

# Part 573 Safety Recall Report

# 22V-903

**Manufacturer Name :** General Motors, LLC**Submission Date :** JAN 20, 2023**NHTSA Recall No. :** 22V-903**Manufacturer Recall No. :** N222386380**Manufacturer Information :****Population :**

Manufacturer Name : General Motors, LLC

Number of potentially involved : 740,108

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

Estimated percentage with defect : 100 %

Company phone : 586-596-1733

**Vehicle Information :**

Vehicle 1 : 2021-2023 Buick Envision

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine recall population. 2020 model year and earlier vehicles do not have the affected software and are not included in the recall.  
There are 85,950 Buick Envision vehicles involved in this recall.

Production Dates : JUL 20, 2020 - DEC 06, 2022

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

Vehicle 2 : 2022-2023 Cadillac Escalade

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine recall population. 2021 model year vehicles were recalled under 22V827. 2020 model year and earlier vehicles do not have the affected software and are not included in the recall.  
There are 26,783 Cadillac Escalade vehicles involved in this recall.

Production Dates : JUN 22, 2021 - NOV 16, 2022

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

Vehicle 3 : 2022-2023 Cadillac Escalade ESV

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine recall population. 2021 model year vehicles were recalled under 22V827. 2020 model year and earlier vehicles do not have the affected software and are not included in the recall. There are 17,269 Cadillac Escalade ESV vehicles involved in this recall.

Production Dates : JUN 17, 2021 - NOV 16, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2022-2023 Chevrolet Silverado 1500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine recall population. 2021 model year and earlier vehicles do not have the affected software and are not included in the recall. Base trim-level vehicles use the same light source for low-beams and daytime running lights and are not affected by this recall. There are 170,248 Chevrolet Silverado 1500 vehicles involved in this recall.

Production Dates : OCT 18, 2021 - NOV 25, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 5 : 2022-2023 Chevrolet Suburban

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine recall population. 2021 model year vehicles were recalled under 22V827. 2020 model year and earlier vehicles do not have the affected software and are not included in the recall. Base trim-level vehicles use the same light source for low-beams and daytime running lights and are not affected by this recall. There are 57,503 Chevrolet Suburban vehicles involved in this recall.

Production Dates : JUN 17, 2021 - NOV 16, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 6 : 2020-2023 Cadillac CT5

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine recall population.  
There are 43,510 Cadillac CT5 vehicles involved in this recall.

Production Dates : MAY 29, 2019 - DEC 01, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 7 : 2022-2023 GMC Sierra 1500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine recall population.  
2021 model year and earlier vehicles do not have the affected software and are not included in the recall.  
There are 115,885 GMC Sierra 1500 vehicles involved in this recall.

Production Dates : NOV 09, 2021 - NOV 22, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 8 : 2022-2023 GMC Yukon

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine recall population.  
2021 model year vehicles were recalled under 22V827. 2020 model year and earlier vehicles do not have the affected software and are not included in the recall.  
There are 54,089 GMC Yukon vehicles involved in this recall.

Production Dates : JUN 17, 2021 - NOV 16, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 9 : 2022-2023 GMC Yukon XL

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine recall population.  
2021 model year vehicles were recalled under 22V827. 2020 model year and earlier vehicles do not have the affected software and are not included in the recall.  
There are 39,368 GMC Yukon XL vehicles involved in this recall.

Production Dates : JUN 23, 2021 - NOV 16, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 10 : 2020-2023 Cadillac CT4

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine recall population.  
There are 24,697 Cadillac CT4 vehicles involved in this recall.

Production Dates : SEP 11, 2019 - DEC 01, 2022

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 11 : 2022-2023 Chevrolet Tahoe

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records were used to determine recall population.  
2021 model year vehicles were recalled under 22V827. 2020 model year and earlier vehicles do not have the affected software and are not included in the recall. Base trim-level vehicles use the same light source for low-beams and daytime running lights and are not affected by this recall.  
There are 104,806 Chevrolet Tahoe vehicles involved in this recall.

Production Dates : JUN 17, 2021 - NOV 16, 2022

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 Cadillac CT4 and CT5 vehicles; 2021 – 2023 model year Buick Envision vehicles; and 2022 – 2023 model year Cadillac Escalade and Escalade ESV, Chevrolet Silverado 1500, Suburban, and Tahoe, and GMC Sierra 1500, Yukon, and Yukon XL vehicles, fail to conform, in part, to S7.10.5 of Federal Motor Vehicle Safety Standard (FMVSS) No. 108, “Lamps, reflective devices, and associated equipment.” The daytime running lamps (DRLs) may not deactivate when the headlamps are on, as required by S7.10.5, Table I-a. of FMVSS 108.

FMVSS 1 : 108 - Lamps, reflective devices, and assoc. Equipment

FMVSS 2 : NR

Description of the Safety Risk : If the DRLs do not deactivate when the headlamps are on, the resulting glare could increase the risk of a crash.

Description of the Cause : The body control module (BCM) software in these vehicles, under a combination of certain pre-conditions, may fail to deactivate the DRLs when the headlamps are on.

Identification of Any Warning that can Occur : NR

## Involved Components :

Component Name 1 : MODULE-ASM BODY CONT.

Component Description : Body Control Module (BCM)

Component Part Number : 13534824 ,13534861, 13534887, 13535060, 13535063, 13536377, 13537291, 13538873, 13539315, 13540164

Component Name 2 : MODULE-ASM BODY CONT.

Component Description : Body Control Module (BCM)

Component Part Number : 13540488, 13540793, 13541803, 13541809, 13542153, 13546036, 13546973, 13546976, 13547770, 13548773

Component Name 3 : MODULE-ASM BODY CONT.

Component Description : Body Control Module (BCM)

Component Part Number : 13534822, 13534885, 13535062, 13536375, 13537290, 13540487, 13540792, 13541806, 13541807, 13542151

Component Name 4 : MODULE-ASM BODY CONT.

Component Description : Body Control Module (BCM)

Component Part Number : 13542224, 13546033, 13546034, 13546971, 13546972, 13546974, 13546975,  
13547768, 13547769, 13548771

Component Name 5 : MODULE-ASM BODY CONT.

Component Description : Body Control Module (BCM)

Component Part Number : 13548772

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

A vehicle controls engineer submitted a report to GM's Speak Up For Safety (SUFS) program on October 6, 2022 to determine whether additional GM vehicles may be affected by a software issue that had been found in certain 2021 model year full-size sport-utility vehicles, resulting in GM recall No. 22V827. The body control module (BCM) software in those vehicles, under a combination of certain pre-conditions, could fail to deactivate the DRLs when the headlamps are on. GM opened an investigation on October 24, 2022.

GM's investigator identified additional models and model years with similar software to vehicles subject to Recall 22V827. Testing demonstrated the condition was present in the subject vehicles, while other vehicles were unaffected due to differences in software and/or hardware. On December 1, 2022, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a recall for potential noncompliance with this standard.

**Description of Remedy :**

Description of Remedy Program : General Motors will update the software in the vehicles' Body Control Module (BCM) to correct the condition. Owners who have accepted applicable terms and conditions will have the opportunity to accept these software changes using wireless over-the-air (OTA) technology without having to bring their vehicle to a dealership. Alternatively, owners may schedule to have the updates performed at a GM dealer. 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 : The updated BCM software will correct the condition.

Identify How/When Recall Condition was Corrected in Production : Containment efforts were initiated on: 11/16/2022 at GM's Arlington plant, 11/22/2022 at the Fort Wayne plant, 12/01/2022 at the Lansing plant, 11/25/2022 at the Oshawa plant, 11/08/2022 at the Silao plant, and 11/30/22 at the Dong Yue plant.

**Recall Schedule :**

Description of Recall Schedule : Dealers will be notified December 8, 2022. Owners of Cadillac CT4, CT5, and Buick Envision vehicles will be mailed notification by February 6, 2023. Owners of all other models will be mailed interim notification by February 6, 2023. GM estimates these owners will be mailed notification of an available remedy by March 3, 2023.

Planned Dealer Notification Date : DEC 08, 2022 - DEC 08, 2022

Planned Owner Notification Date : FEB 06, 2023 - MAR 03, 2023

\* NR - Not Reported