

# Part 573 Safety Recall Report

# 23V-047

**Manufacturer Name :** General Motors, LLC**Submission Date :** APR 17, 2023**NHTSA Recall No. :** 23V-047**Manufacturer Recall No. :** N222368030**Manufacturer Information :****Population :**

Manufacturer Name : General Motors, LLC

Number of potentially involved : 22,132

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

Estimated percentage with defect : 7 %

Company phone : 586-596-1733

**Vehicle Information :**

Vehicle 1 : 2017-2019 GMC Sierra 2500/3500

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** GM manufacturing records were used to determine the recall population. This recall affects "Diesel" trucks (RPO L5P) with the dual fuel tank option (RPO N2N). Gasoline Trucks or diesel vehicles with a single fuel tank and 1500 series trucks are not affected by this recall.  
There are 4,696 GMC Sierra 2500/3500 vehicles included in this recall.

Production Dates : NOV 21, 2016 - APR 12, 2019

VIN Range 1 : Begin : NR End : NR

 Not sequential

Vehicle 2 : 2017-2019 Chevrolet Silverado 2500/3500

Vehicle Type :

Body Style :

Power Train : NR

**Descriptive Information :** GM manufacturing records were used to determine the recall population. This recall affects "Diesel" trucks (RPO L5P) with the dual fuel tank option (RPO N2N). Gasoline Trucks or diesel vehicles with a single fuel tank and 1500 series trucks are not affected by this recall.  
There are 17,436 Chevrolet Silverado 2500/3500 vehicles included in this recall.

Production Dates : JUL 20, 2016 - APR 18, 2019

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 2017-2019 model year Chevrolet Silverado 2500/3500 and GMC Sierra 2500/3500 trucks with the diesel engine (RPO L5P) and the dual fuel tank (RPO N2N) configuration. In these vehicles, the rear fuel pump may not transfer adequate fuel to the front tank, which can cause a stall.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A vehicle stall could increase the risk of a crash.

Description of the Cause : If the tank vent in the rear fuel tank becomes clogged with debris, a vacuum effect created during fuel transfer could cause the rear tank to collapse. If this occurs, the system may not provide sufficient fuel to the engine.

Identification of Any Warning that can Occur : The driver may experience inaccurate or erratic fuel gage readings, engine stumble, a check engine light, and/or slow engine start.

**Involved Components :**

Component Name 1 : TANK ASM-AUX FUEL

Component Description : Fuel Tank Assembly

Component Part Number : 84212974, 84277668, 84462358

**Supplier Identification :****Component Manufacturer**

Name : [Intentionally left blank]

Address : NR

NR

Country : NR

**Chronology :**

On August 2, 2022, GM opened a product investigation based on field data that indicated a relatively high rate of warranty returns alleging a loss of propulsion in 2019 model year Chevrolet Silverado 2500/3500 vehicles. The investigation was later expanded to include additional model years, all diesel engine vehicle segments, and the GMC Sierra sister vehicle.

Between August 2022 and December 2022, GM analyzed warranty return information and field data claims

potentially related to loss of propulsion in the subject vehicles. GM also met with GM internal fuel-system experts and suppliers. GM's investigation ultimately identified a small segment of diesel vehicles in this investigation population—vehicles with the dual tank configuration—that appeared to be susceptible to debris blockage on the top of the rear fuel tank. Within this vehicle population, GM's investigation identified approximately 1,600 tank or fuel pump module damage claims. The first claim was received by GM on June 12, 2017. GM is not aware of any accidents or injuries associated with this condition.

On January 26, 2023, GM's Safety Field Action Decision Authority (SFADA) decided to conduct a safety recall on all 2017 – 2019 model year Chevrolet Silverado 2500/3500 and GMC Sierra 2500/3500 diesel trucks with the dual fuel tank configuration.

## Description of Remedy :

**Description of Remedy Program :** Dealers will inspect the fuel tank and fuel pump module and replace them if damaged due to this condition. Dealers will add a vent hose to all recalled vehicles' rear tank assembly. Pursuant to 577.11, GM will provide reimbursement to owners for repairs according to the plan submitted on May 12, 2021.

**How Remedy Component Differs from Recalled Component :** The added vent hose repositions the opening to an area that will reduce the opportunity for debris to clog the tank vent and cause this condition.

**Identify How/When Recall Condition was Corrected in Production :** The vent hose was added to the fuel system design starting with 2020 model year 2500/3500 trucks.

## Recall Schedule :

**Description of Recall Schedule :** Dealers will be notified on February 2, 2023. Owner interim notification is estimated to begin on March 24, 2023. Owner notification of an available remedy is estimated to begin May 17, 2023

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

**Planned Owner Notification Date :** MAY 17, 2023 - MAY 17, 2023

\* NR - Not Reported