Bulletin No.: PIP5817A
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Preliminary Information

PIP5817A Hot Idle Tick Noise from Engine

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Envision	2021 - 2022	All	All	2.0L (LSY)	All
Cadillac	CT4	2020 - 2022	All	All	2.0L (LSY)	All
Cadillac	CT5	2020 - 2022	All	All	2.0L (LSY)	All
Cadillac	XT4	2019 - 2022	All	All	2.0L (LSY)	All
Cadillac	XT5	2020 - 2022	All	All	2.0L (LSY)	All
Cadillac	XT6	2020 - 2022	All	All	2.0L (LSY)	All
Chevrolet	Blazer	2020 - 2022	All	All	2.0L (LSY)	Al
Chevrolet	Silverado, 1500 (New Model)	2021 - 2022	All	All	2.7L (L3B)	All
GMC	Acadia	2020 - 2022	All	All	2.0L (LSY)	All
GMC	Sierra, 1500 (New Model)	2021 - 2022	All	All	2.7L (L3B)	All

Involved Region or Country	North America
Condition	Ticking or tapping noise from upper engine at hot idle.
Cause	Potential camshaft generated noise.

NOTE: While this noise may lead to customer dissatisfaction, it is not a durability issue.

Correction:

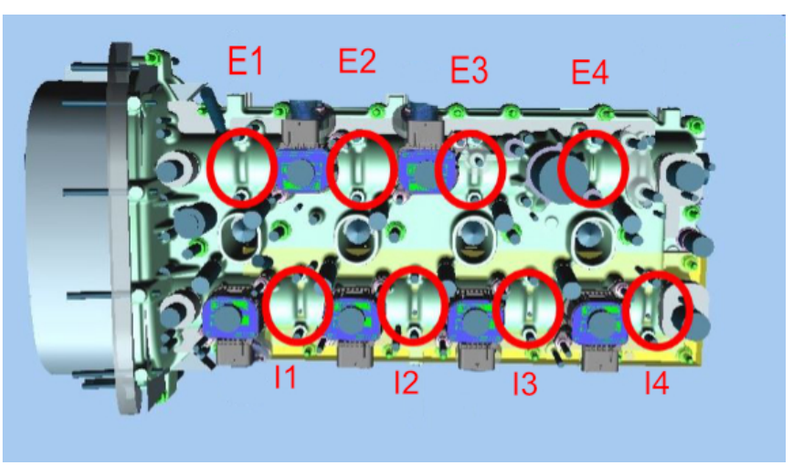
Some customers may have a concern of tick noise at hot idle from the upper engine.

This noise will occur at valve train speed, increase and decrease with RPM and may become louder as the engine temperature increases.

This concern will not cause engine misfires, and typically will not set system related DTC's.

With the engine at operating temperature, idle the engine to duplicate the tick noise.

Carefully place the tip of a stethoscope at the locations shown below to isolate the area of the noise.



Once the noise is isolated, remove the Camshaft Carrier Cover following all GSI procedures.

Do not replace Stationary Hydraulic Lash Adjusters or Roller Finger Followers unless damage or performance issues are confirmed.

Replace either the Intake Camshaft or Exhaust Camshaft based on the location of the noise isolated using the Stethoscope.

Version History

Version	2
Modified	08/20/2021 - Created on. 01/26/2022 - To add vehicles / model years.

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