

Part 573 Safety Recall Report

23E-050

Manufacturer Name : Lippert**Submission Date :** SEP 12, 2023**NHTSA Recall No. :** 23E-050**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 : 13,997

Estimated percentage with defect : 5 %

Equipment Information :

Brand / Trade 1 : Lippert / RV

Model : N/A

Part No. : 2021127067 + 5 more

Size : 7000 and 8000 lb axles.

Function : Axles on RV's

Descriptive Information : The recall population was determined by reviewing incidents of springs slipping out of alignment. The products not included in the recall have had zero incidents and are not used in the same specific applications.

As an equipment supplier we do not track by make/model/model year and can only supply quantity by calendar year.

2021: 002

2022: 9480

2023: 4511

Production Dates : SEP 15, 2021 - MAY 19, 2023

Description of Defect :

Description of the Defect : No parts were found to be defective with respect to design specification. The non compliance results from the dynamic loading the axle sees on this application which exceeds its design expectation.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An insufficiently tightened u-bolt could allow the axle to slip out of position. An axle that moves out of position can increase the chance of a crash or injury.

Description of the Cause : The prior axle u-bolt torque did not provide enough clamp load to withstand the dynamic forces seen in this specific application.

Identification of Any Warning : Visual inspection of spring would show shifting of leaves within the stack. Axle

that can Occur : spacing differs from roadside to curbside (tire centers), and/or tire interference with body features may be noticed.

Involved Components :

Component Name : Curt 7000 pound Axle

Component Description : CURT70-SBSA-90.5-74.5-NOSP-OS-L-C86537-ABS-7279-BRONZE-30PT-132068-CAP 7000#

Component Part Number : 2021127067

Component Name : Curt 7000 pound axle

Component Description : CURT70-SBSA-90.5-74.5-NOSP-OS-L-C86537-ABS-7279-BRONZE-30SPT-132068-CAP 7000#

Component Part Number : 2022109939

Component Name : curt 8000 pound axle

Component Description : CURT80-SBSA-90.5-74.5-NOSP-OS-L-C86580/36-ABS-7279-BRONZE-30SPT

Component Part Number : 2022451318

Component Name : Lippert 7000 axle

Component Description : LCI70-SBSA-90.5-74.5-NOSP-OS-L-86537-7279-BRONZE-30PT-132068-CAP 7000# V000650796

Component Part Number : v000656544

Component Name : Curt 8000 pound axle

Component Description : CURT80-SD-90.5-74.5-NOSP-OS-L-C86580-9/16-7279-BRONZE

Component Part Number : v000674040

Component Name : curt 7000 pound axle

Component Description : CURT70-SD-90.5-74.5-NOSP-OS-L-C865H-9/16-7279-BRONZE-132068-CAP
7000# V000650796

Component Part Number : v000678286

Supplier Identification :

Component Manufacturer

Name : Lippert

Address : NR

NR

Country : NR

Chronology :

3/13/23: Lippert began investigating incidents reported by Grand Design of potential slipped springs.

03/20/23: Performed internal and 3rd party testing which confirmed all components conform to Lippert design specifications.

03/27/23: Third party testing results contracted by Lippert reviewed with Grand Design. Grand Design performs an end of line torque check to 65 ft-lbs. Discussion opened of increasing Grand Design end of line loaded axle torque check to 80 ft-lbs.

05/11-05/15/23: Grand Design reported 2 occurrences of spring slips on units in transit.

05/16/23: Implemented short term action at axle production increasing u-bolt install torque from 90 ft-lbs to 110 ft-lbs to help withstand dynamic loading issues being seen.

05/25/23: Meeting with Grand Design. Lippert recommended increasing Grand Design end of line loaded axle torque check to 90 ft-lbs

06/15/23: Mtg w/Grand Design to review all prior data, occurrences and findings. Grand Design shared results of their contracted independent third party testing and found no components supplied by Lippert to be non-conforming. Discussion regarding field action and Grand Design's formal request for Lippert to continue investigation and consider filing a recall directing u-bolt torque to be adjusted on units built with specific axles.

06/19/23: Grand Design shared records of all similar incidents.

06/21-6/23/23: Lippert review of YTD claim data confirming other RV Mfr's utilizing same axles have had no reported issues.

06/27/23: Internal safety committee meeting and agreement to continue to investigate but file a 573 at GDRV's request.

7/5/23: Lippert files 573

Description of Remedy :

Description of Remedy Program : The remedy consists of tightening the u-bolts to 90 ft-lbs on installed axles. Repairs made prior to the recall will be reimbursed in accordance with our recall reimbursement plan. Lippert will reimburse dealers and OEM's for labor to perform the required adjustment.

How Remedy Component Differs from Recalled Component : Remedied components will be torqued to the stated torque specification.

Identify How/When Recall Condition was Corrected in Production : The recall condition was corrected in production at Lippert on 05/16/2023 by implementing the revised torque specification of 110 ft-lbs at u-bolt install.

Recall Schedule :

Description of Recall Schedule : Lippert will notify our customers, which are RV Manufacturers, and they will notify their dealers and their retail owners.

Planned Dealer Notification Date : JUL 06, 2023 - JUL 07, 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 : 11356 CR 2
Middlebury IN 46540

Country : US

Company Phone : 5748259679

* NR - Not Reported