

# Part 573 Safety Recall Report

## 22V-316

**Manufacturer Name :** Custom Fire Apparatus, Inc.

**Submission Date :** MAY 23, 2022

**NHTSA Recall No. :** 22V-316

**Manufacturer Recall No. :** 21V-899



### Manufacturer Information :

**Manufacturer Name :** Custom Fire Apparatus, Inc.

**Address :** 509 68th Ave

Osceola WI 54020

**Company phone :** 294-2555

### Population :

**Number of potentially involved :** 5

**Estimated percentage with defect :** 100 %

### Vehicle Information :

**Vehicle 1 :** 2021-2022 Spartan Gladiator, MetroStar, and MetroStar-RT

**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES

**Body Style :** 4-DOOR

**Power Train :** DIESEL

**Descriptive Information :** 3 vehicles identified from Spartan Motors are possibly affected. Spartan Fire, LLC has decided that a defect which relates to motor vehicle safety exists in certain model year 2021-2022, Gladiator, MetroStar, and MetroStar-RT model emergency response chassis cabs, equipped with Meritor Series 180 Axle Pinion Shaft.

**Production Dates :** JAN 01, 2021 - JAN 03, 2022

**VIN Range 1 : Begin :** 4S9CU2D9XMC560396 **End :** 4S9CV2D97MC560160 ☒ Not sequential

### Description of Defect :

**Description of the Defect :** It has been reported that some Meritor drive pinion 180 series axles may be fractured in the pinion spline.

If this defect exists, the fracturing of the pinion may hit the brake drop hose which may unintentionally apply the parking brake without detection or brake lights coming on, possibly resulting in a crash. The issue could occur without warning.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** If this defect exists, the fracturing of the pinion may hit the brake drop hose which may unintentionally apply the parking brake without detection or brake lights coming on, possibly resulting in a crash. The issue could occur without warning.

**Description of the Cause :** NR

Identification of Any Warning None  
that can Occur :

### Involved Components :

Component Name 1 : Meritor drive pinion

Component Description : NR

Component Part Number : NR

### Supplier Identification :

#### Component Manufacturer

Name : Spartan Fire, LLC

Address : 1541 Reynolds Road  
Charlotte Michigan 48813

Country : United States

### Chronology :

CustomFIRE received the initial recall letter from Spartan Fire LLC in January of 2022 citing 3 affected chassis and an amended letter in May of 2022 with 2 additional chassis to be added to the recall.

## Description of Remedy :

Description of Remedy Program : A Meritor representative will contact you to schedule the axle pinion inspection and repair as needed. The inspection will need to be performed with a service technician and Meritor representative. The inspection will take approximately 1 hour. If it is determined that the pinion is fractured, Meritor will inform you and Spartan that the Differential Carrier Housing Assembly will need to be replaced. Contact your local Dealer for assistance with facilitating the repair. The repair will take approximately 5 hours to complete. There is no cost to the vehicle owner for the recall remedy.

Meritor and/or Spartan will contact all owners of these units that are affected by this recall. They will be directed to the appropriate service provider for repair. Spartan and Meritor are providing, free of charge, the necessary components to rectify the issue and will pay labor costs for inspecting and replacing the included components that have not already been replaced during normal maintenance.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : January 2022

## Recall Schedule :

Description of Recall Schedule : Contacting all 3 customers today, May 9th, 2022

Planned Dealer Notification Date : MAY 09, 2022 - MAY 09, 2022

Planned Owner Notification Date : MAY 09, 2022 - MAY 09, 2022

\* NR - Not Reported