



**Bulletin No.:** PIT5854C

**Published date:** 01/17/2025

## Preliminary Information

### PIT5854C Service Leveling System/Speed Limited Message Due to Aftermarket Modifications

#### 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	Suburban	2021 - 2025	All	All All	All
Chevrolet	Tahoe	2021 - 2025	All	All All	All
GMC	Hummer EV	2022 - 2025	All	All All	All
GMC	Yukon	2021 - 2025	All	All All	All
GMC	Yukon XL	2021 - 2025	All	All All	All

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

<b>Involved Region or Country</b>	<b>North America</b>
<b>Additional Options (RPO)</b>	<b>F47</b>
<b>Condition</b>	<b>Some customers may comment on a Service Leveling System/Speed Limited message on DIC. Dealers may find no DTC's present.</b>
<b>Cause</b>	<b>This could be caused by incorrect vehicle ride height variance due to an aftermarket lowering kit installed.</b>

#### Correction:

Inspect for vehicle ride height being altered by performing the Trim Height Inspection (example Document ID # 5568651.)

These lowering kits can cause premature wear to the air suspension components, tires, CV Joint, and also affect headlamp aiming.

#### **Vehicle Ride Height lowered**

**Note: Decreased distance between top of tire and fender well.**

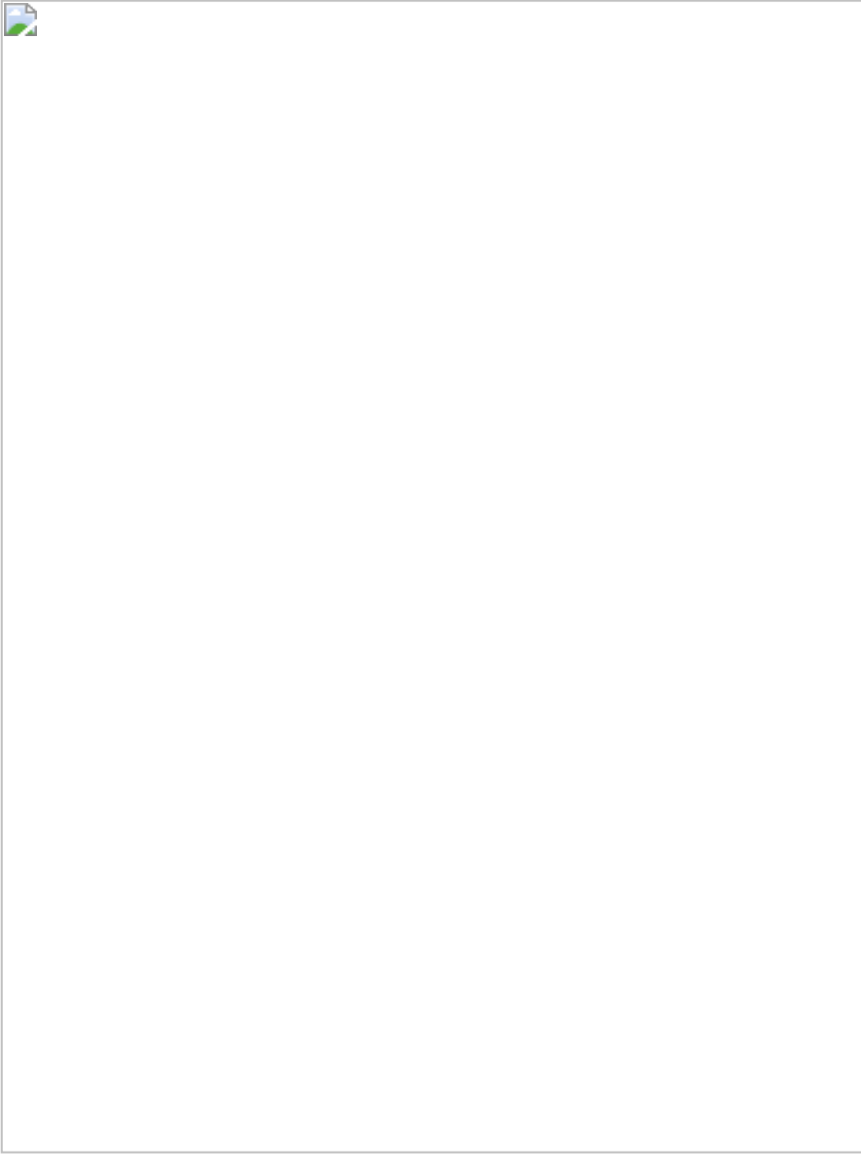


**If the suspension has been found to be lower than factory settings, inspect for aftermarket adjustable suspension height sensor links being installed.**

**Factory suspension height sensor links are not adjustable. As shown below:**



**Aftermarket Adjustable suspension height sensor links. As shown below:**



**Aftermarket Adjustable Height Sensor Linkages incorrectly adjusted side to side.**



**Aftermarket Adjustable Height Sensor Link not secured properly, preventing accurate height sensor readings.**



**Notice Angle or Rear Axle Drive Shaft due to suspension being lowered.**



### **Warranty Information**

**Any concerns or damage that occurs as a result of vehicle modification may not be covered under the Terms of the New Vehicle Limited Warranty. Reference the latest version of TSB [09-00-89-016](#) (Warranty Administration - Labor Operation 0600014 - Suspected Tampering or Vehicle Modifications) if needed.**

### **Version History**

<b>Version</b>	<b>4</b>
<b>Modified</b>	<b>09/21/2021 - Created on. 06/21/2022 - Added 2022 Model Year and Hummer EV 07/11/2024 - Updated Model Years 01/17/2025 - Updated Model Year</b>

