



Service Bulletin

Bulletin No.: 19-NA-151

Date: October, 2023

TECHNICAL

Subject: Malfunction Indicator Lamp (MIL) Illuminated - DTCs U0101, U102, U0129, U0140 and/or U18A2 Set

The bulletin replaces PIT5664A. Please discard PIT5664A.

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 1500 (New Model)	2019	2019	SOP	1GTU9BED4KZ287517 (Fort Wayne Assembly)	L84, L87	
GMC	Sierra 1500 (New Model)				3GTU9DED4KG159404 (Silao Assembly)		

Involved Region or Country	North America
Additional Options (RPOs)	KL9 (Auto Start/Stop)
Condition	Some dealers may notice the MIL illuminated. ⇒ When checking for DTC's, only the ECM will have set loss of communication codes: U0101, U102, U0129, U0140, and/or U18A2. There will be no other loss of communication related symptoms.
Cause	This condition may be caused by stock units that have been sitting on the lot with a battery that has not been properly maintained.
Correction	Important: As part of a properly maintained inventory vehicle, the battery should be checked every 30 days using the DCBS Tool (EL-50313) in the PDI mode, per bulletin 21-NA-043: Properly Maintaining Vehicles in Dealer Inventory. If vehicle was built before the VIN breakpoint noted above, it will be necessary to charge the battery using the DCBS and reprogram the ECM with updated calibration available in Tis2Web. ⇒ If the ECM has already been reprogrammed for this concern, then follow service information for the applicable DTC.

Service Procedure

Important: Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. Install the EL-49642 SPS Programming Support Tool (GM Dealer Equipment Item #PSC-550) to maintain system voltage. If not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage supply. DO NOT connect a battery charger.

Refer to K20 Engine Control Module: Programming and Setup in SI.

Parts Information

No parts are required for this repair.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
2810075	Engine Control Module Reprogramming with SPS	Use the Published Labor Operations Time
<p>To avoid warranty transaction rejections, carefully read and follow the instructions below:</p> <ul style="list-style-type: none"> The VIN and the job card number on the transaction must match the VIN and job card number associated with the reprogramming event in the SPS system. The SPS Warranty Claim Code must be accurately entered in the "SPS Warranty Claim Code" field of the transaction. When more than one Warranty Claim Code is generated for a programming event, it is required to document all Warranty Claim Codes in the "Correction" field on the job card. Dealers must also enter one of the codes in the "SPS Warranty Claim Code" field of the transaction, otherwise the transaction will reject. It is best practice to enter the FINAL code provided by SPS. 		

Warranty Claim Code Information Retrieval

If the SPS Warranty Claim Code was not recorded on the Job Card, the code can be retrieved in the SPS system as follows:

1. Open TIS on the computer used to program the vehicle.
2. Select and start SPS.
3. Select Settings.
4. Select the Warranty Claim Code tab.

The VIN, Warranty Claim Code and Date/Time will be listed on a roster of recent programming events. If the code is retrievable, dealers should resubmit the transaction making sure to include the code in the SPS Warranty Claim Code field.

Version	2
Modified	Released July 10, 2019 Revised October 12, 2023 – Changed Bulletin 09-00-89-002 to 21-NA-043.

