

Part 573 Safety Recall Report

19V-184

Manufacturer Name : General Motors LLC**Submission Date :** APR 01, 2019**NHTSA Recall No. :** 19V-184**Manufacturer Recall No. :** N192209550**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 : 120

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2019-2019 Chevrolet Equinox

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to identify vehicles that may have been built with insufficient welds on the head-restraint bracket of the rear right seat. 58 Chevrolet Equinox vehicles are affected by this recall.

Production Dates : JAN 11, 2019 - JAN 11, 2019

VIN Range 1 : Begin : NR End : NR Not sequential

Vehicle 2 : 2019-2019 GMC Terrain

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to identify vehicles that may have been built with insufficient welds on the head-restraint bracket of the rear right seat. 62 GMC Terrain vehicles are affected by this recall.

Production Dates : JAN 11, 2019 - JAN 16, 2019

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 2019 model year Chevrolet Equinox and GMC Terrain vehicles. These vehicles may have insufficient welds on the head-restraint bracket of the rear right seat.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Insufficient welds at the head-restraint bracket may degrade management of occupant loads in a crash, increasing the risk of injury in a crash for occupants seated in the rear right position.

Description of the Cause : A weld tool at the tier-2 seat frame supplier was not properly cooled, resulting in some insufficient spot welds.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Amvian

Address : Oscar Flores Tapia 1305, Huerta del Cura
Ramos Arizpe, Coahuila FOREIGN STATES

Country : Mexico

Chronology :

On January 12, 2019, the condition was discovered on a seat during a functional check performed at GM's San Luis Potosi assembly plant. Between January 12 and 15, GM's assembly plant and the seat-structure supplier conducted a component teardown of the seat and identified three spot weld separations on the upper flange of the head-restraint bracket. On January 15, the seat-structure supplier initiated containment actions. That same day, this issue was reported to GM's Speak Up For Safety program, and on January 22, 2019, GM opened an investigation into the suspect welds.

Working with the seat-structure supplier, GM determined that the suspect welds were all produced by a specific weld tool at the seat-structure supplier between January 4 and January 12, 2019. The weld tool was not properly cooled, which could result in some insufficient welds, also known as "cold welds." These potential cold welds would be located on the head-restraint bracket on the rear right seat. Over the next several weeks, GM analyzed the effect of the condition and determined that the presence of cold welds could decrease performance of the rear right head-restraint in certain rear-impact crashes.

The investigation was reviewed in GM's Open Investigation Review on February 25, 2019. On February 28, 2019, GM's Safety Field Action Decision Authority decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program : Dealers will replace the rear-right seatback frame. 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 : Replacement seatback frames were produced outside of the suspect manufacturing window.
Recalled Component Name: PANEL ASM-R/SEAT BK
Recalled Component Description: Second Row (40%) Seatback Structure
Recalled Component Part Number: 84398377
Recalled Component Country of Origin: Mexico

Identify How/When Recall Condition was Corrected in Production : Vehicles built with suspect seat frames were quarantined at the plant on January 16, 2019. The supplier initiated inspection containment on January 12, 2019 and implemented corrective measures to the weld tool on January 15, 2019.

Recall Schedule :

Description of Recall Schedule : General Motors will notify dealers on March 7, 2019. Owner letter mailing is planned for April 15, 2019.
Planned Dealer Notification Date : MAR 07, 2019 - MAR 07, 2019
Planned Owner Notification Date : APR 15, 2019 - APR 15, 2019

* NR - Not Reported