

Part 573 Safety Recall Report

23V-642

Manufacturer Name : General Motors, LLC**Submission Date :** SEP 20, 2023**NHTSA Recall No. :** 23V-642**Manufacturer Recall No. :** N232415910**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 : 189

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2023 Cadillac Escalade

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Assembly line torque data for the rear suspension outer camber bolt was used to determine the affected population.

Vehicles whose assembly line torque data does not indicate use of a suspect bolt are not included in this recall.

There are 9 Cadillac Escalade vehicles included in this recall.

Production Dates : JUN 20, 2023 - JUN 27, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2023-2023 Cadillac Escalade ESV

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Assembly line torque data for the rear suspension outer camber bolt was used to determine the affected population.

Vehicles whose assembly line torque data does not indicate use of a suspect bolt are not included in this recall.

There are 9 Cadillac Escalade ESV vehicles included in this recall.

Production Dates : JUN 19, 2023 - JUN 23, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 3 : 2023-2023 Chevrolet Suburban

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Assembly line torque data for the rear suspension outer camber bolt was used to determine the affected population.

Vehicles whose assembly line torque data does not indicate use of a suspect bolt are not included in this recall.

There are 39 Chevrolet Suburban vehicles included in this recall.

Production Dates : JUN 19, 2023 - JUN 27, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2023-2023 Chevrolet Tahoe

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Assembly line torque data for the rear suspension outer camber bolt was used to determine the affected population.

Vehicles whose assembly line torque data does not indicate use of a suspect bolt are not included in this recall.

There are 74 Chevrolet Tahoe vehicles included in this recall.

Production Dates : JUN 19, 2023 - JUN 26, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2023-2023 GMC Yukon

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Assembly line torque data for the rear suspension outer camber bolt was used to determine the affected population.

Vehicles whose assembly line torque data does not indicate use of a suspect bolt are not included in this recall.

There are 31 GMC Yukon vehicles included in this recall.

Production Dates : JUN 19, 2023 - JUN 26, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2023-2023 GMC Yukon XL

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Assembly line torque data for the rear suspension outer camber bolt was used to determine the affected population.

Vehicles whose assembly line torque data does not indicate use of a suspect bolt are not included in this recall.

There are 27 GMC Yukon XL vehicles included in this recall.

Production Dates : JUN 19, 2023 -JUN 26, 2023

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 2023 model year Cadillac Escalade and Escalade ESV; Chevrolet Suburban and Tahoe; and GMC Yukon and Yukon XL vehicles. A bolt in the left and/or right rear-suspension outer-camber control arm assembly in these vehicles may not have been properly heat-treated by the supplier.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Over time, an improperly heat-treated bolt may weaken and fracture, which can result in misalignment of the rear wheel, increasing the risk of a crash.

Description of the Cause : Standardized work instructions and quality test procedures were not properly followed by the supplier for some bolts supplied for vehicles produced between June 19 and June 25, 2023.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : BOLT, RR SUSP UPR CONT ARM OTR (M14X2X78)

Component Description : Bolt

Component Part Number : 11603317

Supplier Identification :**Component Manufacturer**

Name : Acument Global Technologies
Address : 6125 18 Mile Rd
Sterling Heights Michigan 48314
Country : United States

Chronology :

On August 4, 2023, GM opened an investigation into the subject condition after a plant quality manager at GM's Arlington, TX assembly plant determined that up to 223 vehicles may have received an improperly heat-treated bolt and were not contained at the plant. 189 of these vehicles are in the US. During the investigation, testing and analysis demonstrated that, in the event of a control arm separation, there was a potential for rear wheel misalignment that may affect vehicle handling. GM is not aware of any field incidents related to this condition. On September 13, 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 both rear suspension outer control arm bolts. 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 replacement bolt has been properly heat-treated.

Identify How/When Recall Condition was Corrected in Production : Containment efforts were fully implemented by June 28, 2023. Vehicles produced after June 27, 2023 were built with rear suspension outer camber bolts outside of the supplier's suspect window or were identified and addressed prior to shipment.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on September 20, 2023. GM estimates owner notification will begin on November 6, 2023.

Planned Dealer Notification Date : SEP 20, 2023 - SEP 20, 2023

Planned Owner Notification Date : NOV 06, 2023 - NOV 06, 2023

* NR - Not Reported