



Service Bulletin

Bulletin No.: 20-NA-084

Date: February, 2024

INFORMATION

Subject: Information on Possible Normal Engine Noise

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Encore GX	2020	2024	—	—	1.2L Turbo (RPO LIH)	—
Chevrolet	Trailblazer (VIN M)	2021	2023	—	—	1.2L Turbo (RPO LIH)	—

Involved Region or Country	North America
Condition	Some customers may comment that the engine makes noises that do not seem normal.
Information	<p>The LIH engine in the Buick Encore GX and Chevrolet Trailblazer may exhibit a noise that is noticeable or possibly objectionable to the customer under certain circumstances. The noise sounds like a deep thudding in the engine when it is operating in the lower speed range (typically less than 2,000 rpm) during a launch at moderate to high throttle inputs. This noise may be more pronounced when the engine is cold, than once it has warmed up. This noise is inherent to this small-displacement, power-dense engine design.</p> <p>Customers who experience this noise and express concern about it should be reassured that this is not an indication that anything is wrong with their engine. The attached recording provides an example of this noise condition, which is considered normal, and for which the customer should have no concern.</p>

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.

Parts Information

No parts are required for this repair.

Version	4
Modified	<p>Released April 06, 2020</p> <p>Revised December 11, 2020 - Added the 2021 Model Year to the Encore GX.</p> <p>Revised March 30, 2022 - Added the 2022 Model Year.</p> <p>Revised February 12, 2024 - Added the 2023 and 2024 Model Years to Applicable Models.</p>

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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