



Preliminary Information

PIT5986B Diagnostic Tip: Intermittent Thump Clunk Pop Click Noise From Front End Coming To A Stop / Taking Off From A Stop / At Random Times (Contact With Active Grill Shutters)

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	Escalade Models	2021 - 2024	All	All	All	All
Chevrolet	Silverado	2021 - 2024	All	All	All	All
Chevrolet	Suburban	2021 - 2024	All	All	All	All
Chevrolet	Tahoe	2021 - 2024	All	All	All	All
GMC	Sierra	2021 - 2024	All	All	All	All
GMC	Yukon Models	2021 - 2024	All	All	All	All

Involved Region or Country	North America
Condition	<p>Some customers may comment on a thump, clunk, pop, or click type noise coming from the front end.</p> <p>In some cases, the noise may be felt in the front driver/passenger floor or brake pedal.</p> <p>The noise is typically heard once the vehicle has been driven above 45 MPH, then coming to a stop, or releasing brake pedal after a stop.</p> <p>In rare cases, DTC P059F may set.</p> <p>NOTE: This noise has been misdiagnosed as an engine lifter noise or related to the auto start / stop system.</p> <p>The auto start/stop system can be turned off to rule that out.</p>
Cause	The cause of this noise could be something contacting the Active Grill Shutters as they open and close.

Correction:

To help determine if the noise is from the Active Grill Shutters contacting something, perform the following:

With the shutters open, remove the fuse that powers the grill shutter actuator.

Then test the vehicle and see if the noise goes away.

If the noise goes away remove the intake air splash shield to inspect the grill shutters for any contact.

Some known items that have been found contacting the shutters could be a mispositioned horn bracket, an unsecured intake air duct, stones, ice, etc.

Warranty Information

The correction for this concern may be any one of several repairs described above.

For vehicles repaired under warranty, please use the appropriate warranty labor operation based on the actual cause and repair.

Additional SI Keywords

scrape, scraped, scraping

Version History

Version	3
Modified	02/16/2023 - Created on. 05/08/2023 - Updated Condition 5/7/2024- Update to the models and title



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