

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 |

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|-----------------------------------|---|
| 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 possible) |
| 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

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