedure Outlined Below)

**Models:** 2009 Cadillac Escalade  
2008-2009 Chevrolet Tahoe  
2008-2009 GMC Yukon  
Equipped with 2 Mode Hybrid Automatic Transmission (RPO M99)  
Built Prior to Serial Date 8010017028

*This bulletin is being revised to update the Correction and Warranty Information. Please discard Corporate Bulletin Number 09-07-30-001E.*



Refer to the illustration above to locate the sequential serial number (6).

### Condition

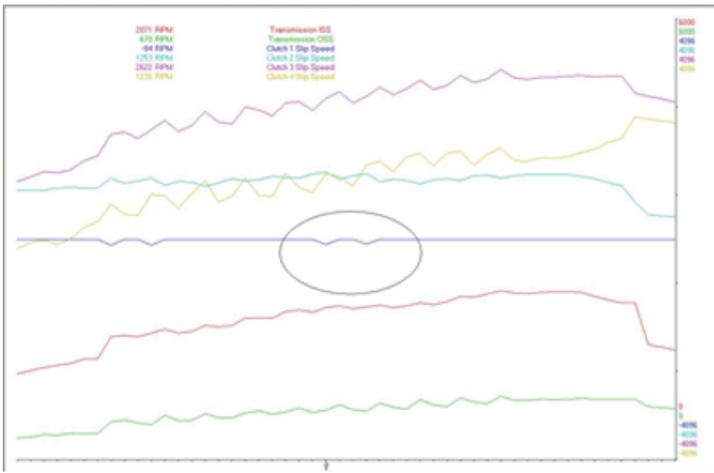
Some customers may comment that the vehicle has a shudder, bucking or surge feel (similar to a severe engine misfire) when driving with the internal combustion engine running. The concern may be more noticeable in cold ambient temperatures and with transmission cold, but may also be present after the vehicle and transmission are up to operating temperature. The concern can also be noticeable at highway speeds.

### Cause

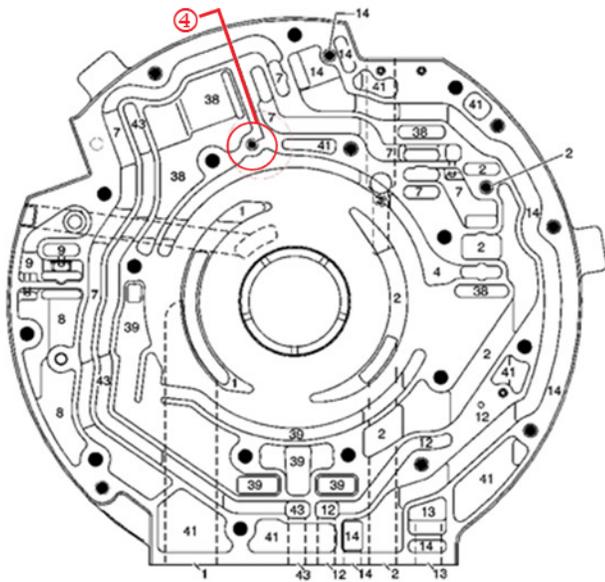
This condition may be caused by a restricted line pressure decrease orifice.

### Correction

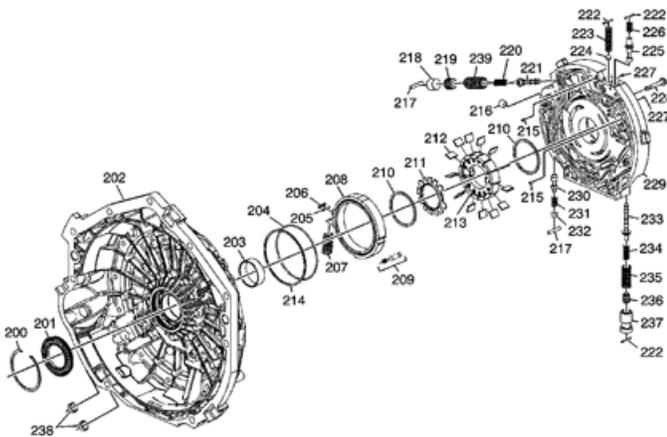
To verify the concern is caused by the orifice, monitor the Hybrid Low 1-2 clutch slip speed (clutch 1 on the scan tool). Normal clutch slip speed should be 0 rpm. If the slip speed varies either positive or negative slip rpm, or causes other clutch slip speeds to read erratic, the orifice is most likely restricted (see scan tool screen shot below showing variation of the clutch 1 slip speed (circled area). Normal reading would have a flat line (0 rpm).



1. Remove the transmission.
2. Separate the torque dampener housing from the transmission.



3. Remove and discard the orifice cup plug in the pump cover. The location is shown above (callout #4).



4. Replace the fluid pump cover kit. The cover kit is shown as part number 229 in the picture above.
5. Install the torque dampener housing to the transmission.
6. Install the transmission.

## Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
8464730	Torque Dampener Replacement	Use Published Labor Operation Time

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GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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