

Part 573 Safety Recall Report

21V-041

Manufacturer Name : Shyft Group**Submission Date :** MAR 02, 2021**NHTSA Recall No. :** 21V-041**Manufacturer Recall No. :** 21-03**Manufacturer Information :**

Manufacturer Name : Shyft Group

Address : 1541 Reynolds Road
Charlotte MI 48813

Company phone : 517-543-6400

Population :

Number of potentially involved : 548

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2021 Spartan RV Chassis K2, K3, and K4

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : NR

Descriptive Information : This recall is based on information supplied by Reyco Granning, the supplier of the Independent Front Suspension and installer of the power steering gear. Their IFS models 1700S3 and 2000S3 correlate to Shyft part numbers 1179-DD1-2NAD4, 1133-DD1-5NAB4 and 1132-DD1-2NAD4. The motor home chassis affected by this recall are equipped with Independent Front Suspensions supplied by Reyco Grannin.

Production Dates : DEC 12, 2019 - DEC 05, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : The steering gear mounting fasteners may come loose and fall out or interfere with other steering components.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the steering gear mounting fasteners interfere with other steering components, such as a pitman arm, it may cause difficulty in steering or pin the steering wheel to one direction which could increase the risk of a crash.

Description of the Cause : Reyco Granning described the cause as being related to a change in coating material of the mounting bracketry. Inadequate cure time for the coating resulted in the coating to superficially cure but remained in liquid form beneath the outer coat. This resulted in inadequate clamp load allowing the fasteners to loosen.

Identification of Any Warning that can Occur : While the driver may notice an increase in steering effort to hold the vehicle straight, the fasteners may loosen without warning.

Involved Components :

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : Reyco Granning

Address : NR

NR

Country : United States

Chronology :

On January 5, 2021, Product Safety and Compliance was made aware of 2 customer complaints involving difficulty steering of the motorhomes. Service technicians identified loose steering gear fasteners as the cause. Subsequently an internal investigation was opened. Reyco Granning was asked to assist in identifying the potential scope of this issue and identify the cause. On January 19, Product Compliance was made aware of another customer complaint involving steering that was determined to be a result of loose steering gear mounting fasteners. On January 27, 2021, a complaint was received involving steering as a result of the loosening of the steering gear mounting fasteners. The service technician observed the fasteners had backed out far enough to nearly contact the pitman arm. On February 1, 2021, Shyft determined the issue to be safety related.

Description of Remedy :

Description of Remedy Program : The steering gear mounting fasteners will be removed and replaced. New fasteners will be installed using loctite and a washer then tightened to specification. This will be done at no charge. Vehicles that have exhibited this condition are within the warranty period and all complaints have been addressed through normal warranty.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Shyft does not have dealers for this product line.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : FEB 12, 2021 - FEB 12, 2021

* NR - Not Reported