

GLOBAL SAFETY FIELD INVESTIGATIONS
DCS6760
URGENT - DISTRIBUTE IMMEDIATELY

Date: January 4, 2024

Subject: N232427950 - Emission Recall
Fuel Injector Flow Rate

Models: 2023 Chevrolet Colorado
2023 Chevrolet Silverado 1500
2023 GMC Canyon
2023 GMC Sierra 1500
Equipped with a 2.7L Engine (RPO L3B or L2R)

To: All General Motors Dealers

General Motors is releasing Emission Recall N232427950 today. The total number of U.S. vehicles involved is approximately 232. Please see the attached bulletin for details.

Customer Letter Mailing

The customer letter mailing will begin on January 19, 2024.

Global Warranty Management (GWM)

The Required Field Action section on the Investigate Vehicle History (IVH) screen will be updated January 4, 2024. A Stock VIN list is not included as our records show there are no vehicles in dealer new inventory.

END OF MESSAGE

GLOBAL SAFETY FIELD INVESTIGATIONS

Emission Recall

N232427950 Fuel Injector Flow Rate



Release Date: January 2024

Revision: 00

Attention: Vehicles involved in this recall were placed on stop delivery November 22, 2023, in Canada only. 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.

All involved vehicles in the US and Canada 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	Colorado	2023	2023	L3B or L2R	ENGINE-GAS, 4 CYL, L4, 2.7L, SIDI, VVT or ENGINE-GAS, 4 CYL, L4, 2.7L, DI
	Silverado 1500				
GMC	Canyon				
	Sierra 1500				

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 Emission Recall involving certain 2023 model year Chevrolet Silverado 1500/Colorado and GMC Sierra 1500/Canyon vehicles with a 2.7L engine. Under certain driving conditions, due to differences in flow rate characteristics, the fuel injectors may not be able to properly optimize engine fueling for emissions purposes.
Correction	Dealers will replace the engine's four fuel injectors.

Parts

Quantity	Part Name	Part No.
4	INJECTOR ASM-DIR FUEL	12733960*
4	GASKET-INT MANIF	12663540
1	SEAL-C/CASE VENT PASG	12667009
1	SEAL-ENG COOL FLOW CONT VLV	12666026
1	PIPE ASM-FUEL FEED INTER	12663312
As Required (Maximum 6 gallons)	COOLANT	12346290 (US) 10953464 (CA) Obtain locally in compliance with GM spec GMW3420 for Dexcool concentrate and GM Spec GMW18270 for premix 50/50 Dexcool.

***These fuel injectors are supplied in sets of four with matched flow rate characteristics.**

It is estimated that there are only 272 involved vehicles that will require parts being replaced. **Due to the small number of vehicles anticipated that will need this repair and the limited initial parts availability, dealers are encouraged not to order these parts for use as shelf stock.**

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

Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9107087	Fuel Injector Replacement Colorado/Canyon Silverado/Sierra	4.3 2.9	ZFAT	N/A
9107112	Floor Plan Reimbursement – NEW INVENTORY ONLY	N/A	ZFAT	*
9107113	Working Capital Assistance Program Reimbursement – USED INVENTORY ONLY	N/A	ZFAT	**

Note: USA & Canada Only - To avoid having to "H" route the floor plan / WCAP transaction for approval, it must be submitted prior to the repair transaction.

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Floor Plan Reimbursement – NEW INVENTORY ONLY

* **USA & Canada Dealers Only** – For vehicles eligible for floor plan reimbursement, the amount should be submitted in Net Item/Miscellaneous. This amount 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 is limited to the number of days from the date of the stop delivery message (November 22, 2023) to the date the repair is completed, and the vehicle is ready for sale (not to exceed 47 days).

Vehicle	Floor Plan Reimbursement Amount	
	USA	Canada
2023 Chevrolet Silverado 1500	N/A	\$11.10
2023 GMC Canyon	N/A	\$9.20

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

Note: USA & Canada Only - 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, 9800121, provided in the dealer message sent on December 6, 2023 (Canada), must have been submitted prior to the submittal of the ZFAT transaction labor code or the claim will reject.

** **USA & 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 22, 2023) to the date the inspection or repair closed the recall bulletin (not to exceed 47 days).

Vehicle	Working Capital Assistance Program Reimbursement Amount	
	USA	Canada
2023 Chevrolet Colorado	N/A	\$17.80
2023 Chevrolet Silverado 1500	N/A	\$26.35
2023 GMC Canyon	N/A	\$20.07
2023 GMC Sierra 1500	N/A	\$28.30

Service Procedure

1. Replace the fuel injectors. Refer to *Fuel Injector Replacement* in SI.
2. CALIFORNIA, COLORADO, CONNECTICUT, DELAWARE, MAINE, MARYLAND, MASSACHUSETTS, NEW JERSEY, NEW YORK, OREGON, RHODE ISLAND, VERMONT, WASHINGTON VEHICLES ONLY: Install a Recall Identification Label upon recall completion. See General Motors Service Policies and Procedures Manual, Recall Identification Label, for details.
3. CALIFORNIA VEHICLES ONLY: Complete a “Proof of Correction” certificate and provide to the vehicle owner upon recall completion. For the recall number on the “Proof of Correction” certificate, enter only the six digits in characters 4-9 of this recall bulletin number: 242795.

Dealer Responsibility

All new, used, GM Certified Pre-Owned (CPO), courtesy transportation vehicles, dealer shuttle vehicles, CarBravo, 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 Pre-Owned (CPO) vehicles currently in the dealers’ inventory within the SHIFT Digital system 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 SHIFT Digital system, or once again be used in the Courtesy Transportation 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.

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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 recall 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 your facility for service, you are required to ensure the customer is aware of the open recall 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 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 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. 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.

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**

Emission Recall

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January 2024

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 2023 model year Chevrolet Colorado, Chevrolet Silverado 1500, GMC Canyon, or GMC Sierra 1500 vehicle, equipped with a 2.7 Liter, 4 Cylinder engine, has been certified to meet California and Federal emissions standards and may be releasing air pollutants which exceed these standards. Under certain driving conditions, due to differences in flow rate characteristics, the fuel injectors may not be able to properly optimize engine fueling for emissions purposes.

What Will Be Done: Your GM dealer will replace the engine's four fuel injectors. This service will be performed for you at **no charge**. Eligibility for this service will not be denied solely due to your 2023 model year Chevrolet Colorado, Chevrolet Silverado 1500, GMC Canyon, or GMC Sierra 1500 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 4 hours and 25 minutes.

What You Should Do: Please contact your GM dealer as soon as possible to arrange a service date and to assure parts availability. 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.

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	

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.

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Regina A. Carto
Vice President
Global Product Safety and Systems

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