



Service Bulletin

Bulletin No.: 19-NA-213

Date: December, 2019

TECHNICAL

Subject: Service Calibration for Service ESC and/or Service Park Brake Messages

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Buick	Envision	2018	2020			All	All
Chevrolet	Equinox						
GMC	Terrain						
Holden	Equinox						

Involved Region or Country	North America, Middle East, Israel, South America, South Korea, Thailand, Australia, New Zealand, Egypt and Africa.
Additional Options (RPOs)	
Condition	<p>Some customers may comment on a "Service ESC" or "Service Park Brake" MIL being illuminated.</p> <p>A technician may find the following DTCs set current or in history: U0125 or U0151. If they experience the issue prior, the message may not be active and the codes may be in history. The message and/or the indicator would have shown on the DIC, and disappeared on the next key cycle.</p> <ul style="list-style-type: none"> • DTC U0125: Lost Communication With Multi-axis Acceleration Sensor Module • DTC U0151: Lost Communication with SDM
Cause	The cause of the condition may be an issue with the Electronic Brake Control Module (EBCM)
Correction	After verifying the DTCs that are present, follow the diagnostics for the code(s). If no issue found, reprogram the EBCM.

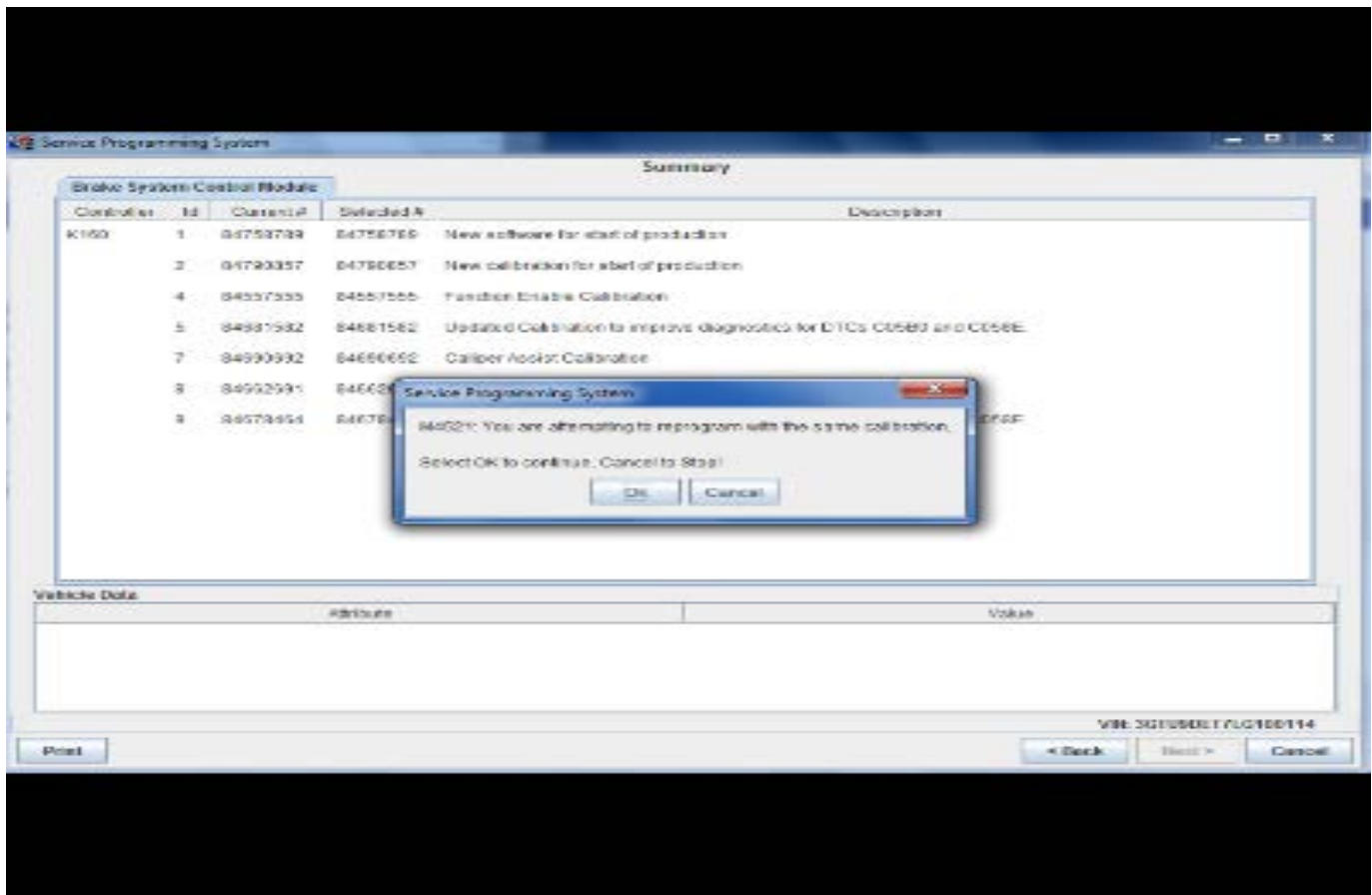
Service Procedure

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.

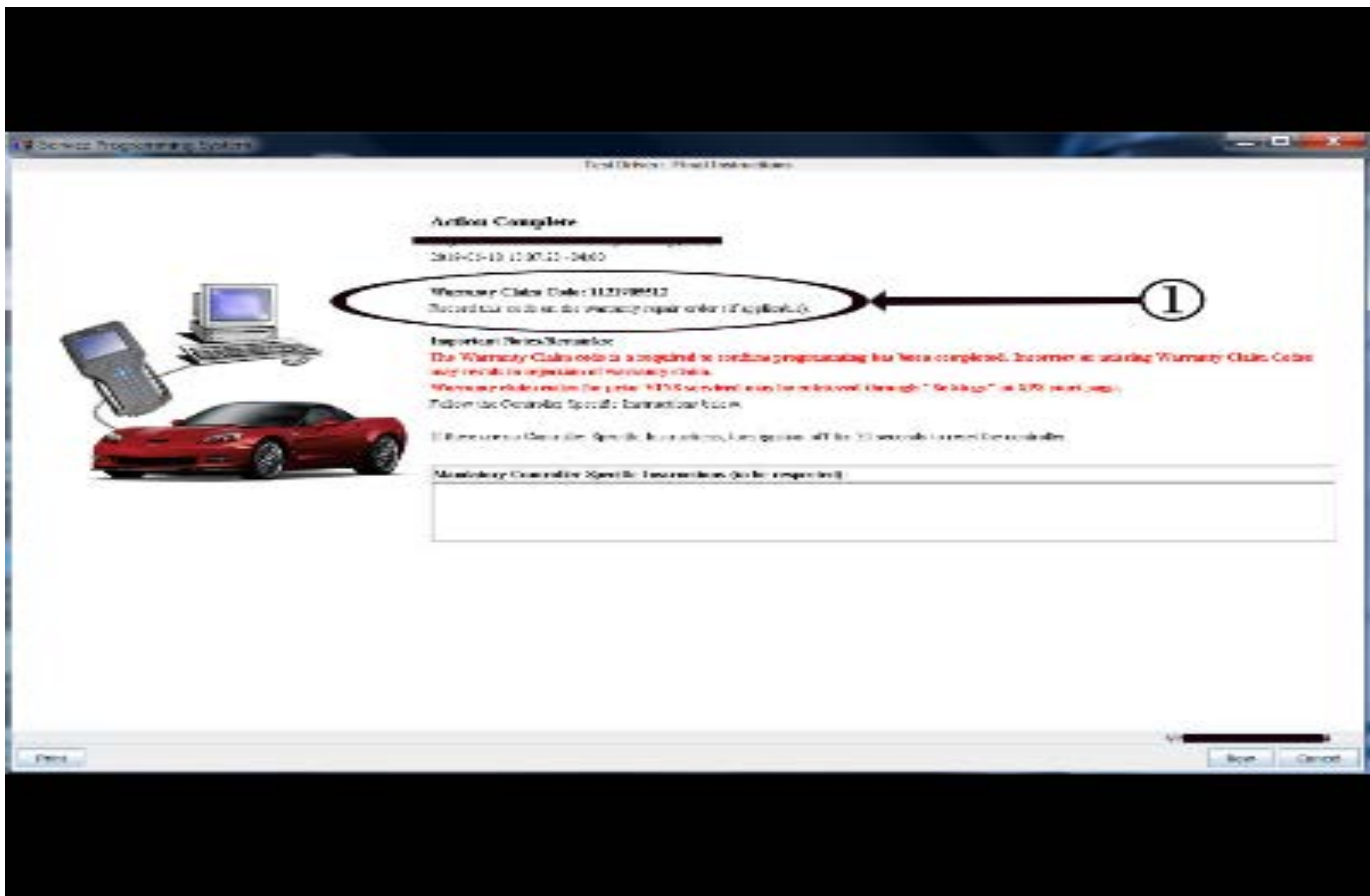
- Ensure the programming tool is equipped with the latest software and is securely connected to the data link connector. If there is an interruption during programming, programming failure or control module damage may occur.
- Stable battery voltage is critical during programming. Any fluctuation, spiking, 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.



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. Verify if the Electronic Brake Control Module (EBCM) has the latest software available.



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- If the vehicle does not have the most current level of software, reprogram the EBCM to the latest software available. Refer to *K17 Electronic Brake Control Module: Programming and Setup* in SI.
- If the vehicle has the most current level of software, refer to SI to perform system diagnostics.

Note: 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.

3. Clear all codes.
4. Referring to SI, run the vehicle under the conditions for setting the DTC(s).
 - If DTC does not reset, return the vehicle to the customer.
 - If DTC resets use SI to continue to diagnose the issue.

Parts Information

No parts are required for this repair.

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
*2886498	Electronic Brake Control Module Reprogramming with SPS for DTCs U0125 and U0151	0.3 hr

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

*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	3
Modified	Released September 16, 2019 Revised October 09, 2019 – Added 2018 and 2020 Model Years, updated Service Procedure with SPS programming information Revised November 27, 2019 – Added 2018, 2019 and 2020 Buick Envision Models and updated programming information

