

Product Emission Recall

N212333800 Calibration for Performance Air Intake System



Release Date: June 2021

Revision: 00

Attention: All involved vehicles that are in dealer inventory must be held and not delivered to customers, dealer traded, or used for demonstration purposes until the repair contained in this bulletin has been performed on the vehicle.

Make	Model	Model Year		RPO	Description
		From	To		
Chevrolet	Camaro	2018	2021	RVK	Accessory-Air Filter – Performance (LPO-Dealer Installed)
	Silverado 1500 (New Model)	2019	2019		
	Silverado 1500	2020	2021		
	Suburban	2021	2021		
	Tahoe				
GMC	Sierra 1500 (New Model)	2019	2019	5W7	
	Sierra 1500	2020	2020		
	Sierra 1500	2021	2021		
	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	General Motors has decided to conduct a voluntary emissions recall involving certain 2018-2021 Chevrolet Camaro; 2019 Silverado 1500 (New Model) and GMC Sierra 1500 (New Model); 2020-2021 Chevrolet Silverado 1500 and GMC Sierra 1500; 2021 Chevrolet Suburban, Tahoe, GMC Yukon and Yukon XL vehicles equipped with a performance air intake system (LPO RVK or 5W7). The Engine Control Module (ECM) may not have been programmed with the calibrations appropriate for the performance air intake system installed on the engine in these vehicles.
Correction	Dealers will reprogram the ECM.

Parts

There are no parts required for this software update.

Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9105770*	Verified Module Software or Calibration Level: Module Is Programmed with Same Level Software or Calibration	0.2	ZFAT	N/A
9105771*	Engine Control Module Reprogramming with SPS	0.3		

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.

Product Emission Recall

N212333800 Calibration for Performance Air Intake System



Service Procedure

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.
- Ensure the ignition is turned OFF, load on the vehicle's battery such as; interior lights, exterior lights (including daytime running lights), HVAC, etc. may affect the download process.
- 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.

Techline Connect
GM Techline Connect
Version: 1.8.0.2 Production

DASHBOARD GDS2 SI SPS2 Support RPO Search Service Manu

SPS2 Welcome to Service Programming System 2

VIN: 1GNSKGM1NMP100170 (1)
Model: Suburban - 4WD
Type: -
Make: Chevrolet
Year: 2021
Job Card:

Auto Detect New Vehicle Manually Enter Vehicle

Diagnostic Tool Ready!
J2534
Selected Programming Process: Reprogram

Auto Detect Tool

Java Version: 1.8.0_92 SPS2 Version: 2.8.5.5060 Windows Version: Windows 10

Print Settings

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Product Emission Recall

N212333800 Calibration for Performance Air Intake System



Techline Connect

GM Techline Connect
Version: 1.6.0 Validation

DASHBOARD GDS2 SI SPS2

Support RPO Search Service Manuals

SPS2

Programming

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

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

Print Save to PDF ECU Data

Back Start Programming Cancel

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Service Programming System

Summary

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

Service Programming System

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.

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

Product Emission Recall

N212333800 Calibration for Performance Air Intake System



Chevrolet, GMC, Cadillac SUVs and Buick Envision. Serial Data Message Authentication also needs to have the ignition off.

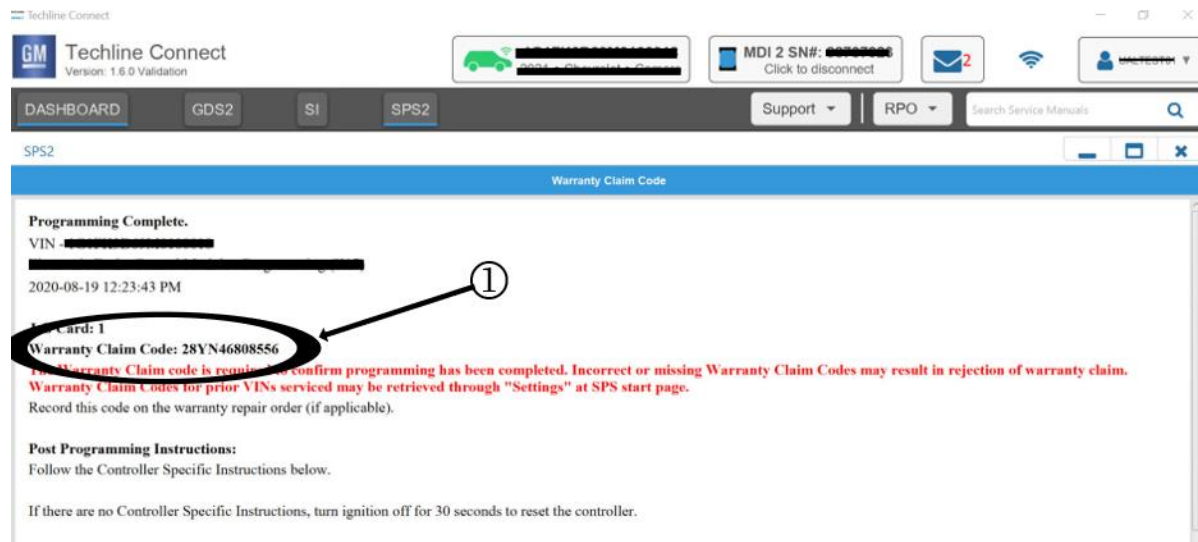


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1. Verify RPO 5W7 or RVK (Camaro) Accessory Air Box Kit has been installed.
 - 1.1. If the air box is installed, continue to step 2.
 - 1.2. If the air box is not installed, contact your local Accessory Distributor and Installer (ADI). Canada dealers are to use the process specified in parts bulletin GMP2019-128R1.

Important: Before programming the ECM, the dealer MUST Contact Techline Customer Support Center 1-800-828-6860 (English) or 1-800-503-3222 (French) to have the Accessory Air Intake (RVK,5W7) calibration applied to the vehicle.

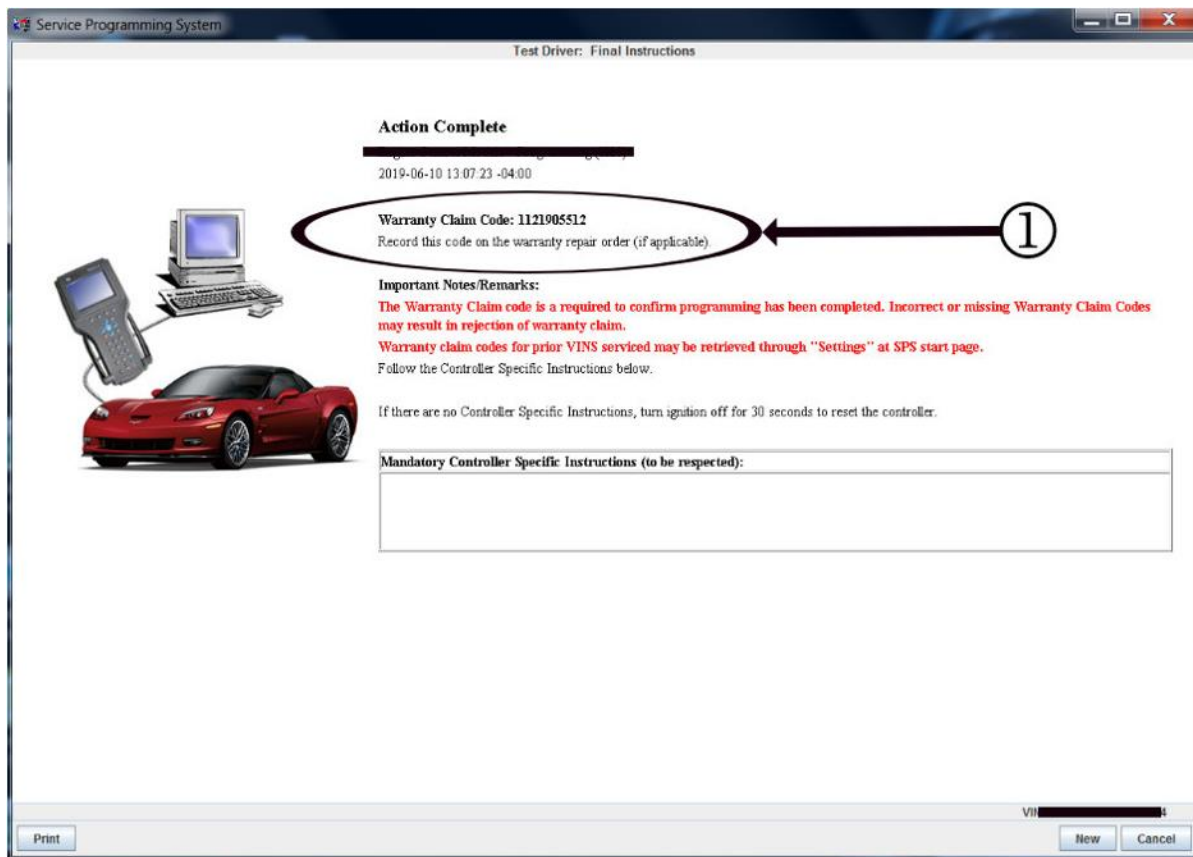
2. Reprogram the Engine Control Module. Refer to *K20 Engine Control Module: Programming and Setup* in SI.



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Product Emission Recall

N212333800 Calibration for Performance Air Intake System



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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.
4. CALIFORNIA VEHICLES ONLY: Complete a "Proof of Correction" certificate and provide to the vehicle owner upon recall completion.

Dealer Responsibility

All new, used, GM Certified Used, courtesy transportation vehicles, dealer shuttle vehicles, etc. in dealers' possession and subject to this recall 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 recall at no charge to customers, regardless of mileage, age of vehicle, or ownership, from this time forward.

Customers who have recently purchased vehicles sold from your vehicle inventory, and for which there is no customer information indicated on the dealer 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. Recall 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 field action enters your vehicle inventory you must take the steps necessary to ensure the program correction has been made before selling the vehicle. In addition, for vehicles entering

Product Emission Recall

N212333800 Calibration for Performance Air Intake System



your facility for service, you are required to ensure the customer is aware of the open field action and make every reasonable effort to implement the program correction as set forth in this bulletin prior to releasing the vehicle.

*****THE FOLLOWING 2 PARAGRAPHS ARE NOT FOR CANADA OR EXPORT*****

When a California emissions recall is completed by a GM dealer, the dealer must provide the vehicle owner a "Proof of Correction Certificate" which the owner may need to present to the California Department Of Motor Vehicles (DMV) when renewing their vehicle registration. Without this correction certificate, the owner may be unable to renew their vehicle registration.

Additional Certificates can be obtained, at no charge, from the 1Store application in GlobalConnect. Request GM Item Number 1825 when ordering.

Dealer Reports

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 recall. 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 recall 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 recall on their vehicle (see copy of customer letter included with this bulletin).

In order to ensure full protection under the emission warranty, and the right to participate in future recalls, the customer notification letter recommends that customers have their vehicles serviced as soon as possible. It also advises that failure to do so could legally be determined to be lack of proper maintenance.

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**

Product Emission Recall

N212333800 Calibration for Performance Air Intake System



July 2021

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

Dear General Motors Customer:

This notice is sent to inform you that General Motors is conducting a voluntary emission recall that includes your vehicle.

Reason for This Recall: Your 2018-2021 Chevrolet Camaro; 2019 Silverado 1500 (New Model) or GMC Sierra 1500 (New Model); 2020-2021 Chevrolet Silverado 1500 or GMC Sierra 1500; 2021 Chevrolet Suburban, Tahoe, GMC Yukon or Yukon XL equipped with a performance air intake system has been certified to meet California and Federal emissions standards and may be releasing air pollutants which exceed these standards. The Engine Control Module (ECM) may not have been programmed with the calibrations appropriate for the performance air intake system installed on the engine in these vehicles.

What Will Be Done: Your GM dealer will reprogram the ECM. This service will be performed for you at **no charge**. Eligibility for this service will not be denied solely due to your Cadillac Escalade or Escalade ESV vehicle having non-GM parts or repairs performed by outlets other than a GM franchised dealer.

How Long Will the Repair Take? Because of service scheduling requirements, it is likely that your dealer will need your vehicle longer than the actual service correction time of approximately 20 minutes.

What You Should Do: Instructions for making this correction have been sent to your dealer. Please ask your dealer if you wish to know how much time will be needed to schedule, process, and repair your vehicle.

If you have any questions or need any assistance, just contact your dealer or the appropriate Customer Assistance Center at the number listed below.

Division	Number	Text Telephones (TTY)
Chevrolet	1-800-630-2438	1-800-833-2438
GMC	1-866-996-9463	1-800-462-8583
Puerto Rico – English	1-800-496-9992	
Puerto Rico – Español	1-800-496-9993	
Virgin Islands	1-800-496-9994	

Emission Law Information: In order to ensure your full protection under the emission warranty made applicable to your vehicle by state and federal law, and your right to participate in future recalls, it is recommended that you have your vehicle serviced as soon as possible. Failure to do so could legally be determined to be lack of proper maintenance of your vehicle. Also, your vehicle may fail a state or local emission inspection if this recall is not accomplished.

IMPORTANT MESSAGE FOR CALIFORNIA RESIDENTS

The California Air Resources Board (CARB) requires vehicle emission recalls be completed prior to California registration renewal. Uncorrected emission recalls will result in the inability to renew your California vehicle registration.

At the time of emission recall completion, your California dealer will issue a "Proof of Correction Certificate". Keep this certificate and, if required, present it to the Department of Motor Vehicles when renewing your California registration as proof of recall completion.

We are sorry to cause you this inconvenience; however, we have taken this action in the interest of your continued satisfaction with our products.

Regina A. Carto
Vice President
Global Product Safety and Systems

Product Emission Recall

N212333800 Calibration for Performance Air Intake System



N212333800

GLOBAL SAFETY FIELD INVESTIGATIONS
DCS5840
URGENT - DISTRIBUTE IMMEDIATELY

Date: June 24, 2021

Subject: N212333800 - Emission Recall
Calibration for Performance Air Intake System

Models: 2018-2021 Chevrolet Camaro
2019 Chevrolet Silverado (New Model)
2020-2021 Chevrolet Silverado 1500
2021 Chevrolet Suburban, Tahoe
2019 GMC Sierra 1500 (New Model)
2020-20215 Chevrolet Silverado 1500
2021 GMC Yukon, Yukon XL
Equipped with Air Filter Accessory - Performance (RPO RVK,5W7)

To: All General Motors Dealers

General Motors is releasing Emission Recall N212333800 today. The total number of U.S. vehicles involved is approximately 16,742. Please see the attached bulletin for details.

Customer Letter Mailing

The customer letter mailing will begin in mid-July 2021.

Global Warranty Management (GWM)

The Required Field Action section on the Investigate Vehicle History (IVH) screen will be updated June 25, 2021 or sooner. A list of involved vehicles in dealer new inventory is attached to this message.

END OF MESSAGE
GLOBAL SAFETY FIELD INVESTIGATIONS