



Service Bulletin

PRELIMINARY INFORMATION

Subject: Front Suspension Squeak/Creak/Rumble/Rattle/Clunk/Thump/Click/Tick/Knock Type Noise Over Bumps

Models: 2015-2016 Cadillac Escalade Models
2015-2016 Chevrolet Tahoe LTZ, Suburban LTZ
2015-2016 GMC Sierra Denali 1500 and Yukon Denali Models
With Magnetic Ride Control Suspension (RPO Z95)
Vehicles Built Before 6/27/2016

This PI has been updated to add additional repair information. Please discard PIT5477.

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

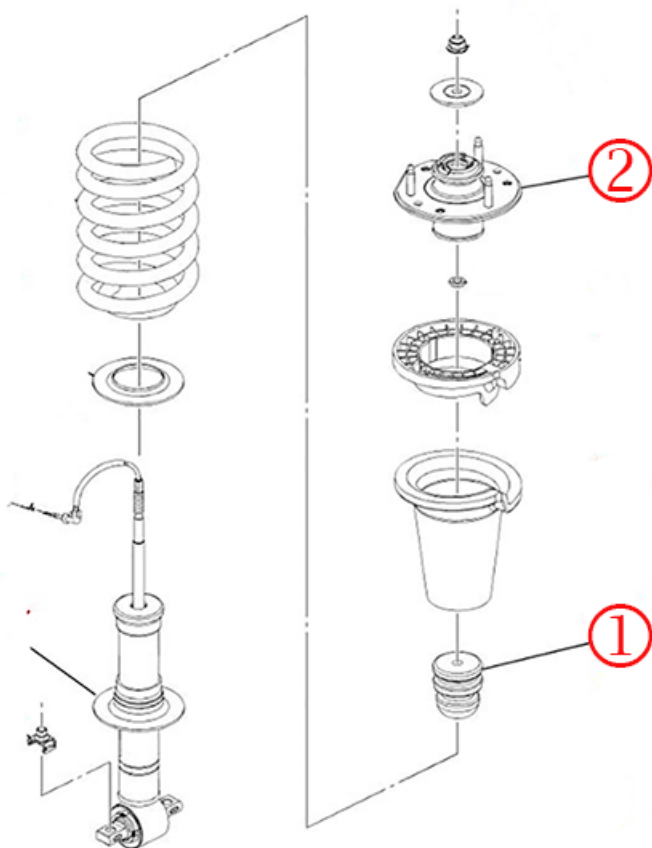
Condition/Concern

Some owners may comment on a squeak/creak, rumble/rattle, clunk/thump, or click/tick/knock-type noise from the front suspension when hitting bumps.

Recommendation/Instructions

This condition may be caused by a slip/stick condition between the front strut jounce bumper ID and piston rod.

1. Test drive the vehicle in the same low speed maneuvers mentioned by the customer in order to verify the concern.
2. Using Chassis Ears, verify that the noise is most noticeable at the upper strut mount area. The concern may be on one or both sides of the vehicle.
3. By jouncing the vehicle, the noise or vibration can be isolated using a stethoscope, and may possibly be felt in the vicinity.
If the issue is verified to originate from the front strut, install updated jounce bumpers, PN 84157475 which has an enlarged ID to eliminate contact with the piston rod.
4. Remove the LH and RH strut assemblies from the vehicle. Refer to Shock Absorber and Spring Removal and Installation in SI.
5. Release terminals from the electrical connector body. Refer to latest version of PIT5287.
6. Disassemble the coil spring and top mount assembly from each strut. Refer to Shock Absorber, Shock Absorber Component, or Spring Replacement in SI.



7. Remove the jounce bumper (1) from the top mount assembly (2).
8. Install the jounce bumper to the top mount assembly. NOTE: Ensure that the jounce bumper is secure to the top mount.
9. Assemble the coil spring and top mount to each strut. Refer to Shock Absorber, Shock Absorber Component, or Spring Replacement in SI.
10. Install the LH and RH strut assemblies to the vehicle. Refer to Shock Absorber and Spring Removal and Installation in SI.
11. Test drive the vehicle under the same conditions to verify the repair.

Parts Information

Part Number	Description	Qty
84157475	Bumper – Frt Susp Strut	2

Warranty Information

Labor Operation	Description	Labor Time
8033641	Shock Absorber, Shock Absorber Component, or Spring Replacement - Both Sides	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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