

Part 573 Safety Recall Report

23V-042

Manufacturer Name : General Motors, LLC**Submission Date :** FEB 02, 2023**NHTSA Recall No. :** 23V-042**Manufacturer Recall No. :** N222390180**Manufacturer Information :****Population :**

Manufacturer Name : General Motors, LLC

Number of potentially involved : 10

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 : 2023-2023 Chevrolet Blazer

Vehicle Type :

Body Style :

Power Train : NR

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

Vehicles with left-hand half-shaft assemblies built outside the supplier's suspect window are not included in this recall.

There are 8 Chevrolet Blazer vehicles affected by this recall.

Production Dates : AUG 09, 2022 - AUG 09, 2022

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2023-2023 Chevrolet Traverse

Vehicle Type :

Body Style :

Power Train : NR

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

Vehicles with left-hand half-shaft assemblies built outside the supplier's suspect window are not included in this recall.

There are 2 Chevrolet Traverse vehicles affected by this recall.

Production Dates : JUL 26, 2022 - JUL 27, 2022

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 2023 model year Chevrolet Blazer and Chevrolet Traverse vehicles. These vehicles may have left-hand half-shaft assemblies that are missing a retaining ring. If the retaining ring is missing, the half-shaft inner joint may separate from the shaft, which could result in a loss of propulsion and/or a loss of mechanical park.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the vehicle unexpectedly loses propulsion and/or mechanical park, there is increased risk of a crash or roll-away.

Description of the Cause : A supplier quality spill allowed half-shaft assemblies which may have missing retaining rings to pass inspection.

Identification of Any Warning that can Occur : Drivers may hear a grinding or clicking noise from the front of the vehicle.

Involved Components :

Component Name 1 : SHAFT ASM-FRT WHL DRV HALF

Component Description : Shaft Assembly – Front Wheel Drive Half

Component Part Number : 84990736, 84990734

Supplier Identification :**Component Manufacturer**

Name : Nexteer Automotive

Address : 3900 E. Holland Rd.
saginaw Michigan 48601

Country : United States

Chronology :

On November 9, 2022, a GM supplier quality engineer submitted an issue to GM's Speak Up for Safety (SUFS) program regarding a missing retaining ring on a half-shaft that was returned to GM after warranty service on a 2023 Chevrolet Blazer.

On December 6, 2022, GM opened a product investigation. GM's investigation determined that, during a brief

manufacturing period in July 2022, an error in the half-shaft supplier's quality control process may have failed to detect left-hand half-shaft assemblies with missing retaining rings. The supplier corrected the condition on July 15, 2022, but did not contain potentially affected assemblies. Using part traceability data, the supplier and GM identified potentially affected VINs. A review of field data discovered two complaints potentially related to this condition. These complaints were received by GM on September 15, 2022 and November 2, 2022.

On January 26, 2023, GM's Safety and Field Action Decision Authority decided to conduct a safety recall for vehicles that were built with suspect left-hand half-shaft assemblies.

Description of Remedy :

Description of Remedy Program : Dealers will replace the left-hand half-shaft assembly. 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 left-hand half shaft assemblies are produced outside of the supplier's suspect window.

Identify How/When Recall Condition was Corrected in Production : The supplier corrected their error-proofing on July 15, 2022.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on February 2, 2023. Owner notification is estimated to begin on March 24, 2023.

Planned Dealer Notification Date : FEB 02, 2023 - FEB 02, 2023

Planned Owner Notification Date : MAR 24, 2023 - MAR 24, 2023

* NR - Not Reported