# **Part 573 Safety Recall Report**

Manufacturer Name : General Motors, LLC Submission Date : NOV 09, 2022 NHTSA Recall No.: 22V-827 Manufacturer Recall No.: N222382220

### **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

Vehicle 1:	2021-2021 GMC Yukon	
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 soft included in the recall.	ware and are not
	There are 68,921 GMC Yukon vehicles involved in this recall.	
Production Dates :	NOV 12, 2019 - OCT 07, 2021	
VIN Range 1:	Begin: NR End: NR	Not sequential
Vehicle 2:	2021-2021 GMC Yukon XL	
Vehicle Type :		
Body Style :		
Power Train :	NR	
TOwer Italit.		
	Manufacturing records were used to determine recall population.	
	Manufacturing records were used to determine recall population. 2020 model year and earlier vehicles do not have the affected soft included in the recall.	ware and are not
	2020 model year and earlier vehicles do not have the affected soft	ware and are not
Descriptive Information :	2020 model year and earlier vehicles do not have the affected soft included in the recall.	ware and are not





Number of potentially involved : 338,735 Estimated percentage with defect : 100 %

**Population :** 

### 22V-827

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	2021-2021 Ca	dillac Escalad	le ESV	
Vehicle Type :				
Body Style : Power Train :				
		ano ondo won	a used to determine recell	nonulation
Descriptive information.	Manufacturing	g records wer	e used to determine recall	i population.
	2020 model ye included in the		r vehicles do not have the	affected software and are not
	There are 15,9	955 Cadillac E	scalade ESV vehicles invo	lved in this recall.
Production Dates :	JUN 24, 2020 -	OCT 07, 202	1	
VIN Range 1:	Begin :	NR	End: NR	☐ Not sequential
Vehicle 4 : Vehicle Type : Body Style : Power Train :		evroiet Subu	roan	
		records wer	e used to determine recall	population.
	in an an a chair an a			population
	2020 model ye included in the		r vehicles do not have the	affected software and are not
	There are 54,2	262 Chevrolet	Suburban vehicles involv	ed in this recall.
Production Dates :	JAN 06, 2020 -	OCT 07, 202	1	
VIN Range 1:	Begin :	NR	End: NR	☐ Not sequential
Vehicle 5 : Vehicle Type : Body Style : Power Train :	2021-2021 Ca	dillac Escalac	le	
Descriptive Information :	Manufacturing	g records wer	e used to determine recall	population.
	2020 model ye included in the		r vehicles do not have the	affected software and are not
	There are 27,4	55 Cadillac E	scalade vehicles involved	in this recall.
Production Dates :	MAR 16, 2020	- OCT 07, 202		
VIN Range 1 :	Begin :	NR	End: NR	☐ Not sequential

The information contained in this report was submitted pursuant to 49 CFR §573

# Part 573 Safety Recall Report

22V-827

Vehicle 6 :       2021-2021 Chevrolet Tahoe         Vehicle Type :       Body Style :         Power Train : NR       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.         Production Dates :       NOV 11, 2019 -NOV 17, 2021         VIN Range 1 : Begin :       NR       End : NR       Not sequentia         Description of Noncompliance :       Second the certain 2021 model year GMC Yukon and Noncompliance :       Yukon XL vehicles, Chevrolet Tahoe and Suburban vehicles, and Cadillac Escalade and Escalade ESV vehicles fail to conform. in part, to \$7,10.5 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 \$7,10.5, Table L-a. of FMVSS 1 :         FMVSS 1 :       108 - Lamps, reflective devices, and assoc. Equipment FMVSS 2 :         Description of the Cause :       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 :       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 :       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 :				
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 134,673 Chevrolet Tahoe vehicles involved in this recall.         Production Dates :       NOV 11, 2019 - NOV 17, 2021         VIN Range 1 : Begin :       NR         End :       NR         Description of Noncompliance :       End :         Description of the General Motors has decided that certain 2021 model year GMC Yukon and Noncompliance :       FMWSN 14. Vehicles, Chevrolet Tahoe and Suburban vehicles, and Cadillac Escalade and Escalade ESV vehicles fail to conform, in part, to \$7.10.5 of Federal Motor Vehicle Safety Standard (FMVSS) No. 108. "Lamps, reflective devices, and associated equipment." The daytime running Jamps (DRLS) may not deactivate when the headlamps are on, as required by \$7.10.5, Table I-a, of FMVSS 1 is 108 - Lamps, reflective devices, and assoc. Equipment FMVSS 2 is 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.         Identification of Any Warning MR       NR         Envolved Components :       If the DRLs do not deactivate when the headlamps are on, the resulting glare could increase the risk of a crash.         Identification of Any Warning MR       NR         Component Name 1 :       MODULE-ASM BODY CONT.         Compone	Vehicle Type :	2021-2021 Chevrolet Tahoe		
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 134,673 Chevrolet Tahoe vehicles involved in this recall.         Production Dates :       NOV 11, 2019 - NOV 17, 2021       NR       Interesting in the recall.         Production of Noncompliance :       NR       End :       NR       Not sequential         Description of Noncompliance :       General Motors has decided that certain 2021 model year GMC Yukon and Noncompliance :       Yukon XL vehicles, Chevrolet Tahoe and Suburban vehicles, and Cadillac Escalade and Escalade ESV vehicles fail to conform, in part, to S7.10.5 of Federal Motor Vehicle Safet yStandard (FMVSS) No. 10, part, to S7.10.5, Table 1-a. of FMVSS 11         Ideatification of the Safety Risk :       If the DRLs do not deactivate when the headlamps are on, as required by S7.10.5, Table 1-a. of FMVSS 12         Description of the Cause :       If the DRLs do not deactivate when the headlamps are on, the resulting glare could increase the risk of a crash.         Description of Any Warning that can Occur :       NR         Involved Components :       NR         End:       MODULE-ASM BODY CONT.         Component Description :       Body Control Module (BCM)		NR		
included in the recall.         There are 134,673 Chevrolet Tahoe vehicles involved in this recall.         Production Dates :       NOV 11, 2019 - NOV 17, 2021         VIN Range 1 : Begin :       NR       End :       NR         Description of Noncompliance :       Image: Second Seco				
Production Dates:       NOV 11, 2019 - NOV 17, 2021         VIN Range 1: Begin:       NR       End:       NR       Not sequential             Description of Noncompliance:           Description of the Noncompliance:           Production Noncompliance:            General Motors has decided that certain 2021 model year GMC Yukon and Suburban vehicles, and Cadillac Escalade and Escalade ESV vehicles fail to conform, in part, to \$7.10.5 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 \$7.10.5, Table I-a. of FMVSS 1:         108 - Lamps, reflective devices, and assoc. Equipment FMVSS 2:         NR              Description of the Cause:             Description of the Cause:         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:         If the DRLs do not deactivate when the headlamps are on, the resulting glare could increase the risk of a crash.         NR             Identification of Any Warning that can Occur             Component Name 1:         MODULE-ASM BODY CONT.             Component Description:         Body Control Module (BCM)				
VIN Range 1 : Begin :       NR       End : NR       Not sequentia         Description of Noncompliance :       Description of the General Motors has decided that certain 2021 model year GMC Yukon and Noncompliance :       Yukon XL vehicles, Chevrolet Tahoe and Suburban vehicles, and Cadillac Escalade and Escalade ESV 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 1 :         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 :       If the DRLs do not deactivate when the headlamps are on, the resulting glare could increase the risk of a crash.         Identification of Any Warning that can Occur :       NR         Envolved Components :       MODULE-ASM BODY CONT.         Component Name 1 :       MODULE-ASM BODY CONT.         Component Description :       Body Control Module (BCM)		Γhere are 134,673 Chevrolet Tahoe vehicles involved in this recall.		
Description of Noncompliance :         Description of the Noncompliance :       General Motors has decided that certain 2021 model year GMC Yukon and Noncompliance :         Yukon XL vehicles, Chevrolet Tahoe and Suburban vehicles, and Cadillac Escalade and Escalade ESV 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 1 :         PMVSS 1 :       108 - Lamps, reflective devices, and assoc. Equipment FMVSS 2 :         PMVSS 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 :       If the DRLs do not deactivate when the headlamps are on, the resulting glare could increase the risk of a crash.         Identification of Any Warning that can Occur :       NR         Involved Components :       MODULE-ASM BODY CONT.         Component Name 1 :       MODULE-ASM BODY CONT.         Component Description :       Body Control Module (BCM)	Production Dates :	NOV 11, 2019 - NOV 17, 2021		
Description of the Noncompliance :       General Motors has decided that certain 2021 model year GMC Yukon and Yukon XL vehicles, Chevrolet Tahoe and Suburban vehicles, and Cadillac Escalade and Escalade ESV 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 1 :         FMVSS 1 :       108 - Lamps, reflective devices, and assoc. Equipment FMVSS 2 :         NR       Description of the Safety Risk :         Description of the Cause :       If the DRLs do not deactivate when the headlamps are on, the resulting glare could increase the risk of a crash.         Identification of Any Warning that can Occur :       NR         Imponent Name 1 :       MODULE-ASM BODY CONT.         Component Name 1 :       MODULE-ASM BODY CONT.         Component Description :       Body Control Module (BCM)	VIN Range 1:B	egin: NR End: NR 🗌 Not sequential		
Identification of Any Warning that can Occur :       NR         Involved Components :       NR         Component Name 1 :       MODULE-ASM BODY CONT.         Component Description :       Body Control Module (BCM)	FMVSS 2 Description of the Safety Risk	<ul> <li>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.</li> <li>108 - Lamps, reflective devices, and assoc. Equipment</li> <li>NR</li> <li>If the DRLs do not deactivate when the headlamps are on, the resulting glare could increase the risk of a crash.</li> <li>If the DRLs do not deactivate when the headlamps are on, the resulting glare</li> </ul>		
Component Name 1 : MODULE-ASM BODY CONT. Component Description : Body Control Module (BCM)		ng NR		
Component Description : Body Control Module (BCM)	Involved Components :			
	Component Name 1:	MODULE-ASM BODY CONT.		
Component Part Number: 13546033 and 13546036	Component Description :	Body Control Module (BCM)		
	Component Part Number: 13546033 and 13546036			

The information contained in this report was submitted pursuant to 49 CFR  $\S573$ 

### **Supplier Identification :**

**Component Manufacturer** 

Name : NR Address : NR NR Country : NR

#### **Chronology**:

This issue was submitted to GM's Speak Up For Safety (SUFS) program on August 30, 2022, following future vehicle validation testing that led to discovery of the condition in 2021 model year SUVs. GM opened an investigation on September 16, 2022.

GM determined that 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. A regulatory assessment was conducted to evaluate whether the condition presented a potential noncompliance with the DRL activation requirements in S7.10.5, Table I-a. of FMVSS 108. On October 27, 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.
	Pursuant to 49 C.F.R. § 573.13(d)(1), all covered vehicles are under warranty, so reimbursement is not offered.
<b>v 1</b>	Pursuant to 49 C.F.R. § 573.13(d)(1), all covered vehicles are under warranty, so reimbursement is not offered.
Identify How/When Recall Condition was Corrected in Production :	NR

#### **Recall Schedule :**

Description of Recall Schedule :	Dealers will be notified November 3, 2022. Owner notification is
-	expected to begin on December 19, 2022
Planned Dealer Notification Date :	NOV 03, 2022 - NOV 03, 2022
Planned Owner Notification Date :	DEC 19, 2022 - DEC 19, 2022

\* NR - Not Reported

The information contained in this report was submitted pursuant to 49 CFR §573