

GLOBAL SAFETY FIELD INVESTIGATIONS  
DCS5356  
URGENT - DISTRIBUTE IMMEDIATELY

Date: March 12, 2020

Subject: N192273630-02 – Product Emission Recall  
Diesel Particulate Filter Regeneration Frequency  
Revised population

Models: 2016 – 2019 Chevrolet Colorado  
2017 – 2019 Chevrolet Cruze  
2018 – 2019 Chevrolet Equinox  
2017 – 2019 Chevrolet Express  
2017 – 2019 Chevrolet Silverado HD  
2016 – 2019 GMC Canyon  
2017 – 2019 GMC Savana  
2017 – 2019 GMC Sierra HD  
2018 – 2019 GMC Terrain

To: All General Motors Dealers

This bulletin was revised to include all remaining vehicles in the population of recall N192273630. Originally launched in Canada only, this bulletin revision now includes 2016 - 2019 Model Year vehicles in the US, Canada and other regions. Certain 2017 - 2018 Model Year Silverado HD and Sierra HD vehicles have been moved to Emission Recall # N192273631. Please discard all previous copies of bulletin N192273630.

END OF MESSAGE  
GLOBAL SAFETY FIELD INVESTIGATIONS

# Product Emission Recall

## N192273630 Diesel Particulate Filter Regeneration Frequency



**Release Date:** March 2020

**Revision:** 02

**Revision Description:** This bulletin was revised to include all remaining vehicles in the population of recall N192273630. Originally launched in Canada only, this bulletin revision now includes 2016 - 2019 Model Year vehicles in the US, Canada and other regions. Certain 2017 - 2018 Model Year Silverado HD and Sierra HD vehicles have been moved to Emission Recall # N192273631. Please discard all previous copies of bulletin N192273630.

**Attention: (The next 2 paragraphs apply only to Canadian Vehicles.)**

Vehicles involved in this recall were placed on stop delivery November 14, 2019. Once the service procedure contained in this bulletin has been performed on the vehicle, the vehicle is released from stop delivery and the vehicle can be delivered to the customer. **(Canada Only)**

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. **(Canada Only)**

It is a violation of Federal law for a dealer to deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by this notification under a sale or lease until the defect or noncompliance is remedied.

**For K2xx trucks built in MY18, it is necessary to select sequenced ECM/TCM programming. The TCM calibration portion will skip on these trucks, and so the labor time reflects that the ECM is the only module being programmed.**

Make	Model	Model Year		RPO	Description
		From	To		
Chevrolet	Colorado	2016	2019		
	Cruze	2017	2019		
	Equinox	2018	2019		
	Express	2017	2019		
	Silverado HD	2017	2019		
GMC	Canyon	2016	2019		
	Savana	2017	2019		
	Sierra HD	2017	2019		
	Terrain	2018	2019		

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.

<b>Condition</b>	General Motors has decided to conduct a voluntary emissions recall involving certain 2016-2019 model year diesel engine vehicles. The engine control module (ECM) in these vehicles may not adequately diagnose or illuminate the malfunction indicator lamp (Check Engine Light) when frequent regeneration of the diesel particulate filter (DPF) occurs.
<b>Correction</b>	Dealers are to program the engine control module (ECM) with corrected software.

### Parts

No parts are required for this repair.

### Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9104655*	Engine Control Module Reprogramming with SPS Add: Relearn ambient air temperature sensor (LWN engine vehicles only)	0.3 0.2	ZFAT	N/A
9104802*	Verified Module Software or Calibration Level: Module Is Programmed with Same Level Software or Calibration	0.2		
9104910	Floor Plan Reimbursement (Canada Only)	N/A		**
9104983	Working Capital Assistance Program Reimbursement – USED INVENTORY ONLY (Canada Only)	N/A		***

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

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- The SPS Warranty Claim Code must be accurately entered in the “SPS 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 “SPS Warranty Claim Code” field of the transaction, otherwise the transaction will reject. It is best practice to enter the FINAL code provided by SPS.

### Warranty Claim Code Information Retrieval

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

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

### Floor Plan Reimbursement – NEW CANADIAN INVENTORY ONLY

**Note:** To avoid having to “H” route the floor plan transaction for approval, it must be submitted prior to the repair transaction.

\*\* **Canada Only** - Vehicles eligible for floor plan reimbursement are to submit the amount in “Net Item” and should represent the product of the vehicle’s average daily interest rate (see table below) multiplied by the actual number of days the vehicle was in dealer inventory and not available for sale. This reimbursement, for 2019 Colorado, Cruze, Equinox, Silverado, Canyon, Sierra, and Terrain vehicles is limited to the number of days from the date of the stop delivery message (November 14, 2019) to the date the repair was able to be completed and the vehicle was ready for sale (not to exceed 35 days):

The reimbursement for 2019 Chevrolet Express and GMC Savana vehicles is limited to the number of days from the date of the stop delivery message (November 14, 2019) to the date the repair is able to be completed and the vehicle is ready for sale (not to exceed 95 days):

Vehicle	Reimbursement Amount	Maximum Days Allowed to Claim
	Canada	
2019 Colorado	\$6.71	35
2019 Cruze	\$4.01	35
2019 Equinox	\$5.41	35
2019 Silverado HD	\$10.67	35
2019 Canyon	\$6.77	35
2019 Sierra HD Crew	\$11.05	35
2019 Terrain	\$5.47	35
2019 Chevrolet Express	\$6.26	95
2019 GMC Savana	\$6.34	95

### Working Capital Assistance Program (WCAP) Reimbursement – USED CANADIAN INVENTORY ONLY

**Note:** To avoid having to “H” route the WCAP transaction for approval, it must be submitted prior to the repair transaction.

**Important:** The WCAP ZSET transaction labor code, 9800047, provided in the dealer message sent on January 30, 2020, must have been submitted prior to the submittal of the ZFAT transaction labor code or the claim will reject.

\*\*\* **Canada Dealers Only** - For vehicles eligible under the Working Capital Assistance Program, the amount should be submitted in Net Item/Miscellaneous. This amount has been calculated to a daily value for the days that the vehicle was in used dealer inventory and not available for sale. This reimbursement is limited to the number of days from the date of the stop sale/stop delivery order (November 14, 2019) to the date the inspection or repair closed the recall bulletin.

**FOR 2019 MODEL YEAR (EXCLUDING 2019 SAVANA/EXPRESS):** This reimbursement is limited to the number of days from the date of the stop sale/stop delivery order (November 14, 2019) to the date the inspection or repair closed the recall bulletin. (not to exceed 35 days).

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**FOR 2019 MODEL YEAR SAVANA/EXPRESS AND ALL 2018 MODEL YEAR VEHICLES:** This reimbursement is limited to the number of days from the date of the stop sale/stop delivery order (November 14, 2019) to the date the inspection or repair closed the recall bulletin. (not to exceed 95 days).

**FOR 2016-2017 MODEL YEAR VEHICLES:** This reimbursement is limited to the number of days from the date of the stop sale/stop delivery order (November 14, 2019) to the date the inspection or repair closed the recall bulletin. (not to exceed 122 days).

Vehicle	Working Capital Assistance Reimbursement Amount – Canada Only
2019 Colorado	\$16.48
2019 Cruze	\$7.50
2019 Equinox	\$12.31
2019 Express	\$16.77
2019 Silverado	\$25.60
2019 Canyon	\$16.31
2019 Savana	\$16.10
2019 Sierra	\$26.27
2019 Terrain	\$13.60
2018 Colorado	\$15.31
2018 Cruze	\$7.50
2018 Equinox	\$11.08
2018 Express	\$14.79
2018 Silverado	\$23.60
2018 Canyon	\$14.69
2018 Savana	\$14.40
2018 Sierra	\$24.60
2018 Terrain	\$12.83
2017 Colorado	\$14.35
2017 Cruze	\$6.08
2017 Express	\$12.81
2017 Silverado	\$21.48
2017 Canyon	\$13.19
2017 Savana	\$12.56
2017 Sierra	\$22.73
2016 Colorado	\$10.60
2016 Canyon	\$10.29

### 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.

**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](http://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.
- Turn OFF or disable systems that may put a load on the vehicles battery such as; interior lights, exterior lights (including daytime running lights), HVAC, radio, etc.

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- Clear DTCs after programming is complete. Clearing powertrain DTCs will set the Inspection/Maintenance (I/M) system status indicators to NO.

The screenshot shows the Service Programming System (SPS) Summary screen for the Brake System Control Module. The main window displays a table of programming items with columns for Controller, Id, Current #, Selected #, and Description. A dialog box is overlaid on the screen with the following text:

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

Below the table, there is a section for Vehicle Data with columns for Attribute and Value. At the bottom right, the VIN is displayed as 3GTU9DET7LG100114. There are buttons for Print, < Back, Next >, and Cancel.

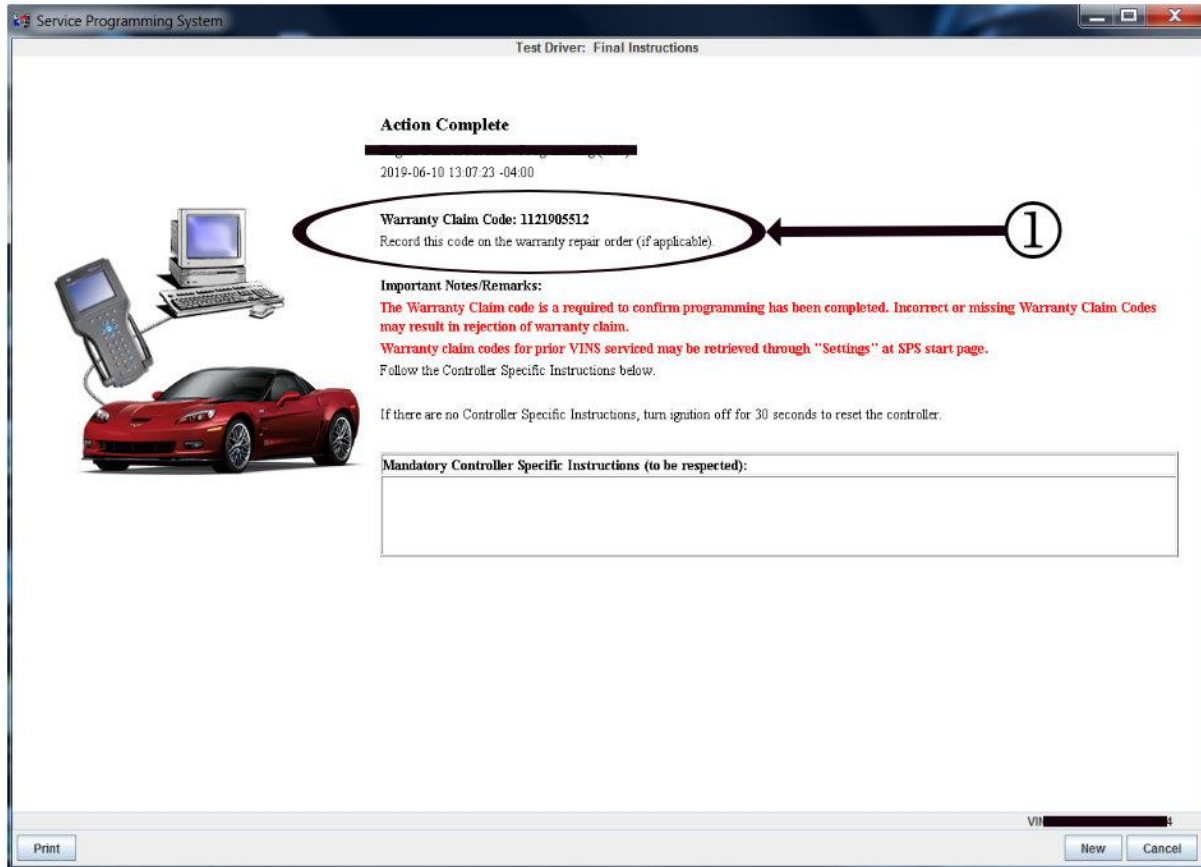
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**Note:** If the Same Calibration/Software Warning is noted on the SPS screen, select OK and follow screen instructions. After a successful programming event, the WCC is located in the Service Programming System dialogue box of the SPS Summary screen. No further action is required. Refer to the Warranty section of the bulletin.

1. Reprogram the Engine Control Module. Refer to *K20 Engine Control Module: Programming and Setup* in SI.
  - For K2xx trucks built in MY17 or MY18, it is necessary to select sequenced ECM/TCM programming. The TCM calibration portion will skip on these trucks, and so the labor time reflects that the ECM is the only module being programmed.

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**Note:** To avoid warranty transaction rejections, you **MUST** record the warranty claim code provided on the SPS Warranty Claim Code (WCC) screen on the job card. Refer to callout 1 above for the location of the WCC on the SPS screen.

2. Perform the Ambient Air Temperature Calculation Reset if necessary. Refer to *Ambient Air Temperature Calculation Reset* in SI.
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

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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 with involved vehicles has been prepared and will be provided to U.S. and Canadian dealers through the GM GlobalConnect Recall Reports, or sent directly to export dealers. The listing may contain customer names and addresses obtained 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 is a violation of law in several states/provinces/countries. Accordingly, you are urged to limit the use of this report to the follow-up necessary to complete this recall.

### 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. The vehicle may fail a state or local emission inspection test if the recall work is not completed.

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.

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. The vehicle may fail a state or local emission inspection test if the recall work is not completed.

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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**



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March 2020

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 2016 - 2019 model year Chevrolet or GMC vehicle, equipped with a diesel engine, may be equipped with an improperly functioning on-board emission-related diagnostic system that violates California and Federal standards and regulations. **The engine control module (ECM) in these vehicles may not adequately diagnose or illuminate the malfunction indicator lamp (Check Engine Light) when frequent regeneration of the diesel particulate filter (DPF) occurs.**

**What Will Be Done:** Your GM dealer will reprogram the engine control module (ECM) with corrected software. This service will be performed for you at **no charge**. Eligibility for this service will not be denied solely due to your 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 35 minutes.

**What You Should Do:** Please contact your GM dealer as soon as possible to arrange a service date. 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.

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### 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.

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

Maryann L. Combs  
Vice President  
Global Vehicle Safety

N192273630