



# Service Bulletin

Bulletin No.: 21-NA-122

Date: November, 2021

## TECHNICAL

**Subject: Vibration or Boom At 1300 RPM**

**This Bulletin replaces PIT5778. Please discard PIT5778.**

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Equinox	2020	2022				
Holden	Equinox	2020	2020				
GMC	Terrain	2020	2022				

<b>Involved Region or Country</b>	North America, Middle East, Israel, Palestine, Argentina (Mercosur), Brazil (Mercosur), Chile (West), Colombia (West), Ecuador (West), Peru (West), Uruguay (West), GM Korea Company, Thailand (ASEAN), Australia/New Zealand, Egypt, Other Africa
<b>Condition</b>	A customer may come in with a complaint of excessive vibration in the steering wheel or seat or floor at idle or at low to moderate speeds. . – They may equate it to a vehicle speed, but it's more likely in driving conditions of under 1300 RPM. Complaint can also be a very low frequency boom sound or a pressure in their ears
<b>Cause</b>	This may be caused by a touch condition between the bottom surface of the radiator upper bracket and the top of the radiator tank. – There should be about 3 mm of free play in the vertical direction of the radiator upper bracket to avoid bind-up and increased vibration or boom sound in the car. A badge or credit card should be able to fit between the radiator upper mount and the radiator tank, all the way to the locating pin.
<b>Correction</b>	Verify if this is the cause of the sound or vibration, it can be verified in the stall by evaluating vehicle idle noise/vibration and/or raising the engine RPM in Drive to 1200-1300 with foot on brake. While at this engine speed, have a helper remove the bolts on the radiator upper brackets. The noise or vibration should improve or go away. • If the noise or vibration is eliminated by loosening the bolts, replace both of the radiator upper brackets. Refer to <i>Radiator Upper Bracket Replacement</i> in SI. • If the noise or vibration is NOT eliminated by loosening the bolts, refer to SI.

### Parts Information

Causal Part	Description	Part Number	Qty
X	BRACKET,RAD UPR - LH	84981710	1
X	BRACKET,RAD UPR - RH	84981711	1

### Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
4030710	Radiator Upper Bracket Replacement - Left Side	Use the Published Labor Operations Time
4030720	Radiator Upper Bracket Replacement - Right Side	

Version	2
Modified	Released July 12, 2021 Revised November 05, 2021 - Added 2022 to 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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