

GLOBAL SAFETY FIELD INVESTIGATIONS  
DCS5266  
URGENT - DISTRIBUTE IMMEDIATELY

Date: December 18, 2019

Subject: N192285670 - Service Update  
EBCM Sets Service ESC/Stabilitrak/Parking Brake

Models: 2020 Chevrolet Equinox  
2020 GMC Terrain

To: All General Motors Dealers

General Motors is releasing Service Update N192285670 today. The total number of U.S. vehicles involved is approximately 170,620. 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 December 18, 2019. 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

## N192285670 EBCM Sets Service ESC/StabiliTrak/Parking Brake



Release Date: December 2019

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.

Make	Model	Model Year		RPO	Description
		From	To		
Chevrolet	Equinox	2020	2020		
GMC	Terrain	2020	2020		

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 2020 model year Chevrolet Equinox and GMC Terrain vehicles may have an electronic brake control module (EBCM) that could set diagnostic trouble codes U0125 or U0151. If this happens, the driver's information center (DIC) will display "Service ESC", "Service StabiliTrak" or "Service Parking Brake". The function of ESC/StabiliTrak/Park Brake will be compromised. It may clear in a subsequent key cycle (requires an EBCM power cycle).
<b>Correction</b>	Dealers will reprogram the EBCM.

### Parts

No parts are required for this repair.

### Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9104806*	Verified Module Software or Calibration Level: Module Is Programmed with Same Level Software or Calibration	0.2	ZFAT	N/A
9104807*	Electronic Brake Control Module Reprogramming with SPS	0.3		

**\* Warning:** 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.

### Service Procedure

**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

# Service Update

## N192285670 EBCM Sets Service ESC/StabiliTrak/Parking Brake



[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.

- 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.

The screenshot shows the Service Programming System (SPS) Summary screen for the Brake System Control Module. The main window displays a table of programming items. A dialog box is overlaid on the screen, displaying a warning 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.

Controller	Id	Current #	Selected #	Description
K160	1	84758789	84758789	New software for start of production
	2	84790857	84790857	New calibration for start of production
	4	84557555	84557555	Function Enable Calibration
	5	84681582	84681582	Updated Calibration to improve diagnostics for DTCs C05B0 and C058E.
	7	84690692	84690692	Caliper Assist Calibration
	8	84662691	84662691	
	9	84678464	84678464	

Vehicle Data

Attribute	Value
-----------	-------

VIN: 3GTU9DET7LG100114

Print < Back Next > Cancel

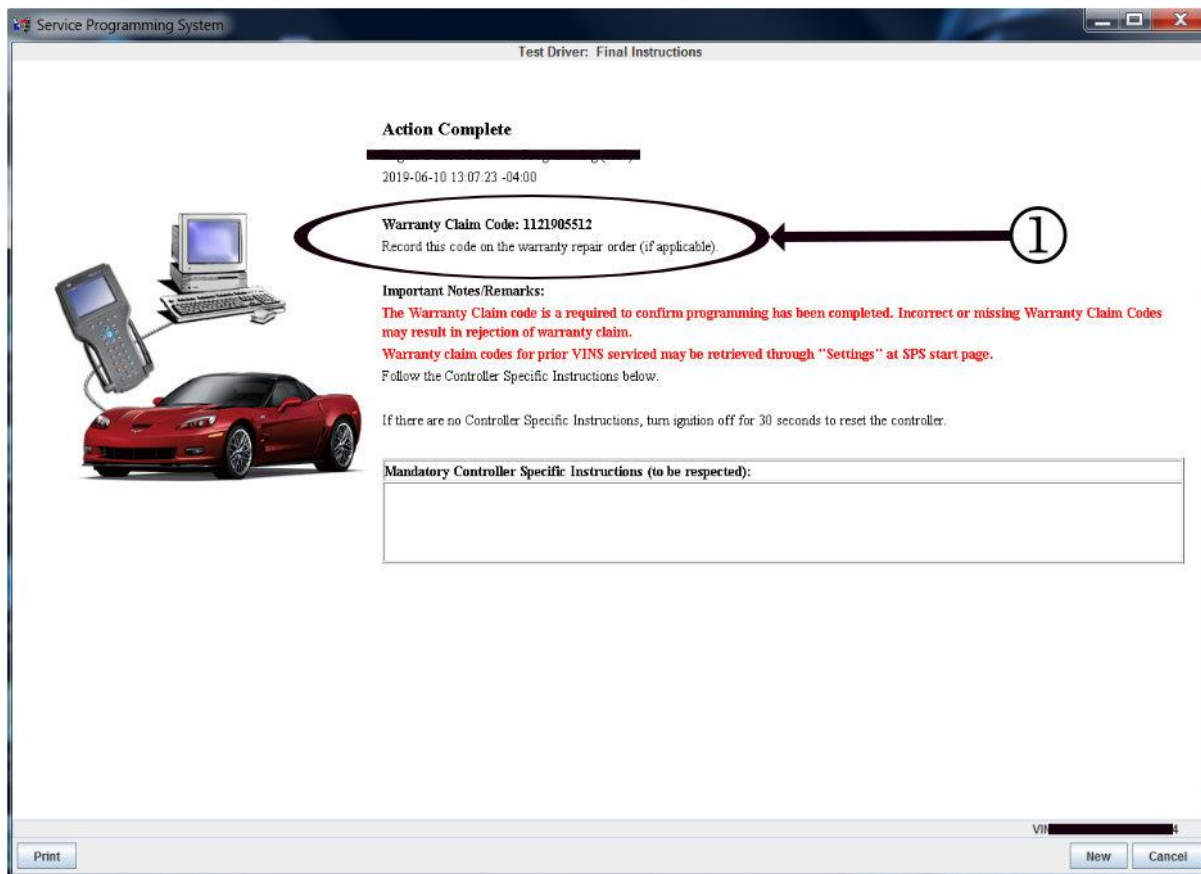
5431207

**Note:** 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 Electronic Brake Control Module. Refer to *K17 Electronic Brake Control Module: Programming and Setup* in SI.

# Service Update

## N192285670 EBCM Sets Service ESC/StabiliTrak/Parking Brake



**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.

### 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/repared 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.

