



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Shake Or Shudder On Acceleration Excessive Engine RPM Fluctuation

**Models:** 2015 - 2016 Cadillac Escalade, Escalade ESV  
2015 - 2016 Chevrolet Silverado  
2015 - 2016 GMC Sierra, Yukon, Yukon XL  
Equipped with 8L90 Automatic Transmission (RPOs M5U)

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

### Condition/Concern

Some customers may comment on any of the following conditions:

A shake or shudder during light throttle acceleration, between 30 and 65 mph steady state driving.

Excessive engine RPM fluctuation that may be described as frequent tachometer needle movement at constant speed when engine speed is below 1600 RPM.

A shudder feeling that may be described as driving over rumble strips or rough pavement.

It is important to note that these conditions:

Do not occur during vehicle launch from a stop.

Do not occur when the transmission is shifting gears.

Do not occur when the vehicle is decelerating.

Do not occur when TCC slip speed is zero. TCC slip speed is zero in gears 2-8 when engine RPM is greater than 1600 RPM.

### Recommendation/Instructions

These conditions may be caused by an internal torque converter issue.

A revised torque converter that addresses these conditions will be available soon.

This PI will be updated with more information and the P/N when these torque converters become available.

Current service transmission assemblies do not include this revised torque converter.

Replacing a transmission to address these conditions may not correct the condition and is not recommended.

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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