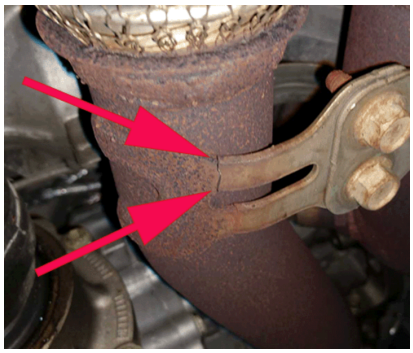
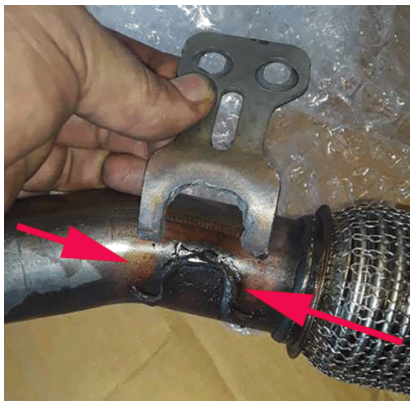
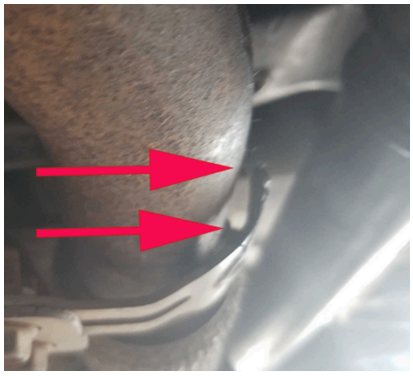
EXHAUST LEAK, LEAN CODES, RATTLE NOISE, OR CATALYTIC CONVERTER FAILURE CODES

#PIP5681C: Exhaust leak, Lean Codes, Rattle Noise, or Catalytic Converter Failure Codes. - (Apr 27, 2022)

Subject: Exhaust leak, Lean Codes, Rattle Noise, or Catalytic Converter Failure Codes.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Enclave	2018-2022		All	All	3.6L LFY	All
Chevrolet	Traverse	2018-2022		All	All	3.6L LFY	All

Involved Region or Country	North America, Europe, Russia, Middle East, Iraq, Israel, Palestine, Argentina, Brazil, Bolivia, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, Venezuela, Japan, Cadillac Korea (South Korea), GM Korea Company, China, Taiwan, Thailand, Singapore, Philippines, Egypt, Other Africa, South Africa
Condition	Some customers may complain of a rattle or exhaust noise, a CEL/MIL on, or repeat concerns of lean codes or converter failure codes. You may find a cracked pipe on Bank 2, a cracked pipe to the converter on Bank 1 (part of the front muffler assembly), or any of these DTC's - P0171, P0174, P0420, P0430, P2096, P2097, P2098, or P2099.

Cause	The cause for these concerns could be a broken or poor weld with lack of penetration on the Bank 2 exhaust flex pipe bracket as shown below. Also this concern has been seen to cause the same type of break on the pipe to the Bank 1 converter which is part of the front muffler assembly.    

Correction

The correction for this concern is to replace the pipe from the Bank 2 converter to the mid exhaust assembly.

Also inspect for damage to the right catalytic converter pipe at the connecting bracket caused by the Bank 2 pipe being broken and replace as needed.

Note: This concern does not cause hardware concerns on the catalytic converter and the converter should not be replaced for this.

Clear any codes that have set and retest the vehicle till the codes have run and ensure they pass.

Note: This PI will be made into a bulletin when a clear breakpoint date is established for this concern.

Warranty Information

For vehicles repaired under the Emission coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
4050420	Exhaust Front Pipe Replacement	Use Published Labor Time

Version	4
Modified	09/26/2019 - Created on, 10/05/2020 - Updated to add 2020 Model Year. 10/14/2021 - Updated to include other countries and Model Year 2021 04/27/2022 - Updated to clarify inspection and repair instructions and add 2022 Model Year.

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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