

Part 573 Safety Recall Report

18V-764

Manufacturer Name : Grand Design RV, LLC

Submission Date : OCT 30, 2018

NHTSA Recall No. : 18V-764

Manufacturer Recall No. : 910017



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 : 1,765

Estimated percentage with defect : 85 %

Vehicle Information :

Vehicle 1 : 2018-2019 Grand Design Reflection 28BH & 29RS Fifth-Wheels

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : It was determined through a review of our primary circuit electrical wiring configuration that the wires were incorrectly installed at the over-current protection 50 amp mini-breaker bus bar location in the front bulkhead storage area. Affected vehicles have the over-current protection located at a bus bar with mini-breakers where units not included in the recall were produced with in-line over-current protection fuses. A total of 1765 Reflection 28BH & 29RS fifth-wheel trailers are affected.

Production Dates : JUN 06, 2017 - OCT 25, 2018

VIN Range 1 : Begin : 573FR3222J3405558 **End :** 573FR3227K3410854 Not sequential

Description of Defect :

Description of the Defect : On affected vehicles, the 50 amp mini-breaker located on the bus bar for the incoming power circuit was installed incorrectly, resulting in the incorrect wiring of this circuit. As a result, the circuit for the power converter does not have over-current protection.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event of an over-current situation (short, ground, etc.) the converter circuit is unprotected. If an over-current situation were to occur, the circuit could overheat creating the potential for a fire.

Description of the Cause : The 50 amp mini-breaker at the bus bar for the incoming power circuit was installed upside down, in effect reversing the colored terminal connections. As a result this circuit was wired backwards, thereby eliminating the over-current protection provided by the mini-breaker for this circuit.

Identification of Any Warning that can Occur : Can occur without warning if an over-current situation were to occur.

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
Country : NR

Chronology :

On 10/22/18 Grand Design reviewed the wiring documentation for the primary circuit and conducted audits across all of our products and manufacturing facilities. It was discovered on 10/24/18 through this process that we had incorrect wiring at the bus bar mini-breaker location on the affected models. An investigation revealed that on 6/6/17 we changed the over-current protection for this circuit from an in-line fuse configuration to a 50 amp mini-breaker bus bar configuration. Looking further we determined that the 50-amp mini breaker for the converter circuit was installed upside down at the bus bar and the wiring was backwards, thereby not providing over-current protection. We concluded that this incorrect wiring started with this change and carried forward until discovered. We convened our Product Safety Review Committee on 10/29/19 and the decision was made to launch a safety recall.

Description of Remedy :

Description of Remedy Program : Vehicles affected by this recall will be inspected by dealers to determine if the 50-amp mini breaker at the bus bar is installed correctly and the circuit is wired correctly. If the breaker is mounted upside down and the circuit is wired incorrectly the dealer will install the breaker correctly and make sure the wiring is correct at this location in order to provide over-current protection. Owners that have paid to have this service performed will be immediately reimbursed by Grand Design.

How Remedy Component Differs from Recalled Component : There is no component replacement involved in this recall.

Identify How/When Recall Condition was Corrected in Production : Grand Design immediately expanded our manufacturing online audit process to include visual inspection of the wiring connections at the mini-breaker bus bar location. In addition, we have updated all visual aids in the electrical departments on all lines. We will also expand training and re-training of electrical department personnel in all manufacturing facilities.

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 repair information and vehicle identification information.

Planned Dealer Notification Date : NOV 26, 2018 - NOV 28, 2018

Planned Owner Notification Date : NOV 26, 2018 - NOV 28, 2018

* NR - Not Reported