



# Preliminary Information

## PIP5503B Diagnostic Tips for Engine Vibration

### Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	CTS-V	2016 - 2019	All	All	6.2L LT4	All
Cadillac	Escalade	2015 - 2020	All	All	6.2L L86	All
Chevrolet	Camaro	2016 - 2020	All	All	6.2L LT1, LT4	All
Chevrolet	Express	2018 - 2020	All	All	4.3L LV1	All
Chevrolet	Silverado	2014 - 2018	All	All	4.3L LV3 5.3L L83 6.2L L86	All
Chevrolet	Silverado	2019 - 2020	All	All	4.3L LV3 5.3L L82 5.3L L84 6.2L L87	All
Chevrolet	Silverado LD	2019	All	All	4.3L LV3 5.3L L83 6.2L L86	All
Chevrolet	Suburban	2015 - 2020	All	All	5.3L L83	All
Chevrolet	Tahoe	2015 - 2020	All	All	5.3L L83	All
GMC	Savana	2018 - 2020	All	All	4.3L LV1	All
GMC	Sierra	2014 - 2018	All	All	4.3L LV3 5.3L L83 6.2L L86	All
GMC	Sierra	2019 - 2020	All	All	4.3L LV3 5.3L L82 5.3L L84 6.2L L87	All
GMC	Sierra Limited	2019	All	All	4.3L LV3 5.3L L83 6.2L L86	All
GMC	Yukon	2015 - 2020	All	All	5.3L L83 6.2L L86	All

<b>Involved Region or Country</b>	<b>North America</b>
<b>Condition</b>	<p><b>Customer may have a concern with an engine vibration, this vibration may occur when vehicle is stationary or accelerating from a stop.</b></p> <p><b>It may be found that engine oil was recently changed.</b></p>
<b>Cause</b>	<b>Engine oil overfilled.</b>

### Correction:

If the above concern is encountered, it is recommended to check the engine oil level (refer to vehicle owner's manual for details on correctly checking engine oil level).

A vibration caused by a crankcase overfilled with engine oil will typically display Engine 1 (E1) as the dominant vibration when monitored with the PICO Scope.

If the engine oil level is confirmed to be overfull, verify if the crankcase was overfilled with engine oil or is contaminated by an outside substance such as fuel or coolant.

If the engine was overfilled with only engine oil, adjust the oil level and re-evaluate the concern (possibly the result of the engine oil having been overfilled during an oil change or maintenance service).

If the engine oil level was overfull as a result of contamination, determine the source of the contamination and repair as needed.

**NOTE: As further information becomes available this PI will be updated or replaced with a bulletin as needed.**

### Version History

Version	<b>3</b>
Modified	06/14/2017 - Created 12/10/2018 - Updated to include 2018 and 2019 model years and add clarity to Correction. 01/10/2020 - Update to models and model year coverage.



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