

Part 573 Safety Recall Report

22V-930

Manufacturer Name : General Motors, LLC**Submission Date :** DEC 15, 2022**NHTSA Recall No. :** 22V-930**Manufacturer Recall No. :** N222383790**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 : 111,242

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2017-2023 Chevrolet Bolt EV

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine the affected population.

Vehicles produced after design changes were implemented to the pretensioner and surrounding carpet are not included in this recall. Chevrolet Bolt EUV models use a different design and are not affected by this recall.

Production Dates : JUL 26, 2016 - OCT 25, 2022

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 2017 – 2023 model year Chevrolet Bolt EV vehicles. In certain crashes that cause the front seatbelt pretensioners to deploy, the exhaust from the deployed pretensioner may ignite fibers in the floor carpet near the B-pillar.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Following a crash that causes the seatbelt pretensioner to deploy, a fire may develop in the area near the B-pillar, which may increase the risk of injury.

Description of the Cause : The temperature of the exhaust from a deployed pretensioner may be sufficient to ignite carpet materials in close proximity to the pretensioner.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : TENSIONER KIT-F/SEAT BELT ANC PLT

Component Description : Lap Belt Anchor Pretensioner Assembly

Component Part Number : 42764694, 42764696

Supplier Identification :**Component Manufacturer**

Name : ZF Group

Address : 12001 Tech Center Drive
Livonia Michigan 48150

Country : United States

Chronology :

This issue was submitted to GM's Speak Up For Safety (SUFS) program on September 15, 2022, following a report of a 2018 model year Chevrolet Bolt EV in Korea that experienced a fire appearing to have originated in the right-side lower B-pillar area. GM opened an investigation on October 24, 2022.

GM's investigation identified a total of three potentially relevant field incidents in the subject vehicles involving exhaust from a deployed pretensioner igniting carpet fibers near the B-pillar. GM received notice of these claims on May 26, 2021, August 29, 2022, and October 17, 2022. On December 8, 2022, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program : Dealers will install metal foil at the carpet near the pretensioner exhaust. Certain vehicles will also need a pretensioner cover installed.

How Remedy Component Differs from Recalled Component : Added metal foil between the carpet and pretensioner, along with the pretensioner thermal cover, prevents ignition of carpet material from pretensioner exhaust.

Identify How/When Recall Condition was Corrected in Production : A design change that adds metal foil between the carpet and pretensioner exhaust was implemented into production on October 25, 2022.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on December 15, 2022. This recall will be launched in two phases, under bulletins N222383790 and N222383791. Notification to owners of vehicles that require only installation of the foil barrier is estimated to begin January 30, 2023. Owners of vehicles that also require installation of the pretensioner cover will begin receiving interim notification on January 30, 2023. GM will provide an owner notification estimate for this second phase once availability of the pretensioner covers can be estimated.

Planned Dealer Notification Date : DEC 15, 2022 - DEC 15, 2022

Planned Owner Notification Date : JAN 30, 2023 - JAN 30, 2023

* NR - Not Reported