

Part 573 Safety Recall Report

16V-676

Manufacturer Name : Spartan Motors USA**Submission Date :** SEP 16, 2016**NHTSA Recall No. :** 16V-676**Manufacturer Recall No. :** 16022**Manufacturer Information :**

Manufacturer Name : Spartan Motors USA

Address : 1541 Reynolds Road

Charlotte MI 48813

Company phone : 517-543-6400

Population :

Number of potentially involved : 264

Estimated percentage with defect : 26 %

Vehicle Information :

Vehicle 1 : 2010-2017 Spartan Emergency Respons K3, MetroStar, and Gladiator

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : UNKNOWN

Power Train : DIESEL

Descriptive Information : Emergency Response chassis cabs and motor home chassis are equipped with power steering pumps supplied by TRW. Three affected power steering pumps were sent out as replacement pumps and were installed in 1 - 2010 model year, 1 - 2012 model year, 1 - 2014 model year emergency response vehicle.

Production Dates : APR 12, 2010 - AUG 31, 2016

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The power steering pump may have an undersize bore in the spool housing. This may cause the spool to stick resulting in reduced power steering fluid flow which may result in an intermittent loss of power steering.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An intermittent loss of power steering could increase the risk of a crash.

Description of the Cause : Air gauge qualifying spool bore diameter was not working properly in top location and tool was set based on bore diameter in middle location. Standard pin gauge was worn before calibration due date.

Identification of Any Warning that can Occur : An intermittent loss of power steering could occur without warning.

Supplier Identification :**Component Manufacturer**

Name : TRW Commercial Steering Division
Address : 800 HEATH STREET
Lafayette INDIANA 47904
Country : United States

Chronology :

In July 2016, three chassis cabs exhibited an intermittent loss of power steering during incomplete vehicle testing. Power steering pumps were removed from the affected chassis cabs and returned to TRW for analysis. On September 9, 2016, Spartan determined a safety related defect may exist in approximately 26% of 264 vehicles.

Description of Remedy :

Description of Remedy Program : Spartan will conduct the recall campaign and provide affected customers new power steering pumps for replacement at no charge.

How Remedy Component Differs from Recalled Component : The remedy component has been inspected by TRW and confirmed with spool bore size is within their specifications.

Identify How/When Recall Condition was Corrected in Production : On August 1, 2016, incomplete vehicles were inspected to determine if they may have been equipped with non-conforming power steering pumps.

Recall Schedule :

Description of Recall Schedule : NR
Planned Dealer Notification Date : SEP 23, 2016 - SEP 23, 2016
Planned Owner Notification Date : SEP 30, 2016 - SEP 30, 2016

* NR - Not Reported