



Bulletin No.: PIT6171A

Published date: 08/9/2024

Preliminary Information

PIT6171A Diagnostic Tip - Highway Speed Wheel / Tire Vibration

Models

Brand:	Model:	Model Years:	VIN: from to	Engine:	Transmissions:
Cadillac	Escalade V Models	2024	All	All All	All
Chevrolet	Suburban	2024	All	All All	All
Chevrolet	Tahoe	2024	All	All All	All
GMC	Yukon Models	2024	All	All All	All

Involved Region or Country	North America
Additional Options (RPO)	J49 - BRAKE SYSTEM
Condition	<p>Some customers may comment of a vibration at highway speeds.</p> <p>This condition would be found on low mileage vehicles / present from new.</p> <p>When analyzing the vibration using the CH-51450-NVH Pico scope it will indicate a wheel/tire speed vibration.</p>
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: 2084541

Replace any brake rotor that is not within specification.

Version History

Version	2
Modified	05/09/2024 - Created on. 08/09/2024 - Update to the model list.

 GM Global Brands

© 2024 General Motors. All Rights Reserved.