

Part 573 Safety Recall Report

21V-246

Manufacturer Name : General Motors, LLC**Submission Date :** APR 08, 2021**NHTSA Recall No. :** 21V-246**Manufacturer Recall No. :** N202321200**Manufacturer Information :****Population :**

Manufacturer Name : General Motors, LLC

Number of potentially involved : 108

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

Estimated percentage with defect : 1 %

Company phone : 586-596-1733

Vehicle Information :

Vehicle 1 : 2010-2015 Buick Enclave

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing repair records from GM's Lansing Delta Township assembly plant (LDT) were used to identify the recall population. Vehicles that were not subject to repair of roof rail airbag fastener locations during manufacture at LDT are not subject to this recall.

Twenty 2010 – 2015 Buick Enclave vehicles are affected by this recall.

Production Dates : MAR 30, 2010 - JUL 25, 2014

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2010-2019 Chevrolet Traverse

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing repair records from GM's Lansing Delta Township assembly plant (LDT) were used to identify the recall population. Vehicles that were not subject to repair of roof rail airbag fastener locations during manufacture at LDT are not subject to this recall.

55 Chevrolet Traverse vehicles are affected by this recall.

Production Dates : MAR 25, 2010 - DEC 04, 2018

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2017-2017 Buick Enclave

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing repair records from GM's Lansing Delta Township assembly plant (LDT) were used to identify the recall population. Vehicles that were not subject to repair of roof rail airbag fastener locations during manufacture at LDT are not subject to this recall.

One 2017 Buick Enclave vehicle is affected by this recall.

Production Dates : NOV 10, 2016 - NOV 10, 2016

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2011-2016 GMC Acadia

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing repair records from GM's Lansing Delta Township assembly plant (LDT) were used to identify the recall population. Vehicles that were not subject to repair of roof rail airbag fastener locations during manufacture at LDT are not subject to this recall.

32 GMC Acadia vehicles are affected by this recall.

Production Dates : JUN 19, 2010 - MAR 04, 2016

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 2010–2015 and 2017 model year Buick Enclave vehicles; 2010–2019 model year Chevrolet Traverse vehicles; and 2011– 2016 model year GMC Acadia vehicles. One or two of the weld nuts that secure the right or left roof-rail airbag to the vehicle might be damaged, out of position, or missing.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the roof-rail airbag is not properly secured to the vehicle, the airbag may not perform as intended, increasing the risk of injury in certain crash conditions.

Description of the Cause : Certain stampings associated with the connection of the roof-rail airbag to the vehicle contained damaged, out of position, or missing weld nuts. These conditions were identified during the vehicle-assembly process but the repairs

to the roof-rail airbag weld nuts may not have been performed or may have been performed improperly.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : NUT – WELD NUT, ROUND, 3-PROJECTION, UNTHREADED

Component Description : Weld nut used for roof rail airbag attachment

Component Part Number : 25640395

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

In October 2020, a third-party vehicle repair business contacted GM requesting repair assistance on a 2018 Buick Enclave. After removing the headliner to attempt to repair a sunroof water leak, the repair shop identified two fasteners that were not installed and one missing weld nut at one of the interfaces that attaches the roof-rail airbag (RRAB) to the vehicle. A GM brand quality manager submitted a Speak Up For Safety (SUFS) report on October 21, 2020.

After identifying the SUFS vehicle as having had rework performed during the manufacturing process, GM conducted additional analysis to attempt to determine whether other vehicles might have been shipped from LDT with unrepaired RRAB fasteners. In late January 2021, GM identified 12 other vehicles that were flagged for repair or rework during assembly at LDT for a missing or out of position weld nut at a RRAB interface. Based on this analysis, GM opened a formal product investigation on February 9, 2021.

GM's product investigation identified 108 vehicles in the U.S. that, according to LDT's repair records, may be missing one or two RRAB fasteners based on offline rework performed. Using CAE analysis, GM's investigation also confirmed that missing fasteners can adversely impact RRAB crash performance in certain crash scenarios.

On April 1, 2021, GM's Safety and Field Action Decision Authority decided to conduct a safety recall. GM is not

aware of any accidents or injuries associated with this condition.

Description of Remedy :

Description of Remedy Program : Dealers will inspect roof-rail airbag attachments and provide or replace any found to be missing, damaged or out of position. Pursuant to 577.11, GM will provide reimbursement to owners for repairs according to the plan submitted on May 17, 2019.

How Remedy Component Differs from Recalled Component : Weld nuts that are found to missing, damaged or out of position will be replaced with non-welded fasteners that provide equivalent performance.

Identify How/When Recall Condition was Corrected in Production : In November 2020, after the discovery of the SUFS vehicle, GM's LDT facility implemented additional quality control checks for all RRAB fastener-related repairs.

Recall Schedule :

Description of Recall Schedule : This recall will be conducted under two bulletins: N202321200 and N202321201. Dealers will be notified on April 8, 2021. Owner notification is estimated to begin on May 24, 2021.

Planned Dealer Notification Date : APR 08, 2021 - APR 08, 2021

Planned Owner Notification Date : MAY 24, 2021 - MAY 24, 2021

* NR - Not Reported