

Product Safety Recall

N222377890 Seat Height-Adjust Pivot Bolt May Be Loose



Release Date: October 2022 **Revision:** 01
Revision Description: This bulletin has an updated service procedure, and the customer letter has been added. Please discard all previous copies of bulletin N222377890.

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.

Make	Model	Model Year		RPO	Description
		From	To		
Chevrolet	Equinox	2022	2023		
GMC	Terrain	2022	2022		

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 that a defect which relates to motor vehicle safety exists in certain 2022 – 2023 model year Chevrolet Equinox and 2022 model year GMC Terrain vehicles equipped with power driver seats that are not equipped with memory function. The driver seats in these vehicles may have a stripped or loose bolt at the seat frame height-adjust pivot. If the seat frame height-adjust pivot bolt comes out of the pivot joint, the seat structure may have reduced ability to restrain the occupant in a crash, increasing the risk of injury.
Correction	Dealers will inspect driver seats and replace seat cushion frames if necessary.

Parts

Quantity	Part Name	Part No.
1	Front Seat Cushion Frame	13525388

It is estimated that a very small percentage of the involved vehicles will fail the inspection and require part replacement.

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

Warranty Information

Labor Operation	Description	Labor Time	Trans. Type	Net Item
9106479	Inspect Only – Vehicle Passed Inspection (No Further Action Required)	0.3	ZFAT	N/A
9106484	Front Seat Cushion Frame Replacement (includes inspection)	2.0		

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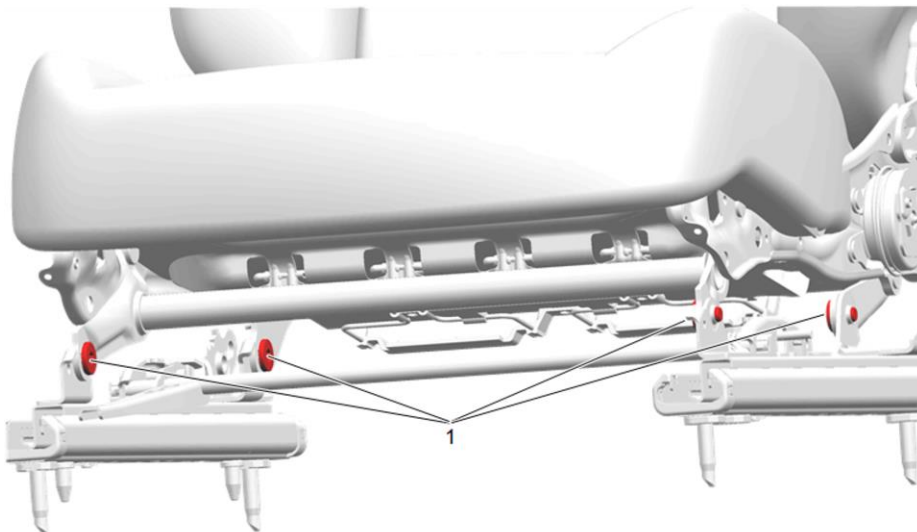


Service Procedure



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1. Adjust the driver's seat to the highest upward and most rearward position, as shown above.

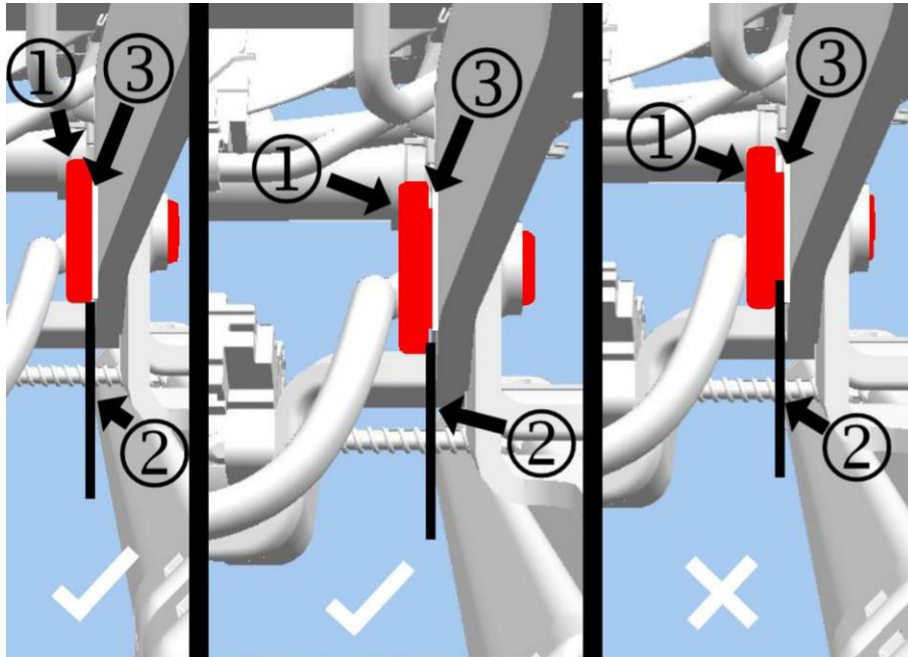


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2. Locate the four Front Seat Vertical Adjuster Bracket Bolts (1), shown above.
 - If all four bolts are in place, proceed to step 3.
 - If any of the four bolts are missing replace the Front Seat Cushion Frame. Refer to *Front Seat Cushion Frame Replacement* in SI. Proceed to step 6.

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Note: The gap is considered good if the feeler gauge can fit as shown in the center image of the graphic above but cannot go in far enough to touch the shaft of the bolt. The feeler may touch the outside diameter of the bushing, as shown in the center image of the graphic above but should not pass between the head of the bolt and the bushing flange, touching the shaft of the bolt as shown in the right image of the graphic above.

3. On all four bolts, check the gap between the Front Seat Vertical Adjuster Bracket Bolts (1) and the Front Seat Cushion Frame Bushing (3) using a 0.25 mm (0.010 inch) feeler gauge (2) as shown above.
 - If the gap is less than 0.25 mm (0.010 Inch) on all four bolts, shown in the left and center image of the graphic above, proceed to step 5.
 - If the gap is 0.25 mm (0.010 Inch) or more on any of the four bolts, shown in the right image of the graphic above, proceed to step 4.
4. Inspect the failed bolts for cross threading.
 - If no cross threading is found, proceed to step 5.
 - If cross threading is found, replace the Front Seat Cushion Frame. Refer to *Front Seat Cushion Frame Replacement* in SI. Proceed to step 6.

Caution: Minimize torque over-shoot. Too high of torque can strip the threads of a good bolt.

5. Torque all four bolts to 39 Nm (20 lb ft).
 - If all four bolts achieve torque, proceed to step 6.
 - If any of the four bolts do not achieve torque, replace the Front Seat Cushion Frame. Refer to *Front Seat Cushion Frame Replacement* in SI. Proceed to step 6.
6. Return the seat to the original location.

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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.

Dealer Responsibility – All

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. 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 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.

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.

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Customer Notification

USA & Canada - General Motors will notify customers of this recall on their vehicle (see copy of customer letter included with this bulletin).

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.

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

October 2022

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 2022 – 2023 model year Chevrolet Equinox and 2022 model year GMC Terrain vehicles equipped with power driver seats that are not equipped with memory function. 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 safety recall N222377890.
- Schedule an appointment with your GM dealer.
- This service will be performed for you at **no charge**.

Why is your vehicle being recalled?

The driver seats in these vehicles may have a stripped or loose bolt at the seat frame height-adjust pivot. If the seat frame height-adjust pivot bolt comes out of the pivot joint, the seat structure may have reduced ability to restrain the occupant in a crash, increasing the risk of injury.

What will we do?

Your GM dealer will inspect driver seats and replace seat cushion frames if necessary. 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 inspection and service correction time of approximately 2 hours and 5 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
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 22V724.

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

Regina A. Carto
Vice President
Global Product Safety and Systems