

# Part 573 Safety Recall Report

## 21V-459

**Manufacturer Name :** Spartan Fire, LLC**Submission Date :** AUG 19, 2021**NHTSA Recall No. :** 21V-459**Manufacturer Recall No. :** 21012**Manufacturer Information :**

Manufacturer Name : Spartan Fire, LLC

Address : 1541 Reynolds Road

Charlotte MI 48813

Company phone : 517-588-4700

**Population :**

Number of potentially involved : 62

Estimated percentage with defect : 100 %

**Vehicle Information :**

Vehicle 1 : 2019-2021 Spartan Fire LLC S180 Pumper

Vehicle Type : BUSES, MEDIUM &amp; HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The basis for this recall population is vehicles equipped with a Martin Interconnect pump shift harness, part number 2-85360-005.

Production Dates : MAY 17, 2019 - FEB 28, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential**Description of Defect :**

Description of the Defect : The harness manufacturer installed the incorrect terminals within one side of the connectors, resulting in a male to male terminal connection where it should have been a male to female terminal connection. When the incorrect terminals are installed, this may cause a poor connection and the vehicle to not shift into pump mode when requested.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A poor connection at the terminals may cause the vehicle to not shift into pump mode when requested. This increases the risk of personal injury and equipment damage.

Description of the Cause : The harness was manufactured with the incorrect terminals within one side of the pump shift solenoid connectors.

Identification of Any Warning that can Occur : The issue could occur without warning.

**Involved Components :**

Component Name 1 : Pump Shift Harness

Component Description : Harness to pump shift solenoid

Component Part Number : 2-85360-005

### Supplier Identification :

#### Component Manufacturer

Name : Martin Interconnect Services, Inc

Address : 3001 E Harry  
Wichita Kansas 67211

Country : United States

### Chronology :

On April 16, 2021 - Customer notified Spartan of a couple claims regarding a pump shift harness issue. An Engineering team started investigation.

April 29, 2021 - A problem solving review team (PSR) was created.

April 29 – May 20, 2021 - Continued reviewing production, design, supplier parts, established containment and determined potential population.

May 21, 2021 - Risk assessment was completed.

May 21 – June 11, 2021 – Discussion with REV Group Product Compliance about the issue.

June 11, 2021 – The issue was escalated to REV Group Management.

June 15, 2021 - REV Group Management approved an involuntary recall for this issue.

### Description of Remedy :

Description of Remedy Program : Spartan will replace affected terminals on the harness at no cost. Vehicles that have been remedied would have been covered through the normal warranty process.

How Remedy Component Differs from Recalled Component : A new supplier is providing the pump shift harnesses for the S-180 vehicles as of November 2020. All inventory was verified correct on April 30, 2021.

Identify How/When Recall Condition was Corrected in Production : The inventory was checked and remedy applied in production on, and after, April 30, 2021 by way of assembly procedure / connector type.

### Recall Schedule :

Description of Recall Schedule : Spartan will send out Dealer notifications by early July 2021.

Planned Dealer Notification Date : JUL 01, 2021 - JUL 08, 2021

Planned Owner Notification Date : JUL 08, 2021 - JUL 15, 2021

\* NR - Not Reported