



# Service Bulletin

Bulletin No.: 20-NA-066

Date: December, 2023

## TECHNICAL

**Subject: Malfunction Indicator Lamp Illuminated with One or More Glow Plug Control DTCs Set**

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado 1500	2020	2020	-	-	LM2	-
GMC	Sierra 1500						

Involved Region or Country	North America
Condition	<p>Some customers may comment that the MIL is illuminated. Some technicians may find one or more of the following DTCs set in the Glow Plug Control Module (GPCM):</p> <ul style="list-style-type: none"> <li>• P066A: Cylinder 1 Glow Plug Control Circuit Low Voltage</li> <li>• P066B: Cylinder 1 Glow Plug Control Circuit High Voltage</li> <li>• P066C: Cylinder 1 Glow Plug Control Circuit Low Voltage</li> <li>• P066D: Cylinder 1 Glow Plug Control Circuit High Voltage</li> <li>• P066E: Cylinder 1 Glow Plug Control Circuit Low Voltage</li> <li>• P066F: Cylinder 1 Glow Plug Control Circuit High Voltage</li> <li>• P0671: Cylinder 1 Glow Plug Control Circuit</li> <li>• P0672: Cylinder 2 Glow Plug Control Circuit</li> <li>• P0673: Cylinder 3 Glow Plug Control Circuit</li> <li>• P0674: Cylinder 4 Glow Plug Control Circuit</li> <li>• P0675: Cylinder 5 Glow Plug Control Circuit</li> <li>• P0676: Cylinder 6 Glow Plug Control Circuit</li> <li>• P067A: Cylinder 4 Glow Plug Control Circuit Low Voltage</li> <li>• P067B: Cylinder 4 Glow Plug Control Circuit High Voltage</li> <li>• P067C: Cylinder 5 Glow Plug Control Circuit Low Voltage</li> <li>• P067D: Cylinder 5 Glow Plug Control Circuit High Voltage</li> <li>• P067E: Cylinder 6 Glow Plug Control Circuit Low Voltage</li> <li>• P067F: Cylinder 6 Glow Plug Control Circuit High Voltage</li> <li>• P06C5: Cylinder 1 Glow Plug Incorrect</li> <li>• P06C6: Cylinder 2 Glow Plug Incorrect</li> <li>• P06C7: Cylinder 3 Glow Plug Incorrect</li> <li>• P06C8: Cylinder 4 Glow Plug Incorrect</li> <li>• P06C9: Cylinder 5 Glow Plug Incorrect</li> <li>• P06CA: Cylinder 6 Glow Plug Incorrect</li> <li>• P1337: Glow Plug Offset Not Learned</li> <li>• P1338: Cylinder 1 Glow Plug Offset Exceeded Learning Limit</li> <li>• P1339: Cylinder 2 Glow Plug Offset Exceeded Learning Limit</li> <li>• P133A: Cylinder 3 Glow Plug Offset Exceeded Learning Limit</li> <li>• P133B: Cylinder 4 Glow Plug Offset Exceeded Learning Limit</li> <li>• P133C: Cylinder 5 Glow Plug Offset Exceeded Learning Limit</li> <li>• P133D: Cylinder 6 Glow Plug Offset Exceeded Learning Limit</li> </ul>

<b>Cause</b>	This condition may be caused by a software anomaly
<b>Correction</b>	If you encounter a vehicle with any of the above conditions, reprogram the GPCM with the latest available software.

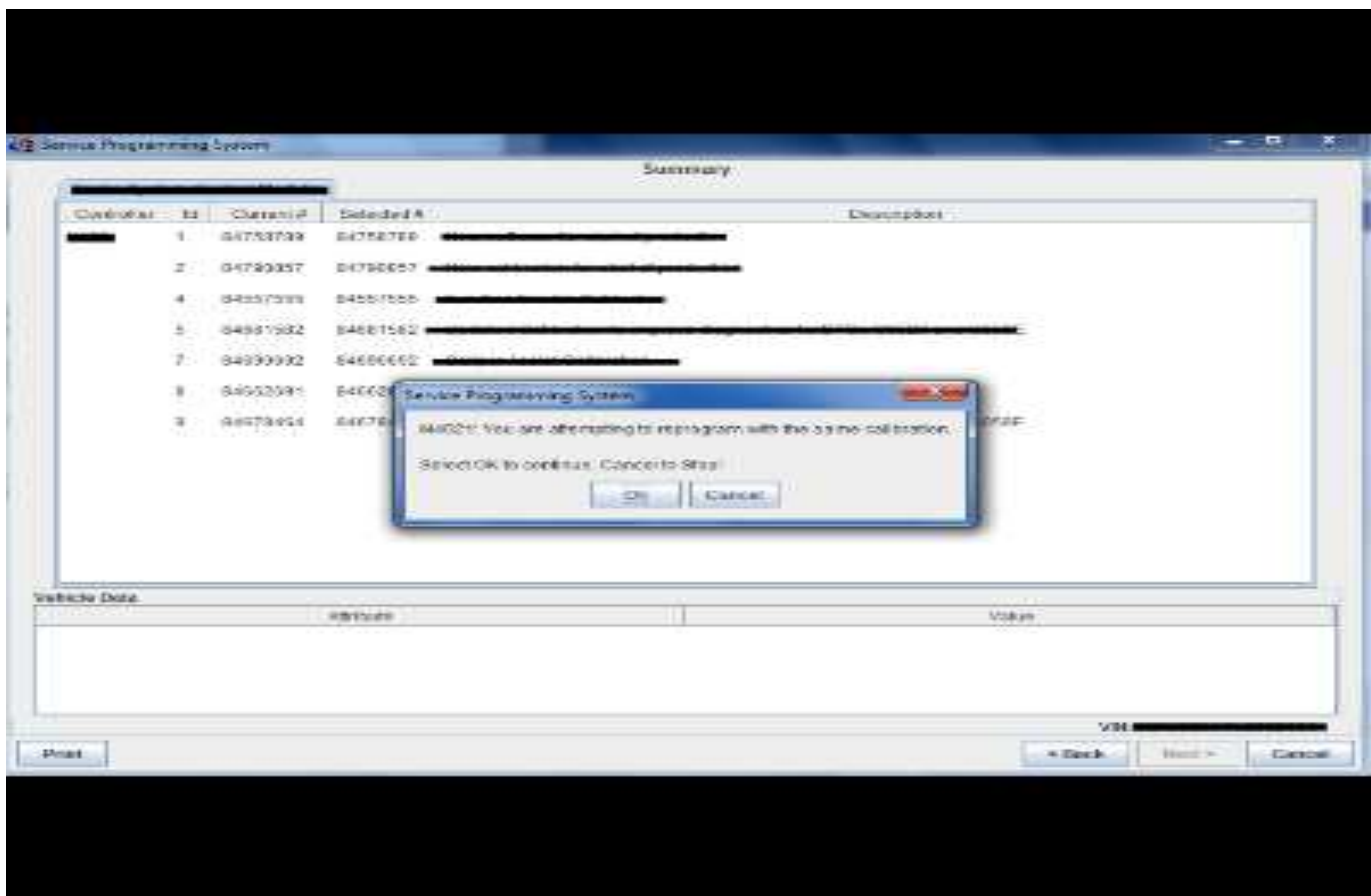
**Important:** Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

## Service Procedure

**Caution:** Before downloading the update files, be sure the computer is connected to the internet through a network cable (hardwired). DO NOT DOWNLOAD or install the files wirelessly. If there is an interruption during programming, programming failure or control module damage may occur.

**Important:** Carefully read and follow the instructions below.

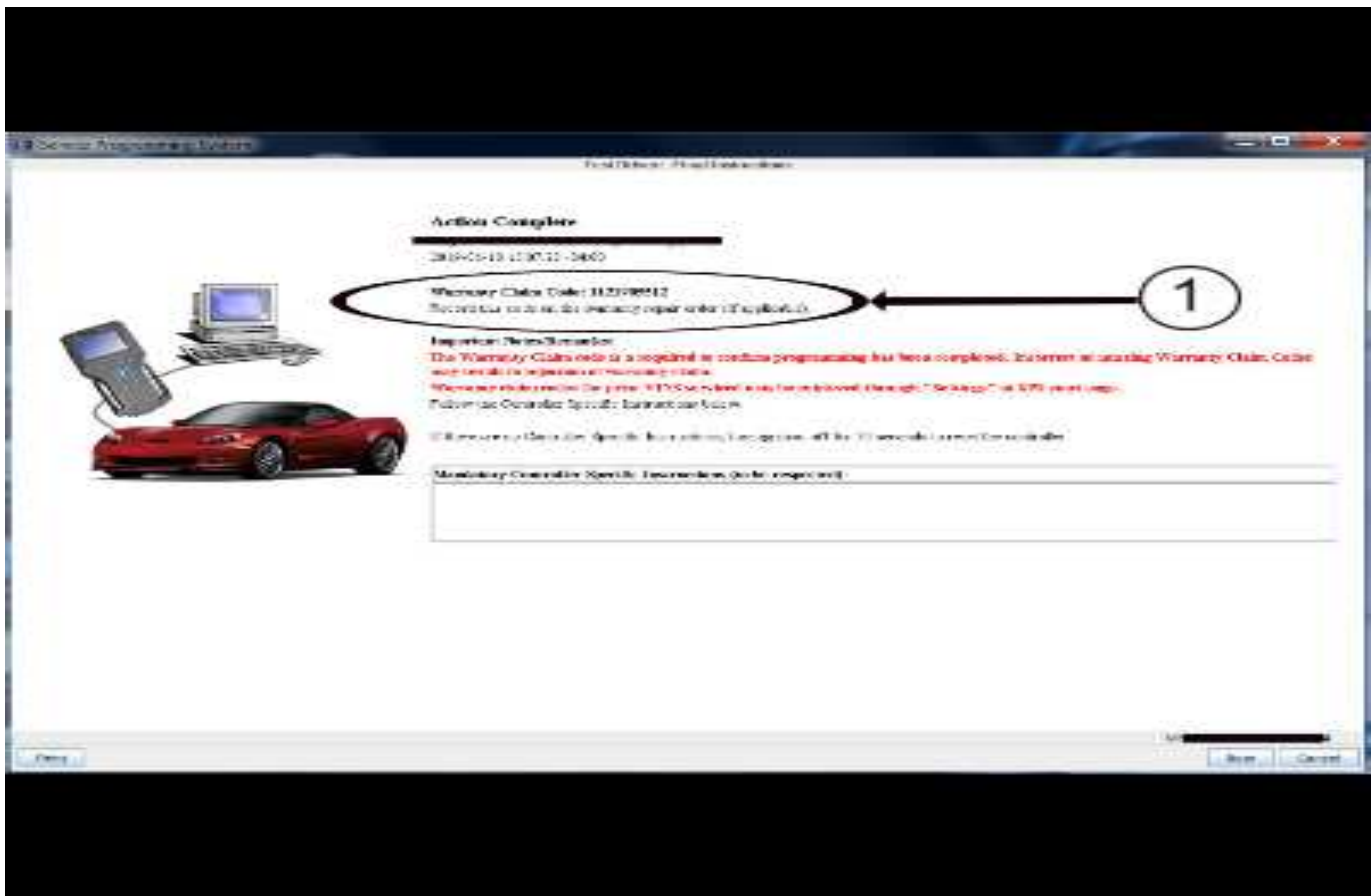
- Ensure the programming tool is equipped with the latest software and is securely connected to the data link connector. If there is an interruption during programming, programming failure or control module damage may occur.
- Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. Install a GM Authorized Programming Support Tool to maintain system voltage. Refer to [www.gmdesolutions.com](http://www.gmdesolutions.com) for further information. 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.
- Turn OFF or disable systems that may put a load on the vehicles battery such as; interior lights, exterior lights (including daytime running lights), HVAC, radio, etc.
- Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicators to NO.



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**Important:** If the Same Calibration/Software Warning is noted on the SPS screen, select OK and follow screen instructions. After a successful programming event, the WCC is located in the Service Programming System dialogue box of the SPS Summary screen. No further action is required. Refer to the Warranty section of the bulletin.

1. Reprogram the GPCM. Refer to *K34 Glow Plug Control Module: Programming and Setup* in SI. Modify as required (e.g., select x module from the controller screen. Then provide step-by-step instructions or refer to SI procedure.



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**Important:** To avoid warranty transaction rejections, you **MUST** record the warranty claim code provided on the SPS Warranty Claim Code (WCC) screen on the job card. Refer to callout 1 above for the location of the WCC on the SPS screen

2. Record SPS Warranty Claim Code on job card for warranty transaction submission.

### Parts Information

No parts are required for this repair.

## Warranty Information

For vehicles repaired under the Emission coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

**Note:** Warranty Coverage Codes E, E2 apply to Labor Operation 2886728.

Labor Operation	Description	Labor Time
2886728*	Glow Plug Control Module Reprogramming with SPS for Glow Plug Control DTCs Set	0.4 hr

\*This is a unique Labor Operation for Bulletin use only.

**Important:** \*\*To avoid warranty transaction rejections, carefully read and follow the instructions below:

- 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 March 27, 2020 Revised December 06, 2023 - Added E2 to Warranty Information.

