



**Bulletin No.:** PIT5986D

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## Preliminary Information

### PIT5986D 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

<b>Brand:</b>	<b>Model:</b>	<b>Model Years:</b>	<b>VIN: from to</b>	<b>Engine:</b>	<b>Transmissions:</b>
Cadillac	Escalade	2021 - 2025	All All	All	All
Cadillac	Escalade ESV	2021 - 2025	All All	All	All
Chevrolet	Silverado 1500	2019 - 2025	All All	All	All
Chevrolet	Silverado 2500	2020 - 2025	All All	All	All
Chevrolet	Silverado 3500	2020 - 2025	All All	All	All
Chevrolet	Suburban	2021 - 2025	All All	All	All
Chevrolet	Tahoe	2021 - 2025	All All	All	All
GMC	Sierra 1500	2019 - 2025	All All	All	All
GMC	Sierra 2500	2020 - 2025	All All	All	All
GMC	Sierra 3500	2020 - 2025	All All	All	All
GMC	Yukon	2021 - 2025	All All	All	All
GMC	Yukon XL	2021 - 2025	All All	All	All

<b>Involved Region or Country</b>	<b>North America</b>
<b>Condition</b>	<p><b>Some customers may comment on a thump, clunk, pop, or click type noise coming from the front end.</b></p> <p><b>In some cases, the noise may be felt in the front driver/passenger floor or brake pedal.</b></p> <p><b>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.</b></p> <p><b>In rare cases, DTC P059F may set.</b></p> <p><b>NOTE: This noise has been misdiagnosed as an engine lifter noise or related to the auto start / stop system.</b></p> <p><b>The auto start/stop system can be turned off to rule that out.</b></p>
<b>Cause</b>	<b>The cause of this noise could be something contacting the Active Grill Shutters as they open and close or a missing Intake Air Splash Shield (example Document ID: 5654359) / other similar baffling.</b>

**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 verify the intake air splash shield is not missing or for any other frontal baffling / shields that are missing/broken/out of position and repair or replace, as necessary. If no issues are found, then 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**

<b>Version</b>	<b>5</b>
<b>Modified</b>	<b>02/16/2023 - Created on. 05/08/2023 - Updated Condition 05/07/2024- Update to the models and title 02/14/2025 - Update to the model list 04/07/2025 - Updates to the model list, cause and correction sections</b>