



Preliminary Information

PIT5822 Battery Discharged or Battery Draw / Discharge After Battery Serviced

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Envision	2021	SOP	All	All	All

Involved Region or Country:	North America, China
Condition:	Discharged battery , battery discharged after vehicle service.
Cause:	Possible TCM did not shut down properly.

If you have a vehicle in for service that requires disconnecting the battery and the battery is disconnected before the vehicle has properly gone to sleep it is possible to put the TCM in a state where it will not power mode correctly. The result of this is a 400 mA draw that is constant. After service or if the vehicle has now returned with a discharged battery it will necessary to verify using GDS that this condition is not present before releasing the vehicle to the customer.

Correction:

Open GDS and select Module Diagnostics > K71 Transmission control Module > Data display > Transmission Data . Scroll to the bottom of the list and view "Control Module Wake Up Source". If the value for this parameter is "Battery Reconnect Detected" it will be necessary to reset the K71 Transmission Control Module. If this parameter does not read "Battery Reconnect Detected" proceed with regular battery drain diagnostics.

Back up in GDS to Module Diagnostics then select K71 Transmission Control Module > Configuration And Reset Functions > Transmission Module Reset and follow the on screen instructions.

Verify in the Data Display that the Control Module Wake Up Source no longer reads Battery Reconnect Detected. It may be necessary to perform the reset procedure more than once for the parameter to change.

Once verified the reset has occurred, perform an SPS reprogram of the K71 Transmission Control Module.

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
Use Published Labor Operation	Reprogram TCM	Use Published Labor Time

Version History

Version	
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