

Part 573 Safety Recall Report

22V-068

Manufacturer Name : Tiffin Motorhomes, Inc.

Submission Date : FEB 08, 2022

NHTSA Recall No. : 22V-068

Manufacturer Recall No. : TIF-120



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 : 2,914

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2018-2022 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 began with the installation of the optional 2000W inverter in 2018.

2018 Allegro - 672

2019 Allegro - 733

2020 Allegro - 566

2021 Allegro - 408

2022 Allegro - 295

Production Dates : APR 04, 2017 - FEB 04, 2022

VIN Range 1 : Begin : 1F66F5DY0h0A13819 End : 1f66f5Dn9M0A15830 ☒ Not sequential

Vehicle 2 : 2018-2022 Tiffin Allegro Breeze

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 began with the installation of the optional 2000W inverter in 2018.

2018 Allegro Breeze = 36

2019 Allegro Breeze = 57

2020 Allegro Breeze = 59

2021 Allegro Breeze = 58

2022 Allegro Breeze = 30

Production Dates : MAY 01, 2017 - JAN 27, 2022

VIN Range 1 : Begin : 5VBRCW4A6HA117535 End : 5VBRCW5AXNA122506 ☒ Not sequential

Description of Defect :

Description of the Defect : Improper torque of the nuts on each side of the buss bar, combined with the optional larger inverter, can create elevated temperatures on the buss bar which could lead to melting of certain components on the DC Distribution Panel.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Melting of the DC Distribution Panel and components which could lead to a fire, personal injury or property damage.

Description of the Cause : Improper torque of the nuts on both sides of the buss bar combined with the installation of the optional larger 2000W inverter.

Identification of Any Warning that can Occur : Intermittent power to the RV.

Involved Components :

Component Name 1 : DC Distribution Panel

Component Description : NR

Component Part Number : 5063756, 5077910, 5087741, 5114015

Supplier Identification :**Component Manufacturer**

Name : NR

Address : NR

NR

Country : NR

Chronology :

9/14/2021 Customer sent an email to the Editor of the Roughing It Smoothly publication.

9/15/2021 Editor forwarded message to Compliance Department.

9/16/2021 Compliance Department opened an investigation into the concern.

9/21/2021 During the monthly Safety Committee meeting discussed the concern. Decision was made to investigate the issue to determine validity. An action plan was put in place to inspect coaches in our Service Department to see if the issue was present.

10/26/2021 After initial Service review, the issue was presented to Spyder Controls and the recommendation

to inspect torque on the buss bar between the inverter switch and fuse.
10/27/2021 - 1/31/2022 Investigation continued until enough coaches were examined in our Service Department.
2/1/2022 Safety Committee voted to recall.

Description of Remedy :

Description of Remedy Program :	Tiffin Motorhomes will provide all parts and labor at no charge to the customer. A Tiffin authorized service facility will remove the buss bar from the DC Distribution Panel and replace it with an 18" 2/0 cable.
How Remedy Component Differs from Recalled Component :	The recalled component is a buss bar and the remedy is to remove the buss bar and replace it with an 18" 2/0 cable.
Identify How/When Recall Condition was Corrected in Production :	On February 1, 2022, production switched from using a buss bar to a 2/0 cable that connects the inverter switch to the 400 amp fuse.

Recall Schedule :

Description of Recall Schedule :	Owners and dealers will be notified of the recall repair and advised that the repair will be performed at no charge to the customer.
Planned Dealer Notification Date :	APR 08, 2022 - APR 08, 2022
Planned Owner Notification Date :	APR 08, 2022 - APR 08, 2022

* NR - Not Reported