

GLOBAL SAFETY FIELD INVESTIGATIONS  
DCS5809  
URGENT - DISTRIBUTE IMMEDIATELY

Date: June 1, 2021

Subject: N212336570 - Service Update  
Vehicle May Falsely Set Fuel Injector Diagnostic Trouble Codes  
P026C and/or P20EE (Unsold Only)

Models: 2021 Chevrolet Silverado HD  
2021 GMC Sierra HD  
Equipped with Duramax 6.6L Turbo-Diesel (RPO L5P)

To: All General Motors Dealers

General Motors is releasing Service Update N212336570 today. The total number of U.S. vehicles involved is approximately 9,885. Please see the attached bulletin for details.

**Global Warranty Management (GWM)**

The Required Field Action section on the Investigate Vehicle History (IVH) screen will be updated June 2, 2021 or sooner. A list of involved vehicles in dealer new inventory is attached to this message. Please hold all warranty transactions until IVH has been updated.

END OF MESSAGE  
GLOBAL SAFETY FIELD INVESTIGATIONS

# Service Update

## N212336570 Vehicle May Falsely Set Fuel Injector Diagnostic Trouble Codes P026C and/or P20EE (Unsold Only)



Release Date: May 2021

Revision: 00

**Attention:** This service update involves vehicles in dealer inventory only and will expire May 31, 2022.

Make	Model	Model Year		RPO	Description
		From	To		
Chevrolet	Silverado HD	2021	2021	L5P	Duramax 6.6L Turbo-Diesel
GMC	Sierra HD				

This service update should be performed on vehicles in dealer inventory only. Involved vehicles are marked “open” on the Investigate Vehicle History screen in GM Global Warranty Management system. This site should always be checked to confirm vehicle involvement prior to beginning any required inspections and/or repairs.

<b>Condition</b>	Certain 2021 model year Chevrolet Silverado HD and GMC Sierra HD trucks may falsely set fuel injector diagnostic trouble codes P026C and/or P20EE.
<b>Correction</b>	Dealers will reprogram the engine control module (ECM).

### Parts

No parts are required for this repair.

### Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9105680	Verified Module Software or Calibration Level: Module Is Programmed with Same Level Software or Calibration	0.2	ZFAT	N/A
9105681	Engine Control Module Reprogramming with SPS	0.3		

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

- The Warranty Claim Code must be accurately entered in the “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 “Warranty Claim Code field of the transaction, otherwise the transaction will reject. It is best practice to enter the FINAL code provided by SPS/SPS2.

### Warranty Claim Code Information Retrieval

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

1. Open TIS/TLC on the computer used to program the vehicle.
2. Select and start SPS/SPS2.
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.

### 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](http://www.gmdesolutions.com) for further information. If not available, connect a fully charged 12V jumper or booster pack disconnected from the AC voltage supply. DO NOT connect a battery charger.

# Service Update

## N212336570 Vehicle May Falsely Set Fuel Injector Diagnostic Trouble Codes P026C and/or P20EE (Unsold Only)



- Follow the on-screen prompts regarding ignition power mode, but ensure that anything that drains excessive power (exterior lights, HVAC blower motor, etc) is off.
- Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicators to NO.

**Caution:** Be sure the VIN selected in the drop down menu (1) is the same as the vehicle connected (2) before beginning programming.

Techline Connect  
Version: 1.8.0.2 Production

1GNSKGM1Y5E100150  
2021 • Chevrolet • Suburban - 4WD

Connect Vehicle

DASHBOARD GDS2 SI SPS2 Support RPO Search Service Manu

SPS2

Welcome to Service Programming System 2

VIN: 1GNSKGM1Y5E100150

Model: Suburban - 4WD  
Type: -  
Make: Chevrolet  
Year: 2021  
Job Card:

Diagnostic Tool Ready!  
J2534

Selected Programming Process: Reprogram

Auto Detect New Vehicle Manually Enter Vehicle Auto Detect Tool

Java Version: 1.8.0\_92 SPS2 Version: 2.8.5.5060 Windows Version: Windows 10

Print Settings

5743643

Techline Connect  
Version: 1.8.0 Validation

MDI 2 SN# [redacted]  
Click to disconnect

DASHBOARD GDS2 SI SPS2 Support RPO Search Service Manuals

SPS2

Programming

Controller	ID	Current #	Description
K17	1	84820771	
K17	2	84820790	
K17	3	84820797	84820797
K17	4	84820801	84820801
K17	5	84820808	84820808
K17	6	84820819	84820819
K17	7	84820825	84820825

M4521: You are attempting to reprogram with the same calibration.  
Select OK to continue, Cancel to Stop!

OK Cancel

Print Save to PDF ECU Data Back Start Programming Cancel

5644477

## Service Update

### N212336570 Vehicle May Falsely Set Fuel Injector Diagnostic Trouble Codes P026C and/or P20EE (Unsold Only)



The screenshot shows the Service Programming System (SPS) Summary screen. A table lists various controllers with their IDs, current and selected numbers, and descriptions. A dialog box is overlaid on the screen, displaying an error message: "M4521: You are attempting to reprogram with the same calibration. Select OK to continue, Cancel to Stop!". The dialog box has "OK" and "Cancel" buttons. Below the table is a "Vehicle Data" section with columns for "Attribute" and "Value". At the bottom right, there is a "VIN:" field and navigation buttons: "Print", "< Back", "Next >", and "Cancel".

Controller	Id	Current #	Selected #	Description
[REDACTED]	1	84758789	84758789	[REDACTED]
[REDACTED]	2	84790857	84790857	[REDACTED]
[REDACTED]	4	84557555	84557555	[REDACTED]
[REDACTED]	5	84681582	84681582	[REDACTED]
[REDACTED]	7	84690692	84690692	[REDACTED]
[REDACTED]	8	84662691	84662691	[REDACTED]
[REDACTED]	9	84678464	84678464	[REDACTED]

5431207

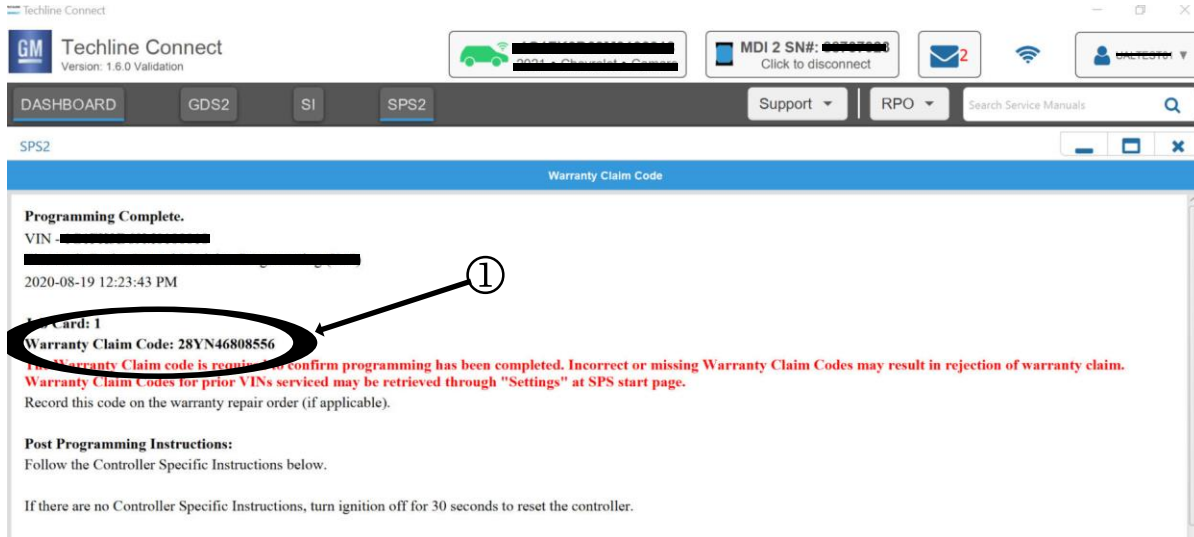
**Important:** Techline Connect and TIS2WEB screens shown above.

**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.

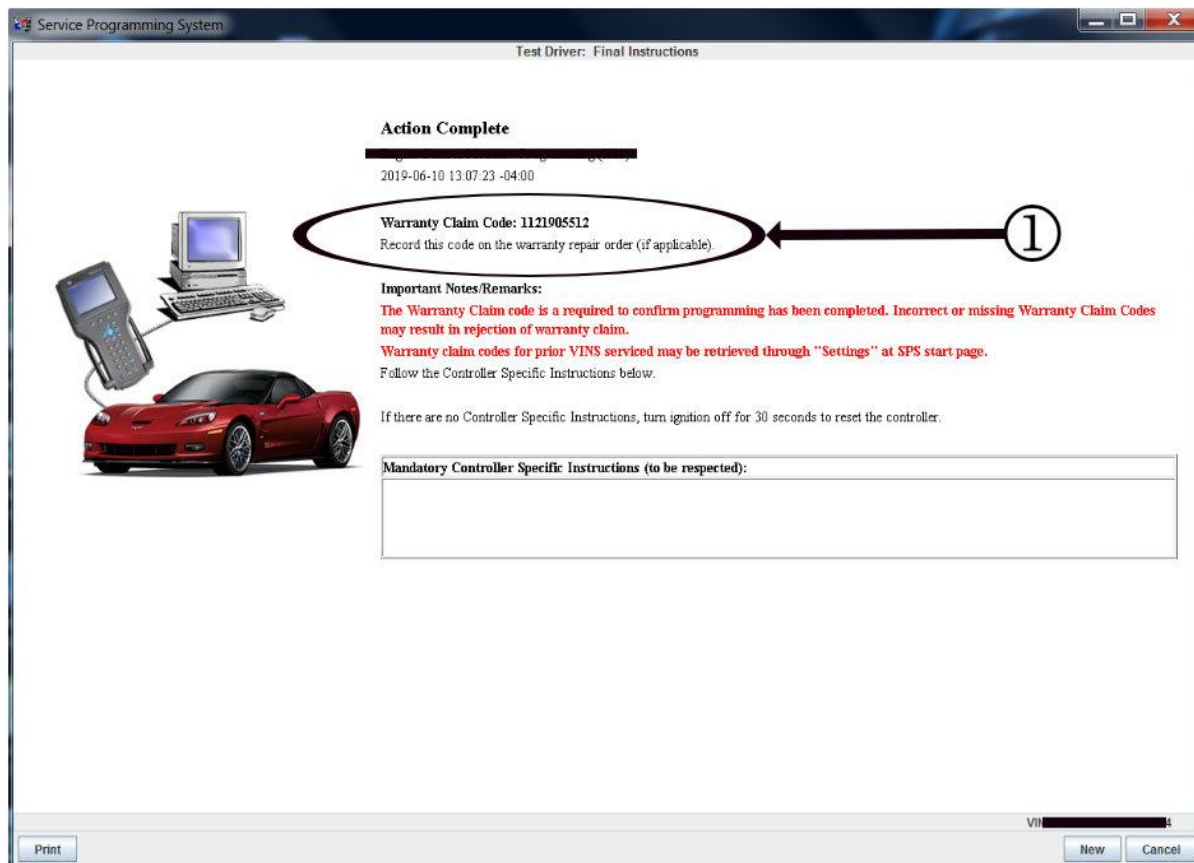
1. Reprogram the Engine Control Module. Refer to *K20 Engine Control Module: Programming and Setup* in SI.
  - Crank Angle Sensor Learn portion of the setup can be skipped, since the ECM is only being reprogrammed, not replaced.

# Service Update

## N212336570 Vehicle May Falsely Set Fuel Injector Diagnostic Trouble Codes P026C and/or P20EE (Unsold Only)



5644478



5431209

**Note:** The screenshots above are an example of module programming and may not be indicative of the specific module that is being programmed. Module selection and VIN information have been blacked out.

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

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

### Dealer Responsibility

## Service Update

### N212336570 Vehicle May Falsely Set Fuel Injector Diagnostic Trouble Codes P026C and/or P20EE (Unsold Only)



Dealers must take the steps necessary to ensure that the service update correction has been made to all involved vehicles in dealer inventory before selling or dealer-trading the vehicle, but no later than May 31, 2022.

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this bulletin must be held and inspected/repaired per the service procedure of this bulletin before customers take possession of these vehicles. Involved vehicles must be held and not delivered to customers, dealer-traded, released to auction, used for demonstration, or any other purpose.

All GM Certified Used vehicles currently in the dealers' inventory within the Certified Pre-Owned Inventory System (CPOIS) will be de-certified and must be held and remedied per the service procedure in this bulletin. Upon submitting an accepted/paid warranty transaction in the Global Warranty Management (GWM) system, the vehicle can be re-certified for sale within the CPOIS system, or once again be used in the CTP program.

#### Dealer Reports

The Inventory tab of the Open Vehicle Report will contain Service Update Bulletin VINs that apply to this field action. This information is intended to assist dealers with the **PROMPT COMPLETION** of these vehicles. The Customer In-Service tab will not contain Service Update Bulletin VIN data because the intent of a Service Update Bulletin is to not inconvenience a customer with a special trip for service. Service Update Bulletins are to be completed when the customer is in for a regularly scheduled visit.

---

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the tools, equipment, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your dealer for information on whether your vehicle may benefit from the information.



**We Support  
Voluntary Technician  
Certification**