

Customer Satisfaction Program

N222381840 Side Blind Zone Alert Retrofit



Release Date: April 2023

Revision: 01

Revision Description: This bulletin has been revised to update the parts section. **DO NOT use the EPC for the Module – Side Object Sensing Alert part numbers.** The module part numbers listed in the parts section of the bulletin must be ordered to complete the retrofit. **For the mirror glass, if part number 23121712 populates in the EPC, order part number 23406428.** An additional column has been added to the parts table to clarify the correct part number to order. Please discard all previous copies of N222381840.

Attention: This program is in effect until May 31, 2026.

Make	Model	Model Year		RPO	Description
		From	To		
Chevrolet	Equinox	2022	2022	UKC and 00S	LANE CHANGE ALERT WITH SIDE BLIND ZONE ALERT and
GMC	Terrain				CREDIT-NOT EQUIPPED W/ LANE CHANGE ALERT W/ SIDE BLIND ZONE ALERT AND REAR CROSS TRAFFIC ALERT; INCLUDES LATER RETROFIT

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.

Condition	Due to the industry-wide semiconductor shortage, the side blind zone alert feature is not functional on certain 2022 model year vehicles listed above, built beginning June 28, 2022. The affected vehicle owners should have been made aware of the condition at sale, and notified that once parts are available, they would be eligible for a no additional cost retrofit to enable the feature.
Correction	Dealers are to perform a configuration and setup on the instrument cluster, install side object sensing alert modules, and replace the outside rear view mirror glass.

Parts

Quantity	Part Name	Part Number Displayed in EPC	Part Number To Be Ordered
1	Module – Side Object Sensing Alert	N/A	42625292
1	Module – Side Object Sensing Alert	N/A	42625293
1	Mirror Glass – Outside Rear View	84363322	84363322
1	Mirror Glass – Outside Rear View	84305392	84305392
1	Mirror Glass – Outside Rear View	*23121712	*23406428
1	Mirror Glass – Outside Rear View	23406431	23406431
1	Mirror Glass – Outside Rear View	84305400	84305400
1	Mirror Glass – Outside Rear View	84305402	84305402
1	Mirror Glass – Outside Rear View	84363337	84363337

DO NOT use the EPC for the Module – Side Object Sensing Alert part numbers. The module part numbers listed in the parts section must be ordered to complete the retrofit.

***If part number 23121712 populates in the EPC, order part number 23406428.**

The EPC will be updated in the near future.

Note: Use the VIN and the GM Electronic Parts Catalog (EPC) to determine which outside rear view mirror glass to order.

Parts required to complete this recall are to be obtained from General Motors Customer Care and Aftersales (GMCC&A). Normal orders should be placed on a DRO = Daily Replenishment Order. In an emergency situation, parts should be ordered on a CSO = Customer Special Order.

Reminder: Parts may be removed from Retail Inventory Management (RIM). Dealers should review the affected parts to confirm RIM managed status. Parts may have quantity limiters in effect.

Customer Satisfaction Program

N222381840 Side Blind Zone Alert Retrofit



Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9106633*	Install Side Blind Zone Components (Programming Side Object Sensor Module - Left), and Includes Instrument Cluster Configuration and Setup	2.0	ZFAT	N/A

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

- 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

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

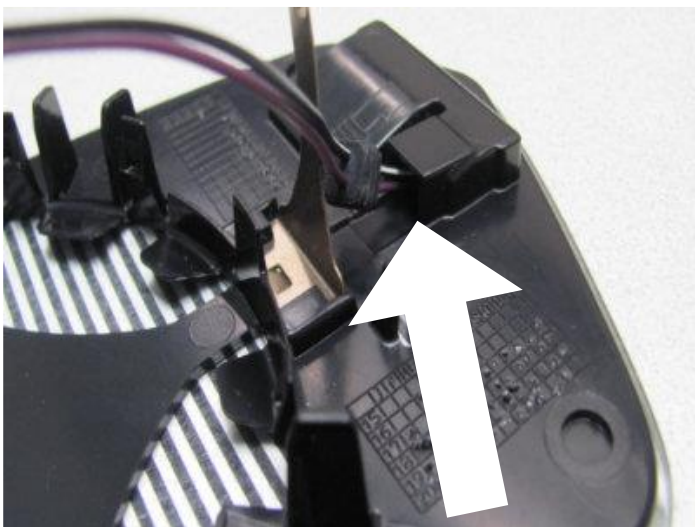
1. Open TLC on the computer used to program the vehicle.
2. Select and start SPS2.
3. Select Settings.
4. Select the Warranty Claim Code tab.

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

Note: The rear obstacle detection module wiring is wire tied to the brackets and the connectors have caps installed. Cut and dispose of the wire ties and remove and discard the connector caps.

1. Install the left and right-side obstacle detection control modules. Ensure the correct part number is installed in the correct left-right position. Refer to *Side Obstacle Detection Control Module Replacement* in SI. The brackets and fasteners are already installed on the vehicle. Only remove the rear bumper fascia enough to install the modules, it is not necessary to completely remove the assembly. When programming the modules, only the left module requires programming.



6291752

Important: When removing the mirror glass, rotate the wiring harness (purple and black/white circuit) electrical connector while gently pulling on the harness. There is a step on the connector that catches on the opening and rotating the harness will release the connector. Do not apply excessive pull to the harness, the connector will be damaged.

Customer Satisfaction Program

N222381840 Side Blind Zone Alert Retrofit



2. Remove and discard the existing left and right outside rearview mirror glass. Refer to *Outside Rearview Mirror Glass Replacement* in SI.
3. Install the new left and right side outside rearview mirror glass. Refer to *Outside Rearview Mirror Glass Replacement* in SI.

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.
- 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.
- The Engine Control Module (ECM) is the master module (for VIP vehicles) that TLC reads to determine the VIN of the vehicle. If the VIN read from the vehicle by TLC does not match the VIN plate of the vehicle, the ECM also needs to be reprogrammed with the correct VIN, software and calibrations that match the vehicle’s VIN plate.
- The Body Control Module (BCM) is the master module (for GEM vehicles) that TLC reads to determine the VIN of the vehicle. If the VIN read from the vehicle by TLC does not match the VIN plate of the vehicle, the BCM also needs to be reprogrammed with the correct VIN, software and calibrations that match the vehicle’s VIN plate.

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

Customer Satisfaction Program

N222381840 Side Blind Zone Alert Retrofit



Techline Connect
Version: 1.8.0.2 Production

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

Connect Vehicle

DASHBOARD GDS2 SI SPS2 Support RPO Search Service Manu

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

5743643

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

Warning

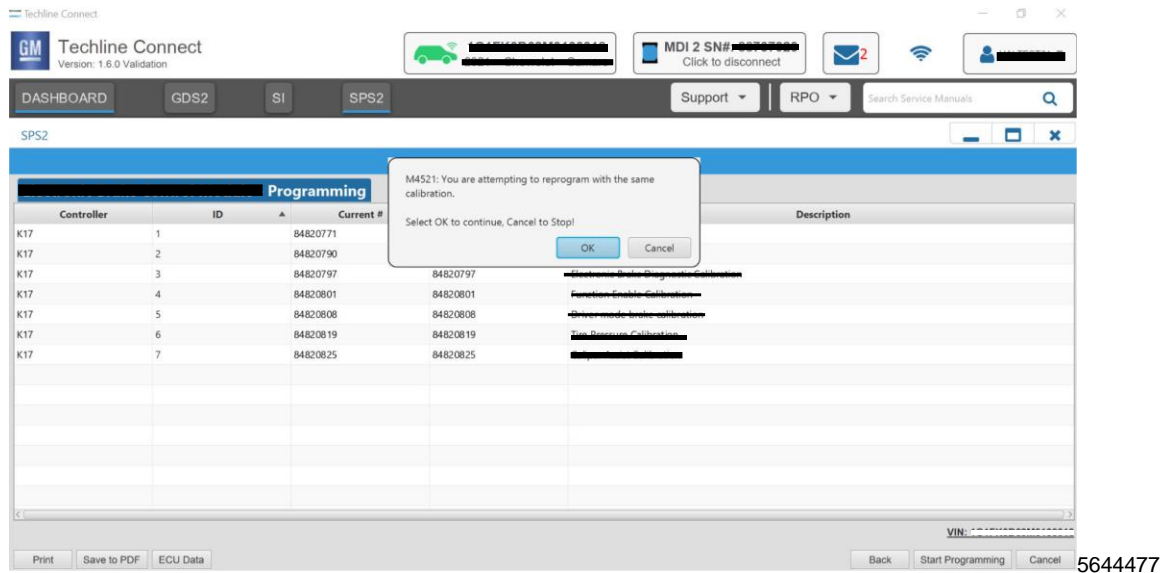
⚠️ WARNING: You have selected a VIN different from the VIN read from the vehicle. Proceeding could lead to damaging the vehicle and/or safety concerns. Do you wish to proceed?

Yes Cancel

5877000

Customer Satisfaction Program

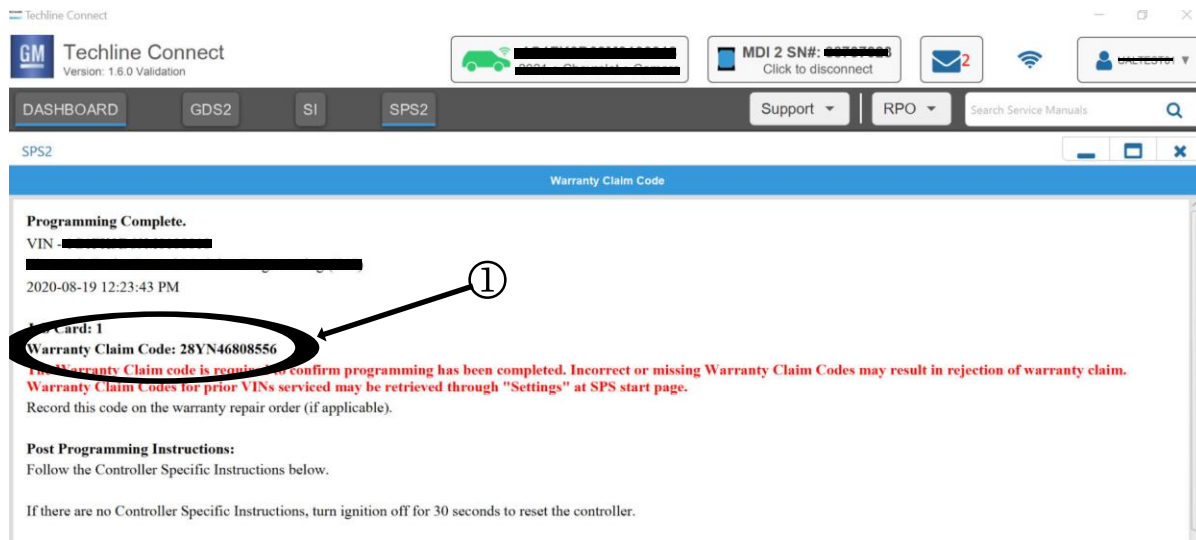
N222381840 Side Blind Zone Alert Retrofit



Important: Techline Connect screens 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. No further action is required. Refer to the Warranty section of the bulletin.

4. Perform the "Configuration and Setup" on the instrument cluster. Select "Configuration and Setup" on the SPS Supported Controllers screen and follow the on-screen instructions. Refer to *P16 Instrument Cluster: Programming and Setup* in SI.



5644478

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.

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

Customer Satisfaction Program

N222381840 Side Blind Zone Alert Retrofit



Dealer Responsibility

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this program 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.

Dealers are to service all vehicles subject to this program at no charge to customers, regardless of mileage, age of vehicle, or ownership, through May 31, 2026. Customers who have recently purchased vehicles sold from your vehicle inventory, and for which there is no customer information indicated on the involved vehicle listing, are to be contacted by the dealer. Arrangements are to be made to make the required correction according to the instructions contained in this bulletin. A copy of the customer letter is provided in this bulletin for your use in contacting customers. Program follow-up cards should not be used for this purpose, since the customer may not as yet have received the notification letter.

In summary, whenever a vehicle subject to this program enters your vehicle inventory or is in your facility for service through May 31, 2026, you must take the steps necessary to be sure the program correction has been made before selling or releasing the vehicle.

Dealer Reports – For USA & Export

For dealers with involved vehicles, a listing has been prepared and will be available through GM GlobalConnect Maxis Field Action Reports or sent directly to export dealers. The Inventory tab of the dealer reports will contain 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 contain customer names and addresses from Motor Vehicle Registration Records. The use of such motor vehicle registration data for any purpose other than follow-up necessary to complete this field action may be a violation of law in several states.

Courtesy Transportation – For USA & Canada

Courtesy transportation is available for customers whose vehicles are involved in a product program and still within the warranty coverage period. See General Motors Service Policies and Procedures Manual for courtesy transportation program details.

Customer Notification

USA & Canada - General Motors will notify customers of this program on their vehicle (see copy of customer letter included with this bulletin).

Export - Letters will be sent to known owners of record located within areas covered by the US National Traffic and Motor Vehicle Safety Act. For owners outside these areas, dealers should notify customers using the attached sample letter.

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

Customer Satisfaction Program

N222381840 Side Blind Zone Alert Retrofit



May 2023

This notice applies to your vehicle, **VIN:** _____

Dear General Motors Customer:

Our records indicate that, at the time you purchased or leased your GM vehicle, the vehicle was not equipped with the side blind zone alert feature due to an industry-wide parts shortage.

We are pleased to inform you that you are now able to schedule an appointment with your GM dealer so they can enable your side blind zone alert.

What We Will Do: Your GM dealer will reprogram the instrument cluster, install side object sensing alert modules, and replace the outside rear view mirror glass. This service will be performed for you at **no charge until May 31, 2026**. After that, any applicable warranty will apply.

What You Should Do: We recommend that you contact your GM dealer as soon as possible to schedule an appointment for this retrofit. By scheduling an appointment, your dealer can order the necessary parts to be available on your scheduled appointment date.

If you have any questions or concerns that your dealer is unable to resolve, please contact the appropriate Customer Assistance Center at the number listed below.

For the hearing or speech impaired, please contact our Customer Assistance Center using the Telecommunication Relay Service by dialing 711 then providing the appropriate Customer Assistance Center number for your vehicle.

Division	Number	Text Telephones (TTY)
Chevrolet	1-800-222-1020	711 / 1-800-833-2438
GMC	1-800-462-8782	711 / 1-800-833-2438
Puerto Rico – English	1-866-467-9700	
Puerto Rico – Español	1-866-467-9700	
Virgin Islands	1-866-467-9700	

We truly appreciate you taking the time to retrofit your vehicle as we know your time is valuable. We want you to know that we will do our best, throughout your ownership experience, to ensure that your GM provides you with many miles of enjoyable driving.

Neelie O'Connor
Global Executive Director
Customer Experience Operations

N222381840

GLOBAL SAFETY FIELD INVESTIGATIONS
DCS6547
URGENT - DISTRIBUTE IMMEDIATELY

Date: April 27, 2023

Subject: REVISION: N222381840-01 - Customer Satisfaction Program
Side Blind Zone Alert Retrofit with RPO 00S
Revised Parts Section

Models: 2022 Chevrolet Equinox
2022 GMC Terrain

To: All General Motors Dealers

This bulletin has been revised to update the parts section. **DO NOT use the EPC for the Module – Side Object Sensing Alert part numbers.** The module part numbers listed in the parts section of the bulletin must be ordered to complete the retrofit. **For the mirror glass, if part number 23121712 populates in the EPC, order part number 23406428.** An additional column has been added to the parts table to clarify the correct part number to order. Please discard all previous copies of N222381840.

- **All orders that were previously placed for part number 84418801 or 84418802 will be cancelled. Please order part number 42625292 and 42625293 to complete this repair.**
- **All orders that were previously placed for part number 23121712 will be cancelled. Please order part number 23406428.**

END OF MESSAGE

GLOBAL SAFETY FIELD INVESTIGATIONS