



Service Bulletin

Bulletin No.: 19-NA-144

Date: July, 2019

INFORMATION

Subject: SDM Calibration Update After AEV Bison Style Front Bumper Package Installation

Brand:	Model:	Model Year:		Date Breakpoint:		Engine:	Transmission:
		From:	To:	From:	To:		
Chevrolet	Colorado ZR2	2017-2019		—		—	—

Involved Countries	United States and Canada Only
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Information

Colorado ZR2 Bison Front Bumper Inflatable Restraint Sensing and Diagnostic Module Calibration Details

Warning: *Installation of the front bumper/skid plate assembly on your non-Bison Chevrolet Colorado ZR2 vehicle may cause your vehicle's airbags to deploy in a way that differs from production intent, and will also cause your vehicle to no longer comply with Motor Vehicle Safety Standard 208 (Occupant Crash Protection). Upon installation of the front bumper/skid plate assembly on a non-Bison vehicle, your vehicle's airbag software requires a calibration change to ensure the airbags function as intended.*

Please visit your Chevrolet dealership to update the Inflatable Restraint Sensing and Diagnostic Module calibration available through Techline and the Service Programming System (SPS) and for more information.

Contact the Techline Customer Support Center

Before reprogramming the SDM, call the Techline Customer Support Center (TCSC) at 1-800-828-6860 (English). In Canada call 1-800-503-3222 (French). The TCSC will provide programming requirements and instructions. When calling the TCSC, please ensure the specific vehicle VIN is available.

Reprogramming

Note: This calibration update is only applicable to a Colorado 4WD built with RPO ZR2.

Reprogramming of the Inflatable Restraint Sensing and Diagnostic Module must be done with the Service Programming System at an Authorized GM Dealer. The calibration does NOT include any hardware content.

1. Stable battery voltage is critical during programming. Any fluctuation, spiking, over voltage or loss of voltage will interrupt programming. Install a battery maintainer or power supply to maintain system voltage that provides a steady and stable voltage. Do not use a battery charger, as charging voltage will often fluctuate when connected to the vehicle. This may interrupt programming. If a battery maintainer is not available, connect a fully charged 12 V jumper or booster pack disconnected from the AC voltage supply.

Note: If the vehicle has been involved in a crash or near deployment event it may not allow the SDM to be reprogrammed without first being replaced.

2. Reprogram the inflatable restraint sensing and diagnostic module. Refer to **K36 Inflatable Restraint Sensing and Diagnostic Module: Programming and Setup** in SI.
 - ⇒ If an SPS failure message E4489 occurs during reprogramming, do not call the TCSC immediately. Record at which point the failure occurred before it displayed the E4489 message. When this occurs, proceed to GDS2. Download the appropriate vehicle configuration and select the Inflatable Restraint Sensing and Diagnostic Module. Under Identification Information, observe these parameters: Software Module 1 Identifier and Software Module 2 Identifier. Record these parameter values on the back of the job card. Go to Step 3.

- 3. If the parameters Software Module 1 Identifier and Software Module 2 Identifier are populated with a value of 1 or more, replace the Inflatable Restraint Sensing and Diagnostic Module. Refer to ***Airbag Sensing and Diagnostic Module Replacement*** in SI.
- 4. Perform the Diagnostic Repair Verification. Refer to ***Diagnostic Repair Verification*** in SI.

Warranty Information

This upgraded SDM calibration is a customer pay transaction and should not be submitted as a warranty claim. A \$75 Dealer Piece Cost for the Calibration will be billed to the BARS/Open Account monthly via Techline. The Dealer Statement will include the 17-character VIN, Part Number Reference, and Dealer Piece Cost.

Reprogramming the SDM with this calibration maintains the vehicle's warranty.

Version Information

Version	1
Modified	Released June 27, 2019

