U.S. Department of Transportation

National Highway Traffic Safety Administration

Part 573 Safety Recall Report 26V616

Manufacturer Name: Grand Design RV, LLC
Submission Date: Oct 15, 2026
NHTSA Recall No.: 26V616
Manufacturer Recall No.: 910068

Manufacturer Information

Manufacturer Name: Grand Design RV, LLC
Address: 11333 County Road 2
Middlebury IN, 46540

Population

Total number of potentially involved: 16,075
Estimated percentage with defect: 100%

Vehicle Information

Vehicle 1: 2024-2027 GRAND DESIGN REFLECTION
Product Category: Trailers
Product Type: Recreational Trailers
Fuel / Propulsion:
Production Dates: Aug 08, 2023 - Sep 16, 2026
Number of potentially involved: 16,075

Descriptive Information:
The population consists of units built with both a 12V/24V auto detect solar controller and a 7-Way bulkhead power center. Units built without the 12V/24V auto detect solar controller, and units built with a solar controller that does not offer a 24V output mode, are not included.

Defect / Noncompliance Description

Description of the defect or noncompliance:

The solar controller installed on the subject vehicles has a firmware that can select a 24V output mode even though the subject vehicles are built with a 12V electrical system. A 24V output can exceed the voltage rating in the 7-Way bulkhead power center and can damage that power center and associated circuits.

FMVSS1:

FMVSS2:

Description of the safety risk, including crash, fire, death, injury:

The 7-Way bulkhead power center distributes 12V power the trailer brake circuit and the exterior lighting circuits. Damage to those circuits could impair trailer braking or exterior lighting, increasing the

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risk of a crash.

The 24V output could also cause thermal damage or degradation to the power center within the bulkhead compartment.

Description of the cause:

The solar controller's auto-detect function may select a 24V output mode on vehicles built with a 12V electrical system.

Identification of any warning that can occur:

In the event of a trailer brake or exterior lighting failure the driver may receive a fault notification through their integrated tow module. Thermal damage or degradation of the power center may occur with little or no warning.

Component Manufacturer

Tier of Supplier: Tier 1

Supplier Type: Distributor

Name: Lippert Components

Address: 2020 Blakesly Pkwy
Bristol IN, 46507

Country: United States

Involved Components

Component Name 1: SOLAR CHARGER MPPT 60A WALL MOUNT W/ BLUETOOTH APP

Component Description: SOLAR CHARGER MPPT 60A WALL MOUNT W/ BLUETOOTH APP (FSCC60PW2)

Component Part Number: 2023006263

Chronology

08/13/2025 - Grand Design received a report of thermal degradation within at the 7-Way bulkhead power center on a Reflection unit.

10/15/2025 - Grand Design received an additional report of the same condition were received. Monitoring for additional cases/claims is put in place.

03/12/2026 - Grand Design received a 3rd report of the condition is received, product safety investigation is opened

04/8/2026 - Grand Design received the power center supplier was engaged. Design and build configurations were reviewed across product lines using the same power center.

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04/13/2026 through 08/17/2026 - Grand Design's laboratory testing of the power center and associated systems takes place.

07/28/2026 - Grand Design identifies and examines the power center was returned for evaluation.

08/07/2026 - Grand Design's testing identified that the 12V/24V solar controller can select a 24V output mode, which exceeds the voltage rating of the power center protection circuit.

08/14/2026 - Grand Design begins conversations with Furrion engineering team about solar controller concern

09/11/2026 - Grand Design Brand Action Committee reviewed the matter and referred it to the Product Safety Committee.

09/17/2026 - Grand Design Product Safety Committee determined that a safety-related defect exists in the subject vehicles and directed a safety recall

Related NHTSA Recall Number:

Description of Remedy

Remedy Type: Inspect, Software

Consumer Advisories: ☐ Do Not Drive ☐ Park Outside

Description of remedy program:

Furrion will provide a solar controller firmware update that removes the auto detect 24V output mode. The update is provided at no cost and owners will be instructed to install the update through the solar controller manufacturer’s mobile application, available in the applicable app store.

After installing the firmware update and before towing, verify that the trailer’s exterior lights and brakes function properly. A loss of either function may trigger a malfunction notification through the tow vehicle’s integrated tow module. If either function fails, do not tow the trailer. Contact an authorized Grand Design dealer for inspection and repair.

Owners will be instructed to install the update through the application and to submit to Grand Design a screenshot showing the updated firmware version together with the vehicle identification number. Grand Design will record the submission against the vehicle identification number for recall completion reporting under 49 CFR 573.7.

Any owner unable to complete the firmware update or who finds a loss of brakes or lighting will be directed to a dealership with the capabilities to assist.

How remedy component differs from recalled component:

The updated firmware does not permit auto detection to 24V output so the solar controller operates only in 12V mode.

Identify how/when recall condition was corrected in production:

All product on hand has had its firmware updated to ensure it cannot auto detect to 24V output. Production clean point was 9/16/2026.

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Reimbursement Plan

Manufacturer used general reimbursement plan on file.

Recall Schedule

Description of recall schedule:

Planned Dealer Notification Date: Oct 19, 2026 - Oct 23, 2026 ☐ No Dealers

Planned Interim Owner Notification Date: ☐ No Owners

Planned Remedy Owner Notification Date: Nov 16, 2026 - Nov 20, 2026 ☐ Phased Recall

Date when VIN will be searchable: