

#23-NA-209: Oil Can and/or Pop Noise from Roof Area During Car Wash - (Feb 25, 2025)

Subject: Oil Can and/or Pop Noise from Roof Area During Car Wash



Brand:	Model:	Model Year:		Vehicle Build Date Breakpoint:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Colorado	2023	2025	SOP	February 3rd, 2025	All	All
GMC	Canyon						

Involved Region or Country	North America
Additional Options (RPOs)	Excluding all vehicles equipped with Sunroof (RPO CAC)
Condition	Some customers may comment on an oil canning or popping noise originating from the roof area during or after an automatic car wash.
Cause	The cause of the condition may be force from some air dryers at an automated car wash can cause flex in the roof panel, causing a loud oil canning type sound.
Correction	Repair any damage done during the event and apply stiffening patches and install roof panel longitudinal bow to the underside of the roof panel following the procedure listed below.

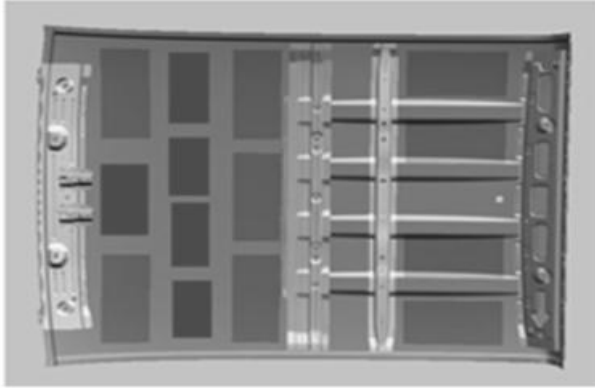
Service Procedure

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.

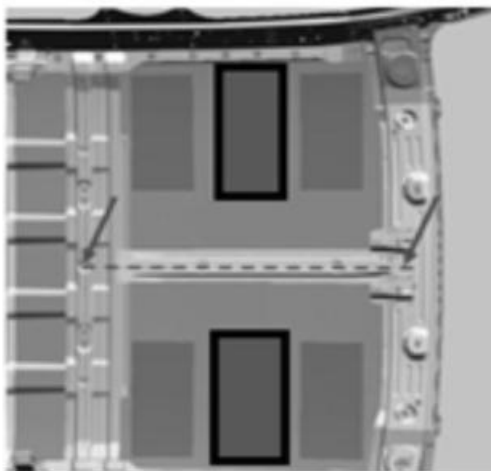
If you encounter a vehicle with the above concern, repair any damage done to the roof by following the proper repair procedures within SI.

Once the roof is repaired of all damage, complete the following procedure to install stiffening patches to the underside of the roof panel.

1. Drop the headliner, but do not fully remove from the vehicle. Refer to *Headlining Trim Panel Replacement* in Si.



2. If the vehicle has already had the 5 stiffening panels installed to the underside of the roof panel in the RED locations in the illustration above, proceed to step 4. It is not necessary to remove any of the stiffening panels that have been previously installed before installing the roof bow.

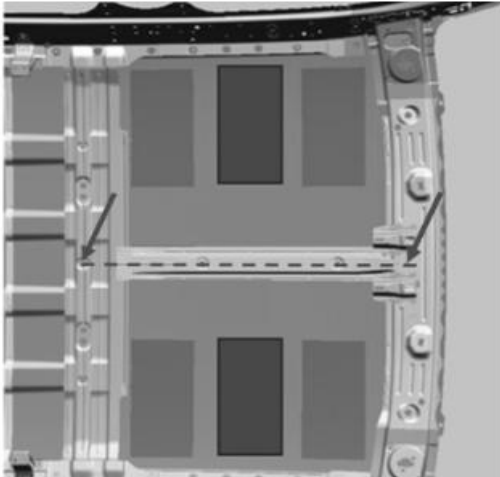


3. Once the headliner is dropped (but not removed) apply the 2 stiffening panels to the underside of the roof panel in the RED locations in the illustration above.

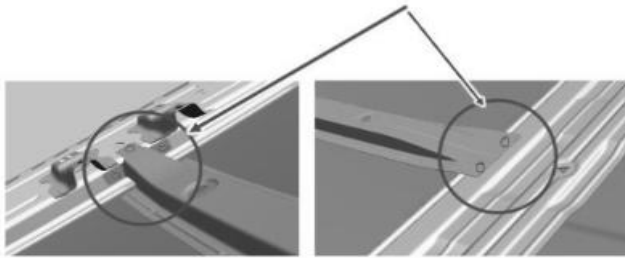


4. Pre-Drill Roof Bow (6.7mm (17/64) for the rivet in the areas (x5) shown in the above graphics.

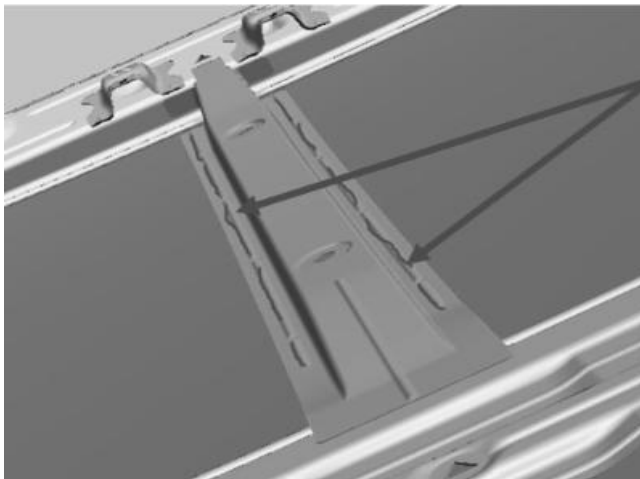




5. Using magnets to hold the roof bow in the proper position (Align the center line of the roof bow to the center line of the triangles in roof bars as shown in the above image).
Drill holes in the underside roof structure using the pre-drilled roof bow as a template- and using depth control device on bit.
6. Remove the roof bow.



7. Apply crash durable structural adhesive Fusor 2098 or equivalent as called out in the graphic with a 3mm width of wet out along both ends.



8. Apply panel vibration control material - anti-flutter SEM #39977 or equivalent along the length of the bow as called out in the above graphic.





9. Install Roof Bow to the vehicle and Install Rivets (x5).
10. Once the panels and roof bow are installed, reinstall the headliner. Refer to *Headlining Trim Panel Replacement* in Si.
11. Verify the condition is corrected

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Parts Information

Causal Part	Description	Part Number	Qty
N/A	DEADENER-F/FLR PNL FRT SI	15828539	2
	BOW-RF PNL LGTDNL	85689511	1
	Panel Vibration Control Material (Anti-flutter)*	SEM #39977	-
	Crash Durable Structural Adhesive*	Fusor 2098	-
	RIVET-DA PNL	19353808	5

* We believe this source and their products to be reliable. There may be additional manufacturers of such products/materials. General Motors does not endorse, indicate any preference for, or assume any responsibility for the products or material from this firm or for any such items that may be available from other sources.

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
6086158*	Install Roof Stiffening Patches and Roof Panel Longitudinal Bow	2.0hr
*This is a unique Labor Operation for Bulletin use only.		

Version	4
Modified	Released January 25, 2024 Revised March 18, 2024 – Added 2024 Model Year. Revised February 07, 2025 – Updated service procedure to add steps to install Roof Bow and supporting information. Revised February 25, 2025 – Added Vehicle Build Date Breakpoint.

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