

# Safety Recall

## N232431480 Front Wheel Hub Bolts May Fracture



**Release Date:** April 2024

**Revision:** 01

**Revision Description:** This bulletin is being revised to add the customer letter. Please discard all previous copies of N232431480.

**Attention:** 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.

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	Colorado	2023	2023		
GMC	Canyon				

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 that a defect which relates to motor vehicle safety may exist in certain 2023 model year Chevrolet Colorado and GMC Canyon vehicles. These vehicles may contain one or more front wheel hub bolts that were over-torqued and potentially damaged during installation. These bolts may be deformed and may loosen over time. If a bolt breaks during vehicle operation, this could place excessive load on the remaining bolts and lead to partial loss of vehicle control, increasing the risk of a crash.
<b>Correction</b>	Dealers will replace left and right front wheel hub bolts.

### Parts

Quantity	Part Name	Part No.
8	BOLT, FRT WHL HUB	WPC885

Parts required to complete this recall are **NOT** to be obtained from General Motors Customer Care and Aftersales (GMCC&A). The Front Wheel Hub Bolts can be obtained from the Warranty Parts Center (WPC) using the TSP Dealer Request Form located on Global Connect<Service Department<Service Forms Application<General Information tab<TSP Dealer Request Form. Instructions for submitting are on the form. The part numbers are in the table above.

Please make sure to include the VIN as the WPC will be doing a VIN verification. It is estimated that there are only 17 involved vehicles that will require parts being replaced. If your VIN isn't on this Recall then your order will be cancelled.

### Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9107305	Replace Both Front Left and Front Right Hand Wheel Hub Fasteners	0.8	ZFAT	N/A

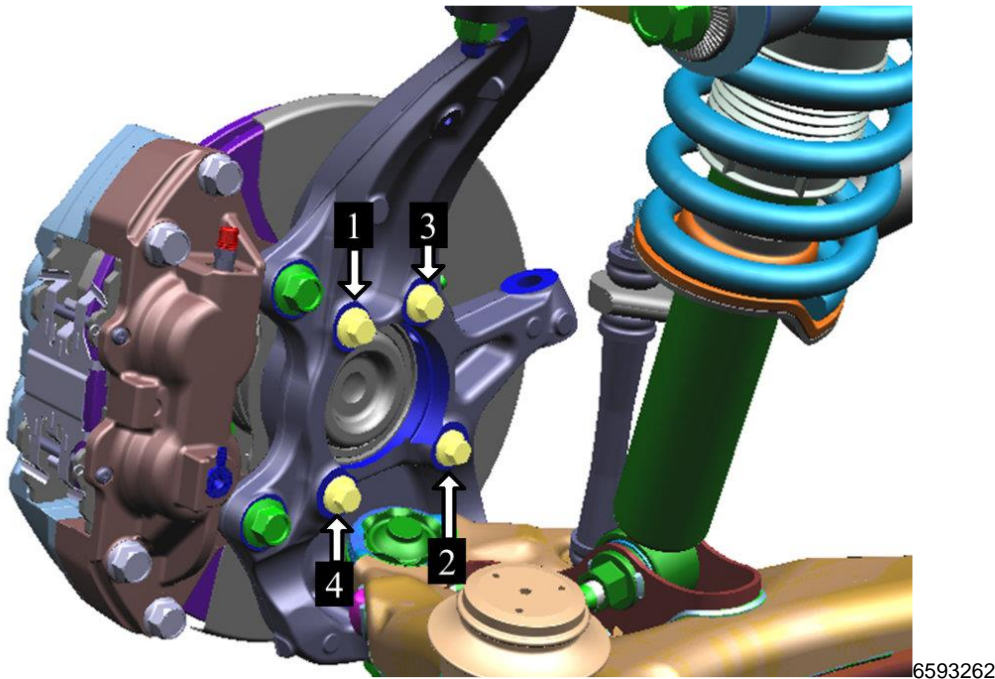
### Service Procedure

1. Raise and support vehicle. Refer to *Lifting and Jacking the Vehicle* in SI.

**Note:** Disassembly of any additional components should NOT be necessary for this procedure (ie: brake caliper, front wheel drive shaft, etc).

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**Note:** Some components not shown for visual clarity.

**Note:** Left side shown, right hand similar.

**Important:** Remove and replace the Front Wheel Hub Fasteners one at a time.

2. One bolt at a time, remove each Front Right Hand Side Wheel Hub Fastener and replace with NEW Front Wheel Hub Fastener hand tight.

**Caution:** This vehicle is equipped with torque-to-yield or single use fasteners. Install a NEW torque-to-yield or single use fastener when installing this component. Failure to replace the torque-to-yield or single use fastener could cause damage to the vehicle or component.

**Note:** Torque each fastener in sequence as the graphic above illustrates.

3. Tighten in sequence as illustrated in the above each Front Right Hand Side Wheel Hub Fastener to **130Nm (96 lb ft)** then torque each Fastener in sequence as illustrated in the above an additional **90-105 degrees**.
4. Repeat Steps 2 and 3 for the Left Hand Side Front Wheel Hub Fasteners.
5. Lower the vehicle. Refer to *Lifting and Jacking the Vehicle* in SI.

**Dealer Responsibility** – For USA & Export (USA States, Territories, and Possessions)

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.

The US National Traffic and Motor Vehicle Safety Act provides that each vehicle that is subject to a recall of this type must be adequately repaired within a reasonable time after the customer has tendered it for repair. A failure to repair within sixty days after tender of a vehicle is prima facie evidence of failure to repair within a reasonable time. If the condition is not adequately repaired within a reasonable time, the customer may be entitled to an identical or reasonably equivalent vehicle at no charge or to a refund of the purchase price less a reasonable allowance for depreciation. To avoid having to provide these burdensome remedies, every effort must be made to promptly schedule an appointment with each customer and to repair their vehicle as soon as possible. In the recall notification letters, customers are told how to contact the US National Highway Traffic Safety Administration if the recall is not completed within a reasonable time.

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### Dealer Responsibility – All

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.

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. 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.

### 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.

Export - Letters will be sent to known owners of record located within areas covered by the US National Traffic and Motor Vehicle Safety Act.

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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**



# IMPORTANT SAFETY RECALL

April 2024

This notice applies to your vehicle, **VIN:** \_\_\_\_\_

Dear General Motors Customer:

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

General Motors has decided that a defect, which relates to motor vehicle safety, exists in certain 2023 model year Chevrolet Colorado and GMC Canyon vehicles. As a result, GM is conducting a safety recall. We apologize for this inconvenience. However, we are concerned about your safety and continued satisfaction with our products.

## IMPORTANT

- Your vehicle is involved in GM recall N232431480.
- Schedule an appointment with your GM dealer.
- This service will be performed for you at **no charge**.

### Why is your vehicle being recalled?

These vehicles may contain one or more front wheel hub bolts that were over-torqued and potentially damaged during installation. These bolts may be deformed and may loosen over time. If a bolt breaks during vehicle operation, this could place excessive load on the remaining bolts and lead to partial loss of vehicle control, increasing the risk of a crash.

### What will we do?

Your GM dealer will replace left and right front wheel hub bolts. This service will be performed for you at **no charge**. Because of service scheduling requirements, it is likely that your dealer will need your vehicle longer than the actual service correction time of approximately 55 minutes.

### What should you do?

You should contact your GM dealer to arrange a service appointment as soon as possible.

### Do you have questions?

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	

If after contacting your dealer and the Customer Assistance Center, you are still not satisfied we have done our best to remedy this condition without charge and within a reasonable time, you may wish to write the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE, Washington, DC 20590, or call the toll-free Vehicle Safety Hotline at 1.888.327.4236 (TTY 1.800.424.9153), or go to <http://www.nhtsa.gov>. The National Highway Traffic Safety Administration Campaign ID Number for this recall is 24V237.

Federal regulation requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

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