

# Part 573 Safety Recall Report

# 18V-440

**Manufacturer Name :** Spartan Motors USA

**Submission Date :** JUN 29, 2018

**NHTSA Recall No. :** 18V-440

**Manufacturer Recall No. :** 18020



## Manufacturer Information :

Manufacturer Name : Spartan Motors USA

Address : 1541 Reynolds Road

Charlotte MI 48813

Company phone : 517-543-6400

## Population :

Number of potentially involved : 865

Estimated percentage with defect : NR

## Vehicle Information :

Vehicle 1 : 2010-2019 Spartan Emergency Respons Gladiator

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : UNKNOWN

Power Train : DIESEL

**Descriptive Information :** The population was determined by using Spartan's part numbers for Cummins ISX engines which have a different routing of the positive alternator to battery cable than those vehicles with smaller engines. Additionally, motor home chassis equipped with ISX engines are excluded due to a different routing of the same cable.

**Production Dates :** APR 12, 2010 - JUN 05, 2018

**VIN Range 1 : Begin :**

NR

**End :** NR

Not sequential

## Description of Defect :

**Description of the Defect :** The protective sleeve on the cable may become brittle over time and allow for the cable to chafe against adjacent, metal surfaces. When chafing occurs, the insulation on the cable could wear exposing the wires. Wires could arc against the adjacent surface.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** This arcing could increase the risk of a fire and equipment damage.

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

**Identification of Any Warning that can Occur :** The missing or brittle loom may be detected during inspection. However, a chafed point on the cable may not be detected.

## Supplier Identification :

**Component Manufacturer**

Name : NR  
Address : NR  
NR  
Country : NR

**Chronology :**

June 12, 2018, Spartan received a customer complaint alleging a fire had occurred on one vehicle.  
June 18, 2018, Spartan representative traveled to the facility to inspect the apparatus in addition to other similar apparatus.  
June 21, 2018, Spartan team was assembled to review findings from the inspections.  
June 22, 2018 and onsite inspection of all similar vehicles began.  
June 26, 2018 a risk assessment was conducted which included a past warranty/customer complaint review and past precedence.  
June 27, 2018, Spartan determined a defect relating to motor vehicle safety could exist in the vehicles subject to this filing.

**Description of Remedy :**

Description of Remedy Program : Spartan will supply brackets to remove the cable from chafe points. If a cable is damaged, it will be replaced at no charge.  
How Remedy Component Differs from Recalled Component : Vehicles that have been remedied will have brackets that are supporting the cable away from chafe points.  
Identify How/When Recall Condition was Corrected in Production : This was corrected in production on 6/22.

**Recall Schedule :**

Description of Recall Schedule : NR  
Planned Dealer Notification Date : JUN 29, 2018 - JUN 29, 2018  
Planned Owner Notification Date : JUL 19, 2018 - JUL 19, 2018

\* NR - Not Reported