



## Preliminary Information

### PIP5900 Diagnostic Tips for Seized Engine or Engine Noise

#### Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	Escalade	2021 - 2023	All	All	6.2L L87	All
Chevrolet	Silverado	2019 - 2023	All	All	6.2L L87	All
Chevrolet	Suburban	2021 - 2023	All	All	6.2L L87	All
Chevrolet	Tahoe	2021 - 2023	All	All	6.2L L87	All
GMC	Sierra	2019 - 2023	All	All	6.2L L87	All
GMC	Yukon	2021 - 2023	All	All	6.2L L87	All

Involved Region or Country	North America
Condition	A 6.2L L87 engine may not crank due to being seized with possible starter fuse being open. Various engine noises such as but not limited to: Thumping (which may be perceived as upper engine noise or possibly from the transmission), knocking and rattling.
Cause	Possible crankshaft bearing failure.

#### Correction:

If any of the above issues are present and the condition has been identified as an internal engine concern, the following may be helpful.

Inspect the engine oil and filter for excessive metal debris, specifically bearing material.

Once bearing material has been identified, remove the engine oil pan for further inspection of the crankshaft rod and main bearings.

If it has been found there is damage to the crankshaft bearings please follow the latest versions of Technical Service Bulletins [22-NA-074](#) and [18-NA-073](#) for further repair direction.

#### Version History

Version	1
Modified	02/10/2023 - Created on.

