



Service Bulletin

Bulletin No.: 16-NA-003

Date: March, 2023

TECHNICAL

Subject: Chirp, Squeak Noise from Rear of Vehicle

Brand:	Model:	Model Year:		VIN Breakpoint:		Engine:	Transmission:
		from	to	from	to		
Cadillac	ATS-V Series	2016	2019	—	—	All	All
	CTS-V Series						
Chevrolet	Camaro	2016					
	Corvette	2014					

Involved Region or Country	North America Only
Additional Option (RPOs)	Chevrolet – Equipped with LT4 Engine, LGX Engine / NPP Exhaust, LT1 Engine / N10 Exhaust or LT1 Engine / NPP Exhaust Cadillac – Equipped with LF4 or LT4 Engine
Condition	Some customers may comment on hearing a squeak or chirp noise coming from the rear of the vehicle. The noise may be reported as being intermittent.
Cause	The noise may be caused by the opening/closing of the exhaust valves during normal performance.

Correction

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.

Note: There is a normal, audible noise associated with the opening/closing of the exhaust valves. The squeak/chirp noise noting the condition is an additional, more shrill noise, and may be intermittent, influenced by temperature and humidity.

Confirm that the front or rear/tail pipe valves are the cause of the condition by activating the flow control function of the exhaust system.

1. Raise and support the vehicle. Refer to *Lifting and Jacking the Vehicle* in SI.
2. Use GDS to verify the exhaust flow control valves open and close when commanding the Exhaust Flow Control Valve On and Off with a scan tool.
3. For Camaro and Corvette models, the engine sound management setting must be set to “Auto” to enable the scan tool to operate the valves.

Note: The noise may only occur during valve opening OR closing of a valve, not always both.

4. Command the flow control functioning numerous times and listen for any squeak/chirp noise, over and above the normal activation noise.
5. If the squeak/chirp noise is evident, continue ahead to the lubrication Service Procedure below.

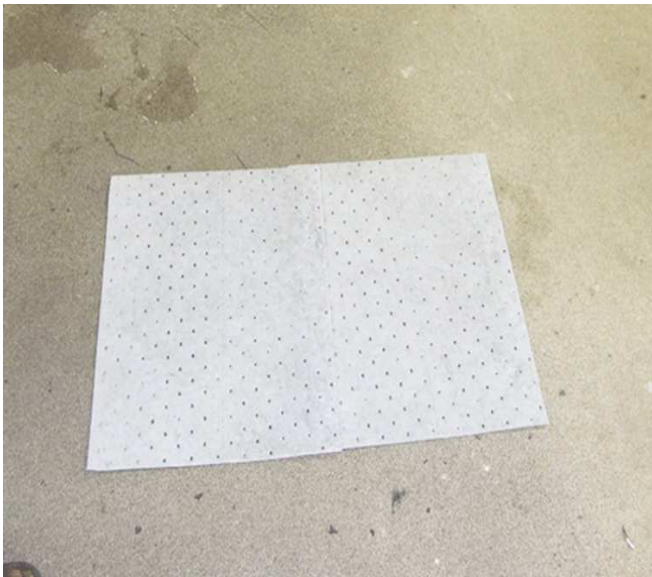
Service Procedure



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Important: Regardless the noisy valve location, lubricate ALL exhaust valves on the system. Generously lubricate the forward, and rear if equipped, exhaust valves following the steps below:

1. Fully raise the vehicle.



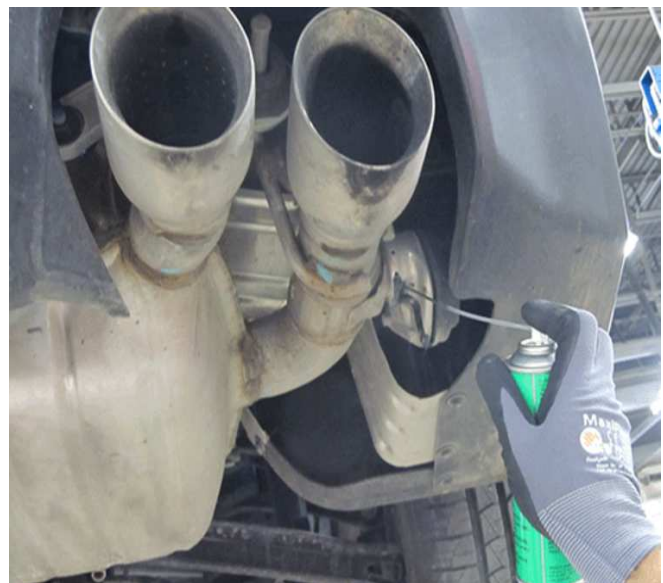
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2. Position a drop cloth below the valve being lubricated.



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3. Apply DRY SLIDE Multi-Purpose Dry Lubricant, P/ N 1052948 (in Canada, use 89021511), into the valve by inserting the nozzle into the slot on the valve. Liberally apply a generous amount of the lubricant.



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4. Move the drop cloth to and repeat application at both, or all four valve locations, depending on the exhaust system.
5. With all valves lubricated, command the flow control functioning numerous times on all valves, to work the lubricant into the valve.
6. During the flow control functioning, also verify the squeak/chirp noise has been eliminated.

Parts Information

Description	Part Number	Qty
LUBRICANT, DRI-SLIDE, 4 OZ AEROSOL VOC COMPLIANT LUBRICANT, DRI-SLIDE, 149 G (Canada)	01052948 P/N 89021511 (Canada)	1

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
4081088*	Apply Lubricant to Exhaust Valves	0.4 hr
*This is a unique Labor Operation for bulletin use only.		

Version	4
Modified	Released on January 08, 2016 Revised January 22, 2016 – Added Corvette breakpoint, updated Additional Option RPOS, updated step #2 and added step #3 to Correction. Revised May 05, 2016 – Updated Additional Option RPOs. Revised March 07, 2023 – Removed the Attention statement, updated Model Years, removed Breakpoints, added Involved Region or Country section to table, removed Export Regions, and Added Important statement under Correction.