

Part 573 Safety Recall Report

24V-669

Manufacturer Name : Tiffin Motorhomes, Inc.**Submission Date :** SEP 11, 2024**NHTSA Recall No. :** 24V-669**Manufacturer Recall No. :** TIF-142**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 :** 400**Estimated percentage with defect :** 100 %**Vehicle Information :****Vehicle 1 :** 2022-2025 TIFFIN Allegro Bay**Vehicle Type :** BUSES, MEDIUM & HEAVY VEHICLES**Body Style :** OTHER**Power Train :** DIESEL**Descriptive Information :** The recall population includes all floorplans of the Allegro Bay Motorhomes built from 09/14/2021 until 06/18/2024. There are 404 Allegro Bay Motorhomes involved in this recall, 400 are in the United States and 4 are in Canada.**Production Dates :** SEP 14, 2021 - JUN 18, 2024**VIN Range 1 : Begin :** 4UZADVFC3NCNR7007 **End :** 4UZADVFC5SCVV9614 ☒ Not sequential**Description of Defect :****Description of the Defect :** A truss for the subframe of the motorhome may collapse. If a truss were to collapse, it could pinch the motorhome electrical wiring which could cause arcing.**FMVSS 1 :** NR**FMVSS 2 :** NR**Description of the Safety Risk :** Possible arcing of wiring to frame may cause a fire.**Description of the Cause :** The trusses for the subframe were manufactured using 18-gauge steel which is insufficient for the weight of the motorhome. The formed bracket that supported the truss system to the chassis was bolted on and not welded to the chassis flanges.**Identification of Any Warning that can Occur :** There is no warning.**Involved Components :**

Component Name 1 : Truss Kit 38BB & 38CB

Component Description : kit truss sub flr 38BB & 38CB

Component Part Number : 5126804

Component Name 2 : Truss Kit 38AB

Component Description : kit truss sub flr 38AB

Component Part Number : 5122839

Supplier Identification :

Component Manufacturer

Name : SunAir Products Inc

Address : 18 Sun Air Drive

Belmont Mississippi 38827

Country : United States

Chronology :

08/06/2024 – The mechanic shop at Tiffin Motorhomes Service Department found a 2023 Allegro Bay 38 BB that was in for a service appointment at Tiffin Motorhomes Service Center had frame damage. The frame damage had begun to cut through the 110V wire casing. Service had previously seen a 2025 Allegro Bay 38 CB with similar frame damage, but the owner of that unit had reported road damage, and he stated that the road damage was the cause of the frame damage. After repairing the 2023, service began to inspect all Allegro Bay motorhomes that were currently at the Tiffin Motorhomes Service Center for frame damage. 8/7/2024 Tiffin Motorhomes weld shop began to add extra braces and angle iron for support while continuing to use the 18-gauge tubing in inventory and at the same time began to make the change to using 11-gauge tubing for a permanent solution in the manufacturing process. 8/26/2024 After the service department verified damage on the other Allegro Bay Motorhomes that were in for service at Tiffin Motorhomes Service Center, Tiffin Motorhomes Compliance was made aware of the situation and discussed it at the August Safety Committee meeting, and they began an investigation into the cause of the issue. 09/10/2024 Tiffin Motorhomes Compliance had a special safety committee meeting where the results of the investigation were reviewed, and the safety committee voted to issue a safety recall for the issue.

Description of Remedy :

Description of Remedy Program :	All units involved in the recall will have the trusses reinforced at the point of the attachment to the chassis and any existing damage will be repaired as needed. This work will be completed at no charge to the customer. If owners have paid for the repair prior to the recall being issued, they can submit the invoice for that repair to Tiffin Motorhomes who will reimburse the customer.
How Remedy Component Differs from Recalled Component :	The remedy component will have reinforcing brackets welded in place for field units and new production units will be made of 11-gauge steel.
Identify How/When Recall Condition was Corrected in Production :	In production, the change is being made to construct all trusses used from 11-gauge steel. For units that were already in the process of production, ¼” angel steel has been attached along the bottom 18-gauge tubing and vertical tube from top of chassis rail to the side of the upper tube on truss. Also added gusset tubes under truss to side of chassis rail.

Recall Schedule :

Description of Recall Schedule :	Tiffin Motorhomes will mail a letter to all dealers and owners of units involved in the recall. Notification will be mailed no later than November 8, 2024.
Planned Dealer Notification Date :	NOV 08, 2024 - NOV 08, 2024
Planned Owner Notification Date :	NOV 08, 2024 - NOV 08, 2024

* NR - Not Reported