

Part 573 Safety Recall Report

22V-776

Manufacturer Name : Shyft Group

Submission Date : FEB 10, 2023

NHTSA Recall No. : 22V-776

Manufacturer Recall No. : 21-12



Manufacturer Information :

Manufacturer Name : Shyft Group

Address : 1541 Reynolds Road

Charlotte MI 48813

Company phone : 517-543-6400

Population :

Number of potentially involved : 15

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2023-2023 Spartan RV Chassis K4

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Vehicles subject to this recall are equipped with a park brake interlock system which requires the synchronous valve (3616-MM5-001)

Production Dates : JAN 13, 2022 - MAY 25, 2022

VIN Range 1 : Begin : 4VZ1U1R1XPC092011 End : 4VZ1U1R14PC092294 Not sequential

Description of Defect :

Description of the Defect : The pneumatic park brake interlock valve may be incorrectly installed and plumbed incorrectly.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An incorrectly plumbed pneumatic park brake interlock valve may cause inadvertent application of the park brake. This could increase the risk of a crash.

Description of the Cause : Operator on the line installed the valve incorrectly which led to incorrect plumbing of the pneumatic circuit.

Identification of Any Warning that can Occur : The park brake could apply without warning.

Involved Components :

Component Name 1 : Synchronous Valve

Component Description : Air Brake Valve

Component Part Number : 3616-MM5-001

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

On June 9 2022, Shyft received a complaint of the rear brakes overheating on the rear drive axle. On June 10, 2022, Shyft received a complaint involving the inadvertent application of the park brake. At that point, Shyft, in conjunction with the final stage manufacturer, conducted an inspection at their location of all coaches to determine if the valve was installed, and plumbed correctly. No non-conformances were found. However, Shyft continued to investigate by reviewing build records for the two complainant vehicles to understand if there was a change in personnel (reviewing operator sign-off). No change in personnel was identified. On September 7, 2022, an issue was identified in production that indicated the valve could be installed incorrectly and therefore subject to incorrect plumbing. Shyft continued to evaluate the issue and on October 13, 2022, in an overabundance of caution, Shyft determined a safety related defect could exist in the affected vehicles.

Description of Remedy :

Description of Remedy Program : The orientation and plumbing scheme will be inspected and corrected if needed. This will be done at no charge. Vehicles subject to this recall are within their warranty period and any associated complaint would have been covered at no charge through the normal warranty process.

How Remedy Component Differs from Recalled Component : The remedied vehicles will have the valve installed in the correct orientation and plumbed correctly.

Identify How/When Recall Condition was Corrected in Production : The recall condition was corrected by error proofing the installation on, or near, June 5, 2022.

Recall Schedule :

Description of Recall Schedule : Owner notification is expected to begin on, or before, October 28, 2022.
Shyft does not have dealers for this product.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : OCT 28, 2022 - OCT 28, 2022

* NR - Not Reported