

Part 573 Safety Recall Report

19V-523

Manufacturer Name : Spartan Motors USA

Submission Date : JUL 12, 2019

NHTSA Recall No. : 19V-523

Manufacturer Recall No. : 19015



Manufacturer Information :

Manufacturer Name : Spartan Motors USA

Address : 1541 Reynolds Road

Charlotte MI 48813

Company phone : 517-543-6400

Population :

Number of potentially involved : 234

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2014-2020 Spartan Emergency Respons Gladiator and MetroStar

Vehicle Type :

Body Style :

Power Train : NR

Descriptive Information : This basis for the recall is vehicles equipped with an independent front suspension and Koni shocks. Both of which are supplied by Reyco Granning.

Production Dates : OCT 21, 2014 - JUN 10, 2019

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Upper shock bolts may break allowing the shock to possibly shear the poppet on the steering gear causing a loss of power steering fluid. This could result in a loss of power steering assist .

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A loss of power steering assist could increase the risk of a crash.

Description of the Cause : There is insufficient clamp load for the shockeye.

Identification of Any Warning that can Occur : While a broken shock bolt may be detected by a rattling noise or rough ride, the shock bolt may break without warning.

Supplier Identification :

Component Manufacturer

Name : Reyco Granning, LLC

Address : 1205 Industrial Park Drive
Mt. Vernon MISSOURI 65712
Country : United States

Chronology :

On June 15, 2019, a dealer reported complaints of shocks rattling and a shock bolt breaking allowing the shock to shear the poppit of the steering gear. Spartan opened an internal investigation and identified 2 previous similar complaints. June 20, 2019 Spartan identified production data. Between June 24 and July 8, Spartan worked with the dealer to determine actual accounts of the driver. On July 9, 2019 Spartan determined this issue related to motor vehicle safety.

Description of Remedy :

Description of Remedy Program : New shock bolts, and shims if necessary.

How Remedy Component Differs from Recalled Component : Shock bolt part number 709623-01 SHCS and 710356-01 Nyloc Nut will be replaced with 709623-01 SHCS with a Magni 565 coating. The torque for the fastener will be increased to 250 lb ft.

Identify How/When Recall Condition was Corrected in Production : The aforementioned remedy will be applied on, and after, July 9, 2019

Recall Schedule :

Description of Recall Schedule : Dealers will be notified no later than 7/15. Owners are planned for no later than 8/2.

Planned Dealer Notification Date : JUL 15, 2019 - JUL 15, 2019

Planned Owner Notification Date : AUG 02, 2019 - AUG 02, 2019

* NR - Not Reported