



Service Bulletin

PRELIMINARY INFORMATION

Subject: Slip Or Shudder During A Launch In First Second Third Or Fourth Gears Delayed Engagement Into Drive Clunk Or Bump During The 1-2 Shift

Models: 2013-2015 Cadillac Escalade
2013 Chevrolet Avalanche
2013-2014 Chevrolet Caprice, Silverado
2014 Chevrolet SS
2013-2015 Chevrolet Suburban, Tahoe
2013-2014 GMC Sierra
2013-2015 GMC Yukon, Yukon XL
Equipped With 6L80 MYC Automatic Transmission

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

Condition/Concern

Customers may comment on a delayed engagement into drive, shudder at a launch or the transmission is slipping when shifting into 1st, 2nd, 3rd or 4th gears.

The customer may also comment that they feel a bump or hear a clunk noise during a 1-2 shift.

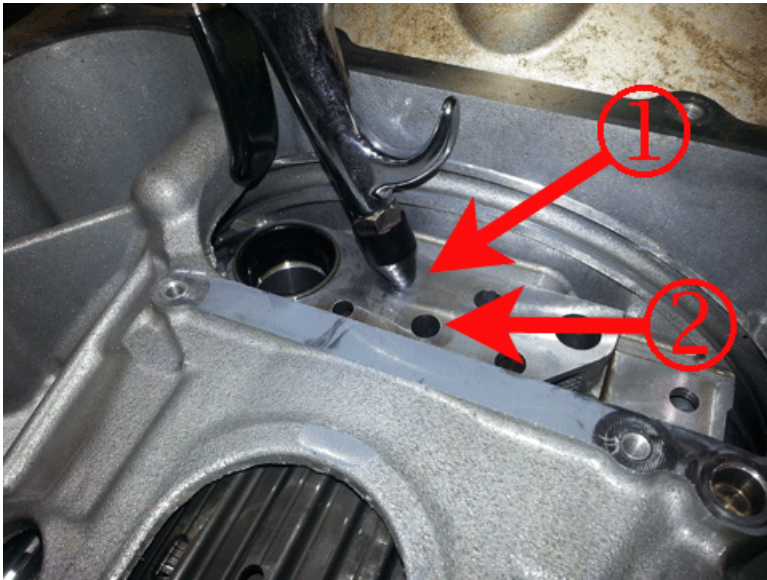
These concerns may only be present when the transmission is at operating temperature.

Recommendation/Instructions

These concerns may be due to loose stator support to pump cover bolts causing a leak at the stator support to pump cover gasket.

If root cause cannot be found following normal SI diagnostics remove the transmission fluid pan and control assemblies.

Referring to the picture below apply compressed air to the 1-2-3-4 clutch apply passage and listen for excessive air leakage.



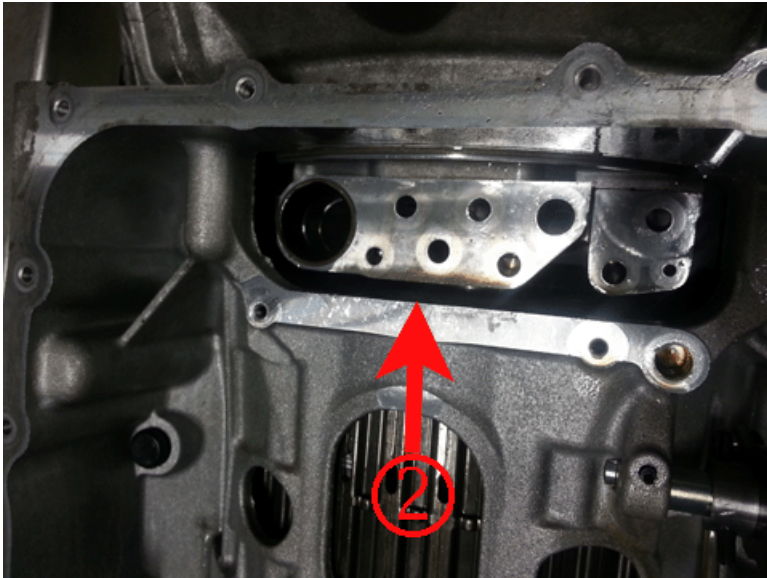
Callout 1

Component Name: Applying compressed air to the 1234 clutch passage.

Callout 2

Component Name: Compensator feed passage.

You may also notice fluid leaking or see a misaligned gasket by looking up through the case opening between the pump stator support and the 1234/35R clutch housing during this test as shown below.

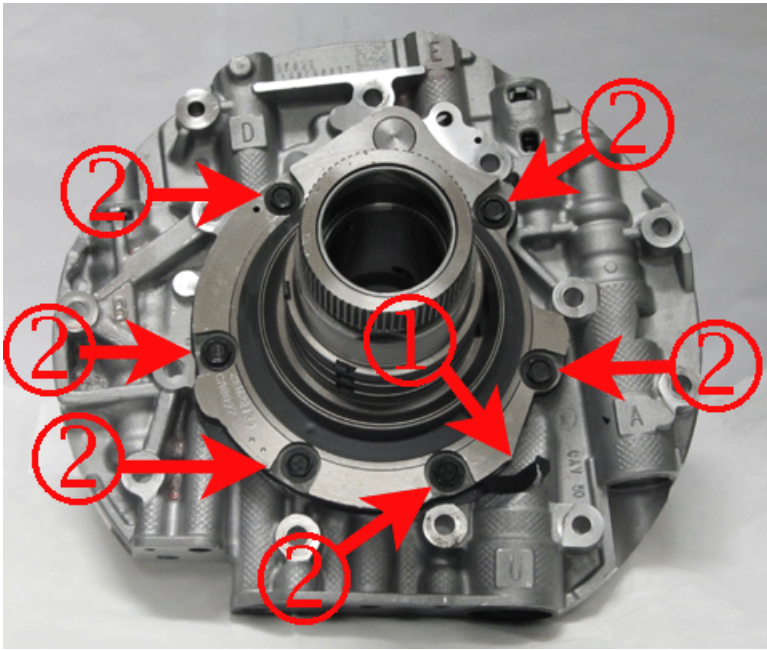


Callout 2

Component Name: Gap between the pump cover and the 1234/35R clutch housing.

If excessive air leakage is found, inspect the transmission fluid pump for loose stator support to pump cover bolts or a misaligned located stator support to pump cover gasket.

Refer to the picture below.



Callout 1

Component Name: Misaligned Gasket

Callout 2

Component Name: Stator Support Bolts

If any of the bolts are loose or the gasket is misaligned or leaking the transmission pump cover must be replaced and the 1234 clutch plates should be inspected for being distressed and repaired as needed.

Parts Information

| Part Number | Description | QTY |
|-------------|-----------------------------|-----|
| 24248573 | COVER KIT,A/TRNS FLUID PUMP | 1 |
| 24224147 | PLATE ASM-1-2-3-4 CLU | 6 |
| 24258080 | PLATE,1-2-3-4 CLU(STEEL) | 5 |

Warranty Information

For vehicles repaired under warranty use:

| Labor Operation | Description | Labor Time |
|---|----------------------------------|------------------------------------|
| 8465050 (Use if no concerns are found with the stator support bolts or cover). | Oil Pump Replacement | Use Published Labor Operation Time |
| 8466410 (Use if the stator support bolts are loose or the gasket is misaligned) | 1-2-3-4 Clutch Plate Replacement | Use Published Labor Operation Time |

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.

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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