

Part 573 Safety Recall Report

23V-870

Manufacturer Name : General Motors, LLC**Submission Date :** SEP 30, 2024**NHTSA Recall No. :** 23V-870**Manufacturer Recall No. :** N232425640**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 : 20,712

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2014-2014 Chevrolet Cruze

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Part traceability data was used to identify affected vehicles with roof rail airbags (RRAB) built with parts from the suspect inflator chamber production lot.

Vehicles with roof rail airbags that have inflator chambers from other production lots are not included in this recall. Roof rail airbags with inflator chambers not supplied by Norma Group are not included in this recall.

17,831 Chevrolet Cruze vehicles are affected by this recall.

Production Dates : JAN 17, 2014 - JUN 01, 2014

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2014-2014 Buick Verano

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Part traceability data was used to identify affected vehicles with roof rail airbags (RRAB) built with parts from the suspect inflator chamber production lot.

Vehicles with roof rail airbags that have inflator chambers from other production lots are not included in this recall. Roof rail airbags with inflator chambers not supplied by Norma Group are not included in this recall.

2,861 Buick Verano vehicles are affected by this recall.

Production Dates : JAN 13, 2014 - JUN 02, 2014

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 may exist in certain 2014 model year Buick Verano and Chevrolet Cruze vehicles. In these vehicles, the left and/or right side roof-rail airbag ("RRAB") inflators, which are located on the roof rails above the headliner, may contain a manufacturing defect that could result in rupture at the inflator weld joint.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the RRAB inflator ruptures at the weld joint, the compressed gas will escape, causing a partial inflation of the RRAB where one or more sections of the inflator may enter or exit the vehicle. This may potentially cause injury if a person is in or around the vehicle during the event.

Description of the Cause : The inflator chamber in these airbags may have contamination in the chamber that may lead to corrosion that, over time, may result in intergranular cracking near the weld joint.

Identification of Any Warning that can Occur : NR

Involved Components :

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

Component Description : Roof Rail Airbag

Component Part Number : 13251629, 13251630, 13420056, 13420057

Supplier Identification :

Component Manufacturer

Name : Autoliv Steering Wheels Mexico S. de R.L
Address : Circuito El Marqués Norte #25
El Marqués Poblado El Colorado El Marques, Queretaro West Foreign States 76246
Country : Mexico

Chronology :

On September 20, 2023, GM notified NHTSA of recall 23V674, which would replace roof-rail airbags from inflator production lots associated with three known field incidents involving inflator ruptures. At that time, the cause of these ruptures was still under investigation. On October 5, 2023, GM's inflator supplier initiated a field retrieval study of inflator chambers produced by two different chamber suppliers. The supplier found that chambers from the three field-event lots supplied by the Norma Group had contamination levels that may lead to corrosion, which can, over time, result in failure at the weld joint. Chambers from the other supplier had little to no contamination.

On December 14, 2023, GM's Safety and Field Action Decision Authority decided to conduct a safety recall for vehicles that were built with roof rail airbags containing inflator chambers from the three identified Norma Group production lots. Other than the three field ruptures identified under recall 23V674, GM is not aware of any additional field incidents associated with this condition.

Description of Remedy :

Description of Remedy Program : Dealers will replace suspect left and/or right side RRAB modules. Pursuant to 577.11, GM will provide reimbursement to owners for repairs according to the plan submitted on May 12, 2023.

How Remedy Component Differs from Recalled Component : Remedy parts were produced with inflator chambers produced outside the tier two 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 December 21, 2023. Customer interim notification mailed on January 26, 2024. Owner notification of an available remedy is estimated to start mailing on July 31, 2024 and complete mailing by September 30, 2024. This recall will be executed

under four bulletins: N232425640, N232425641, N232425642, and N232425643

Planned Dealer Notification Date : DEC 21, 2023 - DEC 21, 2023

Planned Owner Notification Date : JUL 31, 2024 - SEP 30, 2024

* NR - Not Reported