

# Part 573 Safety Recall Report

## 21V-628

**Manufacturer Name :** Custom Fire Apparatus, Inc.**Submission Date :** MAR 02, 2023**NHTSA Recall No. :** 21V-628**Manufacturer Recall No. :** NR**Manufacturer Information :****Population :**

Manufacturer Name : Custom Fire Apparatus, Inc.

Number of potentially involved : 12

Address : 509 68th Ave

Estimated percentage with defect : 100 %

Osceola WI 54020

Company phone : 294-2555

**Vehicle Information :**

Vehicle 1 : 2009-2021 Spartan Gladiator MetroStar MetroStarX

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** On the affected vehicles, this potential defect is related to the remedy of a previous recall 18V-424. The interior parts of the pump shift solenoid may become corroded and subsequently fail. When the solenoid fails, power to the pump control module may be lost. The vehicle may not shift into pump mode.

Production Dates : DEC 29, 2008 - AUG 10, 2021

VIN Range 1 : Begin : 4S7CW2D90HC081798 End : 4S7AU2D9XLC088070 ☒ Not sequential**Description of Defect :**

**Description of the Defect :** On the affected vehicles, this potential defect is related to the remedy of a previous recall 18V-424. The interior parts of the pump shift solenoid may become corroded and subsequently fail. When the solenoid fails, power to the pump control module may be lost. The vehicle may not shift into pump mode.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** A loss of power to the pump control module may cause the vehicle to not shift into pump mode. This increases the risk of personal injury and equipment damage.

**Description of the Cause :** Faulty remedy of a previous recall 18V-424

**Identification of Any Warning that can Occur :** The solenoid could fail without warning.

**Involved Components :**

Component Name 1 : pump shift solenoid

Component Description : NR

Component Part Number : NR

### Supplier Identification :

#### Component Manufacturer

Name : Spartan Fire LLC

Address : 1541 Reynolds Rd  
Charlotte Michigan 48813

Country : United States

### Chronology :

Spartan sent a letter to dealers informing dealers of the recall and affected vehicles on June 3, 2021. Letters were sent to affected customers in August and reported to NHTSA in August. Spartan is working directly with affected customers to remedy the problem. CustomFIRE has no direct knowledge of how many affected vehicles there may be, how many required warranty work, or if there was any injury or death as a result of this issue.

### Description of Remedy :

Description of Remedy Program : Vehicles will need the pump shift solenoid to be removed and replaced. Spartan (the chassis manufacturer) will be replacing the affected parts at no cost to the end users.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

### Recall Schedule :

Description of Recall Schedule : All letters were mailed to owners of vehicles by Spartan Motors the same day they emailed the dealers (we are a dealer for Spartan).

Planned Dealer Notification Date : AUG 10, 2021 - AUG 11, 2021

Planned Owner Notification Date : AUG 10, 2021 - AUG 11, 2021

\* NR - Not Reported