

Part 573 Safety Recall Report

24V-193

Manufacturer Name : Grand Design RV, LLC**Submission Date :** MAR 15, 2024**NHTSA Recall No. :** 24V-193**Manufacturer Recall No. :** 910042**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 : 1,469

Estimated percentage with defect : 3 %

Vehicle Information :

Vehicle 1 : 2024-2024 Grand Design Solitude and Momentum Fifth Wheel

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : The recall population was determined by the dates where u-bolts may have been over torqued in production. The recalled units are specific to the production dates between 7/10/23 and 11/2/23 when this occurred. There are 1469, 2024 momentum and Solitude fifth wheel trailers equipped with 7k and 8k axles potentially affected in this recall.

Production Dates : JUL 10, 2023 - NOV 02, 2023VIN Range 1 : Begin : 573FM4129RBB01427 End : 573FM4636RBB01998 Not sequentialVIN Range 2 : Begin : 573FS4326RAA16313 End : 573FS4328RAA17284 Not sequentialVIN Range 3 : Begin : 573FM423XR1220050 End : 573FM423XR1220081 Not sequential**Description of Defect :**

Description of the Defect : It was discovered production was over torqueing the axle U-bolt at the end of the assembly line. Some U-bolts may have been torqued to 110 ft. lbs. instead of the specified 90 ft. lbs.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : A U-bolt that is over torqued may stretch and allow the spring pack to move on the axle beam. An spring pack that moves on the axle beam may cause the axle to shift out of alignment, which could make the trailer difficult to control, increasing the risk of a crash.

Description of the Cause : U-bolts were torqued to 110 ft. lbs and not the prescribed 90 ft. lbs.

Identification of Any Warning that can Occur : Visual inspection of the spring pack would show shifting of leaves within the spring pack, witness marks, and/or fanning.

Involved Components :

Component Name 1 : Curt 7000 pound Axle

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

Component Part Number : 2021127067

Component Name 2 : 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 3 : 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 4 : 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

Supplier Identification :**Component Manufacturer**

Name : Lippert Components

Address : 3501 County Road 6 East
Elkhart Indiana 46540

Country : United States

Chronology :

On 7/7/23 Grand Design was notified by Lippert Components of a defect on certain axles regarding improperly torqued U-bolts (Lippert recall #23E-050).

Between 7/21/23 and 11/1/23 Grand Design was made aware of 12 units that experienced spring slip issues while in transit to the dealership (before retail sale); all of which fell outside the scope of the previous recall. An investigation was opened to further understand the potential issue.

On 1/11/24 Grand Design was made aware of a retail sold unit built outside the recall population that experienced a spring slip.

In the course of the investigation, it was discovered that due to a miscommunication there was a possibility that U-bolts were over torqued on the Grand Design assembly line.

On 3/5/24 the findings of the investigation were reviewed by the Executive Product Safety Committee and a decision was made to launch a recall to cover the scope of units that may have been affected by the over torque issue.

Grand Design is not aware of any accidents or injuries as a result of this issue.

Description of Remedy :

Description of Remedy Program : Grand Design as the final stage manufacturer will release a Recall Notice (immediately following NHTSA assignment of a recall number) to all Grand Design dealers and Registered owners. Owners will be instructed to take their vehicle to the nearest Grand Design dealer to have their u-bolts replaced at no charge. Owner's 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 : Remedied components will have u-bolts torqued to the appropriate 90 ft. lb. value.

Identify How/When Recall Condition was Corrected in Production : The recall condition was corrected in production November 2, 2023. On line inspectors verified torque wrench calibration and production workers were retrained not to exceed the correct torque value.

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 and electronically) and will be supplied with repair information and vehicle identification information.

Planned Dealer Notification Date : MAR 25, 2024 - MAR 27, 2024

Planned Owner Notification Date : MAR 27, 2024 - MAR 29, 2024

* NR - Not Reported