

Part 573 Safety Recall Report

21V-776

Manufacturer Name : Shyft Group**Submission Date :** OCT 05, 2021**NHTSA Recall No. :** 21V-776**Manufacturer Recall No. :** 21-22**Manufacturer Information :**

Manufacturer Name : Shyft Group

Address : 1541 Reynolds Road
Charlotte MI 48813

Company phone : 517-543-6400

Population :

Number of potentially involved : 660

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2022 Spartan RV Chassis K1 and K2

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Vehicles affected by this recalls are equipped with a suspension kit (p/n 2468-DD4-001 and -002) and torque box (p/n 2465-DD4-001) supplied by Hendrickson but assembled by Shyft.

Production Dates : JAN 01, 2021 - SEP 13, 2021

VIN Range 1 : Begin :

NR

End : NR

 Not sequential**Description of Defect :**

Description of the Defect : Certain rear suspension mounting fasteners that attach the rear drive axle to the rear suspension may not have been tightened to their proper value. As a result, the fasteners could break or be loose enough to allow the rear drive axle to shift.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : The shifting of the rear drive axle could increase the risk of a crash.

Description of the Cause : Process for torque and verification of torque not followed during final assembly and inspection of the chassis.

Identification of Any Warning that can Occur : The rear axle could shift without warning.

Involved Components :

Component Name 1 : Fasteners

Component Description : Torque box and lower torque rod fasteners

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On September 13, 2021, Product Safety and Compliance for Shyft was made aware of 3 customer complaints of the rear drive axle shifting rearward on completed motorhomes. An investigation was initiated. On September 16, 2021, a fourth complaint was received involving shifting of the rear drive axle rearward. It was determined the trailing arm fasteners on one side of the vehicle were broken. Any remaining parts of the fasteners were asked to be returned. A request was made for maintenance records for the vehicles but as of the date of this filing, have not been received. In working with the Quality team, it was determined the process for torquing the fasteners was not being followed and on September 24, 2021, a Stop Ship was issued. Torque was verified on all chassis and fasteners were marked with Dykem paint on the nut side of the fastener. On October 1, 2021, a customer complaint was sent to Product Safety and Compliance involving the shifting of the rear drive axle to one side of the vehicle was received. All fasteners appeared to be intact but were not marked as torqued. A suspect population of vehicles was confirmed on October 4, 2021 and on this day, Shyft determined that a safety related defect could exist in those vehicles.

Description of Remedy :

Description of Remedy Program : The rear suspension fasteners checked for damage and if damaged they will be replaced and tightened to the correct torque value. If there is no damage and no torque mark, the fasteners will be tightened to the correct torque value. The chassis affected by this recall are still within their warranty period. Any failures would have been covered under warranty.

How Remedy Component Differs from Recalled Component : The fasteners on the remedied vehicles will have a Dykem paint mark on the nut side of each fastener.

Identify How/When Recall Condition was Corrected in Production : A Stop Ship was issued on September 24, 2021. Torque was verified on all fasteners and they were marked with Dykem paint on the nut side of the fastener.

Recall Schedule :

Description of Recall Schedule : Shyft does not have dealers for the motorhome chassis.
Planned Dealer Notification Date : NR - NR
Planned Owner Notification Date : OCT 22, 2021 - OCT 22, 2021

* NR - Not Reported