

Part 573 Safety Recall Report

24V-522

Manufacturer Name : Grand Design RV, LLC**Submission Date :** JUL 31, 2024**NHTSA Recall No. :** 24V-522**Manufacturer Recall No. :** 910044**Manufacturer Information :**

Manufacturer Name : Grand Design RV, LLC

Address : 11333 County Road 2

Middlebury IN 46540

Company phone : (574) 825-8000 x2015

Population :

Number of potentially involved : 734

Estimated percentage with defect : 5 %

Vehicle Information :

Vehicle 1 : 2024-2024 Grand Design Reflection Travel Trailer

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Basis for the recall population was determined based on the date that we implemented the Battery Control Box in the affected models. The location of the battery control box, required greater than 18" of 6 gauge wiring to connect which is a violation of NFPA 1192 code requirements. Units not included in the recall population meet NFPA 1192 code requirements. There 734, model year 2024, Grand Design Reflection Travel Trailers included in the scope.

Production Dates : AUG 08, 2023 - JUN 11, 2024

VIN Range 1 : Begin : 573FR3429R3348091 End : 573TR3429R3350425 Not sequentialVIN Range 2 : Begin : 573TR3729R9924773 End : 573TR3724R9927290 Not sequential**Description of Defect :**

Description of the Defect : Units require 50-amp over current protection within 18" of the point of entry into the interior of the RV if the wire dimension is over 6 gauge. The RV's encompassed in this population have greater than 18" of 6 gauge wire without overcurrent protection.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Wiring without circuit protection could become damaged. This could lead to an electrical short. An unprotected electrical short could cause a fire.

Description of the Cause : The 6 gauge wiring connects to the Battery Power Control Box. The box for the affected models is located too high, requiring an excess of 18" of 6 gauge wire to connect. This is a code violation under NFPA 1192.

Identification of Any Warning Warning signs include intermittent or total loss of power in some functions, that can Occur : smoke, or flame.

Involved Components :

Component Name 1 : Red Battery Wires

Component Description : 6ga Red Wire

Component Part Number : 410332

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : NR

Chronology :

June 2024 During a routine audit of production it was determined that there was no overcurrent protection at the point where the battery cables enter the RV and that the battery cables were in excess of 18". The maximum allowable length of unprotected wiring in this location is 18" making this a NFPA 1192 code violation.

June 2024 Grand Design determines that due to noncompliance a field action is required for units built with this code violation.

Description of Remedy :

Description of Remedy Program : Dealers will install a 50-amp breaker at the point where the battery cables enter the RV. The 50-amp breaker brings the wiring into code and also offers circuit protection.

Owner's who have already paid to have their vehicle repaired for this condition, will be eligible for reimbursement of the charges they paid for the repair.

How Remedy Component Differs from Recalled Component : The units built after 6/11/24 have wiring is less than 18" exposed in the interior of the unit.

Identify How/When Recall Condition was Corrected in Production : The Battery Power Control Box was relocated, closer to the 6 gauge wiring point of entry. The wiring is now less than 18" and meets NFPA1192 code requirements.

Recall Schedule :

Description of Recall Schedule : Owners of affected vehicles will be notified by First Class mail that their vehicle is affected by this recall. In addition, we will post recall information electronically for consumer access. Dealers will be notified of the recall action (by First Class mail & electronically) and will be supplied with inspection/repair information as well as vehicle identification information.

Planned Dealer Notification Date : JUL 22, 2024 - JUL 24, 2024

Planned Owner Notification Date : JUL 24, 2024 - JUL 26, 2024

* NR - Not Reported