



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Part 573 Safety Recall Report

25V584

Manufacturer Name: Spartan Fire, LLC

Submission Date: Sep 06, 2025

NHTSA Recall No.: 25V584

Manufacturer Recall No.: 25010

Manufacturer Information

Population

Manufacturer Name: Spartan Fire, LLC

Address: 1541 Reynolds Road
Charlotte MI, 48813

Total number of potentially involved: 1,260

Estimated percentage with defect: 50%

Vehicle Information

Vehicle 1: 2024-2025 KME PREDATOR

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Emergency Vehicle

Fuel / Propulsion:

Production Dates: Jul 31, 2024 - Mar 27, 2025

Number of potentially involved: 3

Descriptive Information:

This recall is a pass through recall for door latch assemblies supplied by TriMark which do not meet design specifications. Supplier provided part numbers and production dates of affected product shipped to Spartan. Spartan pulled a population by the part numbers and date range of product issued to determine the affected list of vehicles. The chassis cab and emergency response vehicles affected by this recall are equipped with TriMark 0557-EE3-001 (LH) or 0534-EE3-001 (RH) latch logic assemblies.

Vehicle 2: 2023-2026 SPARTAN FIRE FC-94

Product Category: Buses, Medium & Heavy Vehicles

Product Type:

Fuel / Propulsion:

Production Dates: Nov 08, 2023 - Aug 19, 2025

Number of potentially involved: 430

Descriptive Information:

This recall is a pass through recall for door latch assemblies supplied by TriMark which do not meet design specifications. Supplier provided part numbers and production dates of affected product shipped to Spartan. Spartan pulled a population by the part numbers and date range of product issued to

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determine the affected list of vehicles. The chassis cab and emergency response vehicles affected by this recall are equipped with TriMark 0557-EE3-001 (LH) or 0534-EE3-001 (RH) latch logic assemblies.

Vehicle 3: 2023-2026 SPARTAN FIRE METROSTAR

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Emergency Vehicle

Fuel / Propulsion:

Production Dates: Nov 08, 2023 - Aug 15, 2025

Number of potentially involved: 587

Descriptive Information:

This recall is a pass through recall for door latch assemblies supplied by TriMark which do not meet design specifications. Supplier provided part numbers and production dates of affected product shipped to Spartan. Spartan pulled a population by the part numbers and date range of product issued to determine the affected list of vehicles. The chassis cab and emergency response vehicles affected by this recall are equipped with TriMark 0557-EE3-001 (LH) or 0534-EE3-001 (RH) latch logic assemblies.

Vehicle 4: 2023-2026 SPARTAN FIRE GLADIATOR

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Emergency Vehicle

Fuel / Propulsion:

Production Dates: Nov 09, 2023 - Jul 29, 2025

Number of potentially involved: 188

Descriptive Information:

This recall is a pass through recall for door latch assemblies supplied by TriMark which do not meet design specifications. Supplier provided part numbers and production dates of affected product shipped to Spartan. Spartan pulled a population by the part numbers and date range of product issued to determine the affected list of vehicles. The chassis cab and emergency response vehicles affected by this recall are equipped with TriMark 0557-EE3-001 (LH) or 0534-EE3-001 (RH) latch logic assemblies.

Vehicle 5: 2023-2026 KME PANTHER

Product Category: Buses, Medium & Heavy Vehicles

Product Type: Emergency Vehicle

Fuel / Propulsion:

Production Dates: Nov 14, 2023 - Jun 23, 2025

Number of potentially involved: 52

Descriptive Information:

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Defect / Noncompliance Description

Description of the defect or noncompliance:

There is a possibility that a shorter actuator lever arm will wedge or bind which could cause a lock-in or lock-out situation. The combination of the shorter actuator lever arm and thicker door frame at 3/16" causes this condition

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

If this condition exists, the door will not be able to be operated due to the actuator lever arm being bypassed or bound. This causes a lock-in and lock-out situation, not allowing the door to be opened. In case of an emergency, should this condition exist, it could increase the risk of potential injury or harm to the occupants.

Description of the cause:

The cause of the potential failure was a progressive die made the incorrect length of lever arm.

Identification of any warning that can occur:

This could occur without warning.

Component Manufacturer

Tier of Supplier: Tier 1

Supplier Type: OEM

Name: TriMark Corporation

Address: 500 Bailey Ave
New Hampton IA, 50659

Country: United States

Involved Components

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Component Name 1: Latch Logic Assembly

Component Description: Latch Logic LH

Component Part Number: 0557-EE3-001 (Supplier 19232-01)

Component Name 2: Latch Logic Assembly

Component Description: Latch Logic RH

Component Part Number: 0534-EE3-001 (Supplier 19233-01)

Chronology

May 1, 2025 – Spartan Fire Chassis (Spartan) received claim of a cab door latch logic issue.

May 5, 2025 – Spartan notified supplier of issue.

May 19, 2025 – Spartan received parts from field and started internal investigation with Engineering and Supplier.

June 19, 2025 – Spartan shipped returned parts back to Supplier.

June 24, 2025 – Supplier received parts from Spartan.

July 1 – August 8, 2025 – Supplier started corrective action request to determine root cause, started cycle testing on door frames, and contained internal inventory. Spartan opened PSR, issued SCAR with Supplier, reviewed chassis cab production inventory and identified potential population.

August 13, 2025 – Supplier was onsite at Spartan Fire Chassis production to review application of the product, confirmation of the test results, and product inspection procedures.

August 20, 2025 – Spartan conducted risk assessment and stop ship issued.

August 21, 2025 – Spartan escalated the issue to REV Group Management.

August 29, 2025 – REV's senior leadership approved a voluntary recall for this issue.

September 5, 2025 - Spartan determined final population.

Related NHTSA Recall Number: Reference supplier recall 25E055

Description of Remedy

Remedy Type: Inspect, Replace

Consumer Advisories: Do Not Drive Park Outside

Description of remedy program:

An inspection will be completed following a published Spartan inspection procedure to determine if the

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vehicle is affected by this defect. The vehicles affected will have the latch logic assembly replaced with conforming logic at the Final Stage Manufacturer or Dealer. The Supplier will provide the number of logics needed for the replacements. This will be covered under the normal warranty process.

How remedy component differs from recalled component:

The remedy component will be made to print and marked with a yellow paint stick on the visible portion of the lever while installed in the door to serve as identification of the remedy component as well as remedied door.

Identify how/when recall condition was corrected in production:

Spartan verified latch logic inventory as of July 18, 2025 for part number 0534-EE3-001 and August 27, 2025 for part number 0557-EE3-001. Spartan issued stop ship at Spartan campuses as of August 20, 2025. Supplier contained product as of July 1, 2025. Supplier's stamping tool is in process of adding sensors to stop the creation of an incorrect actuator arm, a component of the logic. Estimated completion date of the sensors is September 5, 2025.

Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

Spartan to begin owner notifications by the week of October 6, 2025.

Planned Dealer Notification Date: Sep 29, 2025 - Oct 03, 2025

No Dealers

Planned Interim Owner Notification Date:

No Owners

Planned Remedy Owner Notification Date: Oct 06, 2025 - Oct 31, 2025

Phased Recall

Date when VIN will be searchable: