



Service Bulletin

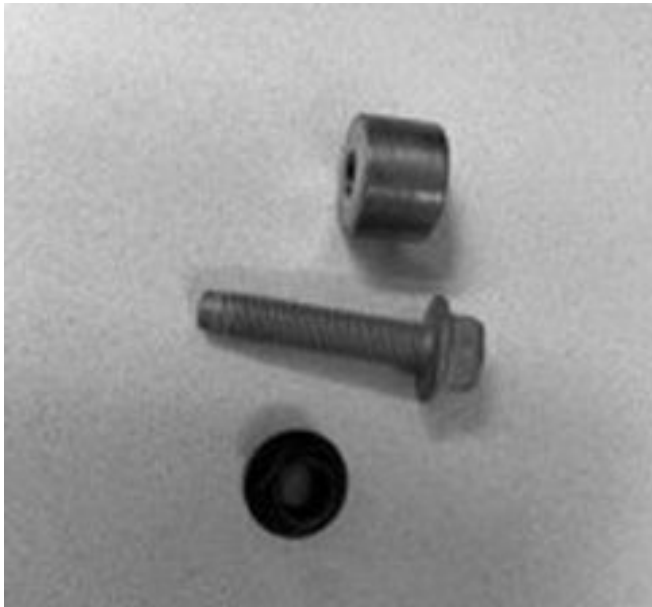
Bulletin No.: 24-NA-099

Date: March, 2025

TECHNICAL

Subject: Clunking Noise from Front of Vehicle

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	Escalade Models	2021	2025				
Chevrolet	Suburban						
	Tahoe						
GMC	Yukon Models						

Involved Region or Country	North America, Europe, Kazakhstan, Uzbekistan, Russia, Middle East, Iraq, Israel, Palestine, Argentina (Mercosur), Brazil (Mercosur), Bolivia (West), Chile (West), Colombia (West), Ecuador (West), Paraguay (West), Peru (West), Uruguay (West), Venezuela (West), Other Central America, Japan, Cadillac Korea (South Korea), GM Korea Company, China - SGM, Taiwan , Thailand (ASEAN), Singapore, Philippines, Australia/New Zealand, Caribbean
Condition	Some customers may comment of a clunk noise coming from the front end of the vehicle.
Cause	This condition may be caused by the stabilizer bar retaining nut has come loose from weld internally in the frame.
Correction	<div style="text-align: center;">  </div> <p>Replace only the affected bolt with a retaining bolt, spacer, and nut assembly. Refer to the Service Procedure.</p> <p style="text-align: right;">6664288</p>

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

Service Procedure

1. Remove the bolts that secure the stabilizer bar to the frame.
2. At the affected frame access hole, inspect area inside frame and clean area of any debris.
 - It may be necessary to cut off the affected bolt if it has not entirely separated from the retaining nut.
3. Ensure the retaining bolt/nut that has broken loose, is removed from the frame.



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4. Utilizing heatshrink tubing, feed the tubing through the side access hole in the frame through to the affected stabilizer bolt hole.
5. Install the spacer onto the new bolt.
6. Attach the tubing to approximately 3 to 4 threads of the bolt/spacer assembly.
 - Ensure the heatshrink tubing is sufficiently secure to the bolt.



6664317

7. Utilizing a flexible head magnet, guide the bolt/spacer assembly back through the frame access hole and through the affected stabilizer bolt hole.



6664356

Note: Once torqued to specification, the bolt/spacer should sit flush to the frame as shown in the graphic above.

8. Install the stabilizing bar using care not to push the bolt back into the frame.
 - Utilize a breaker bar and socket to hold bolt head inside frame rail from rotating.
9. If reusing the original bolts, loosen the adhesive using a metal pick or a similar tool before proceeding. Prepare the threaded components using the following steps:
 - 9.1. Remove any loose cured adhesive from the external threads of the components using a lint free cloth.
 - 9.2. Thread the cleaned components into the internal mating threads and remove to loosen trapped cured adhesive.
 - 9.3. Apply thread locking adhesive to the external threads of the components. Refer to *Adhesives, Fluids, Lubricants, and Sealers in SI*.
 - 9.4. Ensure there are no gaps in the thread locking adhesive once applied to the component.
10. Torque the sway bar clamp fasteners.

⇒ Front Stabilizer Shaft Bolt » Install and tighten [4x] *Fastener Specifications in SI.*

Parts Information

Causal Part	Description	Part Number	Qty
N/A	Bolt	11589276	As Required
N/A	Spacer	86587291	
N/A	NUT	11546367	

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
8086048*	Install Stabilizer Bar Bracket Bolt	1.0 hr
Add	Additional Bolts	0.4 hr

*This is a unique Labor Operation for Bulletin use only.

Version	4
Modified	Released June 07, 2024 Revised August 02, 2024 - Updated Service Information, Parts Information, and Revised Warranty Information sections respectively. Revised October 16, 2024 - Added 2021 and 2022 Model Years. Revised March 04, 2025 - Added 2025 Model Year.

