

Part 573 Safety Recall Report

23V-339

Manufacturer Name : General Motors, LLC**Submission Date :** MAY 17, 2023**NHTSA Recall No. :** 23V-339**Manufacturer Recall No. :** N232403240**Manufacturer Information :****Population :**

Manufacturer Name : General Motors, LLC

Number of potentially involved : 668,187

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

Estimated percentage with defect : 80 %

Company phone : 586-596-1733

Vehicle Information :

Vehicle 1 : 2020-2023 Chevrolet Equinox

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to identify vehicles that may have received suspect LATCH anchorage bars.

Vehicles whose LATCH anchorage bars did not receive applied coating by the suspect provider are not affected by this recall.

454,722 Chevrolet Equinox vehicles are affected by this recall.

Production Dates : JUN 02, 2020 - MAR 19, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2020-2023 GMC Terrain

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to identify vehicles that may have received suspect LATCH anchorage bars.

Vehicles whose LATCH anchorage bars did not receive applied coating by the suspect provider are not affected by this recall.

213,465 GMC Terrain vehicles are affected by this recall.

Production Dates : JUN 02, 2020 - MAR 19, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Description of Noncompliance :

Description of the Noncompliance : General Motors has decided that certain 2020 – 2023 model year Chevrolet Equinox and GMC Terrain vehicles may not conform to S9.1.1(a) of Federal Motor Vehicle Safety Standard (FMVSS) No. 225, “Child restraint anchorage systems.” One or more of the four rear seat lower child seat LATCH anchorage bars may have been finished with excessive powder coating, which could cause portions of the bar to exceed FMVSS 225’s 6 mm ± 0.1 mm diameter requirement.

FMVSS 1 : 225 - Child restraint anchorage systems

FMVSS 2 : NR

Description of the Safety Risk : Excessive powder coating could, in rare cases, prevent the installation of a child seat using the LATCH anchorage bars. Should this occur, owners should install child seats in the subject vehicles using the vehicle’s rear seat belts, in accordance with the vehicle owner’s manual and child-seat manufacturer’s installation instructions, until the recall repair is performed. If child seats are not properly installed, there is increased risk of injury in a crash.

Description of the Cause : Supplier process controls were inadequate to monitor variation in powder coat thickness.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : PANEL -R/SEAT BK (LH/RH)

Component Description : Rear Seatback Frame

Component Part Number : 84398377, 84657859

Supplier Identification :**Component Manufacturer**

Name : Amvian Mexico S DE RL DE CV

Address : Libramiento Oscar Flores No. 1305-3
Ramos Arizpe Foreign States 25900

Country : Mexico

Chronology :

On March 13, 2023, Transport Canada notified GM Canada that a 2022 model year GMC Terrain failed CMVSS 210.2(3)(b) compliance testing. The vehicle was observed to have lower LATCH child seat anchorages with diameters of 6.34mm and 6.41mm, which exceeded the regulation's $6\text{ mm} \pm 0.1\text{ mm}$ diameter requirement. On March 14, 2023, GM opened a product investigation.

GM's investigation determined that GM's supplier periodically used a coating provider whose process controls were inadequate to monitor variation in the finish applied to the LATCH anchorage bars. On April 28, 2023, GM completed a survey on 72 GM employee-owned vehicles, which identified 56 non-conforming parts. GM is not aware of any warranty claims or field complaints associated with this condition.

On May 4, 2023, GM's Safety and Field Action Decision Authority decided to conduct a noncompliance recall.

Description of Remedy :

Description of Remedy Program : Dealers will inspect and, if necessary, remove and replace the finish on rear seat lower child seat LATCH anchorage bars. Pursuant to 577.11, GM will provide reimbursement to owners for repairs according to the plan submitted on May 12, 2021.

How Remedy Component Differs from Recalled Component : Refinished LATCH bars will comply with FMVSS 225.

Identify How/When Recall Condition was Corrected in Production : Containment and rework efforts were fully implemented at GM's assembly plants on April 5, 2023.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on May 11, 2023. Customer notification is estimated to begin on June 26, 2023.

Planned Dealer Notification Date : MAY 11, 2023 - MAY 11, 2023

Planned Owner Notification Date : JUN 26, 2023 - JUN 26, 2023

* NR - Not Reported