

Part 573 Safety Recall Report

18V-424

Manufacturer Name : Spartan Motors USA

Submission Date : JUN 28, 2019

NHTSA Recall No. : 18V-424

Manufacturer Recall No. : 18019



Manufacturer Information :

Manufacturer Name : Spartan Motors USA

Address : 1541 Reynolds Road

Charlotte MI 48813

Company phone : 517-543-6400

Population :

Number of potentially involved : 1,243

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2009-2018 Spartan Emergency Respons Gladiator and MetroStar

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The basis for this recall population is using a mounting bracket part number 3081-NN2-001 for pump shift control solenoid part number 2729-MM5-002 where the solenoid is mounted inside the frame rail.

Production Dates : JUN 04, 2009 - MAY 17, 2018

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential

Description of Defect :

Description of the Defect : The interior parts of the solenoid may become corroded and subsequently fail. When the solenoid fails, power to the pump control module (pressure governor) may be lost

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A loss of power to the pressure governor could cause loss of pressure and flow during pumping operations. This increases the risk of personal injury and equipment damage.

Description of the Cause : The solenoid was not specified to be protected from the elements (e.g. salt spray)

Identification of Any Warning that can Occur : The solenoid could fail without warning.

Supplier Identification :**Component Manufacturer**

Name : Advanced Fuel Components, Inc
Address : 300 Wooley Drive
PO Box 168 Marshall MICHIGAN 49068
Country : United States

Chronology :

May 7, 2018, Spartan received a customer complained concerning the failure of the solenoid. On 5/9 a meeting occurred with the supplier of the solenoid. The solenoid was determined to exhibit corrosion internally. 5/15, a replacement solenoid was identified and on 5/17, parts for testing were received. Between 5/23 and 6/4, Spartan worked to determine where else the solenoid may be used and the impact in those systems. Additionally, new mounting configurations were developed as well as testing was completed. On 6/14, Spartan identified a potential number of affected vehicles and determined a defect relating to motor vehicle safety could exist in those vehicles. On 6/29, Spartan confirmed the use of the solenoid existed in additional apparatus and is therefore increasing the population to 1243 units.

Description of Remedy :

Description of Remedy Program :	Spartan will replace suspect solenoids at no charge. Customers will be reimbursed if they submit minimum information within one year of the filing.
How Remedy Component Differs from Recalled Component :	New solenoids will be specified to be less susceptible to corrosion than previous solenoids. The new part number will be 4488-MM5-001.
Identify How/When Recall Condition was Corrected in Production :	Pending confirmation of date.

Recall Schedule :

Description of Recall Schedule :	The planned owner date had to be modified as clarification of configurations needed to be clarified. Owner notification is planned to begin on, or near, 8/3/2018.
Planned Dealer Notification Date :	JUN 25, 2018 - JUN 25, 2018
Planned Owner Notification Date :	AUG 03, 2018 - AUG 03, 2018

* NR - Not Reported