



Preliminary Information

PIT6115 Steering Pull Only When Super Cruise Is Engaged

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	Escalade Models	2021 - 2024	All	All	All	All
Chevrolet	Silverado 1500 New (RPO J22, VIN Digit 5 = A or D)	2022	All	All	All	All
Chevrolet	Silverado 1500	2023 - 2024	All	All	All	All
Chevrolet	Suburban	2023 - 2024	All	All	All	All
Chevrolet	Tahoe	2023 - 2024	All	All	All	All
GMC	Sierra 1500 New (RPO J22, VIN Digit 5 = H or U)	2022	All	All	All	All
GMC	Sierra 1500	2023 - 2024	All	All	All	All
GMC	Yukon Models	2023 - 2024	All	All	All	All

Involved Region or Country	North America
Additional Options (RPO)	UKL - Super Cruise
Condition	Some customers may comment that when super cruise is engaged the vehicle will pull towards one of the lane markers. During normal driving and/or if normal/adaptive cruise is used a pull may not be noticed.
Cause	<p>The cause of this concern could be incorrect wheel alignment and/or the steering wheel position sensor centering or pin wheel reset procedures were not performed after the alignment.</p> <p>When a wheel alignment is performed, per SI instructions, a "Steering Wheel Position Sensor Centering" procedure must be completed using GDS2 in the Power Steering Control Module and Brake System Control Module. In addition to the centering procedure, on vehicles that are equipped with Super Cruise, a Pin Wheel Reset must be completed in the K124 Image Processing Module. Currently, the Pin Wheel Reset procedure is missing from GDS2.</p>

Correction:

To correct this concern, perform the following:

- Perform all appropriate pre-alignment inspections.
- NOTE: On vehicles with Air Suspension, it is imperative that the vehicle be placed in "Alignment Mode" following the SI procedure, if not improper wheel alignment will result.**
- Check/Adjust wheel alignment.
- Using GDS2, perform the "Steering Wheel Position Sensor Centering" procedure as outlined in SI.
- Currently, the Pin Wheel Reset procedure is missing from GDS2. If a pull is still present when super cruise is

engaged, then create a Technical Assist Center (TAC) case. Please attach the before and after wheel alignment print outs, control arm bolt torque ONLY if loosened for adjustment, reference this PI number and the customers complaint with any additional pertinent information. The information will be reviewed, and a Field Engineer may need to be requested to perform the Pin Wheel Reset procedure.

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
8070032	Wheel Alignment Measurement	Use Published Time

Version History

Version	1
Modified	01/23/2024 - Created on.



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