

Part 573 Safety Recall Report

23V-748

Manufacturer Name : Alexis Fire Equipment Company**Submission Date :** MAR 27, 2024**NHTSA Recall No. :** 23V-748**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Alexis Fire Equipment Company

Address : 109 E Broadway Ave

PO Box 549 Alexis IL 61412

Company phone : 309-482-6121

Population :

Number of potentially involved : 27

Estimated percentage with defect : 4 %

Vehicle Information :

Vehicle 1 : 2021-2024 Spartan Fire LLC Spartan Fire Gladiator, Metro Star, FC-94

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The basis for this recall population are emergency response cab chassis equipped with a Wabco inversion valve.

Quantity 10 - FC-94 - 2022 model year trucks affected.

Quantity 3 - MetroStar 2022 model year trucks affected.

Quantity 9 - FC-94 2023 model year trucks affected.

Quantity 2 - MetroStar 2023 model year trucks affected.

Quantity 2 - Gladiator 2023 model year trucks affected.

Quantity 1 - MetroStar 2024 model year truck affected.

Production Dates : JUN 01, 2022 -SEP 30, 2023

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : A defect in the inversion valve may cause the park brake engagement to be intermittently delayed. As such, these vehicles may fail to comply with the requirements of Federal Motor Vehicle Safety Standard (FMVSS) number 121, "Air Brake Systems".

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

Description of the Safety Risk : If this condition exists, the park brake may not be applied within 3 seconds, resulting in inadvertent vehicle movement and possible injury.

Description of the Cause : Spartan Fire LLC has determined the inversion valve was determined to be out of specification, but confirmation of root cause is still under investigation.

Identification of Any Warning that can Occur : The issue would be detectable by not hearing the audible set.

Involved Components :

Component Name 1 : Wabco Inversion Valve

Component Description : Inversion Valve

Component Part Number : 9718990020

Supplier Identification :

Component Manufacturer

Name : WABCO

Address : 1220 Pacific Dr
Auburn Hills Michigan 48326-1589

Country : United States

Chronology :

Alexis Fire Equipment was notified by Spartan Fire LLC of the possible safety defect along with the list of chassis/vehicles sold to Alexis Fire Equipment that could have the possible safety defect. All testing and decision for the safety defect recall was completed by Spartan File LLC.

Description of Remedy :

Description of Remedy Program : Spartan Fire LLC has provided a Recall Service Bulletin along with a list of vehicles sold to Alexis Fire Equipment that may have the defective inversion valve. Customers and dealers will be notified. Alexis Fire Equipment and its Spartan Fire LLC certified dealers will work with customers having the affected vehicles to inspect and replace any defective inversion valves according to the procedure listed in the provided Spartan Fire LLC Recall Service Bulletin. Customers will not be billed for the time necessary to inspect and replace any of the inversion valves on the recalled vehicles. No reimbursement will be offered as all vehicles are under warranty.

How Remedy Component Differs : According to the information provided by Spartan Fire LLC the recalled

from Recalled Component : component does not have a green mark on the ID tag of the inversion valve.

Identify How/When Recall Condition was Corrected in Production : Information has not been provided by Spartan Fire LLC. Any information provided by Spartan Fire LLC lists this as still under investigation.

Recall Schedule :

Description of Recall Schedule : Customer and dealer notification letters will be sent.

Planned Dealer Notification Date : NOV 14, 2023 - NOV 28, 2023

Planned Owner Notification Date : NOV 14, 2023 - NOV 28, 2023

* NR - Not Reported