

Part 573 Safety Recall Report

20V-498

Manufacturer Name : Thor Motor Coach**Submission Date :** SEP 14, 2020**NHTSA Recall No. :** 20V-498**Manufacturer Recall No. :** RC000203**Manufacturer Information :****Population :**

Manufacturer Name : Thor Motor Coach

Number of potentially involved : 2,061

Address : PO Box 1486

Estimated percentage with defect : 100 %

701 County Road 15 Elkhart IN 46515

Company phone : 877-500-1020

Vehicle Information :

Vehicle 1 : 2019-2021 Hurricane 27B, 29M, 32T, 33X, 34J, 34R, 35M

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : -Certain model year 2019-2021 Hurricane and Windsport motorhomes were manufactured with a Firefly Integrations electronic control center that contains a defective G9 control circuit board.

-Recalled products were manufactured with the defective G9 control circuit board.

-1,038 Hurricane units are affected by this recall.

Production Dates : MAR 14, 2018 - MAR 12, 2020

VIN Range 1 : Begin : 1F65F5DY0J0A15054 End : 1F66F5DYXK0A24026 ☒ Not sequential

Vehicle 2 : 2019-2021 Windsport 27B, 29M, 32T, 33X, 34J, 34R, 35M

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : GAS

Descriptive Information : -Certain model year 2019-2021 Hurricane and Windsport motorhomes were manufactured with a Firefly Integrations electronic control center that contains a defective G9 control circuit board.

-Recalled products were manufactured with the defective G9 control circuit board.

-1,023 Hurricane units are affected by this recall.

Production Dates : MAR 14, 2018 - MAR 12, 2020

VIN Range 1 : Begin : 1F65F5DY0J0A15054 End : 1F66F5DYXK0A24026 ☒ Not sequentialVIN Range 2 : Begin : 1F65F5DY0J0A15054 End : 1F66F5DYXK0A24026 ☒ Not sequential

Description of Defect :

Description of the Defect : The motorhomes included in this recall population were manufactured with a Firefly Integrations electronic control center that contains a defective G9 control circuit board. When the G9 control board is subject to a voltage load greater than 17 volts, components on the board may become damaged. The damaged components allow continuous conduction, which can result in thermal flammability.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : If the damaged components allowed continuous conduction of the higher voltage, it could result in a fire, which could result in property damage, personal injury or death.

Description of the Cause : The voltage suppression devices on the control board were undersized for the application and possible voltages that can be seen in the field.

Identification of Any Warning that can Occur : No warning will occur. The jumpstarting of the vehicle with an incorrect sized battery charger or jump pack can result in the overloading and damage of the control board components. Owners will be advised to engage the battery disconnect switch in the event their vehicle requires to be jumped prior to the recall remedy.

Involved Components :

Component Name 1 : G9 Control Circuit Board

Component Description : NR

Component Part Number : NR

Supplier Identification :**Component Manufacturer**

Name : Firefly Integrations

Address : 1013 Elroy Dr.
Middlebury INDIANA 46540

Country : United States

Chronology :

July 28, 2020 – TMC and Firefly attended an inspection that involved a thermal event on a motorhome. The

inspection determined that further investigation on the G9 would be required as a possible source.

Week of August 3-17, 2020 – TMC continued conversations with Firefly to discuss investigations and further steps. A scope of motorhomes equipped with the G9 board was pulled to determine the total of potentially affected units.

August 17, 2020 - TMC Safety Committee met and determined a recall is needed.

Description of Remedy :

Description of Remedy Program : The remedy will be to add on an additional circuit module to the existing component board. This additional module will provide over-current protection, thus eliminating the possibility for thermal flammability. Reimbursement will be provided through the normal warranty claim process.

How Remedy Component Differs from Recalled Component : Remedy component will include the additional circuit module.

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : TMC will notify the dealers and owners of the recreational vehicles by letter. A final copy of the owner letter will be provided to NHTSA, along with the dealer repair procedures.

Planned Dealer Notification Date : OCT 20, 2020 - OCT 20, 2020

Planned Owner Notification Date : OCT 20, 2020 - OCT 20, 2020

* NR - Not Reported