

Part 573 Safety Recall Report

22V-891

Manufacturer Name : Entegra Coach**Submission Date :** MAR 29, 2023**NHTSA Recall No. :** 22V-891**Manufacturer Recall No. :** NR**Manufacturer Information :**

Manufacturer Name : Entegra Coach

Address : 903 South Main Street

P.O. Box 460 Middlebury IN 46540

Company phone : 1-800-945-4787

Population :

Number of potentially involved : 394

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2015-2019 Entegra Coach Aspire Class A, Insignia Class A

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : Shyft Group/Spartan RV Chassis provided a list of affected VINs to Entegra Coach. 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). Vehicles not included in this recall are equipped with a 1000 cubic inch reservoir (wet tank).

Production Dates : APR 29, 2014 - FEB 28, 2018

VIN Range 1 : Begin : 4VZAT1D90JC084703 End : 4VZBU1D9XHC081724 ☒ Not sequential**Description of Noncompliance :**

Description of the Noncompliance : 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 per Shyft Group/Spartan RV Chassis.

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 : Air Tank

Component Description : Air Reservoir

Component Part Number : NR

Supplier Identification :

Component Manufacturer

Name : Shyft Group/Spartan RV Chassis

Address : 1541 Reynolds Road
Charlotte Michigan 48813

Country : United States

Chronology :

Shyft Group/Spartan RV Chassis provided this 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 noncompliance to exist in the affected units. On Wednesday October 12, 2022 sent to notice to Shyft (formerly Spartan) its petition has been denied. On October 19, 2021 engineering identified affected design codes from the previous recalled chassis were not made obsolete and began to investigate if those codes were used in other builds. On October 21 a potential list of VIN's was identified. The locations of the affected chassis were evaluated and on 11/10 reconciled the recall population needed to be expanded.

Description of Remedy :

Description of Remedy Program : Shyft will exchange one air reservoir with one with larger air capacity. Retail owners may contact Shyft at 800-543-4277 in order to request reimbursement for a pre-notification remedy. This is a pass through recall from Shyft/Spartan RV Chassis. Their recall number is 22V-785 (21-14). Shyft will submit quarterly completion reports to NHTSA.

How Remedy Component Differs Vehicles affected by this condition would be equipped with a 500 cubic

from Recalled Component : 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 was corrected in production on or after 10/20/2022.

Recall Schedule :

Description of Recall Schedule : Entegra Coach will send notifications to affected dealers and retail owners.

Planned Dealer Notification Date : DEC 23, 2022 - DEC 23, 2022

Planned Owner Notification Date : DEC 23, 2022 - DEC 23, 2022

* NR - Not Reported