

Part 573 Safety Recall Report

23V-013

Manufacturer Name : General Motors, LLC**Submission Date :** FEB 22, 2023**NHTSA Recall No. :** 23V-013**Manufacturer Recall No. :** N222372310**Manufacturer Information :**

Manufacturer Name : General Motors, LLC

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

Company phone : 586-596-1733

Population :

Number of potentially involved : 23,164

Estimated percentage with defect : 5 %

Vehicle Information :

Vehicle 1 : 2022-2022 GMC Terrain

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : GM manufacturing records and supplier part trace data were used to determine the recall population.

There are 7,141 GMC Terrain vehicles affected by this recall.

Production Dates : JUN 22, 2021 - FEB 01, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2022 Chevrolet Equinox

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : GM manufacturing records and supplier part trace data were used to determine the recall population.

There are 16,023 Chevrolet Equinox vehicles affected by this recall.

Production Dates : JUN 02, 2021 - DEC 15, 2021

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 certain 2021-2022 model year Chevrolet Equinox and 2022 model year GMC Terrain vehicles. These vehicles have a condition in which the fuel pump module may not consistently provide sufficient fuel to the engine. If the engine does not receive adequate fuel, the vehicle may stall.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A vehicle stall could increase the risk of a crash.

Description of the Cause : During a specific production period between May 2, 2021, and June 1, 2021, a tier-two supplier implemented an unauthorized change to the fuel pump in the manufacturing process which decreased the pump section clearances resulting in the potential for insufficient fuel flow to the engine.

Identification of Any Warning that can Occur : Drivers may see a check engine light or experience engine hesitation. The vehicle may not start.

Involved Components :

Component Name 1 : MODULE ASM-F/TNK F/PMP

Component Description : Fuel Pump & Sender - Module/Assembly

Component Part Number : 84997189, 84997195

Supplier Identification :**Component Manufacturer**

Name : Coavis USA

Address : 150 Kirts Blvd Ste A
Troy Michigan 48084

Country : United States

Chronology :

On August 23, 2022, GM opened an investigation based on a high rate of warranty returns for the fuel tank pump on 2021-2022 model year Equinox and Terrain vehicles. GM's investigation analyzed field data and field-returned components and conducted an inspection of the tier two supplier's facility and manufacturing processes.

On December 20, 2022, the tier two supplier informed GM that its manufacturing team made an unauthorized change in the fuel tank pump rolling force on May 2, 2021, but that this error was discovered and corrected by the supplier's engineering team on June 1, 2021.

GM conducted an analysis of field data relating to claims GM received between May 22, 2021, and December 15, 2022, and identified 710 stall events potentially related to the recall condition. GM has not identified any relevant crashes attributable to this condition.

On January 12, 2023, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program : Dealers will replace the vehicles' fuel pump module.

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 fuel pump modules were produced outside of the supplier's suspect window.

Identify How/When Recall Condition was Corrected in Production : All suspect fuel pump modules have been used in vehicle production or service. While the supplier identified and corrected the defective condition by June 1, 2021, GM was not made aware of the recall condition -- or its correction -- until December 20, 2022.

Recall Schedule :

Description of Recall Schedule : Dealer will be notified on January 19, 2023. Interim owner notification is estimated to begin March 10, 2023. Owner notification of an available remedy is estimated to begin on May 17, 2023.

Planned Dealer Notification Date : JAN 19, 2023 - JAN 19, 2023

Planned Owner Notification Date : MAY 17, 2023 - MAY 17, 2023

* NR - Not Reported