

Part 573 Safety Recall Report

22V-785

Manufacturer Name : Shyft Group**Submission Date :** OCT 19, 2022**NHTSA Recall No. :** 22V-785**Manufacturer Recall No. :** 22-14**Manufacturer Information :****Manufacturer Name :** Shyft Group**Address :** 1541 Reynolds Road
Charlotte MI 48813**Company phone :** 517-543-6400**Population :****Number of potentially involved :** 414**Estimated percentage with defect :** 100 %**Vehicle Information :****Vehicle 1 :** 2015-2019 Spartan RV Chassis MM and K2**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES**Body Style :** OTHER**Power Train :** DIESEL**Descriptive Information :** Motor home chassis affected by this recall are equipped with T24 brake chambers on the steer axle, T30 brake chambers on the drive axle, T16 brake chambers on the steer axle and a 500 cubic inch reservoir (Wet Tank)**Production Dates :** FEB 12, 2014 - DEC 11, 2017**VIN Range 1 : Begin :**

NR

End : NR☐ Not sequential**Description of Defect :****Description of the Defect :** The combined volume of air in all service and supply reservoirs does not meet the 12X combined volume for all service brake chambers as defined in S5.1.2.1 of FMVSS 121 - Air Brake Systems**FMVSS 1 :** 121 - Air brake systems**FMVSS 2 :** NR**Description of the Safety Risk :** In increased braking events, there may be inadequate air volume for the service brakes which may lead to other unintended consequences that could increase the risk of a crash.**Description of the Cause :** Pending**Identification of Any Warning that can Occur :** A low air pressure tell tale may illuminate, in addition to an audible alarm, in the event air pressure falls below a certain threshold.**Involved Components :**

Component Name 1 : NR

Component Description : NR

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On, or near, December 8, 2017, Engineering reviewed certain configurations of axles with certain brake chambers and performs capacity calculations on those axles. Engineering consults with Compliance on the preliminary findings. December 12, 2017, Compliance completes review of the requirements in FMVSS 121 for air reservoir capacity and performs calculation to confirm Engineering's findings. A VIN list identifying motor home chassis that could be affected by this condition and a stop ship was placed on further shipments until the condition was remedied. Information regarding the actual capacity of the brake chambers was sought. On 12/13/17, the actual capacity of the service brake chambers was reviewed and it was determined the calculated amount of capacity was lower than the actual. On December 15, 2017, Shyft determined a non-compliance to exist in the affected units. On Wednesday October 12, 2022 sent to notice to Shyft (formerly Spartan) its petition has been denied.

Description of Remedy :

Description of Remedy Program : Shyft will exchange the 500 cubic inch wet tank with 1000 cubic inch air capacity would be installed in its place. Shyft is reviewing its plan for reimbursement.

How Remedy Component Differs from Recalled Component : Vehicles affected by this condition would be equipped with a 500 cubic inch capacity air reservoir for the wet tank. A wet tank with 1000 cubic inches of air capacity would be installed in its place.

Identify How/When Recall Condition was Corrected in Production : The recall condition will be corrected in production on, or after, 12/12/17 by using an air tank reservoir with a capacity of 1000 cubic inches for the wet tank.

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 : NOV 18, 2022 - NOV 18, 2022

* NR - Not Reported