

Part 573 Safety Recall Report

22V-427

Manufacturer Name : General Motors, LLC**Submission Date :** JUN 16, 2022**NHTSA Recall No. :** 22V-427**Manufacturer Recall No. :** N222364330**Manufacturer Information :****Population :**

Manufacturer Name : General Motors, LLC

Number of potentially involved : 736

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

Estimated percentage with defect : 2 %

Company phone : 586-596-1733

Vehicle Information :

Vehicle 1 : 2022-2022 Cadillac XT5

Vehicle Type :

Body Style :

Power Train : NR

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

Vehicles with rear suspensions produced outside of the supplier's suspect window are not included in this recall.

There are 223 Cadillac XT5 vehicles included in this recall.

Production Dates : DEC 18, 2021 - MAR 09, 2022

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2022-2022 Cadillac XT6

Vehicle Type :

Body Style :

Power Train : NR

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

Vehicles with rear suspensions produced outside of the supplier's suspect window are not included in this recall.

There are 159 Cadillac XT6 vehicles included in this recall.

Production Dates : DEC 18, 2021 - MAR 07, 2022

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2022-2022 GMC Acadia

Vehicle Type :

Body Style :

Power Train : NR

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

Vehicles with rear suspensions produced outside of the supplier's suspect window are not included in this recall.

There are 354 GMC Acadia vehicles included in this recall.

Production Dates : DEC 18, 2021 - MAR 09, 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. A fastener in the left-rear suspension toe link in some of these vehicles may not have been fully tightened during suspension assembly.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The affected toe links may be loose or become separated, resulting in misalignment of the left-rear wheel and increasing the risk of a crash.

Description of the Cause : After an assembly process was moved to a new area, error proofing equipment was not initially set up properly, which allowed a window where the operator might miss tightening certain fasteners without the failure being flagged.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : LINK ASM-RR SUSP UPR TRAILING

Component Description : Rear Suspension Link Assembly

Component Part Number : 84199653

Supplier Identification :

Component Manufacturer

Name : Comprehensive Logistics Inc
Address : 715 Beechcroft Rd.
Spring Hill Tennessee 37174
Country : United States

Chronology :

GM opened an investigation into the subject condition on March 15, 2022, after a quality engineer at GM's Spring Hill assembly plant identified a Cadillac XT6 at the plant with a missing toe link-to-knuckle bolt in the vehicle's left side rear suspension. While the supplier's manufacturing records indicated that the bolt had been fully tightened, further investigation determined that the supplier's error-proofing equipment had been improperly configured following a change in the assembly process. As a result—and under a specific set of circumstances—the tool operator could have failed to fully tighten the subject bolt without detection by the error-proofing equipment.

GM's investigator worked with GM's assembly plant personnel to define the potentially affected population. Inspection of 271 suspect suspensions that had been contained at the plant identified six additional instances of loose fasteners. GM's investigator's review of field data, completed on June 6, 2022, identified no claims or complaints related to the subject condition. GM is also not aware of any associated accidents or injuries.

On June 9, 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 left side rear suspension and replace the subject fastener if it is loose 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 : The remedy component will be torqued to specification.

Identify How/When Recall Condition was Corrected in Production : Containment efforts were initiated on March 9, 2022. Vehicles produced after this date were built with rear suspensions produced outside of the supplier's suspect window or were inspected and addressed prior to shipment. Error proofing procedures were corrected by the supplier on March 23, 2022.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on June 16, 2022. GM estimates owner notification will begin on August 1, 2022.

Planned Dealer Notification Date : JUN 16, 2022 - JUN 16, 2022
Planned Owner Notification Date : AUG 01, 2022 - AUG 01, 2022

* NR - Not Reported