

Part 573 Safety Recall Report

17V-620

Manufacturer Name : Grand Design RV, LLC**Submission Date :** OCT 04, 2017**NHTSA Recall No. :** 17V-620**Manufacturer Recall No. :** 910010**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 : 3,621

Estimated percentage with defect : 10 %

Vehicle Information :

Vehicle 1 : 2017-2018 Imagine All

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : Defect relates to improper installation of bell cap wire connectors at the Air Conditioning unit. Recall population is based on the start date of an employee who failed to follow proper procedures for the correct installation of bell cap connectors. Population covers vehicles built up to the point where the improper installation was identified and corrected. On vehicles built after this population a new style wire connector was implemented along with an employee training program.

Production Dates : JAN 09, 2017 - AUG 15, 2017

VIN Range 1 : Begin : 573TE3329H6600420 End : 573TE3221J6604792 Not sequential**Description of Defect :**

Description of the Defect : On affected vehicles, the bell cap wire connector was incorrectly installed. As a result, the wires may become detached from the connector creating the potential for a direct short in the electrical system.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : In the event that the Air Conditioning wires become detached from the bell cap connector, the potential exists for a direct short in the electrical system. If this were to occur, the potential exists for a fire.

Description of the Cause : Cause of the defect is the improper installation of the bell cap wire connectors used at the Air Conditioning unit.

Identification of Any Warning that can Occur : Air Conditioning system fails to operate.

Supplier Identification :

Component Manufacturer

Name : NR
Address : NR
NR
Country : NR

Chronology :

On 8/7/17 we received a field report notifying us of a retail owned vehicle that experienced a fire in the ceiling in the vicinity of the Air Conditioning unit. We dispatched an investigator who determined that the cause was an improper wire connection at the AC unit that created a direct short in the wiring. Following the investigators return we inspected several vehicles and identified a small population where the crimp connection at the bell connector was questionable, however the wires appeared to be properly secured. On 9/21/17, we received a 2nd notification of a vehicle fire in the vicinity of the AC unit. Our investigator was dispatched to inspect the vehicle and again it was determined that the cause was an improper bell cap wire connection at the AC unit. On 10/3/17 we convened our Safety Review Committee, at which time it was determined that we need to launch a recall of all suspect vehicles.

Description of Remedy :

Description of Remedy Program :	The remedy involves the removal of all three (3) bell cap wire connectors at the Air Conditioning (AC) unit and reattach the wires using a new style "positive retention" wire connector. Any consumers that paid to have repairs performed to the AC wiring will be reimbursed for any expenses they incurred.
How Remedy Component Differs from Recalled Component :	The remedy component is a "positive retention" wire connector (referred to as a Wago connector) which assures that the wire strands are properly connected and retained in the connector. The "bell cap" wire connectors (part # 410099 & 410098) will no longer be used to make the necessary connections at the AC unit.
Identify How/When Recall Condition was Corrected in Production :	Beginning with production after 8/15/17 the use of "bell cap" wire connectors was halted and the line changed over to the new style "Wago" connector.

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 retail access. Dealers will be notified of the

recall action (by mail & electronically) and will be supplied with repair information and vehicle identification information.

Planned Dealer Notification Date : OCT 23, 2017 - OCT 24, 2017

Planned Owner Notification Date : OCT 23, 2017 - OCT 24, 2017

* NR - Not Reported