



Service Bulletin

Bulletin No.: 20-NA-176

Date: September, 2020

TECHNICAL

Subject: Malfunction Indicator Lamp (MIL) Illuminated - DTCs P1338, P1339, P133A, P133B, P133C, P133D, P133E, P133F, P066A, P066B, P066C, P066D, P066E, P066F, P0671, P0672, P0673, P0674, P0675, P0676, P0677, P0678, P067A, P067B, P067C, P067D, P067E and/or P067F Set

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Silverado	2017	2018	-	-	L5D, L5P	-
	Silverado 2500HD/ 3500HD	2017	2019				
	Silverado 4500HD/ 5500HD/6500HD	2019	2020				
GMC	Sierra	2017	2018	-	-	L5D, L5P	-
	Sierra 2500HD/ 3500HD	2017	2019				

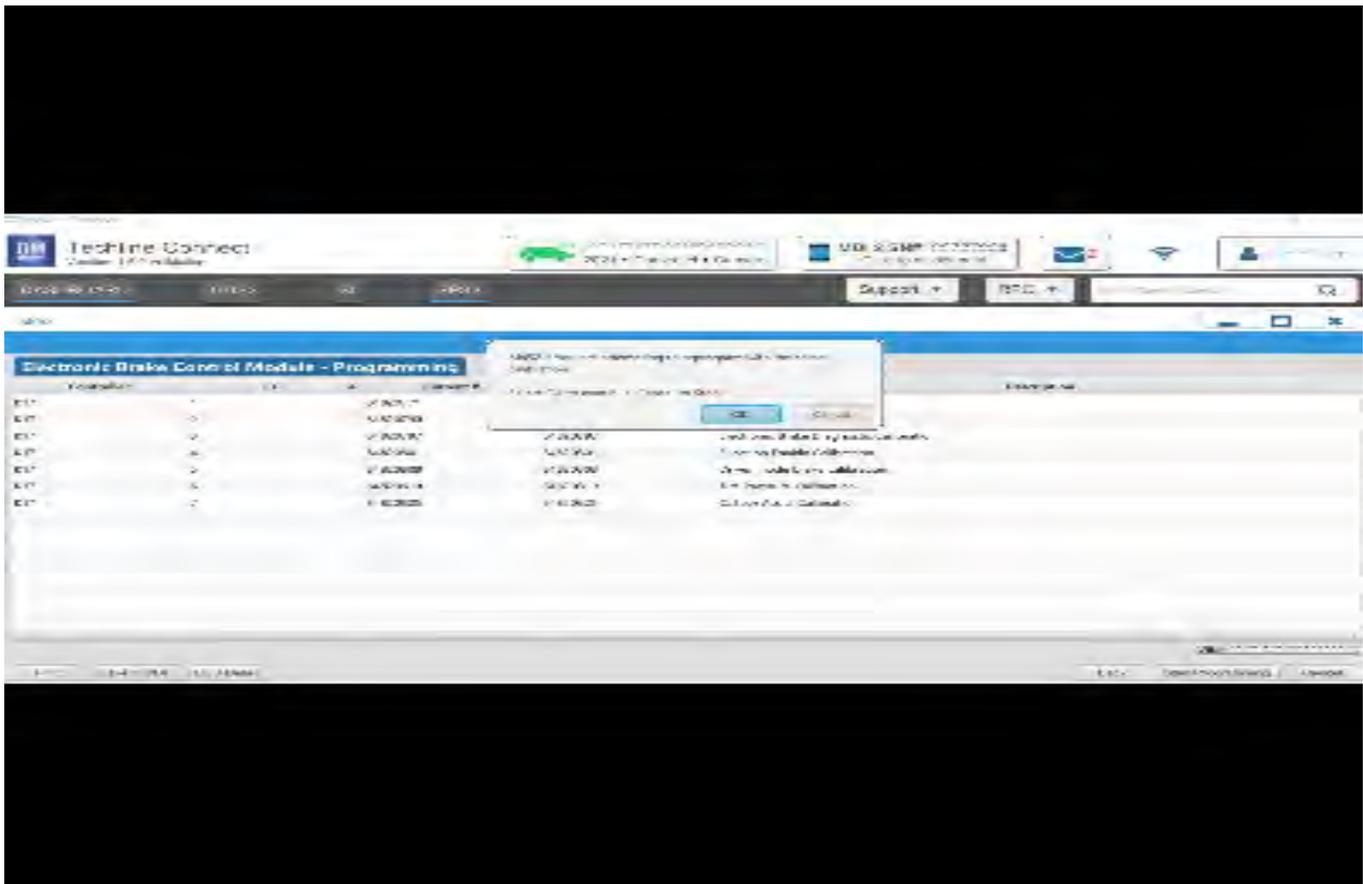
Involved Region or Country	United States, Canada, Middle East, Palestine and Israel
Condition	<p>Some customers may comment that the MIL is illuminated. Some technicians may find one or more of the following DTCs set in the Engine Control Module (ECM):</p> <ul style="list-style-type: none"> • DTC P066A: Cylinder 1 Glow Plug Control Circuit Low Voltage • DTC P066B: Cylinder 1 Glow Plug Control Circuit High Voltage • DTC P066C: Cylinder 2 Glow Plug Control Circuit Low Voltage • DTC P066D: Cylinder 2 Glow Plug Control Circuit High Voltage • DTC P066E: Cylinder 3 Glow Plug Control Circuit Low Voltage • DTC P066F: Cylinder 3 Glow Plug Control Circuit High Voltage • DTC P0671: Cylinder 1 Glow Plug Control Circuit • DTC P0672: Cylinder 2 Glow Plug Control Circuit • DTC P0673: Cylinder 3 Glow Plug Control Circuit • DTC P0674: Cylinder 4 Glow Plug Control Circuit • DTC P0675: Cylinder 5 Glow Plug Control Circuit • DTC P0676: Cylinder 6 Glow Plug Control Circuit • DTC P0677: Cylinder 7 Glow Plug Control Circuit • DTC P0678: Cylinder 8 Glow Plug Control Circuit • DTC P1338: Cylinder 1 Glow Plug Offset Exceeded Learning Limit • DTC P1339: Cylinder 2 Glow Plug Offset Exceeded Learning Limit • DTC P133A: Cylinder 3 Glow Plug Offset Exceeded Learning Limit • DTC P133B: Cylinder 4 Glow Plug Offset Exceeded Learning Limit • DTC P133C: Cylinder 5 Glow Plug Offset Exceeded Learning Limit • DTC P133D: Cylinder 6 Glow Plug Offset Exceeded Learning Limit • DTC P133E: Cylinder 7 Glow Plug Offset Exceeded Learning Limit • DTC P133F: Cylinder 8 Glow Plug Offset Exceeded Learning Limit
Cause	The cause of the condition may be a software anomaly.
Correction	Reprogram the Glow Plug Control Module (GPCM) with the latest available software.

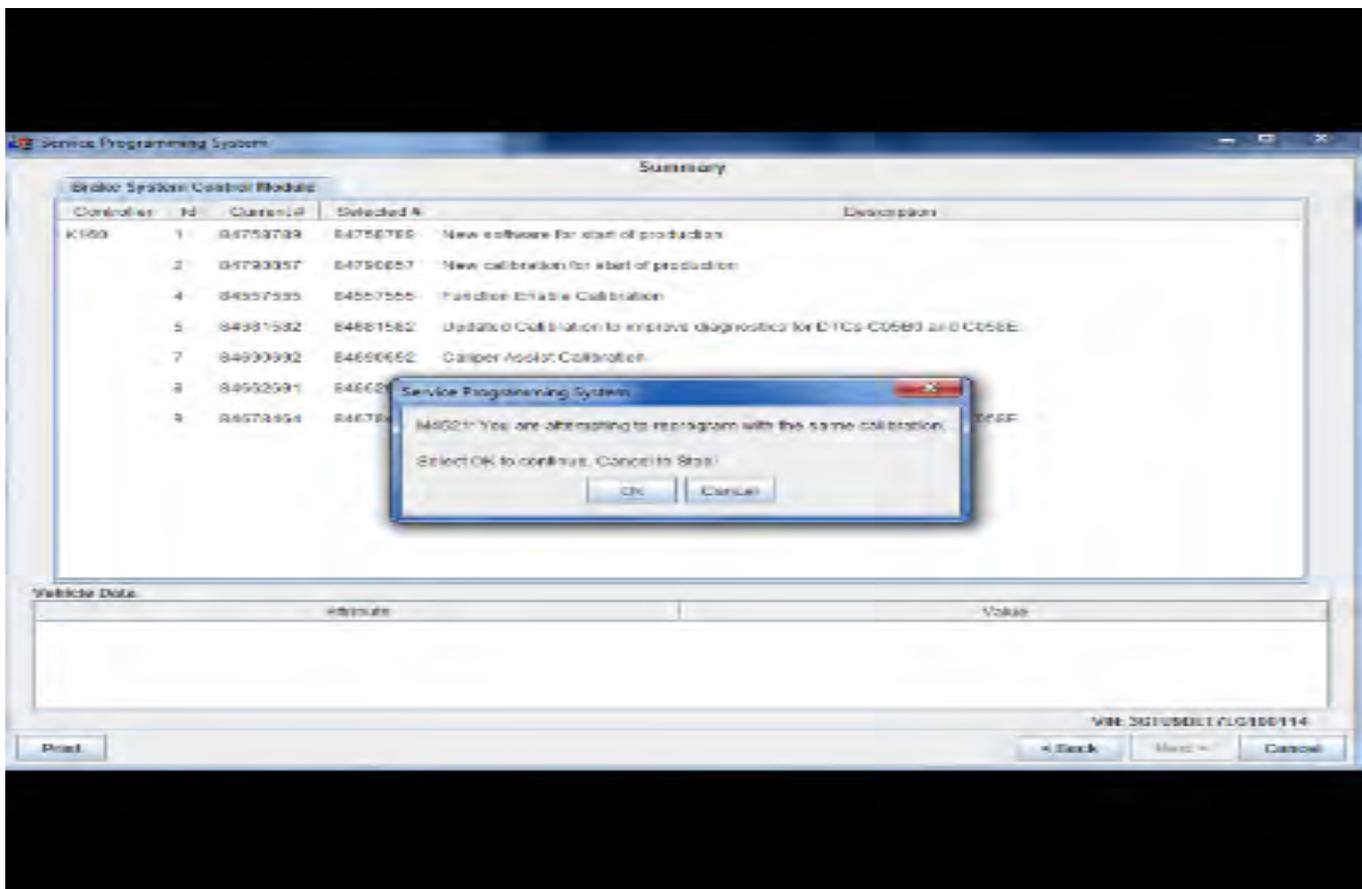
Service Procedure

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.

Note: 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 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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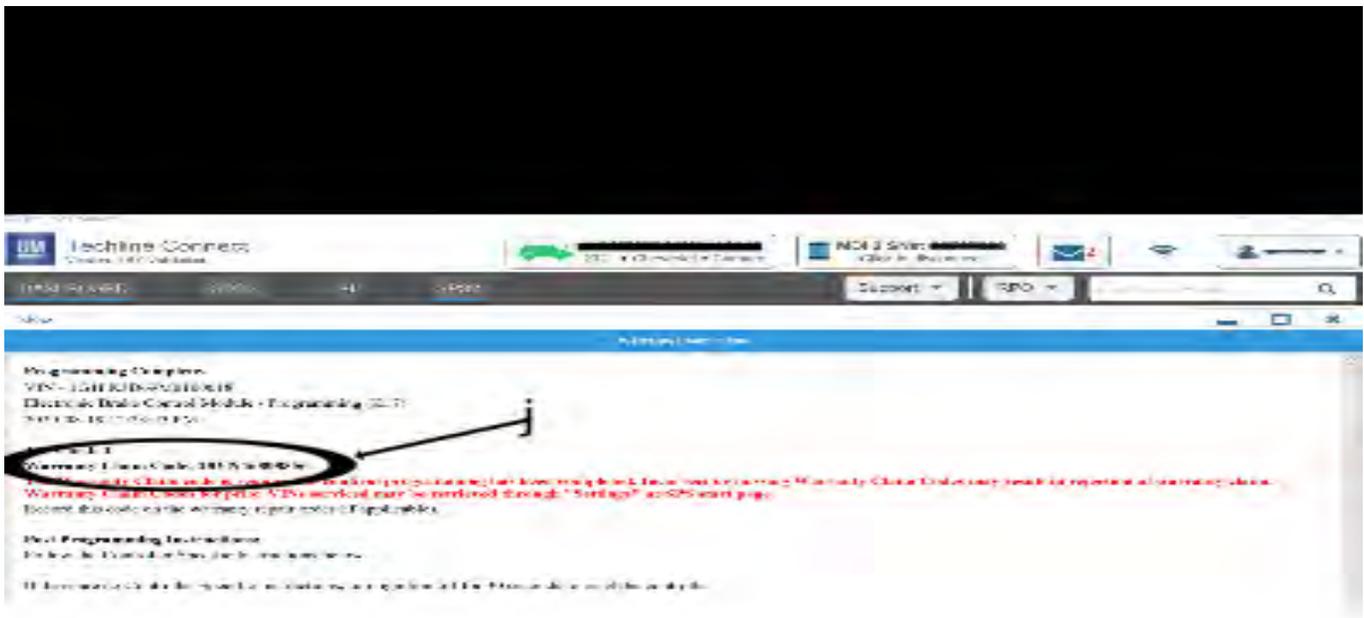
Important: Techline Connect and TIS2WEB screens shown above.

Important: If the Same Calibration/Software Warning is noted on the TLC or SPS Summary 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.

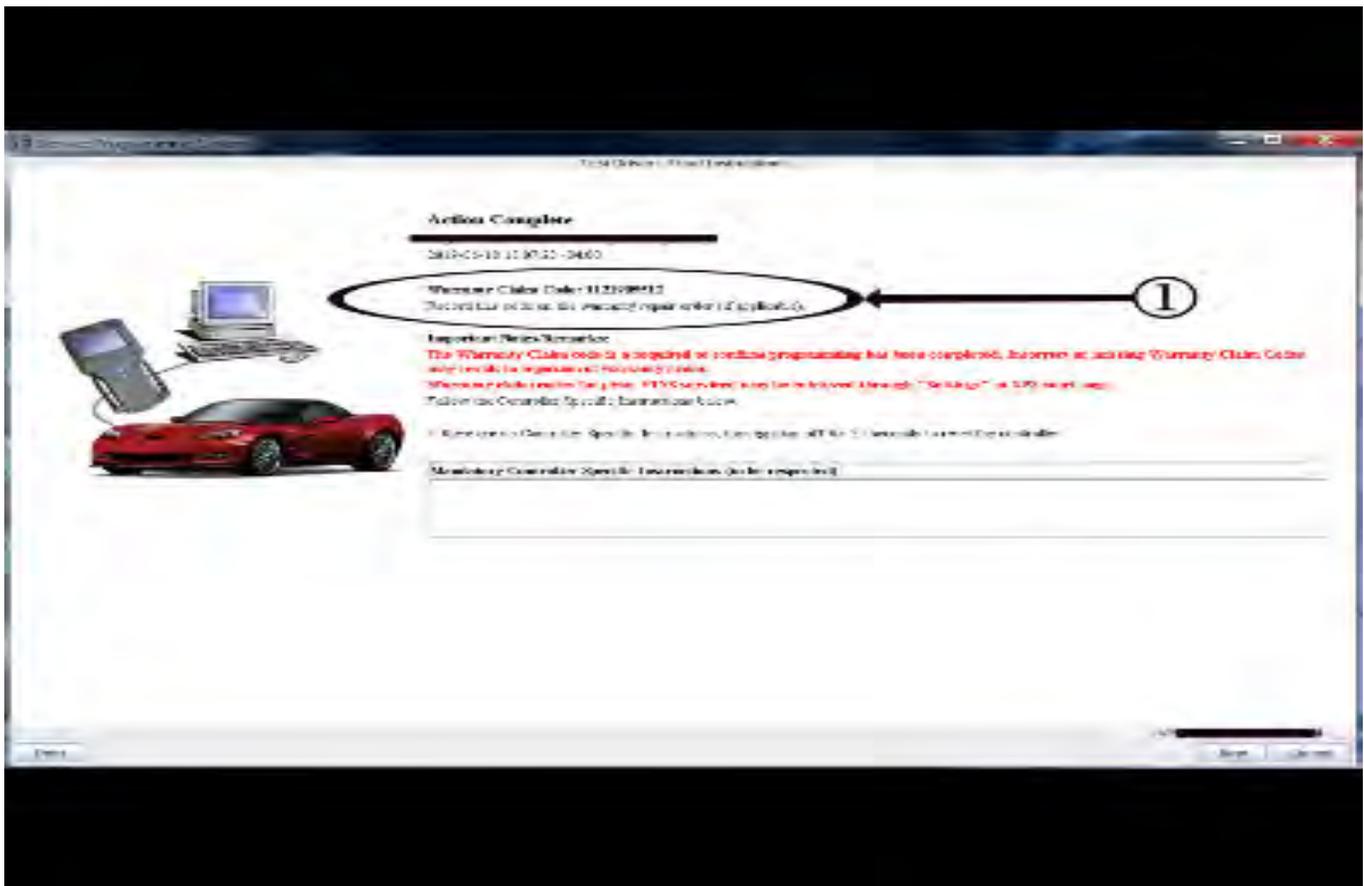
Important: When programming a module in GM's new Vehicle Intelligence Platform, or VIP, the power mode (ignition) needs to be off or errors may occur. This involves the 2020 Chevrolet Corvette, Cadillac CT5 and CT4, as well as the upcoming full-size Chevrolet, GMC,

Cadillac SUVs and Buick Envision. Serial Data Message Authentication also needs to have the ignition off.

1. Reprogram the Glow Plug Control Module. Refer to *K34 Glow Plug Control Module: Programming and Setup* in SI.



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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 shown above on the job card. Refer to callout 1 above for the location of the WCC on the SPS screen

- 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 warranty, use:

Labor Operation	Description	Labor Time
*2810055	Glow Plug Control Module Reprogramming with SPS	Use Published Labor Operation Time
<p>Important: *To avoid warranty transaction rejections, carefully read and follow the instructions below:</p> <ul style="list-style-type: none"> 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:

- Open TIS on the computer used to program the vehicle.
- Select and start SPS.
- Select Settings.
- 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	1
Modified	Released September 03, 2020

