

# Part 573 Safety Recall Report

## 23V-455

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

**Submission Date :** JUN 29, 2023

**NHTSA Recall No. :** 23V-455

**Manufacturer Recall No. :** 910038



### 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 :** 1,366

**Estimated percentage with defect :** 5 %

### Vehicle Information :

**Vehicle 1 :** 2023-2023 Grand Design RV Momentum, Reflection

**Vehicle Type :** TRAILERS

**Body Style :**

**Power Train :** NR

**Descriptive Information :** The recall population was determined by Lippert Components, the axle manufacturer. The recalled axles were determined by the component manufacturer to have a defect with the grease zerk. Units not included in the recall were produced after the supplier made corrective actions. A total of 1366 Momentum & Reflection units from model year 2023 are affected.

**Production Dates :** FEB 21, 2023 - JUN 06, 2023

**VIN Range 1 :** Begin : 573TM3427P1219484 End : 573TM2720P1219929

☒ Not sequential

**VIN Range 2 :** Begin : 573TR3429P3346257 End : 573FR3222P3347069

☒ Not sequential

**VIN Range 3 :** Begin : 573FR3824P9923720 End : 573FR3721P9924423

☒ Not sequential

### Description of Defect :

**Description of the Defect :** According to Lippert, the supplier of the axle assembly, the grease zerk may not have been tightened properly on a number of axles supplied to Grand Design RV. Lippert's analysis determined that an improperly tightened grease zerk fitting may separate from the end of the axle spindle and lodge in a slot of the castle nut. This condition can interfere with the rotating dust cap which can potentially sheer the cotter pin, allowing the castle nut to back off the axle spindle which can result in a wheel hub failure.

**FMVSS 1 :** NR

**FMVSS 2 :** NR

**Description of the Safety Risk :** A wheel hub failure due to an improperly tightened grease zerk fitting can lead to a wheel coming off of the axle increasing the chance of injury or crash.

Description of the Cause : According to Lippert, the grease zerk fitting was not properly tightened during assembly.

Identification of Any Warning that can Occur : Vibration, noise and excessive heat at the wheel end may occur.

### Involved Components :

Component Name 1 : CURT by Lippert Axle

Component Description : CURT60-SBSA-90-74.5-NOSP-OS-L-C65517-ABS-7227-BRONZE-30PT-122447-CAP 6000#

Component Part Number : 2021128541

Component Name 2 : CURT by Lippert Axle

Component Description : CURT60-SBSA-86.5-68.5-NOSP-OS-L-C65517-ABS-7227-BRONZE-30PT-122447-CAP 6000#

Component Part Number : 2021127638

Component Name 3 : CURT by Lippert Axle

Component Description : CURT52-SBSA-86.5-68.5-NOSP-OS-L-C65517-ABS-7226-BRONZE-30PT-122446-CAP 5200#

Component Part Number : 2021128122

Component Name 4 : CURT by Lippert Axle

Component Description : CURT52-SBSA-86.5-68.5-NOSP-OS-L-C65517-ABS-7225-BRONZE-30PT-177043-CAP 4400#

Component Part Number : 2021128449

Component Name 5 : CURT by Lippert Axle

Component Description : CURT52-SBSA-86.5-68.5-NOSP-OS-L-C65517-ABS-7226-BRONZE-30PT-122446-CAP 5100LBS

Component Part Number : 2021129546

## Supplier Identification :

### Component Manufacturer

Name : Lippert Components attn:Pamela VanderMel  
Address : 3501 County Rd. 6 East  
PO Box 2888 Elkhart Indiana 46515  
Country : United States

## Chronology :

4/10/23 - Customer reported a wheel off incident. Grand Design reported axle related concern to Lippert Components.  
5/18/23 - Grand Design received 5 more complaints regarding wheel off on 5200-6000 CURT axles. The incidents were reported to Lippert Components. 5/25/23 - Lippert team notified Grand Design of a request to inspect all axles on campus and in shipping yards. 5/26/23 - Lippert performs inspections. 6/15/23 - Lippert met with Grand Design RV to review information from their inspections. 6/23/23 - Grand Design notified of Safety Recall 23E-046. 6/28/23 - Grand Design Product Safety committee met and affirmed the field action.

## Description of Remedy :

Description of Remedy Program :	Grand Design has received instructions for inspection and repair or replacement as needed of CURT axles which do not pass the inspection or have an occurrence. If repair or replacement is needed, Lippert will supply the necessary items to complete the repair or replace the faulty product. Owners that have paid to have this service performed will be reimbursed by Grand Design for any expenses incurred relating to the defect.
How Remedy Component Differs from Recalled Component :	Per Lippert Components, the remedied components have been certified through the revised manufacturing process.
Identify How/When Recall Condition was Corrected in Production :	Per Lippert Components, on 5/29/2023, Lippert Components implemented a 1-piece flow process to ensure the zerk is tightened correctly during the installation step, and all operators retrained to the new process and audited on a regular basis. On 6/12/2023, to further improve the tightening process, Lippert Components identified a torque specification to discreetly identify the zerk is tightened properly.

## Recall Schedule :

Description of Recall Schedule :	Owners of affected 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.
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Planned Dealer Notification Date : JUL 24, 2023 - JUL 26, 2023

Planned Owner Notification Date : JUL 26, 2023 - JUL 28, 2023

\* NR - Not Reported