

Part 573 Safety Recall Report

22V-446

Manufacturer Name : General Motors, LLC**Submission Date :** JUN 23, 2022**NHTSA Recall No. :** 22V-446**Manufacturer Recall No. :** N222366070**Manufacturer Information :****Population :**

Manufacturer Name : General Motors, LLC

Number of potentially involved : 228

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

Estimated percentage with defect : 4 %

Company phone : 586-596-1733

Vehicle Information :

Vehicle 1 : 2022-2022 Cadillac XT6

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine the affected population.

This recall involves only all-wheel drive (AWD) models. Front-wheel drive (FWD) models are not affected. Vehicles produced with fuel tanks outside of GM's suspect window and vehicles addressed prior to shipment are not included in this recall.

There are 29 Cadillac XT6 vehicles included in this recall.

Production Dates : MAR 16, 2022 - MAR 21, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2022-2022 GMC Acadia

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine the affected population.

This recall involves only all-wheel drive (AWD) models. Front-wheel drive (FWD) models are not affected. Vehicles produced with fuel tanks outside of GM's suspect window and vehicles addressed prior to shipment are not included in this recall.

There are 135 GMC Acadia vehicles included in this recall.

Production Dates : MAR 16, 2022 - MAR 21, 2022

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2022-2022 Cadillac XT5

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine the affected population.

This recall involves only all-wheel drive (AWD) models. Front-wheel drive (FWD) models are not affected. Vehicles produced with fuel tanks outside of GM's suspect window and vehicles addressed prior to shipment are not included in this recall.

There are 64 Cadillac XT5 vehicles included in this recall.

Production Dates : MAR 16, 2022 - MAR 21, 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 certain 2022 model year Cadillac XT5, XT6, and GMC Acadia vehicles. The rollover valve in the fuel tank in some of these vehicles may not provide a proper seal in the event of a rollover crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the fuel tank rollover valve is missing, fuel may leak from the vehicle during certain types of rollover crashes. If a rollover crash were to occur, and if fuel were to leak and contact an ignition source, there is an increased risk of post-crash fire.

Description of the Cause : While performing a procedure to evaluate the integrity of a fuel pump connection internal to the tank, operators in GM's assembly plant may have inadvertently dislodged a portion of the rollover valve assembly.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : TANK ASM-FUEL

Component Description : Fuel Tank Assembly

Component Part Number : 84724303

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On March 22, 2022, a worker at GM's Spring Hill assembly plant submitted an issue to GM's Speak Up For Safety (SUFS) program following discovery of a dislodged fuel tank rollover valve in a vehicle. Personnel at the plant determined that the issue was caused while performing a procedure to evaluate the integrity of a fuel pump connection inside the tank. Containment efforts were initiated at the plant, and 31 of the 708 contained vehicles were found to have the dislodged-valve condition.

GM opened a formal investigation on May 10, 2022. GM's investigator confirmed that 298 vehicles may have been shipped from GM's assembly plant with this condition, of which 228 are in the US. Between June 6 and 8, 2020, GM conducted laboratory tests to assess this condition's potential to cause a fuel leak in various roll positions. GM determined that, when left in certain roll positions for an extended period of time (approximately 17 minutes), a dislodged valve could allow fluid to leak. GM's review of field data did not identify any relevant field claims related to this condition. On June 16, 2022, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program : Dealers will inspect the fuel tank and replace the fuel tank shell if the rollover valve is found to be dislodged or missing. 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 : Fuel tank rollover valves are not dislodged.

Identify How/When Recall Condition was Corrected in Production : Containment efforts were initiated on March 21, 2022. Vehicles produced after this date were not subject to the same fuel pump connect check procedure or were inspected and addressed prior to shipment.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on June 23, 2022. GM estimates owner notification will begin on August 8, 2022.

Planned Dealer Notification Date : JUN 23, 2022 - JUN 23, 2022
Planned Owner Notification Date : AUG 08, 2022 - AUG 08, 2022

* NR - Not Reported