

# Part 573 Safety Recall Report

## 22V-273

**Manufacturer Name :** Tiffin Motorhomes, Inc.

**Submission Date :** AUG 23, 2022

**NHTSA Recall No. :** 22V-273

**Manufacturer Recall No. :** TIF-122



### Manufacturer Information :

Manufacturer Name : Tiffin Motorhomes, Inc.

Address : 105 2nd Street NW  
PO Box 596 Red Bay AL 35582

Company phone : 999

### Population :

Number of potentially involved : 679

Estimated percentage with defect : 100 %

### Vehicle Information :

Vehicle 1 : 2021-2022 Tiffin Allegro

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : In review of manufacturing records, it was determined that the scope started when we first began to use the Lippert hydraulic slide system in our 2021 & 2022 Allegro product & 2022 Allegro Bay product.

2021 Allegro = 257

2022 Allegro = 399

2022 Allegro Bay = 23

Production Dates : APR 20, 2020 - APR 15, 2022

VIN Range 1 : Begin : 1F66F5DN0L0A04696 End : 1F66F5DN6M0A19592 ☒ Not sequential

Vehicle 2 : 2022-2022 Tiffin Allegro Bay

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : In review of manufacturing records, it was determined that the scope started when we first began to use the Lippert hydraulic slide system in our 2021 & 2022 Allegro product & 2022 Allegro Bay product.

2021 Allegro = 257

2022 Allegro = 399

2022 Allegro Bay = 23

Production Dates : SEP 14, 2021 - APR 15, 2022

VIN Range 1 : Begin : 4uzadvfc3ncnr7007 End : 4uzadvfcxncnz6307 ☒ Not sequential

**Description of Defect :**

Description of the Defect : In certain 2021 - 2022 Allegro motorhomes, the slide room hydraulic cylinders cannot maintain pressure due to a defective inner seal. When this happens, it allows the slide room to extend out until the cylinder's pressure equalizes. In this situation, the slide room extension is more than the permitted relaxation tolerance of 1/2"-1".

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Due to the equalization of the hydraulic cylinder pressure, the slide may extend out 6-8" which is above the ordinary relaxation tolerance of 1/2"-1". This will increase the width of the vehicle which can result in a crash with another oncoming vehicle.

Description of the Cause : The inner seal of the 1 1/4" hydraulic slide room cylinder is inadequate to maintain pressure inside of the cylinder.

Identification of Any Warning that can Occur : The sidewall slide may extend past the normal 1" allowance for relaxation of the slide system.

**Involved Components :**

Component Name 1 : Hydraulic Slide Cylinders

Component Description : 1 1/4" cylinders

Component Part Number : 5122146

**Supplier Identification :****Component Manufacturer**

Name : Lippert Components, Inc.

Address : 3501 C.R. 6

Elkhart Indiana 46514

Country : United States

**Chronology :**

3/18/2022 Customer notified Tiffin that their slide room had extended out 6"-8" after just having repairs performed at the factory.

3/20/2022 Tiffin made contact with Lippert Components to discuss concern.

3/23/2022 Conference call with various individuals from Lippert and Tiffin. Lippert determined after testing,

that there was a problem with the seal compression in the 1 1/4" cylinders.  
 3/29/2022 Tiffin was made aware of the Facebook group "Tiffin Lippert Allegro Open Road Hydraulic Slide Problems".  
 3/29/2022 Tiffin received the first VOQ regarding "creeping slide"  
 4/4/2022 Lippert sent us a new 1 1/4" cylinder with an improved seal package to install in the above customer's coach. Defective slide cylinders will have a date stamp older than 3/1/2022.  
 4/14/2022 Conference call with various individuals from Lippert and Tiffin. New cylinder installed in the customer's coach has held and no further unintended extension. Lippert has a new cylinders that they are ready to supply to Tiffin for production coaches as well as field coaches.  
 4/18/2022 Tiffin Safety Committee voted to recall.  
 8/17/2022 Compliance was made aware that the new model, the Allegro Bay, also uses the 1/4" slide cylinder.  
 8/18/2022 Inspected all Allegro Bays on Tiffin's complex and found two (2) Allegro Bay coaches with defective date ranges of the 1/4" slide cylinder.  
 8/22/2022 Tiffin Safety Committee voted to recall.  
 8/23/2022 Finalized scope of 2022 Allegro Bay's based on build dates & ship dates. Remedy will be to replace the 1/4" slide cylinder as we did for t

## Description of Remedy :

Description of Remedy Program :	Tiffin Motorhomes will replace the cylinder in all coaches included in the recall population. This will be done at no charge to the owners. If owners have paid for any repairs related to this recall, they can submit the invoice to Tiffin Motorhomes for reimbursement.
How Remedy Component Differs from Recalled Component :	The remedy components will have a sticker on the body of the hydraulic cylinder with a manufacture date listed of 03/01/2022 or after. Recalled components will have a sticker on the body of the hydraulic cylinder with a manufacture date listed prior to 03/01/2022. The vendor of the hydraulic cylinder has implemented additional steps in their quality control and testing processes to ensure the components used to build the cylinder are maintaining the needed piston seal pressure.
Identify How/When Recall Condition was Corrected in Production :	As of 4/15/2022, all motorhomes built will have the cylinder with a manufacture date after 3/1/2022.

## Recall Schedule :

Description of Recall Schedule :	Tiffin will send letters to customers and dealers that are in possession of coaches explaining the problem and asking them to take the motorhome to the dealer for proper inspection and/or repair at no cost to them.
Planned Dealer Notification Date :	JUN 20, 2022 - JUN 20, 2022
Planned Owner Notification Date :	JUN 20, 2022 - JUN 20, 2022

\* NR - Not Reported