



Preliminary Information

PIT5973C Dead Battery After Recall N222386380 and / or Unwanted Liftgate Opening

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	Escalade Models	2022 - 2023	All	All	All	All
Chevrolet	Suburban	2022 - 2023	All	All	All	All
Chevrolet	Tahoe	2022 - 2023	All	All	All	All
GMC	Yukon Models	2022 - 2023	All	All	All	All

Involved Region or Country	North America
Additional Options (RPO)	TC2 - Hands Free Liftgate
Condition	<p>Some customers may comment after recall N222386380 (DRL May Not Deactivate) was completed, that they now have an issue with the battery going dead. In addition, they may also have a complaint when they are standing outside the vehicle, near the liftgate with the fob, the power liftgate will open on its own, which is unrelated to when the recall N222386380 was completed.</p> <p>NOTE: If the battery draw is being monitored, when the draw is duplicated, this issue will cause a battery draw well over 10 amps.</p>
Cause	<p>The cause of this concern could be an issue with the K171 Hands Free Liftgate module repeatedly sending a false wake up request to the BCM commanding the liftgate to open, but the power liftgate may or may not actually open, see Important statement below.</p> <p>In addition to that, after the BCM is updated for recall N222386380 , if the BCM is woke up by any LIN device, it is now waking up additional modules, causing a higher amp draw on the battery than it normally would have prior to having the recall completed.</p> <p>This will lead to the battery being discharged at a faster rate.</p> <p>Important: For the power liftgate to actually open all of the following criteria must be met before the power liftgate will actually open from the false hands free request:</p> <ol style="list-style-type: none"> 1. Vehicle must be in park, 2. Power liftgate switch turned on (max or 3/4), 3. Hands free setting in the radio must be turned on (open or open/closed), and 4. The fob is within 1 meter of the liftgate itself. <p>Note: The BCM update for N222386380 is not the root cause of the battery draw, but it is magnifying the draw on the battery if the BCM is inadvertently getting woke up by a LIN device. In this case, the K171 Hands Free Liftgate module is repeatedly waking up the BCM, causing a very high amp draw (10+ amps) on the battery.</p>

Correction:

If the customer has both complaints of a battery going dead after recall [N222386380](#) , and unwanted opening of the power liftgate, then the most likely cause is the K171 Hands Free Liftgate module and it will need to be replaced.

In addition, GM engineering has released new BCM calibrations to reduce the battery draw magnification when the BCM is woke up by a LIN device. This new BCM calibrations was released in a quarterly OTA (over the air) update, but please verify the BCM has the latest cals. If it does not, then reprogram the BCM with the latest cals using TLC/SPS.

NOTE: If the K171 Hands Free Liftgate module is not available, due to a parts backorder, etc., then the F35RA 10amp fuse, for the K171 Hands Free Liftgate module, could be removed, which would allow the customer to drive the vehicle until the part is available.

With the fuse removed, the hands free liftgate feature will not work, but the power liftgate will still function normally.

In addition, if the truck is equipped with Trailer Tire Pressure Monitor system (RPO UET), then that feature will also be lost while the fuse is pulled.

Please review this option with the customer if the K171 Hands Free Liftgate module is not readily available.

Tip: The F35RA fuse can also be pulled/removed for testing to see if the issues go away.

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
2063030	Rear Closure Hands Free Module Replacement	Use Published Time
2810215	Body Control Module Reprogramming with SPS	Use Published Time
*6486208	Remove Fuse F35RA - Use This Unique Labor Operation To Allow The Customer To Drive The Vehicle While Waiting For A Hands Free Module	.2 Hrs.
* This is a unique labor operation for bulletin use only.		

Version History

Version	4
Modified	01/25/2023 - Created on. 01/27/2023 - Update to warranty section 02/23/2023 - Update to warranty section 06/27/2023 - Update to the correction and warranty sections

