

Part 573 Safety Recall Report

20V-650

Manufacturer Name : General Motors LLC**Submission Date :** OCT 22, 2020**NHTSA Recall No. :** 20V-650**Manufacturer Recall No. :** N202314870**Manufacturer Information :****Population :**

Manufacturer Name : General Motors LLC

Number of potentially involved : 42

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

Estimated percentage with defect : 31 %

Company phone : 586-596-1733

Vehicle Information :

Vehicle 1 : 2019-2020 Chevrolet Silverado 1500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records and supplier part trace data were used to identify potentially affected vehicles.

28 Chevrolet Silverado 1500 vehicles are included in this recall.

Production Dates : JAN 14, 2019 - JUN 03, 2020

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2020-2020 Chevrolet Silverado 2500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records and supplier part trace data were used to identify potentially affected vehicles.

3 Chevrolet Silverado 2500 vehicles are included in this recall.

Production Dates : AUG 22, 2019 - MAR 10, 2020

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 3 : 2019-2020 GMC Sierra 1500

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : Manufacturing records and supplier part trace data were used to identify potentially affected vehicles.

11 GMC Sierra 1500 vehicles are included in this recall.

Production Dates : JUN 10, 2019 - MAR 17, 2020

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 – 2020 model year Chevrolet Silverado 1500 and GMC Sierra 1500 vehicles, and 2020 model year Chevrolet Silverado 2500 vehicles. These vehicles may contain a drive shaft with a joint that was improperly welded by the supplier during assembly. If this joint was improperly welded, the drive shaft may separate under load.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the drive shaft separates while driving, the vehicle may experience loss of propulsion, increasing the risk of a crash.

Description of the Cause : The supplier may have failed to adequately weld the drive shaft's yoke-to-tube interface.

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : SHAFT ASM-RR WHL DRV

Component Description : Drive Shaft

Component Part Number : 23370109, 23370115, 23370116, 23370120, 23370121

Component Name 2 : SHAFT ASM-RR WHL DRV

Component Description : Drive Shaft

Component Part Number : 84037032, 84186831, 84500378, 84620585, 84620588, 84620592, 84903268

Supplier Identification :

Component Manufacturer

Name : Meapco

Address : 6735 Haggerty Rd
Belleville 48111

Country : NR

Chronology :

On August 13 and August 19, 2020, two Speak Up for Safety Reports were filed relating to two warranty claims alleging that the drive shafts in a 2020 model year Chevrolet Silverado and a 2019 model year GMC Sierra fractured in the field. GM opened an investigation into these claims on August 21, 2020.

Following these two warranty claims, the supplier conducted an in-depth audit of all drive-shaft components shipped to GM, using weld pressure-curve data to identify potentially suspect welds. Using this method, the supplier identified 42 suspect drive shafts in GM vehicles in the field. On October 15, 2020, GM's Safety and Field Action Decision Authority decided to conduct a safety recall. GM is not aware of any injuries or accidents related to this condition.

Description of Remedy :

Description of Remedy Program : Dealers will replace the drive shaft. 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 : Replacement assemblies were confirmed to be manufactured with sufficient pressure at the supplier's press-fit tooling during assembly of the end-yolk to the tube of the drive shaft.

Identify How/When Recall Condition was Corrected in Production : The supplier improved its process controls on May 26, 2020 to identify suspect welds in production.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on October 22, 2020. Customer notification is estimated to begin on December 7, 2020.

Planned Dealer Notification Date : OCT 22, 2020 - OCT 22, 2020

Planned Owner Notification Date : DEC 07, 2020 - DEC 07, 2020

* NR - Not Reported