

Part 573 Safety Recall Report

22V-273

Manufacturer Name : Tiffin Motorhomes, Inc.**Submission Date :** APR 22, 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 : 656
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 Allegro product.
 2021 Allegro = 257
 2022 Allegro = 399

Production Dates : APR 20, 2020 - APR 15, 2022**VIN Range 1 : Begin :** 1F66F5DN0L0A04696 **End :** 1F66F5DN6M0A19592 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.

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.

Description of Remedy :

Description of Remedy Program : Tiffin Motorhomes will inspect and repair as needed 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 The remedy components will have a sticker on the body of the hydraulic

from Recalled Component : 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