



Bulletin No.: PIT6171
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Preliminary Information

PIT6171 Diagnostic Tip - Highway Speed Wheel / Tire Vibration

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	Escalade V Models	2024	All	All	All	All

Involved Region or Country	North America
Additional Options (RPO)	J49 - BRAKE SYSTEM
Condition	Some customers may comment of a vibration at highway speeds. This condition would be found on low mileage vehicles / present from new. When analyzing the vibration using the CH-51450-NVH Pico scope it will indicate a wheel/tire speed vibration.
Cause	The cause of this condition could be the front brake rotors being out of balance.

Correction:

Normal SI diagnostics should be performed, example Vibration Analysis - Tire and Wheel Document ID: 5039422. The balance of the brake rotors can be tested using a wheel/tire balancer, example Brake Rotor/Drum Balance Inspection Document ID: 5039422. Replace any brake rotor that is not within specification.

Version History

Version	1
Modified	05/09/2024 - Created on.



GENERAL MOTORS