



Service Bulletin

Bulletin No.: 21-NA-241

Date: November, 2021

TECHNICAL

Subject: Sunroof Rattle Noise

Brand:	Model:	Model Year:		Date Breakpoint:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Camaro	2021	2021	June 22, 2021	July 13, 2021	All	All

Involved Region or Country	United States, Canada
Additional Options (RPOs)	Equipped with ROOF-SUN, GLASS, SLIDING, ELEC (RPO CF5)
Condition	Some customers may comment on hearing a rattle noise coming from the interior roof area of the vehicle while driving.
Cause	The cause of the condition may be due to a lack of body adhesion on the roof body side inner sub assembly.
Correction	Inspect for a faulty adhesive bond within the upper body structure, and repair following the Service Procedure below.

Service Procedure



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1. Inspect the roof bow by sliding a plastic trim tool between the rear of the sunroof opening and the headliner.
2. Slide the trim tool into the seam where the structural adhesive should be. If the paddle can penetrate between the roof bows and the roof, anywhere along the seam, this is considered a bad condition, and should require adhesion.
3. Inspect the D-Ring by gently pulling down the headliner around the sunroof opening, at the left rear corner.

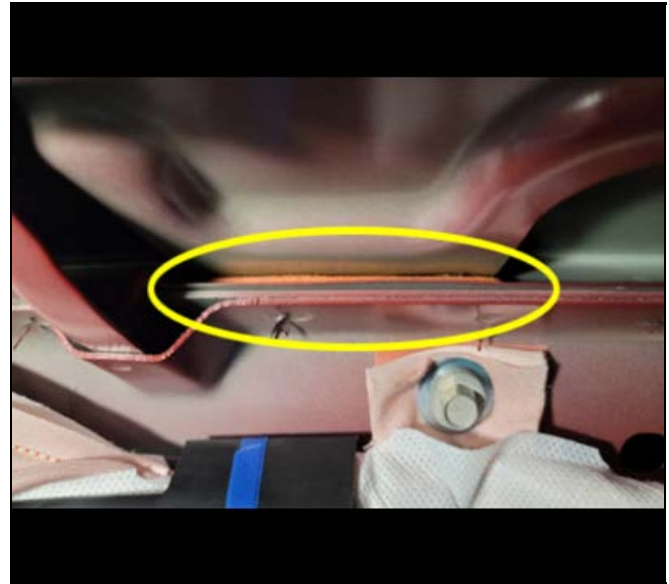


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Note: It is NOT recommended to ONLY do a visual inspection.

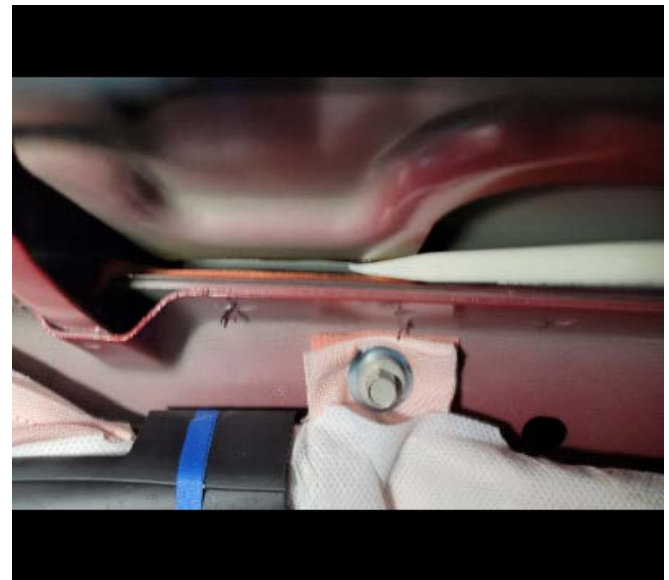
Note: Be careful not to crease the headliner or knock the blue blocks out of position when running your hand in-between the headliner and roof to feel for the D-ring.

4. The headliner should be flexed just enough to not only visually inspect the D-ring, but also use your hand to press on it physically to verify the adhesion bond is good.
5. After verification is complete, re-assemble the seal around the sunroof opening. If the adhesive is required, then the headliner must be dropped for the application process.
6. Obtain the recommended 3M™ Impact Resistant Structural Adhesive #07333, or equivalent, and apply following the steps below:
 - 6.1. Remove the left side B & C pillar trim panels, and lower the rear of the headliner enough to access the D-ring. Refer to *Headlining Trim Panel Replacement* in SI.



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- 6.2. Use a plastic trim stick to check, and pry the metals apart. If the vehicle is NOT exhibiting the condition, the panels will not separate. If they separate as shown, wedge the trim stick in between the panels and inject the Plio-grip adhesive.



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Note: Seats, carpet and any other trims should be covered to protect from any drips of repair sealant.

- 6.3. Starting at one side, insert the tip of the cartridge in between the metals. Then begin to inject a thick bead (approximately 4–5 mm (0.160–0.20 in) of adhesive in between the metals.



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6.4. Work your way across to other end of the bracket. Remove the trim stick and the allow metals to snap back. The joint should be visibly full of adhesive.



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Note: The graphic above shows the Rear Roof Bow (Rear inside structural bow at rear of sunroof opening), with the adhesive installed.

6.5. Adhesive must fill the entire void.



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6.6. Wipe off any drips (1) and excess adhesive, to prevent contact or contamination of other parts. Ensure there remains a clean, thick bead (2) of adhesive.

Note: Avoid driving the vehicle and allow the adhesive to cure at least 10 hours after application.

7. Reinstall the headliner and trim panels, once the adhesive install is complete. Refer to *Headlining Trim Panel Replacement* in SI.

Parts Information

3M® products are available through your local 3M® distributor. Information about 3M® product retailers in your area may be obtained at 1-866-364-3577 or at <http://3mcollision.com/>

Causal Part	Description	Part Number	Material Allowance
N/A	3M™ Impact Resistant Structural Adhesive	07333	\$67.35 U.S. \$121.20 Canada

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
1481578*	Inspect Roof Bow, Apply Sealant	2.5 hrs
*This is a unique Labor Operation for bulletin use only.		

Version	1
Modified	Released November 15, 2021

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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