

# Part 573 Safety Recall Report

## 24V-916

**Manufacturer Name :** Grand Design RV, LLC

**Submission Date :** DEC 10, 2024

**NHTSA Recall No. :** 24V-916

**Manufacturer Recall No. :** 910047



### 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 : 508

Estimated percentage with defect : 100 %

### Vehicle Information :

Vehicle 1 : 2023-2025 Grand Design Momentum

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

**Descriptive Information :** Grand Design has determined that there is a potential for the interior steps on the Momentum Fifth wheel to fail due to excessive overhang of the step tread. The concern was remedied in production by a change in the step base that reduces the step overhang. The step tread material was also changed. There are 508 affected units in the population.

**Production Dates :** JUL 27, 2022 - OCT 22, 2024

**VIN Range 1 :** Begin : 573FM4737PBB00242 End : 573FM4739PBB01389

☒ Not sequential

**VIN Range 2 :** Begin : 573FM4229SBB02923 End : 573FM4835SBB03356

☒ Not sequential

### Description of Defect :

**Description of the Defect :** The interior step of the 344M, 392M, 410TH, and 414TH have a metal riser with a composite step material. The base does not adequately support the step tread.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** The step tread could loosen from the base, increasing the risk of fall and injury.

**Description of the Cause :** The metal base/riser framing does not adequately support the overhang of the step tread.

**Identification of Any Warning that can Occur :** The step tread may be loose.

Involved Components :

Component Name 1 : STEP STAIR STRINGER FRAME 14 GA REV 05 DH Machin

Component Description : STEP STAIR STRINGER FRAME 14 GA REV 05 DH Machine

Component Part Number : DHM-1840-REV 05

Component Name 2 : STEP TREAD INTERIOR 11 3/4 x 27 15/16 Square Black

Component Description : STEP TREAD INTERIOR 11 3/4 x 27 15/16 Square Black

Component Part Number : OMNIA DWG 2T-03B

Component Name 3 : STEP TREAD INTERIOR 11 1/2 x 27 15/16 Square Black

Component Description : STEP TREAD INTERIOR 11 1/2 x 27 15/16 Square Black

Component Part Number : OMNIA DWG 2T-02B

Component Name 4 : STEP TREAD INTERIOR 11 9/16 x 27 15/16 Square Blac

Component Description : STEP TREAD INTERIOR 11 9/16 x 27 15/16 Square Black

Component Part Number : OMNIA DWG 2T-01B

Supplier Identification :

Component Manufacturer

Name : NR

Address : NR

NR

Country : United States

Chronology :

August 29, 2024 – Product Safety team is notified during the National Rally that a step tread detached from the step riser on a display proto unit. Unit is closed for the rest of the rally.

September 2024 – During investigation it is determined that production neglected to use construction adhesive on the step tread when attaching to the step base, and this is why this occurred. Quality assures the team that this is now being done and no in field units should be affected as the unit that failed at the rally was a proto unit.

September 2024 – Product Safety team is notified of another incident with the step tread detaching from the riser. This falls in the population before the construction adhesive was added. Additional testing is requested to ensure that with the construction adhesive in place the step can withstand 900lbs of force.

October 2024 – A review of warranty claims reveals 9 additional failures.

November 2024 – Testing is concluded, and it is determined that the step as built is unable to withstand 900lbs of force. Grand Design is notified of a 10th failure that caused an injury.

December 2024 – Grand Design votes to recall.

Description of Remedy :

Description of Remedy Program :	Remedy is to replace the step riser and step treads reducing the overhang of the step tread.
How Remedy Component Differs from Recalled Component :	The remedied components differ from the recalled components by changing the step base structure to provide more support, improved step tread fasteners and a different tread material.
Identify How/When Recall Condition was Corrected in Production :	Production has updated online components to the same as the remedy components. The newly designed step/base configuration has been tested to withstand 900 pounds. The changes were implemented in October 2024.

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 :	JAN 15, 2025 - JAN 15, 2025

Planned Owner Notification Date : JAN 16, 2025 - JAN 16, 2025

\* NR - Not Reported