

GLOBAL SAFETY FIELD INVESTIGATIONS
DCS5801
URGENT - DISTRIBUTE IMMEDIATELY

Date: May 24, 2021

Subject: N212327470 - Service Update - Infotainment Screen Remains Black In Cold Temperatures

Models: 2021 Buick Envision, Cadillac CT4, Cadillac CT5, Chevrolet Corvette, Suburban, Tahoe, GMC Yukon and Yukon XL
Equipped with an Infotainment System (RPO IOS, IOT, or IOU)

To: All General Motors Dealers

General Motors is releasing Service Update N212327470 today. The total number of U.S. vehicles involved is approximately 215,806. 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 May 25, 2021 or sooner. 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

N212327470 Infotainment Screen Remains Black In Cold Temperatures



Release Date: May 2021

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 | | |
| Buick | Envision | 2021 | 2021 | IOS, IOT, IOU | Infotainment System |
| Cadillac | CT4 | | | | |
| | CT5 | | | | |
| Chevrolet | Corvette | | | | |
| | Suburban | | | | |
| | Tahoe | | | | |
| GMC | Yukon | | | | |
| | Yukon XL | | | | |

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 | Certain 2021 model year Buick Envision, Cadillac CT4, CT5, Chevrolet Corvette, Suburban, Tahoe, GMC Yukon, and Yukon XL vehicles, equipped with an Infotainment System, may have a condition during cold temperature conditions where the Infotainment screen is blacked out. |
| Correction | Dealers will reprogram the radio. |

Parts

No parts are required for this repair.

Warranty Information

| Labor Operation | Description | Labor Time | Trans. Type | Net Item |
|-----------------|---|------------|-------------|----------|
| 9105676* | Verified Module Software or Calibration Level: Module Is Programmed with Same Level Software or Calibration | 0.2 | ZFAT | N/A |
| 9105677* | Radio Reprogramming with SPS (Includes USB) | 0.6 | | |

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 SPS/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 SPS system as follows:

1. Open TIS/TLC on the computer used to program the vehicle.
2. Select and start SPS/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

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.

Service Update

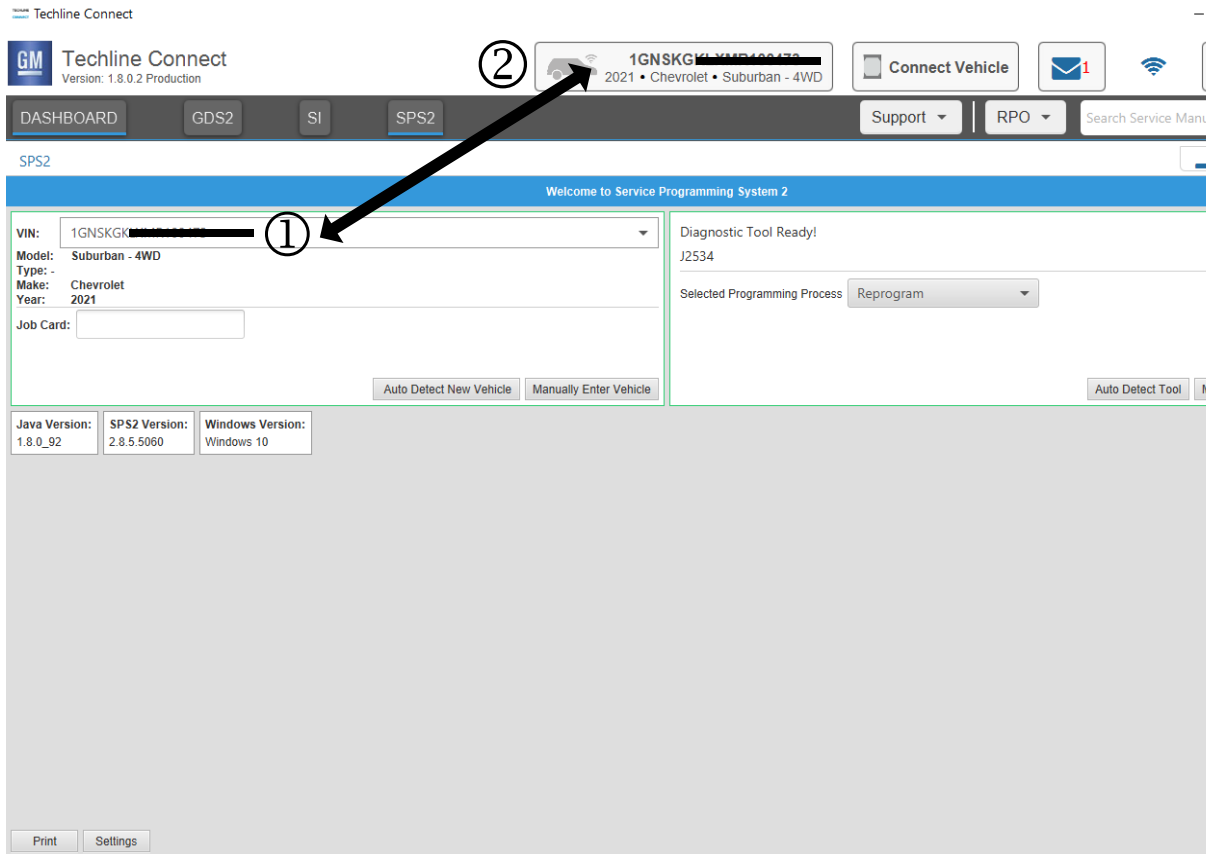
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Note: Carefully read and follow the instructions below.

- 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 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.
- Please verify that the radio time and date are set correctly before inserting USB drive into vehicle for programming, otherwise an error will result. (Use when applicable).
- Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicators to NO.

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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Techline Connect
 Version: 1.6.0 Validation

MDI 2 SN# [REDACTED]
 Click to disconnect

Support RPO Search Service Manuals

SPS2

Programming

| Controller | ID | Current # | Description |
|------------|----|-----------|-------------|
| K17 | 1 | 84820771 | [REDACTED] |
| K17 | 2 | 84820790 | [REDACTED] |
| K17 | 3 | 84820797 | [REDACTED] |
| K17 | 4 | 84820801 | [REDACTED] |
| K17 | 5 | 84820808 | [REDACTED] |
| K17 | 6 | 84820819 | [REDACTED] |
| K17 | 7 | 84820825 | [REDACTED] |

M4521: You are attempting to reprogram with the same calibration.
 Select OK to continue, Cancel to Stop!

Print Save to PDF ECU Data Back Start Programming Cancel

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Service Programming System

Summary

| Controller | Id | Current # | Selected # | Description |
|------------|----|-----------|------------|-------------|
| [REDACTED] | 1 | 84758789 | 84758789 | [REDACTED] |
| | 2 | 84790857 | 84790857 | [REDACTED] |
| | 4 | 84557555 | 84557555 | [REDACTED] |
| | 5 | 84681582 | 84681582 | [REDACTED] |
| | 7 | 84690692 | 84690692 | [REDACTED] |
| | 8 | 84662691 | 84662691 | [REDACTED] |
| | 9 | 84678464 | 84678464 | [REDACTED] |

M4521: You are attempting to reprogram with the same calibration.
 Select OK to continue, Cancel to Stop!

Vehicle Data

| Attribute | Value |
|-----------|-------|
| | |

Print < Back Next > Cancel

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Important: Techline Connect and TIS2WEB screens shown above.

Important: If the same calibration/software warning is noted on the TLC or SPS 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.

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Important: When programming a module in GM's new Vehicle Intelligence Platform, or VIP, the power mode (ignition) needs to be off or errors may occur. This involves the 2020+ Chevrolet Corvette, Cadillac CT5 and CT4, full-size Chevrolet, GMC, Cadillac SUVs and Buick Envision. Serial Data Message Authentication also needs to have the ignition off.

1. Inspect the current radio software version. Navigate to Settings -> About -> Build Number -> Information "i" to view and verify the software version.
 - 1.1. If the build number is less than V155.3.8, proceed to step 2.
 - 1.2. If the build number is V155.3.8 or greater, no further action is required.
2. Reprogram the Radio. Refer to *A11 Radio: Programming and Setup* in SI.
 - 2.1. The USB portion of radio reprogramming **MUST** be performed for this field action, and the warranty claim code from the USB reprogramming is the code that should be submitted under warranty.

GM Techline Connect
Version: 1.6.0 Validation

DASHBOARD GDS2 SI SPS2 Support RPO Search Service Manuals

SPS2

Warranty Claim Code

Programming Complete.
VIN: [REDACTED]
2020-08-19 12:23:43 PM

Card: 1
Warranty Claim Code: 28YN46808556

The Warranty Claim code is required to confirm programming has been completed. Incorrect or missing Warranty Claim Codes may result in rejection of warranty claim. Warranty Claim Codes for prior VINs serviced may be retrieved through "Settings" at SPS start page.
Record this code on the warranty repair order (if applicable).

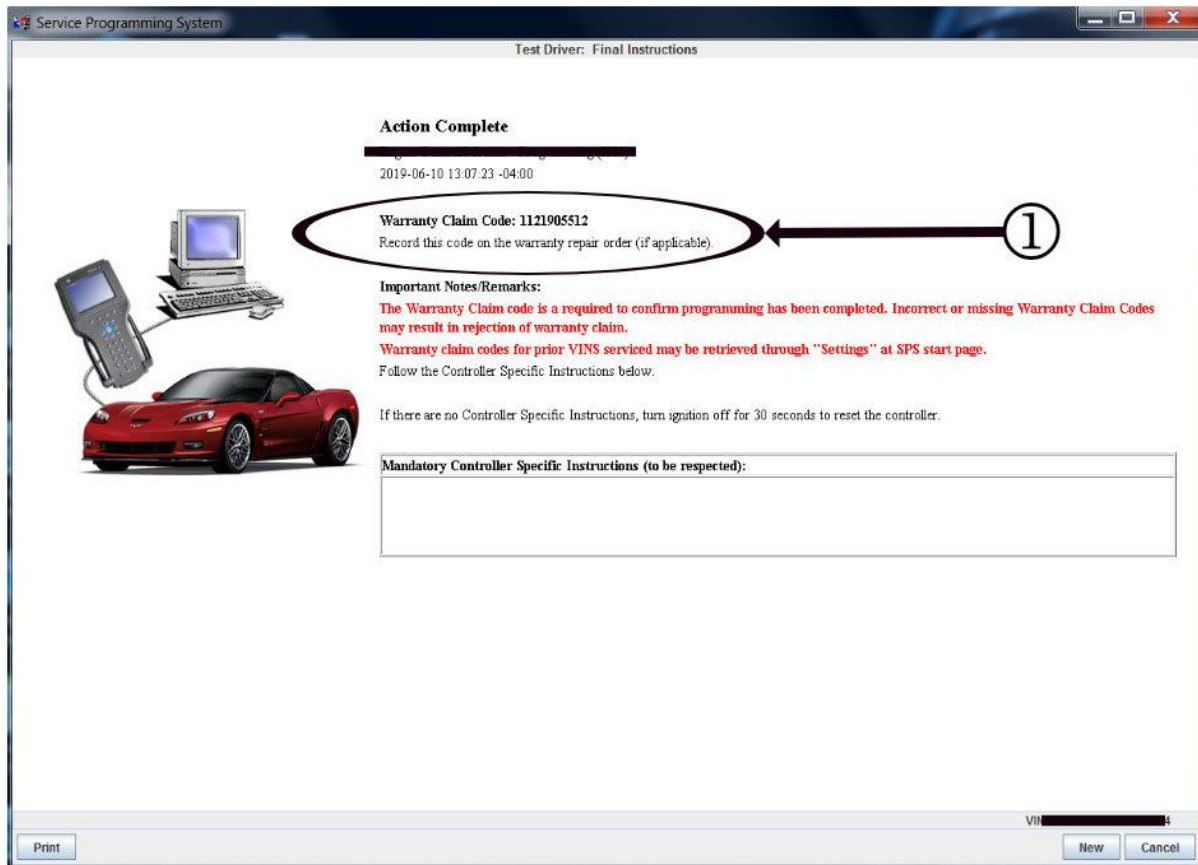
Post Programming Instructions:
Follow the Controller Specific Instructions below.

If there are no Controller Specific Instructions, turn ignition off for 30 seconds to reset the controller.

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Note: The screenshots above are 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.

3. 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/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.

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Dealer Reports

The Inventory tab of the Open Vehicle Report will contain Service Update Bulletin 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 not contain Service Update Bulletin VIN data because the intent of a Service Update Bulletin is to not inconvenience a customer with a special trip for service. Service Update Bulletins are to be completed when the customer is in for a regularly scheduled visit.

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**