

Part 573 Safety Recall Report

24V-566

Manufacturer Name : Tiffin Motorhomes, Inc.

Submission Date : AUG 13, 2024

NHTSA Recall No. : 24V-566

Manufacturer Recall No. : TIF-141



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 : 393

Estimated percentage with defect : 90 %

Vehicle Information :

Vehicle 1 : 2022-2025 Tiffin Phaeton

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : PowerGlide chassis controller, IFM brand. In review of manufacturing records, Tiffin Motorhomes started using an additional brand of chassis controller, IFM brand, due to supply chain shortages on 05/02/2022 so the population will include all Phaetons, Allegro Buses and Zephyrs built on PowerGlide Chassis between 05/02/2022 and 06/12/2024. Tiffin Motorhomes has identified 679 chassis located in the United States that could contain this controller. Of these 679, there are 129 Phaeton Motorhomes. All PowerGlide chassis built during this period are involved. The chassis controller would need to be inspected to confirm if it is the recalled component or not.

Production Dates : MAY 02, 2022 - MAR 01, 2024

VIN Range 1 : Begin : 5VBBA27A0PA112871 **End :** 5VBZA89AXPA123184 Not sequential

Vehicle 2 : 2022-2025 Tiffin Zephyr

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : PowerGlide chassis controller, IFM brand. In review of manufacturing records, Tiffin Motorhomes started using an additional brand of chassis controller, IFM brand, due to supply chain shortages on 05/02/2022 so the population will include all Phaetons, Allegro Buses and Zephyrs built on PowerGlide Chassis between 05/02/2022 and 06/12/2024. Tiffin Motorhomes has identified 679 chassis located in the United States that could contain this controller. Of these 679, there are 52 Zephyr Motorhomes. All PowerGlide chassis built during this period are involved. The chassis controller would need to be inspected to confirm if it is the recalled component or not.

Production Dates : MAY 02, 2022 - APR 30, 2024

VIN Range 1 : Begin : 5VBBA27A0PA112871 End : 5VBZA89AXPA123184 Not sequential

Vehicle 3 : 2022-2025 Tiffin Allegro Bus

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : PowerGlide chassis controller, IFM brand. In review of manufacturing records, Tiffin Motorhomes started using an additional brand of chassis controller, IFM brand, due to supply chain shortages on 05/02/2022 so the population will include all Phaetons, Allegro Buses and Zephyrs built on PowerGlide Chassis between 05/02/2022 and 06/12/2024. Tiffin Motorhomes has identified 679 chassis located in the United States that could contain this controller. Of these 679, there are 498 Allegro Bus Motorhomes. All PowerGlide chassis built during this period are involved. The chassis controller would need to be inspected to confirm if it is the recalled component or not.

Production Dates : MAY 02, 2022 - JUN 12, 2024

VIN Range 1 : Begin : 5vBBA27A0PA122871 End : 5VBZA89AXPA123184 Not sequential

Description of Defect :

Description of the Defect : Ignition Circuit Protection. PowerGlide chassis controller, IFM brand .In the event of an over current in systems on the same power distribution circuit as chassis ignition, over current can blow the fuse protecting the circuit. The fuse also supplies the ignition power to the chassis and can cause engine shutdown.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Loss of power to chassis causing engine stoppage, which could lead to an increased risk of crash.

Description of the Cause : Lack of circuit protection in the event of an over current in systems on the same power distribution circuit as chassis ignition.

Identification of Any Warning that can Occur : None

Involved Components :

Component Name 1 : Module Multi Plex IFM

Component Description : Chassis Control Module

Component Part Number : CR0033

Supplier Identification :

Component Manufacturer

Name : IFM Effector, Inc

Address : PO Box 8538-307

Philadelphia Pennsylvania 19171-0307

Country : United States

Chronology :

On 7/2/2024, Compliance received and email from our VP of Service Operations that there was a thread on an RV forum from a Tiffin customer about having a major mechanical breakdown in May of 2024. I do not know how he came to have it, but he asked it be put on the agenda of the next Safety Committee meeting scheduled for 7/23/2024. During the time before meeting, Service investigated.

7/23/2024- Safety Committee meeting - Problem was discussed and members voted to do a recall.

08/13/2024 Tiffin PowerGlide Electrical Engineering decided the repair should include all chassis built with an IFM controller, even the ones that had a program update that were previously not included in the original population for this issue. All units involved in the recall will now have a harness installed to protect the ignition in the event of an electrical overcurrent. The 573 has been amended to include this new information.

Description of Remedy :

Description of Remedy Program : Tiffin Motorhomes will add circuit protection so that in the event of an over current , the circuit protection will isolate ignition power and will allow power to engine and other powertrain components, preventing shutdown. Letters will be mailed to all owners and dealers with involved units notifying them of a recall. The repair will be completed at no charge to the owner. There is no plan for reimbursement because any failures would have been covered under Tiffin's PowerGlide chassis warranty.

How Remedy Component Differs from Recalled Component : In the field, a jumper harness with the inline fuse will be installed at the chassis controller. In production, a programming change will be applied to separate the circuit and the ignition switch.

Identify How/When Recall Condition was Corrected in Production : Production of the PowerGlide chassis has ended, and all PowerGlide chassis built outside the date range of recall had the program change installed during their production.

Recall Schedule :

Description of Recall Schedule : Tiffin Motorhomes will mail letters to customers and dealers that are in possession of the involved coaches explaining the issue and asking them to take the motorhome to a dealer or service center for inspection and replacement, if needed, at no cost to the owner.

Planned Dealer Notification Date : SEP 27, 2024 - SEP 27, 2024

Planned Owner Notification Date : SEP 27, 2024 - SEP 27, 2024

* NR - Not Reported