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BULLETIN-SIT-BULLETIN-2017524: PIP4112C

Sag or Hesitation on Acceleration (Normal Operating Characteristics)

2007 Cadillac Escalade, Escalade EXT, Escalade ESV

2007 Chevrolet Avalanche, Silverado, Suburban, Tahoe

2007 GMC Sierra, Yukon, Yukon XL

2007 Chevrolet Impala / Monte Carlo

Equipped With a Gasoline Engine and Automatic Transmission

This PI was superseded to remove engineering investigation. Please discard PIP4112B.

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

Condition/Concern:

Some customers may comment on a sag or hesitation when accelerating under the following conditions:

When coasting with a closed throttle and then aggressively applying the throttle. Examples of this maneuver include a rolling stop or a lane change maneuver. In this maneuver even though the accelerator is applied aggressively the throttle blade is opened slowly for up to 0.7 seconds to help in taking up driveline lash and minimize clunk.

Also in a 6L80 or 6L90 (RPOs MYC or MYD) equipped vehicle when making a hard, complete stop with a closed throttle immediately followed by an aggressive throttle opening. In this maneuver the transmission downshifts may not be completed by the time the throttle is opened. As a result approximately 0.5 seconds of "zero" torque may be commanded to allow the shift to first gear to occur.

Recommendation/Instructions:

Both of the above conditions are a result of Torque Management and both of these conditions should be considered normal and no repairs should be attempted.

Engineering has identified a concern in vehicles equipped with a 6L80 or 6L90 (RPO MYC or MYD) transmission and in the process of developing and implementing a repair procedure at this time. Please do not attempt any repairs for this concern at this 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.