



Service Bulletin

Bulletin No.: 24-NA-134

Date: July, 2024

TECHNICAL

Subject: Intermittent Service Lift System DIC Message on Z06 Models

Brand:	Model:	Model Year:		Build Date:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Corvette Z06	2024	2024	SOP	June 18, 2024	5.5L (LT6)	Dual Clutch (M1M)

Involved Region or Country	North America, Europe, Middle East, Japan, Thailand, Australia/New Zealand
Additional Options (RPOs)	Equipped with RPO E60 Front Lift
Condition	Some customers may comment on an intermittent message illuminated in the DIC (Driver Information Center) stating Service Lift System. No related DTCs will set. The lift system is otherwise working as intended.
Cause	The cause of the condition may be a software anomaly in the K218 Front Suspension Lifting/Lowering Hydraulic Power Pack Module.
Correction	Reprogram the K218 Front Suspension Lifting/Lowering Hydraulic Power Pack Module with the latest available software.

Service Procedure

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

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.

- 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 12V jumper or booster pack disconnected from the AC voltage supply. DO NOT connect a battery charger.

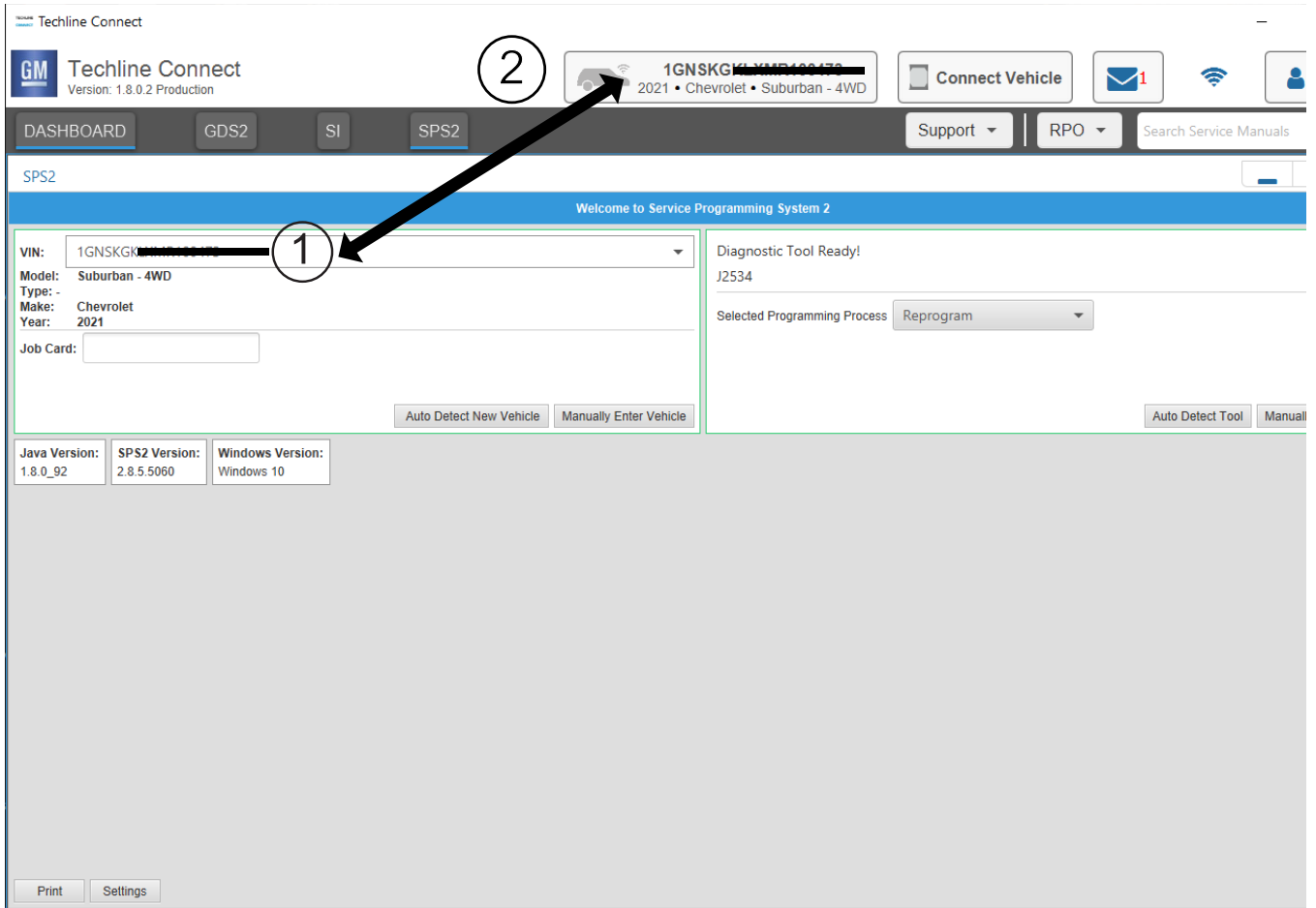
- Follow the on-screen prompts regarding ignition power mode, but ensure that anything that drains excessive power (exterior lights, HVAC blower motor, etc) is off.
- Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicators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

Important: The service technician always needs to verify that the VIN displayed in the TLC left side drop down menu and the top center window match the VIN plate of the vehicle to be programmed prior to using Service Programming System 2 (SPS2) for programming or reprogramming a module.

- For the TLC application, service technicians need to always ensure that the power mode (ignition) is "ON" before reading the VIN from the vehicle's VIN master module and that they do not select a VIN that is already in the TLC application memory from a previous vehicle.
- If the VIN that shows up in the TLC top center window after correctly reading the VIN from the

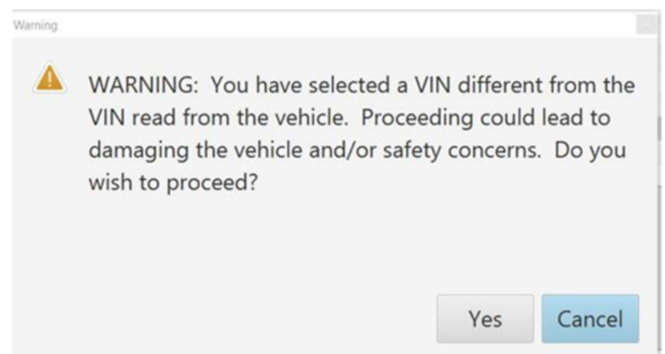
vehicle does not match the VIN plate of the vehicle, manually type in the VIN characters from the vehicle VIN plate into the TLC top center window and use these for programming or reprogramming the subject module with the correct vehicle VIN and software and/or calibrations.

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



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Important: If the vehicle VIN DOES NOT match, the message below will be shown.



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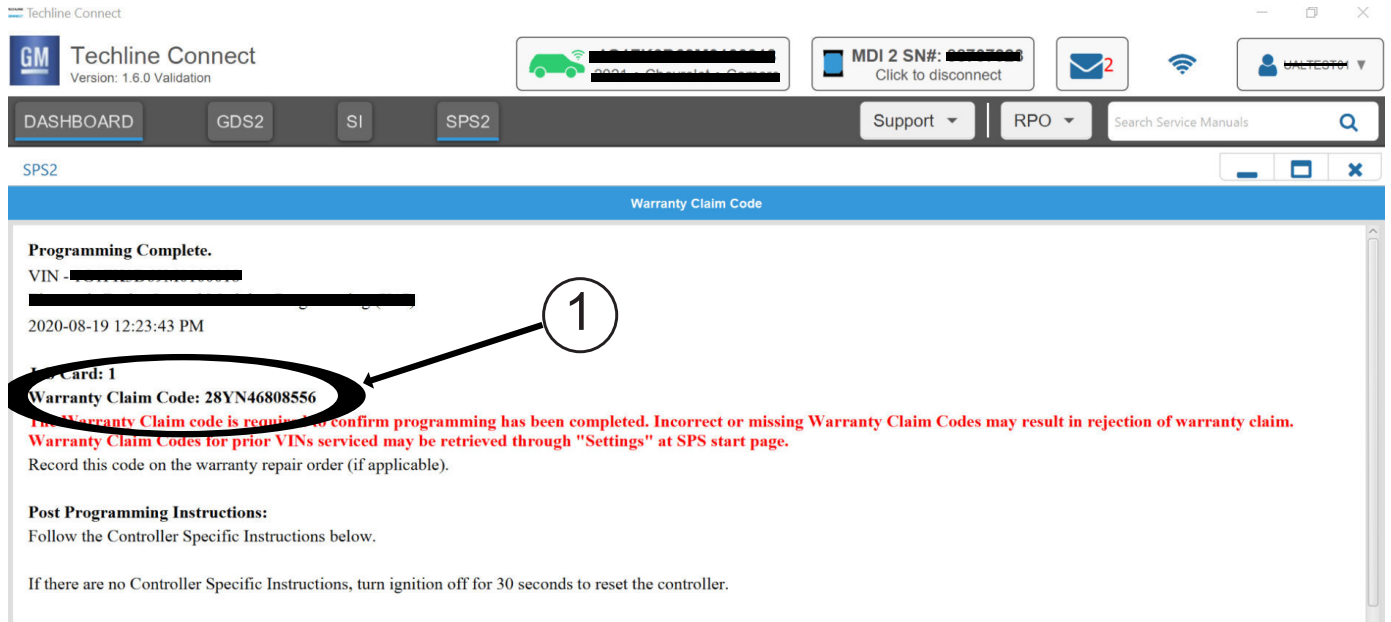
The screenshot shows the Techline Connect software interface. At the top, there is a navigation bar with 'DASHBOARD', 'GDS2', 'SI', and 'SPS2' tabs. The 'SPS2' tab is active. A warning dialog box is displayed in the center, with the text: 'M4521: You are attempting to reprogram with the same calibration. Select OK to continue, Cancel to Stop!'. The dialog has 'OK' and 'Cancel' buttons. Below the dialog is a table with columns: Controller, ID, Current #, and Description. The table contains 7 rows of data for K17 controllers. At the bottom of the screen, there are buttons for 'Print', 'Save to PDF', 'ECU Data', 'Back', 'Start Programming', and 'Cancel'. A VIN field is visible at the bottom right.

Controller	ID	Current #	Description
K17	1	84820771	
K17	2	84820790	
K17	3	84820797	84820797 Electronic Brake Diagnostic Calibration
K17	4	84820801	84820801 Function Enable Calibration
K17	5	84820808	84820808 Driver mode brake calibration
K17	6	84820819	84820819 Low Pressure Calibration
K17	7	84820825	84820825

Important: Techline Connect screen shown above.
Important: If the same calibration/software warning is noted on the TLC 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. Record the WCC on the job card. No

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further action is required. Refer to the Warranty Information section of this bulletin.

1. Reprogram the K218 Front Suspension Lifting/Lowering Hydraulic Power Pack Module. Refer to *K218 Front Suspension Lifting/Lowering Hydraulic Power Pack Module: Programming and Setup*.



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Note: The screenshot above is 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 the SPS Warranty Claim Code on the job card for warranty transaction submission.

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
2887808*	Reprogram the K218 Module to Correct "Service Lift System" DIC Message	0.3 hr

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

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

Labor Operation	Description	Labor Time
<p>Labour Time [Top]</p> <p>Labour Operation Code:</p> <p>Additional labour op code information: <input type="text"/></p> <p>SPS Warranty Claim Code: <input type="text"/></p>		
<p>6125814</p> <ul style="list-style-type: none">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 SPS2.		

Warranty Claim Code Information Retrieval

The screenshot shows a software interface with a 'Warranty Claim Code' dialog box. The dialog box has a tabbed interface with 'Warranty Claim Code' selected. It contains a table with the following data:

VIN	Module	Function	Warranty Claim Code	Job Card
[REDACTED]	K73 - Telematics Communication Interface Control Module	Programming & Service Activation	[REDACTED]	test
[REDACTED]	K9 - Body Control Module	Programming	[REDACTED]	test
[REDACTED]	K5 - Automatic Level Control Module Ignition	Off	[REDACTED]	test driver
[REDACTED]	K56 - Serial Data Gateway Module	Programming	[REDACTED]	test driver

Annotations: Arrow 1 points to the 'Settings' button at the bottom left of the interface. Arrow 2 points to the 'Warranty Claim Code' tab in the dialog box.

If the Warranty Claim Code was not recorded on the Job Card, the code can be retrieved in the SPS2 system as follows:

1. Open TLC on the computer used to program the vehicle.
2. Select and start SPS2.
3. Select Settings (1).

4. Select the Warranty Claim Code tab (2).

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	1
Modified	Released July 15, 2024

