

Part 573 Safety Recall Report

16V-688

Manufacturer Name : Spartan Motors USA

Submission Date : NOV 28, 2017

NHTSA Recall No. : 16V-688

Manufacturer Recall No. : 16024



Manufacturer Information :

Manufacturer Name : Spartan Motors USA

Address : 1541 Reynolds Road
Charlotte MI 48813

Company phone : 517-543-6400

Population :

Number of potentially involved : 9

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2004-2010 Spartan Emergency Respons Gladiator TD

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The emergency response vehicles are known as tractor drawn aerial fire apparatus.

Production Dates : NOV 18, 2004 - JUL 26, 2010

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : Cracks may have developed in the tiller frame near the outriggers.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the cracks are not detected, the tiller frame may crack and the vehicle become unstable. This could increase the risk of personal injury.

Description of the Cause : Pending

Identification of Any Warning : Cracks can occur without warning.
that can Occur :

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country: NR

Chronology :

On June 21, 2016, Spartan received a claim that tiller frames were cracking near the outriggers on a tractor drawn aerial apparatus. Based on the claim, Spartan sent a technician to the field to review and evaluate the apparatus on which the cracks were identified. During these inspections, Spartan identified multiple configurations of support in the affected areas of the tiller frame. Between July and September, Spartan conducted analysis to evaluate frame loads and movement during dynamic conditions on each configuration. After review of those analysis, on September, 15, 2016, Spartan determined the cracking could be a risk to motor vehicle safety.

Description of Remedy :

Description of Remedy Program : Reinforcements will be installed in the affected area of the affected vehicles.

How Remedy Component Differs from Recalled Component : The remedy will provide additional strength to the affected area that is subject to cracking.

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : The recall was planned to start on 11/8/2016 but actually began on 11/18/2016.

Planned Dealer Notification Date : NOV 04, 2016 - NOV 04, 2016

Planned Owner Notification Date : NOV 08, 2016 - NOV 08, 2016

* NR - Not Reported