

Part 573 Safety Recall Report

23V-549

Manufacturer Name : General Motors, LLC

Submission Date : SEP 14, 2023

NHTSA Recall No. : 23V-549

Manufacturer Recall No. : N232414720



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 : 3,893

Estimated percentage with defect : 1 %

Vehicle Information :

Vehicle 1 : 2024-2024 GMC Sierra 2500/3500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records and part supplier shipping records were used to identify vehicles that may have received a steering gear shaft from the supplier's suspect production period.

Vehicles that were not built with a steering gear shaft from the supplier's suspect production period are not part of this recall.

There are 1888 GMC Sierra 2500/3500 vehicles affected by this recall.

Production Dates : JUN 07, 2023 - JUN 24, 2023

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 2 : 2024-2024 Chevrolet Silverado 2500/3500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records and part supplier shipping records were used to identify vehicles that may have received a steering gear shaft from the supplier's suspect production period.

Vehicles that were not built with a steering gear shaft from the supplier's suspect production period are not part of this recall.

There are 2005 Chevrolet Silverado 2500/3500 vehicles affected by this recall.

Production Dates : JUN 07, 2023 -JUN 23, 2023

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 may exist in certain 2024 model year Chevrolet Silverado 2500/3500 and 2024 model year GMC Sierra 2500/3500 vehicles. In these vehicles, the steering gear shaft may contain a supplier manufacturing defect that may result in a fracture of the shaft that attaches to the steering (pitman) arm.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the steering gear shaft fractures and the steering arm becomes disconnected, the driver will be unable to steer the vehicle, increasing the risk of a crash.

Description of the Cause : Certain steering gear shaft components may have been produced with out of specification material that was not properly heat treated by GM's supplier.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : GEAR ASM-HYD RECRG BALL STRG

Component Description : Steering Gear

Component Part Number : 86802095, 86802096, 86802097, 86802098, 86554125

Supplier Identification :

Component Manufacturer

Name : Nexteer

Address : 3900 E Holland Rd
Saginaw Michigan 48601-9494

Country : United States

Chronology :

On June 20, 2023, a GM quality engineer discovered a fractured steering gear shaft on a 2024 model year Chevrolet Silverado HD truck during an alignment operation and submitted a Speak Up For Safety (SUFS) report. On June 21, 2023, GM's supplier determined that certain steering gear shaft parts may have been improperly heat treated.

GM's investigation determined that the use of out of specification material combined with improper heat treatment could result in steering gear shaft parts with material properties outside of specification, which may result in fracture of the shaft. GM is not aware of any field incidents related to this condition.

On July 27, 2023, GM's Safety and Field Action Decision Authority decided to conduct a safety recall.

Description of Remedy :

Description of Remedy Program : Dealers will inspect the steering gear and replace if necessary. 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 replacement steering gear was not produced during the supplier's suspect time period.

Identify How/When Recall Condition was Corrected in Production : Containment efforts were initiated at GM's assembly plants on June 23, 2023, and at GM's distribution center on June 27, 2023. Vehicles produced on or after June 24, 2023, did not include steering gears from the supplier's suspect production period.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on August 3, 2023. Owner notification is estimated to begin on September 21, 2023.

Planned Dealer Notification Date : AUG 03, 2023 - AUG 03, 2023

Planned Owner Notification Date : SEP 21, 2023 - SEP 21, 2023

* NR - Not Reported