

Part 573 Safety Recall Report

21V-578

Manufacturer Name : General Motors, LLC**Submission Date :** SEP 16, 2021**NHTSA Recall No. :** 21V-578**Manufacturer Recall No. :** N212329780**Manufacturer Information :****Population :****Manufacturer Name :** General Motors, LLC**Number of potentially involved :** 86**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 :** 2020-2021 Chevrolet Silverado 2500**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 ZHQ or ZXT) and received 20" accessory road tires (RPO REM) or 18" accessory road tires (RPO Q2V).

Vehicles with the 18" spare tire or vehicles with road tires other than the 18" and 20" accessory tires are not affected by this recall.

There are 59 Chevrolet Silverado 2500 vehicles affected by this recall.

Production Dates : JUN 13, 2019 - APR 24, 2021**VIN Range 1 : Begin :**

NR

End : NR☐ Not sequential

Vehicle 2 : 2020-2021 GMC Sierra 2500

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 ZHQ or ZXT) and received 20" accessory road tires (RPO REM) or 18" accessory road tires (RPO Q2V).

Vehicles with the 18" spare tire or vehicles with road tires other than the 18" and 20" accessory tires are not affected by this recall.

There are 27 GMC Sierra 2500 vehicles affected by this recall.

Production Dates : JUL 16, 2019 - JUN 01, 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 2020 – 2021 model year Chevrolet Silverado 2500 and GMC Sierra 2500 vehicles equipped with a 17" spare tire (RPO ZHQ or ZXT) and either (i) the 20" accessory road tire (RPO REM) or (ii) the 18" accessory road tire (RPO Q2V). If the 17" spare tire is installed at one of the rear locations in these vehicles while one of the listed accessory tires is installed in the other rear location, differences in revolutions per kilometer (RPK) between the rear tires may prevent the anti-lock braking system (ABS) from controlling the rear wheels independently 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 : The difference in revolutions per kilometer between the 17" spare tire and the 18" and 20" accessory road tires exceeded internal guidelines.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : TIRE

Component Description : 17" Spare Tire

Component Part Number : 23494261, 23376701

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On March 30, 2021, GM opened a product investigation based on a February 3, 2021, Speak up for Safety Submission by a GM vehicle performance engineer who discovered that certain 17" spare tire and 18" or 20" accessory road tire combinations available for model years 2020 and 2021 2500 series trucks exceeded internal guidelines for the difference in RPK for accessory road tires and the OEM 17" spare tire. A test conducted on March 19, 2021 confirmed that the rear differential will prevent the rear tires from rotating at different rates when the 17" spare and a 20" accessory road tire are both installed in the rear. Additional testing conducted on April 19, 2021 showed the rear differential will also prevent independent tire rotation when an 18" accessory road tire is installed in the rear along with the 17" spare. GM is not aware of any accidents or injuries associated with this condition. On July 22, 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 an 18" spare tire and wheel assembly to owners confirmed to have the 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 explaining the 18" spare tire that should be used with 18" or 20" accessory road tires and the 17" spare tire be used with the 17" original tires. 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 18" spare tire has an RPK compatible with both the 18" and 20" accessory road tires.

Identify How/When Recall Condition was Corrected in Production : On March 25, GM notified accessory distributors and installers that the 20" and 18" accessory wheels/tires should not be sold to vehicles with the 17" spare. On May 26, 2021, GM's electronic parts catalogue was corrected to restrict availability of 18" or 20" accessory road tires for these models to vehicles with the 18" spare. GM ecommerce websites (accessories.gmc.com and accessories.chevrolet.com) were similarly updated on May 27, 2021. GM accessories information center (AIC) portal was updated on June 2, 2021.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on July 29, 2021. Interim customer occurred September 9, 2021. Owner notification is estimated to occur October 14, 2021.

Planned Dealer Notification Date : JUL 29, 2021 - JUL 29, 2021

Planned Owner Notification Date : OCT 14, 2021 - OCT 14, 2021

* NR - Not Reported