

# Part 573 Safety Recall Report

## 24V-799

**Manufacturer Name :** Spartan Fire, LLC**Submission Date :** OCT 24, 2024**NHTSA Recall No. :** 24V-799**Manufacturer Recall No. :** 24014**Manufacturer Information :****Manufacturer Name :** Spartan Fire, LLC**Address :** 1541 Reynolds Road  
Charlotte MI 48813**Company phone :** 517-588-4700**Population :****Number of potentially involved :** 50**Estimated percentage with defect :** 50 %**Vehicle Information :****Vehicle 1 :** 2024-2025 Spartan Fire Gladiator, Metro Star, FC-94, and KME Panther**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES**Body Style :** OTHER**Power Train :** DIESEL**Descriptive Information :** This recall is based on information supplied by the Supplier. Supplier provided initial ship date to Spartan of product affected. Spartan pulled a population by the part number and date range of product issued to determine the affected list. The chassis cab and emergency response vehicles affected by this recall are equipped with a DTS 1180-EE1-011 cab tilt cylinder.

Quantity 8 – Metro Star 2024 model year trucks affected.

Quantity 9 – FC-94 2024 model year trucks affected.

Quantity 2 – Gladiator 2025 model year trucks affected.

Quantity 16 – Metro Star 2025 model year trucks affected.

Quantity 13 – FC-94 2025 model year trucks affected.

Quantity 2 – KME Panther 2025 model year trucks affected.

**Production Dates :** AUG 21, 2024 - OCT 14, 2024**VIN Range 1 : Begin :**

NR

**End :** NR☐ Not sequential**Description of Defect :****Description of the Defect :** Potential for overextension of the cab tilt cylinder due to missing mechanical stop. Overextension can result in separation of the cylinder. This defect does not affect the vehicle while in motion.**FMVSS 1 :** NR**FMVSS 2 :** NR**Description of the Safety Risk :** In the event where the operator does not follow the cab tilt procedure, it could result in an overextension of the cab tilt cylinder. Should the overextension of the cab tilt cylinder occur, the cab could drop at an

accelerated speed, increasing the risk of personal injury.

Description of the Cause : The new sub supplier did not control the extended cylinder dimension.

Identification of Any Warning that can Occur : This could occur without warning.

Involved Components :

Component Name 1 : Cylinder-Cab Lift

Component Description : Cab Tilt Cylinder

Component Part Number : 1180-EE1-011

Supplier Identification :

Component Manufacturer

Name : DTS Fluid Power LLC

Address : 3560 Busch Drive

Grandville Michigan 49418

Country : United States

Chronology :

October 16, 2024 – Spartan Chassis production had cab tilt cylinder failure in inventory.

October 18, 2024 – Final stage manufacturer had the cab tilt cylinders fail during a tilting event. Spartan started investigations with Engineering and the Supplier. Quality alert issued in Spartan Chassis production.

October 21, 2024 – Spartan determined the potential population and issued an initial stop ship at Spartan Chassis. PSR team created. Spartan issued SCAR with Supplier.

October 22, 2024 – Spartan received additional information from Supplier on receival date of suspect product and filtered population. Spartan issued stop ship to all Spartan campuses and completed risk assessment.

October 23, 2024 – Spartan determined final population. Escalated the issue to REV Group Management.

October 24, 2024 – REV’s senior leadership approved a voluntary recall for this issue.

Description of Remedy :

Description of Remedy Program :	The Final Stage Manufacturer or Dealer will complete an inspection to determine if the vehicle is affected by this defect. The vehicles affected will have the cylinders replaced with a conforming cylinder. This will be covered under the normal warranty process.
How Remedy Component Differs from Recalled Component :	The remedy component will be a cylinder built with a mechanical stop included.
Identify How/When Recall Condition was Corrected in Production :	Spartan issued stop ship in production as of October 21, 2024.

Recall Schedule :

Description of Recall Schedule :	Spartan to begin Dealer and Final Stage Manufacturer notifications by the week of October 28, 2024 and Owner notifications by the week of November 4, 2024.
Planned Dealer Notification Date :	OCT 28, 2024 - NOV 01, 2024
Planned Owner Notification Date :	NOV 04, 2024 - NOV 08, 2024

\* NR - Not Reported