



Preliminary Information

PIT5824 Transmitter Fob Battery Low State Of Charge

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Trailblazer	2021	All	All	All	All
Buick	Encore GX	2021	All	All	All	All

Involved Region or Country	US Dealers Only
Additional Options (RPO)	ATH BTM
Condition	All Passive/Active remote fob functions are inoperative. Vehicle only starts with fob in backup pocket, "Key Fob Battery" warning message may be displayed in the Driver's Information Center (DIC).
Cause	Internal fob battery is prematurely discharged.

Correction:

Perform the following Service Information diagnostic procedure

Keyless Entry Transmitter Malfunction

1. Ignition ON.
2. Verify that DTC B3119, B3120, B3121, B3122, B3123, or B3124 is not set.
 - If any of the DTCs are set
 - Refer to [Diagnostic Trouble Code \(DTC\) List - Vehicle](#).
 - If none of the DTCs are set
3. Verify the Tire Pressure Monitoring System is functioning by adding air to one tire to see the air pressure display increase.
 - If the pressure does not increase
 - Refer to [Symptoms - Tire Pressure Monitoring](#)
 - If the pressure increases
4. Verify the VIN information for the vehicle transmitter is correct using the EL-52545.
 - If the VIN is blank
 - Refer to [Remote Control Door Lock and Theft Deterrent Transmitter Programming](#).
 - If the VIN is incorrect
 - This transmitter is not for this vehicle, it may already be programmed to work with a different vehicle but cannot be programmed to this vehicle.
 - If the VIN is correct
5. Verify the frequency of the transmitter matches the frequency of the tire pressure monitoring system and the remote control door lock receiver using the EL-52545.
 - If the transmitter frequency is incorrect
 - Replace the vehicle transmitter.
 - If the transmitter frequency is correct
6. Verify the part number information for the vehicle transmitter is correct using the EL-52545.
 - If the vehicle transmitter part number is incorrect
 - Replace the vehicle transmitter.
 - If the vehicle transmitter part number is correct
7. Verify the transmitter output is above 20% on the EL-52545 signal strength meter by pressing a button on the transmitter ten times.
 - If the transmitter output is lower than 20%
 - The transmitter should be replaced.

Important!

Do Not open the transmitter assembly to access the battery.

The replaced transmitter should be returned for warranty analysis.

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
6430280	Remote Control Door Lock and Theft Deterrent Transmitter Replacement	Use published time

Version History

Version	1
Modified	03/12/2021 - Created on.



© 2021 General Motors. All Rights Reserved.