Service Bulletin

Bulletin No.: 20-NA-205
Date: October, 2020

TECHNICAL

Subject: Knocking Noise Under Light Load

This bulletin replaces PIP5349. Please discard PIP5349.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Enclave	2012	2017			3.6 L (LLT)	
Chevrolet	Traverse						
GMC	Acadia		2016				
	Acadia (VIN R, V)	2017	2017				

Involved Region or Country	North America, Russia, Middle East, Iraq, Israel, Palestine, Chile (West), Colombia (West), Peru (West), China - SGM, Thailand (ASEAN), Other Africa
Condition	Some customers may comment that there is a knocking noise from the engine under light load while driving at engine speeds between 1100 and 1800 rpm. Generally this noise will be heard inside the vehicle more prominently than under the hood.
Cause	This condition may be caused by an internal air horn in the intake manifold that has become loose overtime and while the engine is running can cause a knock type noise. ⇒ Before performing any engine disassembly, validate a source of the knock noise, follow the recommendation below.
Correction	If a vehicle comes in with this concern, use a stethoscope or chassis ears and listen for the knock at the intake manifold and at the lower engine. Some concerns where the internal air horns of the intake will resonate against the outside of the housing causing a knock noise. This knock can sound like a piston or rod knock at times and lead to unnecessary engine inspection or replacement. • If the noise is more noticeable in the intake manifold, then replace the upper intake manifold assembly and reevaluate the concern. • If the noise is still present then continue with normal diagnosis for an engine knock concern.

Service Procedure

Refer to *Intake Manifold Replacement* per SI.

Parts Information

Causal Part	Description	Part Number	Qty
X	Intake Manifold Kit	12633366	1

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
4060450	Intake Manifold Replacement	Use the Published Labor Operations Time

Version	1
Modified	Released October 23, 2020