

# Part 573 Safety Recall Report

# 21V-985

**Manufacturer Name :** General Motors, LLC**Submission Date :** DEC 16, 2021**NHTSA Recall No. :** 21V-985**Manufacturer Recall No. :** N212346510**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 : 626

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2019-2021 Chevrolet Silverado 1500

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Customer sales records were used to identify specific VINs that were originally sold with a 17" spare tire (RPO RHM, QBR, or XCQ) and received either 22" accessory road tires (RPO XD5 or XAH) or 20" accessory road tires (RPO XDF) or 18" accessory road tires (RPO RCP).

Vehicles that did not receive accessory tires are not affected by this recall.

There are 552 Chevrolet Silverado 1500 vehicles affected by this recall.

Production Dates : JUN 22, 2018 - OCT 06, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2019-2021 GMC Sierra 1500

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** Customer sales records were used to identify specific VINs that were originally sold with a 17" spare tire (RPO RHM, QBR, or XCQ) and received either 22" accessory road tires (RPO XD5 or XAH) or 20" accessory road tires (RPO XDF) or 18" accessory road tires (RPO RCP).

Vehicles that did not receive accessory tires are not affected by this recall.

There are 74 GMC Sierra 1500 vehicles affected by this recall.

Production Dates : NOV 16, 2018 - OCT 06, 2021

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 2019 – 2021 model year Chevrolet Silverado 1500 and GMC Sierra 1500 vehicles equipped with a 17" spare tire (RPO RHM, QBR, or XCQ) and also equipped with (i) 22" accessory road tires (RPO XD5 or XAH), (ii) 20" accessory road tires (RPO XDF) or (iii) 18" accessory road tires (RPO RCP). If the original 17" spare tire is installed on the vehicle opposite one of the listed accessory tires, the anti-lock braking system (ABS) may not independently control the rear wheels on low-friction surfaces.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** If the ABS system cannot control the rear wheels independently on low-friction surfaces, there is an increased risk of a crash.

**Description of the Cause :** If installed on opposing rear wheels in the subject vehicles, the difference in revolutions per kilometer (RPK) between (a) the original spare tire and (b) 22", 20", or 18" accessory road tires can interfere with the operation of the vehicle's ABS system.

**Identification of Any Warning that can Occur :** NR

## Involved Components :

Component Name 1 : TIRE

Component Description : 17" Spare Tire

Component Part Number : 23376686, 23376688, 23376706

## Supplier Identification :

### Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

## Chronology :

GM opened an investigation into the subject vehicles on August 13, 2021, in connection with a read-across from a previous investigation that resulted in a recall of 86 heavy-duty trucks that were equipped with certain 17" OEM spare tires and larger diameter accessory road tire combinations. Ref. NHTSA Recall No. 21V578.

GM first analyzed production records to determine which light-duty truck configurations may have been equipped with one of three available 17" OEM spare tires. GM then reviewed accessory-tire sales records to determine whether any of these vehicle configurations may have been offered larger diameter accessory road tires. GM's engineers conducted testing at GM's Milford Proving Grounds to evaluate which configurations, if any, exceeded GM's internal RPK standard when the spare tire is installed.

GM's testing identified several light-duty truck configurations for further investigation. GM's investigation identified zero relevant field reports and no crashes attributable to this condition in these vehicles. On December 9, 2021, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a safety recall.

## Description of Remedy :

**Description of Remedy Program :** Dealers will provide a 17" spare tire and wheel assembly with compatible RPK rating to owners confirmed to have the 22", 20", or 18" accessory road tires. Dealers will also apply a new spare tire information label over the existing tire placard label. Owners will also be provided an Owner's Manual insert clarifying which spare tire that should be used with the 22", 20" and 18" accessory road tires and the spare tire to be used with the 17" original tires.

Pursuant to 577.11, GM will provide reimbursement to owners for repairs according to the plan submitted on May 12, 2021.

**How Remedy Component Differs from Recalled Component :** The provided spare tire has an RPK rating compatible with the listed accessory road tires.

**Identify How/When Recall Condition was Corrected in Production :** On September 28, 2021, GM notified accessory distributors and installers that the 22", 20", and 18" accessory wheels/tires should only be sold to vehicles with compatible spare tires. On November 3, 2021, GM's electronic parts catalog was corrected to restrict availability of 22", 20", or 18" accessory road tires to vehicles with compatible spare tires. GM ecommerce websites (accessories.gmc.com and accessories.chevrolet.com) were similarly updated on October 22, 2021. GM accessories information center (AIC) portal was updated on September 22, 2021.

## Recall Schedule :

**Description of Recall Schedule :** Dealers will be notified on December 16, 2021. Customer notification is expected to occur by January 31, 2021.

**Planned Dealer Notification Date :** DEC 16, 2021 - DEC 16, 2021

**Planned Owner Notification Date :** JAN 31, 2022 - JAN 31, 2022

\* NR - Not Reported