Preliminary Information

PIT6056A Supercruise Inoperative With Current Or History DTC: U1624

Models

Brand:	Model:	Model Years:	VIN: from	VIN: to	Engine:	Transmissions:
Cadillac	CT4	2022 - 2024	SORP	10/14/2024	All	All
Cadillac	CT5	2022 - 2025	SORP	10/14/2024	All	All
Cadillac	Escalade	2021 - 2024	All	All	All	All
Cadillac	Escalade ESV	2021 - 2024	All	All	All	All
Chevrolet	Silverado 1500 New (RPO J22, VIN Digit 12 = A or D)	2022	All	All	All	All
Chevrolet	Silverado 1500	2023 - 2024	SORP	08/09/2024	All	All
Chevrolet	Suburban	2021 - 2024	All	All	All	All
Chevrolet	Tahoe	2021 - 2024	All	All	All	All
GMC	HUMMER EV	2022 - 2023	SORP	04/05/2024	All	All
GMC	HUMMER EV SUV	2024	SORP	04/05/2024	All	All
GMC	Sierra 1500 New (RPO J22, VIN Digit 12 = A or D)	2022	All	All	All	All
GMC	Sierra 1500	2023 - 2024	SORP	08/09/2024	All	All
GMC	Yukon	2021 - 2024	All	All	All	All
GMC	Yukon XL	2021 - 2024	All	All	All	All

Involved Region or Country	**North America**
Additional Options (RPO)	**UKL -Super Cruise**
Condition	**Some customers may comment that their vehicle's Super Cruise is inoperable and DTC U1624 is set current in the K124 Image processing Module. This concern is intermittent and usually happens at times on start up. If the concern is the Super cruise is inoperative all the time then tis does not apply and please follow normal SI diagnostics.**
Cause	**The K124 Image Processing Module has a software anomaly which sets a false DTC against the K73 OnStar/Telematics control module for a loss of ethernet.**

Correction:

Do not replace the K124 Image processing Module or the K73 OnStar/Telematics control module. Please follow procedure below to

1. **Use GDS2 to review codes and see if DTC: U1624 is set current. If code is in history, it is possible this condition occurred and resolved itself on its own. Go to step #6**
   If DTC: U1624 is current, continue to step #2

2. **Confirm that the issue is a false DTC by removing the fuse for the K73 OnStar/Telematics control module (refer to owner's manual or service information to locate fuse location for your model).**

3. **Leave the fuse removed for at least 1 minute to force a reset on the K73 OnStar/Telematics control module.**

4. **Replace the fuse to allow the K73 OnStar/Telematics control module to boot up and the code should move from current to history. With the code in history you should be able to clear the code and super cruise should work again**

5. **If you perform the procedure a couple of times and the DTC remain current, please follow normal SI diagnostics for DTC: U1624.**

6. **If the code is already history, this could be caused by the Onstar/Telematics module self reboot that occurs every 24 hours or if someone disconnected the 12V battery. Please note, this code can come back on its own and then recover itself by the next OnStar/Telematics self bootup (every 24 hours or when battery power is removed).**

   Do not replace K124 Image Processing Module or the K73 OnStar/Telematics control module! New K124 Image processing Module or the K73 OnStar/Telematics control modules have the same potential for this issue.

   Engineering is currently investigating. The PI will be updated or replaced with TSB once a determination has been made.

Parts Information

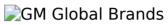**No parts are required for this repair.**

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

Labor Operation	Description	Labor Time
2889798	TCP Module Reset	0.5 Hr.
*This is a unique Labor Operation for Bulletin use only.		

Version History

Version	2
Modified	**09/12/2023 - Created on.** **04/28/2025-Added VIN break points and updated models.**