

# Part 573 Safety Recall Report

# 22V-929

**Manufacturer Name :** General Motors, LLC**Submission Date :** DEC 15, 2022**NHTSA Recall No. :** 22V-929**Manufacturer Recall No. :** N222388911**Manufacturer Information :****Population :**

Manufacturer Name : General Motors, LLC

Number of potentially involved : 9

Address : 29427 Louis Chevrolet Road  
MAIL CODE 480-210-2V WARREN MI  
48093

Estimated percentage with defect : 100 %

Company phone : 586-596-1733

**Vehicle Information :**

Vehicle 1 : 2023-2023 Chevrolet Equinox

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records, supplier calibration data, and part trace data were used to determine the affected population.

This recall only affects vehicles equipped with ventilated front passenger seats (RPO KU3), available only on the Premier trim line. Vehicles equipped with other passenger seats are not affected by this recall. Vehicles produced with seats from outside of the supplier's suspect window and vehicles addressed prior to shipment from GM's assembly plant are not included in this recall.

There are 4 Chevrolet Equinox vehicles involved in this recall.

Production Dates : OCT 22, 2022 - OCT 25, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2023-2023 GMC Terrain

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Manufacturing records, supplier calibration data, and part trace data were used to determine the affected population.

This recall only affects vehicles equipped with ventilated front passenger seats (RPO KU3), available only on the Denali trim line. Vehicles equipped with other passenger seats are not affected by this recall. Vehicles produced with seats from outside of the supplier's suspect window and vehicles addressed prior to shipment from GM's assembly plant are not included in this recall.

There are 5 GMC Terrain vehicles involved in this recall.

Production Dates : OCT 22, 2022 - OCT 25, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

**Description of the Defect :** General Motors has decided that a defect which relates to motor vehicle safety exists in a small number of 2023 model year Chevrolet Equinox and GMC Terrain vehicles equipped with ventilated front seats. An Occupant Classification System (the "sensing system") in these vehicles is designed to disable the front passenger airbag if a small child or child restraint is detected in the seat. The vent assemblies in these seats may be missing certain foam spacers, which under certain conditions may cause the sensing system not to properly disable the airbag.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** If the sensing system is not able to properly identify an occupant in the front passenger seat, the airbag may deploy in a crash when the occupant protection strategy was to disable the airbag, increasing the risk of injury.

**Description of the Cause :** The seat-vent assembly supplier shipped the assemblies without the foam spacers installed.

**Identification of Any Warning that can Occur :** NR

## Involved Components :

Component Name 1 : MAT ASM-F/SEAT VENT FAN

Component Description : Front Passenger Seat Vent Assembly

Component Part Number : 84382695

## Supplier Identification :

### Component Manufacturer

Name : Lear Corporation

Address : Avenida Prolongacion, Arrollos 105  
San Luis Potosi Foreign States 78395

Country : Mexico

## Chronology :

GM opened a formal investigation on November 4, 2022 after GM's "tier 1" seat assembly supplier notified GM that the supplier had discovered ventilated passenger seats with spacer foam missing in the seat vent assembly, and that seats without these spacers may have been shipped to GM's assembly plant.

GM's investigator met with both the seat supplier and the "tier 2" seat-vent supplier, as well as GM technical experts, to evaluate whether suspect seats had been shipped to GM, and the potential effect of missing spacers on performance of the front-passenger-airbag Occupant Classification System. Based on this analysis, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a safety recall on December 8, 2022. GM is not aware of any field incidents related to this condition.

## Description of Remedy :

Description of Remedy Program : Dealers will replace the passenger presence system which includes the ventilation assembly.

Pursuant to 49 C.F.R. § 573.13(d)(1), all covered vehicles are under warranty, so reimbursement is not offered.

How Remedy Component Differs from Recalled Component : Replacement systems have ventilation assemblies that include the foam spacers.

Identify How/When Recall Condition was Corrected in Production : On discovery, GM's supplier initiated containment efforts on October 21, 2022. As of November 8, 2022, GM production and supply chain had been contained. GM's tier 1 supplier revised their process to inspect for the foam on October 26, 2022. The tier 2 supplier instituted a vision detection system on November 11, 2022

**Recall Schedule :**

Description of Recall Schedule : Dealers will be notified on December 15, 2022. Owner notification is estimated to begin on January 30, 2023.

Planned Dealer Notification Date : DEC 15, 2022 - DEC 15, 2022

Planned Owner Notification Date : JAN 30, 2023 - JAN 30, 2023

\* NR - Not Reported