

Part 573 Safety Recall Report

22V-091

Manufacturer Name : General Motors, LLC**Submission Date :** FEB 18, 2022**NHTSA Recall No. :** 22V-091**Manufacturer Recall No. :** N212351320**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 : 22

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2022 Chevrolet Corvette

Vehicle Type :

Body Style :

Power Train : NR

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

Vehicles with rear halfshaft assemblies built outside the supplier's suspect window are not included in this recall.

Production Dates : JAN 27, 2021 - SEP 28, 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 2021 – 2022 model year Chevrolet Corvette vehicles. These vehicles may have rear halfshaft assemblies that are missing one or more ball bearings. If any ball bearings are missing, the halfshaft may fail, resulting in a loss of propulsion.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the vehicle unexpectedly loses propulsion, there is increased risk of a crash.

Description of the Cause : A supplier quality spill allowed potentially incorrectly assembled halfshafts to pass inspection.

Identification of Any Warning NR
that can Occur :

Involved Components :

Component Name 1 : SHAFT ASM-RR WHL DRV UJT

Component Description : Rear Halfshaft Assembly

Component Part Number : 85113611

Supplier Identification :**Component Manufacturer**

Name : GKN Automotive

Address : 2200 North Opdyke Rd
Auburn Hills Michigan 48326

Country : United States

Chronology :

On September 2, 2021, a GM engineer conducted a warranty inspection of a rear halfshaft recovered from a 2021 Chevrolet Corvette that fractured and caused the vehicle to lose propulsion. Upon inspection, it was found that the halfshaft was missing two of six ball bearings. Discussions with the supplier indicated the supplier may have failed to discover the misbuild due to a potential failure in its inspection process. On October 7, 2021, a GM engineer submitted a report to GM's Speak Up For Safety (SUFS) program.

On October 16, 2021, the supplier identified 19 VINs containing halfshafts that may have been improperly inspected. GM opened a formal investigation on November 24, 2021. A review of field data completed on January 22, 2022 revealed no additional relevant field incidents. GM is not aware of any injuries or crashes related to this condition. 18 of the 19 vehicles with suspect parts are currently in the U.S. On February 10, 2022, GM's Safety and Field Action Decision Authority decided to conduct a safety recall for vehicles that may have received suspect rear halfshaft assemblies. On February 17, 2022, the supplier notified GM of six additional affected vehicles that were inadvertently left out of earlier communications. Four of these additional vehicles are in the US.

Description of Remedy :

Description of Remedy Program : Dealers will replace left or right rear halfshaft assemblies. 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 rear halfshafts are produced outside of the supplier's suspect window.

Identify How/When Recall Condition was Corrected in Production : The supplier sorted and inspected all parts at their facility on September 21, 2021. Vehicles produced at GM's assembly plant after September 28, 2021 used parts from outside the supplier's suspect window.

Recall Schedule :

Description of Recall Schedule : Dealers will be notified on February 17, 2022. Owner notification is estimated to begin on April 4, 2022.

Planned Dealer Notification Date : FEB 17, 2022 - FEB 17, 2022

Planned Owner Notification Date : APR 04, 2022 - APR 04, 2022

* NR - Not Reported