

Part 573 Safety Recall Report

24V-007

Manufacturer Name : Marion Body Works Inc.**Submission Date :** JAN 08, 2024**NHTSA Recall No. :** 24V-007**Manufacturer Recall No. :** 23V-631**Manufacturer Information :****Population :**

Manufacturer Name : Marion Body Works Inc.

Number of potentially involved : 2

Address : 211 West Ramsdell St.

Estimated percentage with defect : 100 %

Marion WI 54950

Company phone : 715-754-5261

Vehicle Information :

Vehicle 1 : 2024-2024 Spartan Fire MetroStar

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 - Metro Star 2024 model year trucks affected.

Production Dates : JAN 01, 2023 - JUN 14, 2023

VIN Range 1 : Begin : 4S9CT2D91RC560877 End : 4S9CT2D92RC560726 ☒ 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 : 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 : Inversion Valve

Component Description : NR

Component Part Number : Spartan PN: 1617-MM5/Wabco PN: 9718990020

Supplier Identification :

Component Manufacturer

Name : Wabco/ZF Group

Address : 12001 Tech Center Drive

Livonia Michigan 48150

Country : United States

Chronology :

August 12, 2022 – January 18, 2023 – Internal production intermittent, non-repeatable issues being investigated.

January 19, 2023 – Spartan received notice from Final Stage Manufacturer of repeatable potential delay when engaging the park brake.

January 23 – August 31, 2023 – Spartan worked with Wabco to investigate the issue, created a PSR team, quality alert, as well as conducted a risk assessment. Wabco and their supplier completed various types of inspections and testing on returned parts. (Chronology details will be provided in a separate document).

August 31, 2023 - Reviewed warranty one last time and found recent claims found at the end user. Therefore, the PSR team conducted another risk assessment.

September 5, 2023 – Spartan escalated the issue to REV Group Management.

September 6, 2023 – Stop ship issued.

September 7, 2023 – REV's senior leadership approved a voluntary recall for this issue.

December 19, 2023 - Marion Body Works was issued a safety recall notice from Spartan.

January 8, 2024 - Marion Body Works submitted a safety recall to NHTSA.

Description of Remedy :

Description of Remedy Program : NR

How Remedy Component Differs
from Recalled Component :

Identify How/When Recall Condition
was Corrected in Production :

Recall Schedule :

Description of Recall Schedule :	Marion Body Works will begin dealer and customer notifications by the week of January 22, 2024.
Planned Dealer Notification Date :	JAN 22, 2024 - JAN 26, 2024
Planned Owner Notification Date :	JAN 22, 2024 - JAN 26, 2024

* NR - Not Reported