

# Part 573 Safety Recall Report

# 16V-448

**Manufacturer Name :** Spartan Motors USA**Submission Date :** JUN 17, 2016**NHTSA Recall No. :** 16V-448**Manufacturer Recall No. :** 16017**Manufacturer Information :**

Manufacturer Name : Spartan Motors USA

Address : 1541 Reynolds Road

Charlotte MI 48813

Company phone : 517-543-6400

**Population :**

Number of potentially involved : 38

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2004-2016 Spartan Emergency Respons Gladiator TDA's

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Vehicles impacted by this non-compliance are an aerial fire apparatus commonly known as tractor drawn aerials.

Production Dates : SEP 12, 2004 - SEP 30, 2015

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Noncompliance :**

Description of the Noncompliance : Tractor drawn aerials may not meet the actuation and release timing requirements for service brakes as required by sections 5.3.3 and 5.3.4, respectively, in FMVSS 121 - Air Brake Systems

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

Description of the Safety Risk : An increase in actuation timing of the service brakes may result in increased stopping distance which may increase the risk of a crash.

Description of the Cause : Still being determined.

Identification of Any Warning that can Occur : The driver may be unaware of the increased actuation timing.

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

Name : NR  
Address : NR  
NR  
Country : NR

**Chronology :**

February 2016 - during a review of the air brake system, a brake timing test was conducted on a single vehicle. The actuation and release timing of the service brakes on that vehicle did not meet the aforementioned requirements of FMVSS 121 - Air Brake systems. Spartan determined the need to conduct a second test on a separate vehicle. Please note, these types of vehicles require long build times and are not frequently built.

In May 2016, the second vehicle was completed and made available for brake timing test. On June 3, 2016, the test report was received by Spartan Motors USA, Inc. The test report was reviewed by the team investigating the problem.

On, June 10, Spartan determined a non-compliance may exist in the affected vehicles.

**Description of Remedy :**

Description of Remedy Program :	The remedy may be to remove the 1/2" ID control line to the tiller portion of the vehicle and replace with a 3/8" ID. However, Spartan is reviewing all vehicle configurations to confirm. Therefore, a remedy is not yet available but is planned to do be on, or before, June 30.
How Remedy Component Differs from Recalled Component :	For the vehicles first identified to be non-compliant, they are now equipped with the 3/8" control line.
Identify How/When Recall Condition was Corrected in Production :	Spartan is continuing to evaluate multiple configurations as they become available.

**Recall Schedule :**

Description of Recall Schedule :	Pending
Planned Dealer Notification Date :	JUN 22, 2016 - JUN 22, 2016
Planned Owner Notification Date :	NR - NR

\* NR - Not Reported