

Part 573 Safety Recall Report

23E-046

Manufacturer Name : Lippert**Submission Date :** JUL 06, 2023**NHTSA Recall No. :** 23E-046**Manufacturer Recall No. :** NR**Manufacturer Information :****Manufacturer Name :** Lippert**Address :** Attn: Pamela VanderMel
PO Box 2888 Elkhart IN 46515**Company phone :** 5743126040**Population :****Number of potentially involved :** 3,427**Estimated percentage with defect :** 5 %**Equipment Information :****Brand / Trade 1 :** Lippert / RV**Model :** N/A**Part No. :** Multiple - see excel**Size :** 5200 and 6000**Function :** RV axles

Descriptive Information : The recall population was determined by tracking production date of field incidents and adding 30 days of prior manufactured products. The recalled products include an additional safety range; products not included in the recall have had no reported issues. Additional products not included in the recall were produced after the corrective action was put in place. We are an equipment supplier and do not have make/model/model year information. The entire quantity involved were shipped during calendar year 2023.

Production Dates : FEB 07, 2023 - MAY 17, 2023**Description of Defect :**

Description of the Defect : During assembly of the axle the grease zerk may not have been tightened properly. If a grease zerk is not tightened correctly on the roadside end of the axle assembly equipped with a 6-lug hub, it may separate from the end of the spindle and become lodged in a slot of the castle nut. This condition can interfere with the rotating dust cap which can potentially shear the cotter pin, allowing the castle nut to back off

FMVSS 1 : NR**FMVSS 2 :** NR

Description of the Safety Risk : An improperly tightened grease zerk can ultimately lead to a wheel coming off of the axle increasing the chance of injury or crash.

Description of the Cause : Axle assembly operator error during install of the grease zerk..

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

Involved Components :

Component Name : CURT by Lippert Axle

Component Description : 5200 and 6000 Curt Axle

Component Part Number : 2021128541, 2021127638, 2021128122, 2021128449, 2021129546, and V000809512

Supplier Identification :

Component Manufacturer

Name : We are the manufacturer - Lippert

Address : NR

NR

Country : NR

Chronology :

4/15-6/14/2023 Open Investigation due to a wheel off incident occurring in April. Additional incidents reported to Lippert by GDRV as investigation into root cause continued.

5/25/2023: Lippert team notified Grand Design of our request to inspect all axles at GDRV locations as well as ship yards.

5/26/2023: Lippert inspection of specific axles continued

6/1/2023: Lippert internal team reviews findings of axle inspections for potential grease zerk placement error

6/15/2023: Met with Grand Design RV to review information of 1.172 axles inspected and two axles found to not have zerk properly seated.

6/19/2023: Internal meeting with Lippert Leadership and decision made to file recall.

6/22/2023: NHTSA 573 filed

Description of Remedy :

Description of Remedy Program : Remedy program: Inspect all material to verify grease zerks are tightened correctly. Any non-compliant product will be repaired and/or replaced as necessary. Lippert will reimburse OEM's, dealers, and consumers for any labor and/or parts needed to perform the inspection and complete the recall.

How Remedy Component Differs from Recalled Component : Remedied components have been certified through the revised manufacturing process.

Identify How/When Recall Condition was Corrected in Production : 5/29/2023: 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.
6/12/2023: To further improve the tightening process, a torque specification was defined to discreetly identify the zerk is tightened properly.

Recall Schedule :

Description of Recall Schedule : Lippert is an equipment supplier and sells/ships to final state RV Manufacturers only. Lippert will notify our customers, the RV Manufacturers, and they will notify any consumers and dealers.

Planned Dealer Notification Date : JUN 23, 2023 - JUN 30, 2023

Planned Owner Notification Date : NR - NR

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : Grand Design RV

Address : 11456 CR 2

Middlebury IN 46540

Country : US

Company Phone : 5748259679

* NR - Not Reported