



Service Bulletin

File in Section: -

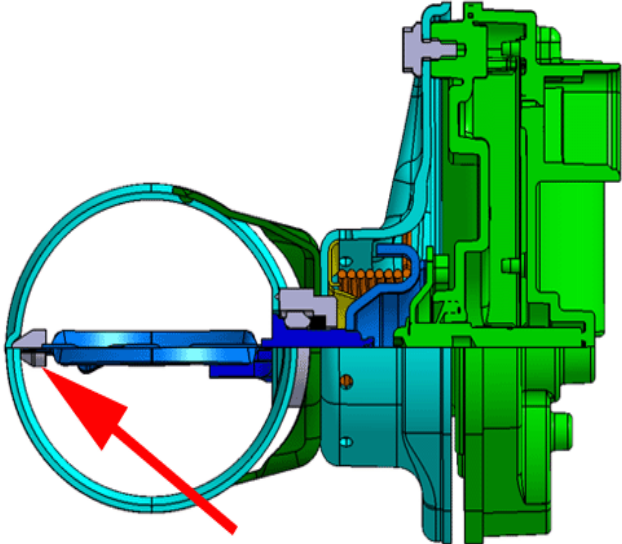
Bulletin No.: 16-NA-173

Date: August, 2016

TECHNICAL

Subject: Exhaust Rattle Noise Originating from Rear of Vehicle

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Camaro	2016	2017			LT1 or LGX	All

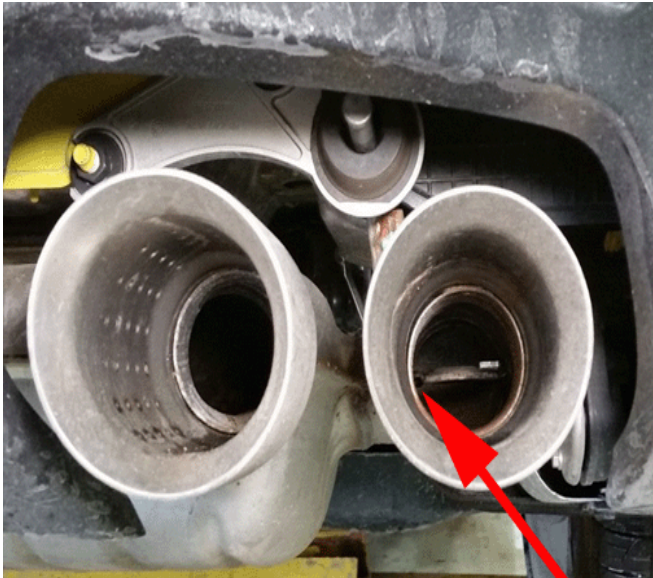
Involved Region or Country	North America, Europe, Israel, Middle East, Korea
Additional Options (RPO)	Equipped with Performance Exhaust RPO NPP
Condition	Some customers may comment on an exhaust rattle originating from the rear of the vehicle.
Cause	 <p style="text-align: right;">4508506</p> <p>This may be caused by the ceramic pin on the exhaust valve.</p>

Correction

If you encounter a vehicle with the above concern, complete the following steps to bond the ceramic pin to the valve:

Important: Do NOT replace the exhaust for this condition.

1. Raise and support the vehicle. Refer to *Lifting and Jacking the Vehicle* in SI.
2. Let the vehicle's exhaust system cool to room temperature.



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3. Using brake parts cleaner and a wire brush, clean the ceramic pins on the side of each valve.



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4. Lower the vehicle. Press and release the ignition mode switch to put the vehicle in the Accessory mode. The amber LED will illuminate once the correct mode has been achieved. From the home page of the radio, follow the path listed below to turn the vehicle's Stealth mode on.
Settings>Driving Mode>Engine Sound Management>Stealth



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5. Raise the vehicle back in the air and using a long Q-Tip taped to a long handled screwdriver, apply epoxy to the ceramic pin where it meets the exhaust valve.

Important: Do not apply epoxy to the exhaust pipe where the ceramic pin pivots. Doing so may cause the valve not to function as intended.

6. Lower the vehicle back down and using the pathing listed in step 4, put the vehicle's Engine Sound Management into Auto mode.

Important: Starting the vehicle may cause the epoxy not to cure as intended.



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7. Repeat Step 5 with the valves open (vehicle out of Stealth Mode).

Important: Do not apply epoxy to the exhaust pipe where the ceramic pins pivot. By doing this, the exhaust valves may not function as intended.

8. Let the epoxy dry/cure for roughly an hour before restarting the vehicle.

Parts Information



4571936

Either of the products below can be used for this repair. For additional information on Loctite™, contact www.Loctite.com or call in the U.S., 1-800-562-8483. In Canada, call 1-800-263-5043.

Description	Part Number	Qty
Loctite Quick Set Epoxy*	1395391	1
Loctite Fixmaster Poxy Pak*	EA9017	1

*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

Labor Operation	Description	Labor Time
4081238*	Applying Epoxy to Exhaust Valve Pins	0.6 hr

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

Version	2
Modified	August 12, 2016 – Added 2017 Model Year and added an additional Epoxy that can be used in the repair.

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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