

# Part 573 Safety Recall Report

# 18V-932

**Manufacturer Name :** Spartan Motors USA**Submission Date :** DEC 26, 2018**NHTSA Recall No. :** 18V-932**Manufacturer Recall No. :** 18038**Manufacturer Information :**

Manufacturer Name : Spartan Motors USA

Address : 1541 Reynolds Road

Charlotte MI 48813

Company phone : 517-543-6400

**Population :**

Number of potentially involved : 138

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2011-2019 Spartan Emergency Respons Gladiator and Metro Star

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

**Descriptive Information :** The basis of this recall is based on actual brake timing testing of varying configurations of the air brake system on chassis cabs that are to be completed as fire apparatus. Vehicles subject to this filing are equipped with tandem axles, drum brakes at the rear axles and Electronic Stability Control (ESC). The plumbing of the trigger line for the spring brake relay is plumbed to the treadle valve. to the balance port of the rear integral valve.

Production Dates : SEP 26, 2011 - OCT 01, 2018

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

**Description of the Noncompliance :** Vehicles subject to this condition may exceed the brake release timing requirements of the air brakes (for trucks) as defined in S.5.3.4 of FMVSS 121

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

**Description of the Safety Risk :** Air brakes on vehicles subject to this condition may not release per the requirement. A slight delay in vehicle movement may occur.

**Description of the Cause :** Still under evaluation.

**Identification of Any Warning that can Occur :** There is no warning to the driver of this condition.

**Supplier Identification :****Component Manufacturer**

Name : NR  
Address : NR  
NR  
Country : NR

**Chronology :**

Brake timing testing has been conducted on multiple configurations, and is still being conducted, since the week of 12/3/2018. During this time, as configurations of potentially non-compliant vehicles were identified, Spartan conducted searches to identify affect VIN's which were built with those affected air brake system configurations. On 12/18, Spartan completed its work on identifying the affected VIN's for each scenario. On 12/19, Spartan determined a non-compliance could potentially exist the identified vehicles thus far. Spartan continues to identify, and test, various brake system configurations. It expects the investigation to be closed on, or near, February 1, 2019.

**Description of Remedy :**

Description of Remedy Program : Spartan will notify dealers and owners per Part 577. The trigger line on vehicles subject to this condition will be re-routed in a manner that brings the vehicle in compliance.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : The plumbing of the trigger line for the spring brake relay will be rerouted to the balance port of the rear integral valve.

**Recall Schedule :**

Description of Recall Schedule : Draft dealer and owner letters will be submitted no later than 02JAN19.  
Planned Dealer Notification Date : JAN 02, 2019 - JAN 02, 2019  
Planned Owner Notification Date : JAN 31, 2019 - JAN 31, 2019

\* NR - Not Reported