

# Part 573 Safety Recall Report

# 21V-504

**Manufacturer Name :** General Motors, LLC**Submission Date :** SEP 27, 2021**NHTSA Recall No. :** 21V-504**Manufacturer Recall No. :** N202324251**Manufacturer Information :****Population :**

Manufacturer Name : General Motors, LLC

Number of potentially involved : 410,019

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 : 2015-2016 Chevrolet Silverado 1500

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Part traceability data was used to identify the affected vehicles. Vehicles produced with parts outside the supplier's suspect production window are not included in this recall.

222,890 Chevrolet Silverado 1500 vehicles are affected by this recall.

Production Dates : MAR 28, 2015 - JUL 10, 2016

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2015-2016 Chevrolet Silverado 2500/3500

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Part traceability data was used to identify the affected vehicles. Vehicles produced with parts outside the supplier's suspect production window are not included in this recall.

63,545 Chevrolet Silverado 2500/3500 vehicles are affected by this recall.

Production Dates : MAR 30, 2015 - JUL 05, 2016

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2015-2016 GMC Sierra 1500

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Part traceability data was used to identify the affected vehicles. Vehicles produced with parts outside the supplier's suspect production window are not included in this recall.

95,284 GMC Sierra 1500 vehicles are affected by this recall.

**Production Dates :** MAR 28, 2015 - JAN 01, 2016

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

Vehicle 4 : 2015-2016 GMC Sierra 2500/3500

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Part traceability data was used to identify the affected vehicles. Vehicles produced with parts outside the supplier's suspect production window are not included in this recall.

28,300 GMC Sierra 2500/3500 vehicles are affected by this recall.

**Production Dates :** MAR 30, 2015 - MAY 12, 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 2015–2016 model year Chevrolet Silverado and GMC Sierra vehicles. In these vehicles, the roof-rail airbag (“RRAB”) inflators, which are located on the left- and right-side roof rails above the headliner, may contain a manufacturing defect that may result in inflator end cap separation or inflator sidewall split.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** If the end cap separates from the RRAB inflator or a sidewall rupture occurs, the compressed gas will escape from the inflator and the end cap or other components can be propelled into the vehicle, potentially causing an occupant injury if the vehicle is occupied.

**Description of the Cause :** Corrosion inside the inflator vessel, which was caused by moisture introduced into the vessel during the supplier's manufacturing process and aggravated by thermal cycling in high-temperature climate regions.

Identification of Any Warning NR  
that can Occur :

## Involved Components :

Component Name 1 : AIRBAG ASM-FRT & RR ROW R/RAIL

Component Description : Roof Rail Air Bag

Component Part Number : 84487867, 84487868, 84487863, 84487864, 84487865, 84487866

## Supplier Identification :

### Component Manufacturer

Name : Joyson Safety Systems

Address : Parque Industrial, Valle Hermoso 89,  
Lote 4 y 5 S/N, Cd. Tamaulipas Valle Hermoso Foreign States 87500

Country : Mexico

## Chronology :

In mid-June 2021, a RRAB inflator in three 2015 model year Silverado vehicles—one in Florida and two in Texas—ruptured while the vehicle was unoccupied and not in use. In all three inflators, the steel inflator-body sidewall split open, suddenly releasing the gas stored inside the chamber.

GM became aware of these three incidents on June 15, June 21, and June 22nd. On June 24, 2021, GM's Safety and Field Action Decision Authority decided to conduct a safety recall. Key Safety Systems, the supplier at the time of manufacture, is now Joyson Safety Systems.

## Description of Remedy :

Description of Remedy Program : Dealers will replace suspect left and right side RRAB modules. GM vehicles included in recall 20V736 will be closed under that recall number and addressed under this recall campaign. 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 : Remedy parts were produced outside the supplier's suspect production window.

Identify How/When Recall Condition was Corrected in Production : NR

### Recall Schedule :

Description of Recall Schedule : Dealers will be notified on July 1, 2021. This recall will be launched in two phases. Owner notification for the first launch is estimated to begin April 29, 2022. Owner notification for the second phase is estimated to begin May 31, 2022.

Planned Dealer Notification Date : JUL 01, 2021 - JUL 01, 2021

Planned Owner Notification Date : APR 29, 2022 - MAY 31, 2022

\* NR - Not Reported