

Part 573 Safety Recall Report

21V-969

Manufacturer Name : Shyft Group**Submission Date :** DEC 14, 2021**NHTSA Recall No. :** 21V-969**Manufacturer Recall No. :** 21-23**Manufacturer Information :**

Manufacturer Name : Shyft Group

Address : 1541 Reynolds Road
Charlotte MI 48813

Company phone : 517-543-6400

Population :

Number of potentially involved : 143

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2020-2023 Spartan RV Chassis K3

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : The population for this recall is based on engine serial numbers provided by Cummins, for their recall 21E-099, then translated to VIN's

Production Dates : NOV 26, 2018 - DEC 07, 2021

VIN Range 1 : Begin :

NR

End : NR

☐ Not sequential**Description of Defect :**

Description of the Defect : The fuel tubes between the fuel rail and the injector for cylinders 4, 5 and 6 may be susceptible to cracking, resulting in a high pressure fuel leak.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A high pressure fuel leak in the presence of an ignition source may increase the risk of a fire.

Description of the Cause : The subject fuel tubes (for cylinders 4, 5 and 6) are susceptible to cracking due to metal fatigue failure resulting from a combination of vibration strain, assembly strain and material strength.

Identification of Any Warning that can Occur : Fuel leaks may be detected during maintenance. An operator may smell fuel or observe a mist due to the fuel leak.

Involved Components :

Component Name 1 : Engine

Component Description : Diesel Engine - Motive Power

Component Part Number : 0853-AA2-001

Component Name 2 : Engine

Component Description : Diesel Engine - Motive Power

Component Part Number : 0867-AA2-001

Component Name 3 : Engine

Component Description : Diesel Engine - Motive Power

Component Part Number : 0867-AA2-101

Supplier Identification :

Component Manufacturer

Name : Cummins,Inc.

Address : Box 3005, Mail Code 41303
Columbus Indiana 47202

Country : United States

Chronology :

On Monday December 6, 2021, Shyft was notified of Cummins recall 21E-099. Within the notification, Cummins supplied an engine serial number list. Between December 6 and December 9, Shyft worked to correlate the engine serial numbers to vehicle identification numbers. Some engine serial numbers did not cross. However, Shyft identified 143 motor home chassis to be affected and on December 10, Shyft determined a safety related defect could exist in the affected motor home chassis. However, Shyft continued to locate approximately 12 engines that did not correlate to a VIN. On December 14 all engines were accounted for.

Description of Remedy :

Description of Remedy Program :	For motor home engines having 75 miles or less, the remedy will consist of adding vibration isolators to the fuel tubes; fuel tubes do not need to be replaced. For all motor home chassis equipped with affected engines, the subject fuel tubes for cylinders 4, 5 and 6 (the rear half of the engine) will be replaced with new fuel tubes (having the same part number as the recalled components) and vibration isolators will be added to the fuel tubes to engines.
How Remedy Component Differs from Recalled Component :	The replacement fuel tubes will also have vibration isolators. The fuel tube and vibration isolator combination will have a new part number.
Identify How/When Recall Condition was Corrected in Production :	All motor home chassis and loose engines that were in Shyft's direct control were contained on, or near December 8, 2021.

Recall Schedule :

Description of Recall Schedule :	Shyft does not have dealers for product. Owner notification date is contingent on receiving Cummins planned owner notification date.
Planned Dealer Notification Date :	NR - NR
Planned Owner Notification Date :	NR - NR

* NR - Not Reported