

GLOBAL SAFETY FIELD INVESTIGATIONS  
DCS5737  
URGENT - DISTRIBUTE IMMEDIATELY

Date: March 30, 2021

Subject: N202325461 - Service Update  
Automated Driving Mapping Module Software Update

Models: 2021 Cadillac Escalade

To: All General Motors Dealers

General Motors is releasing Service Update N202325461 today. The total number of U.S. vehicles involved is approximately 24. 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 March 31, 2021 or sooner. A list of involved vehicles in dealer new inventory is attached to this message. Please hold all warranty transactions until March 31, 2021.

END OF MESSAGE

GLOBAL SAFETY FIELD INVESTIGATIONS

# Service Update

## N202325461 Automated Driving Mapping Module Software Update



Release Date: March 2021

Revision: 00

**Attention:** This service update includes vehicles in dealer inventory and customer vehicles that return to the dealership for any reason. This bulletin will expire at the end of the involved vehicle's New Vehicle Limited Warranty period.

Involved vehicles will be repaired either through dealer repairs as described in this bulletin or through over the air (OTA) programming. Dealers can and should perform the procedure in this bulletin on any vehicle with an "open" status on the Investigate Vehicle History (IVH) screen in GM Global Warranty Management system. Due to the fact that vehicles will be closed in IVH through successful OTA programming, dealers should always check the status in IVH before performing any vehicle repairs.

Make	Model	Model Year		RPO	Description
		From	To		
Cadillac	Escalade	2021	2021		

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>	On certain 2021 model year Cadillac Escalade vehicles, customers may notice that a new Super Cruise map cannot get loaded onto the vehicle and their vehicle's Super Cruise system could become inoperable, with the Image Processing Module setting a U1626.00 Active DTC during this condition. There is also a condition that could cause the U3000.47 DTC to be set in history.
<b>Correction</b>	Dealers are to reprogram the Automated Driving Mapping Module (AMM).

### Parts

No parts are required for this repair.

### Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9105406	Automated Driving Mapping Module Reprogramming	0.3	ZFAT	N/A
9105407	Verified Module Software or Calibration Level: Automated Driving Mapping Module Is Programmed with Same Level Software or Calibration	0.2		

### 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.
- Ensure the ignition is turned OFF, load on the vehicle's battery such as; interior lights, exterior lights (including daytime running lights), HVAC, etc. may affect the download process.
- Please verify that the radio time and date are set correctly before inserting USB drive into vehicle for programming, otherwise an error will result.
- 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.

# Service Update

## N202325461 Automated Driving Mapping Module Software Update



Techline Connect

GM Techline Connect  
Version: 1.8.0.2 Production

1GNSKGM... 2021 • Chevrolet • Suburban - 4WD

Connect Vehicle

DASHBOARD GDS2 SI SPS2 Support RPO Search Service Manuals

SPS2

Welcome to Service Programming System 2

VIN: 1GNSKGM...  
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

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Techline Connect

GM Techline Connect  
Version: 1.6.0 Validation

MDI 2 SN# ... 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

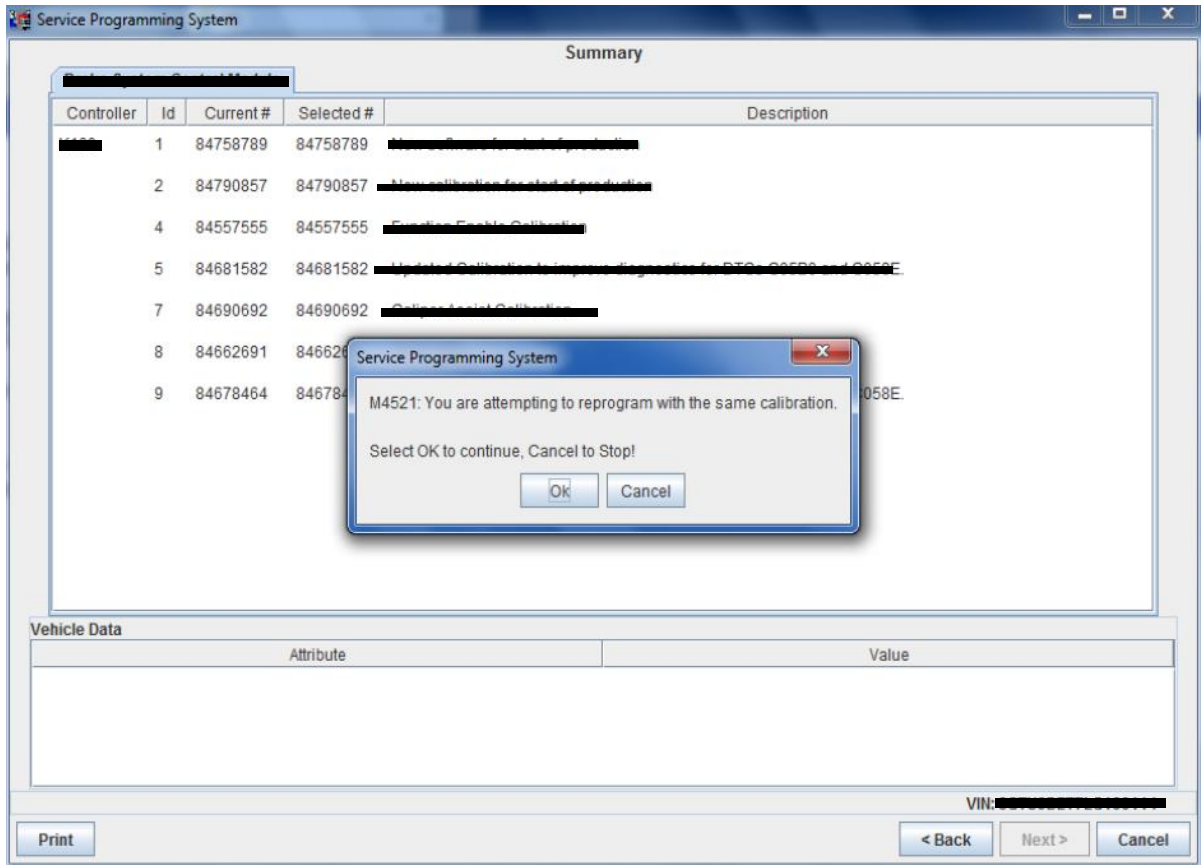
VIN: ...

Print Save to PDF ECU Data Back Start Programming Cancel

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# Service Update

## N202325461 Automated Driving Mapping Module Software Update



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

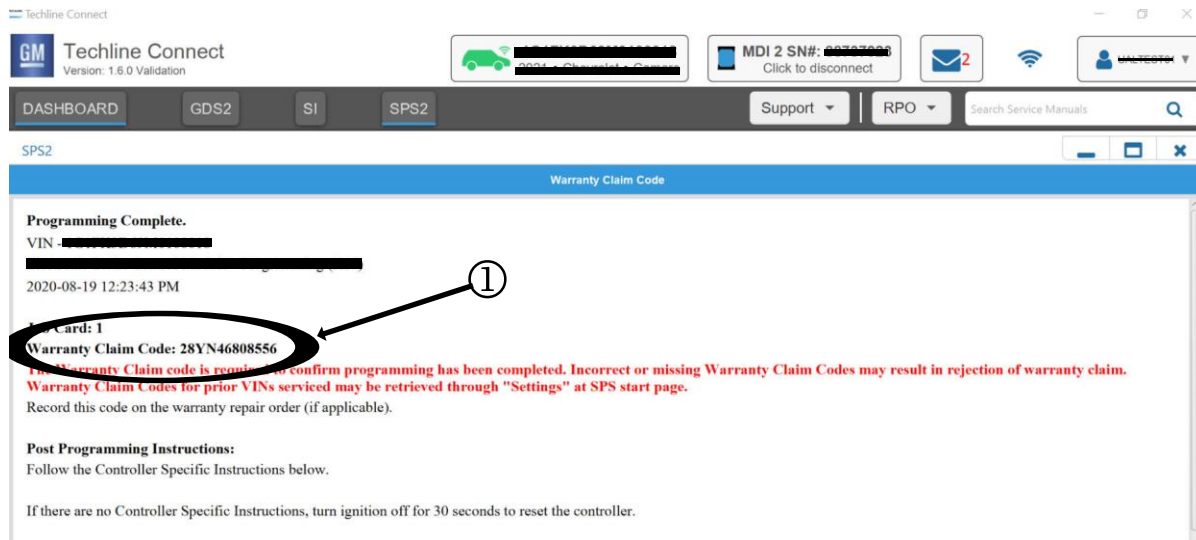
**Important:** If the same calibration/software warning is noted on the TLC or SPS Summary screen, select OK and follow screen instructions. After a successful programming event, the WCC is located in the Service Programming System dialogue box of the SPS Summary screen. No further action is required. 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, full-size Chevrolet, GMC, Cadillac SUVs and Buick Envision. Serial Data Message Authentication also needs to have the ignition off.

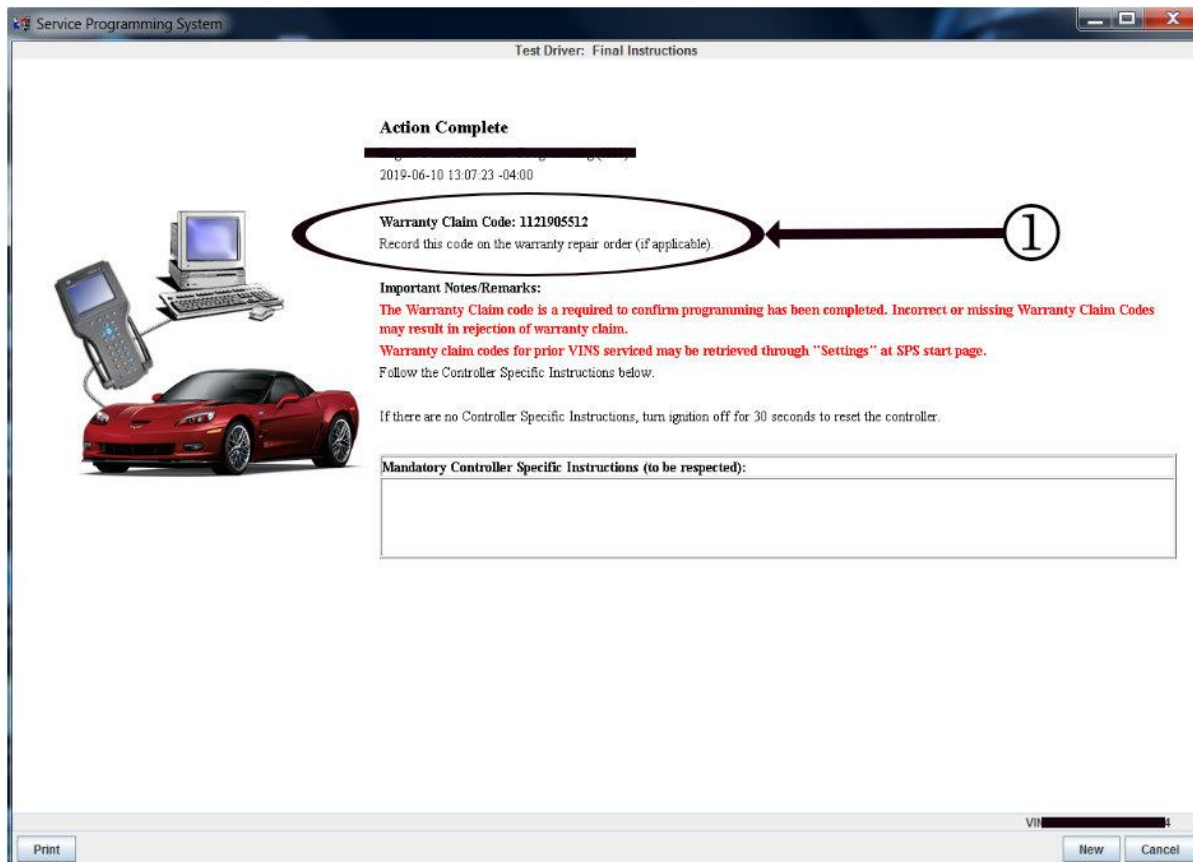
1. Reprogram the Automated Driving Mapping Module (K179). Refer to *K179 Automated Driving Mapping Module: Programming and Setup* in SI.

# Service Update

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**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.

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

## Service Update

### N202325461 Automated Driving Mapping Module Software Update



#### Dealer Responsibility

Whenever a vehicle subject to this service update enters your vehicle inventory or is in your facility for service in the future, and the vehicle is still covered under the New Vehicle Limited Warranty, you must take the steps necessary to be sure the service update correction has been made before selling or releasing the vehicle.

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.

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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**