



# Service Bulletin

## PRELIMINARY INFORMATION

**Subject:** Random Bump Chuggle or Fishbite Sensation While Cruising At Approximately 1,300 RPM

**Models:** 2009-2013 Cadillac Escalade  
2008-2013 Chevrolet Avalanche, Silverado, Suburban, Tahoe  
2008-2013 GMC Sierra, Yukon, Yukon XL  
2009-2010 Hummer H2  
with 6.0L (RPO L76) or 6.2L (RPO L9H or L94) Engine

*This PI was superseded to update model years. Please discard PIP4681C.*

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

### Condition/Concern

Some customers may complain of a random bump, chuggle, or fishbite sensation when crowding the throttle slightly with the TCC on while cruising at 35-60 MPH. Generally, this is most apparent at 1,100-1,400 RPM but the RPM may vary slightly depending on body type, axle ratio, operating conditions, and road grade. In many cases, this may occur when lugging the engine up an incline at these conditions with the TCC locked up. The hotter the ambient temperature is the more pronounced this may be.

The Tech 2 may show a few random misfires at this time but no DTCs will be stored. This will occur with Active Fuel Management active or inactive. This concern is normally more apparent if the TCC is commanded to full lock up with a Tech 2, while the concern is normally improved greatly or eliminated if the TCC is commanded off. Temporarily disconnecting the CMP actuator connector will normally improve the concern or change the RPM range that it occurs at as well.

### Recommendation/Instructions

If related SI diagnosis, bulletins, and PIs do not isolate the cause of this concern, compare this with an identically equipped vehicle.

If another vehicle exhibits the same concern, this should be considered a characteristic of the vehicle and no repairs should be performed.

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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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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