



U.S. Department  
of Transportation

National Highway  
Traffic Safety  
Administration

## Part 573 Safety Recall Report

## 25V706

**Manufacturer Name:** Alexis Fire Equipment Company

**Submission Date:** Oct 16, 2025

**NHTSA Recall No.:** 25V706

**Manufacturer Recall No.:**

### Manufacturer Information

### Population

**Manufacturer Name:** Alexis Fire Equipment  
Company

**Address:** 109 E Broadway Ave  
PO Box 549  
Alexis IL, 61412

**Total number of potentially involved:** 22

**Estimated percentage with defect:**

### Vehicle Information

**Vehicle 1:** 2020-2024 Alexis Fire Equipment Fire Apparatus Tanker

**Product Category:** Buses, Medium & Heavy Vehicles

**Product Type:** Emergency Vehicle

**Fuel / Propulsion:** Compression Ignition Fuel

**Production Dates:** Jan 01, 2020 - Dec 31, 2024

**Number of potentially involved:** 4

**Descriptive Information:**

Spartan Fire, LLC decided that a defect which relates to motor vehicle safety exists in certain model years 2023-2026 Gladiator, Metro Star, FC-94 Chassis. Spartan Fire LLC contacted all Final Stage Manufacturers that have purchased chassis with this defect and provided a list of vehicles that may contain this defect. On the affected vehicles, there is a possibility that a shorter actuator level arm will wedge or bind which could cause a lock-in or lock-out situation.

**Vehicle 2:** 2024-2024 Alexis Fire Equipment Fire Apparatus Rescue

**Product Category:** Buses, Medium & Heavy Vehicles

**Product Type:** Emergency Vehicle

**Fuel / Propulsion:** Compression Ignition Fuel

**Production Dates:** Jan 01, 2024 - Dec 31, 2024

**Number of potentially involved:** 1

**Descriptive Information:**

Spartan Fire, LLC decided that a defect which relates to motor vehicle safety exists in certain model years 2023-2026 Gladiator, Metro Star, FC-94 Chassis. Spartan Fire LLC contacted all Final Stage Manufacturers that have purchased chassis with this defect and provided a list of vehicles that may

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contain this defect. On the affected vehicles, there is a possibility that a shorter actuator level arm will wedge or bind which could cause a lock-in or lock-out situation.

**Vehicle 3:** 2020-2025 Alexis Fire Equipment Fire Apparatus Pumper

**Product Category:**

**Product Type:**

**Fuel / Propulsion:** Compression Ignition Fuel

**Production Dates:** Jan 01, 2020 - Nov 01, 2025

**Number of potentially involved:** 17

**Descriptive Information:**

Spartan Fire, LLC decided that a defect which relates to motor vehicle safety exists in certain model years 2023-2026 Gladiator, Metro Star, FC-94 Chassis. Spartan Fire LLC contacted all Final Stage Manufacturers that have purchased chassis with this defect and provided a list of vehicles that may contain this defect. On the affected vehicles, there is a possibility that a shorter actuator level arm will wedge or bind which could cause a lock-in or lock-out situation.

### 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.

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## Component Manufacturer

**Tier of Supplier:** Tier 1  
**Supplier Type:** OEM  
**Name:** Spartan Fire LLC  
**Address:** 1541 Reynolds Road  
Charlotte MI, 48813  
**Country:** United States

**Tier of Supplier:** Tier 1  
**Supplier Type:** OEM  
**Name:** TriMark Corporation  
**Address:** 500 Bailey Ave  
Hampton IA, 50659  
**Country:** United States

## Involved Components

**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.

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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.

October 14, 2025 - Alexis Fire Equipment was notified by Spartan about the recall and provided with the recall population

**Related NHTSA Recall Number:**

## 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 vehicle is affected by this defect. The vehicles affected will have the latch logic assembly replaced with conforming logic at the Alexis Fire Equipment or at an Alexis Authorized Dealer. The Supplier will provide the number of logics needed for the replacements. This will be covered under the normal warranty process at no charge to the customer.

### 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. Alexis was notified of the defect October 14, 2025 and is inspecting and correcting all units in production.

## Reimbursement Plan

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**Description of reimbursement program:**

We will coordinate with customers to schedule an inspection either at the Alexis factory or through their local authorized dealer. If the vehicle is found to contain the affected component, the defective latch logic assembly will be replaced at no cost to the owner. The inspection and repair process is expected to take approximately one hour to complete.

**Period of reimbursement:**

Until all units are inspected and if deemed necessary corrected.

**Costs to be reimbursed:**

The inspection and repair if necessary will be completed at no charge to the customer.

**Address for reimbursement claims:**

## Recall Schedule

**Description of recall schedule:**

Once approved dealer and owner notification letters will be sent starting October 27, 2025 and ending November 7, 2025.

**Planned Dealer Notification Date:** Oct 27, 2025 - Nov 07, 2025

No Dealers

**Planned Interim Owner Notification Date:**

No Owners

**Planned Remedy Owner Notification Date:** Oct 27, 2025 - Nov 07, 2025

Phased Recall

**Date when VIN will be searchable:**