

# Part 573 Safety Recall Report

## 22V-728

**Manufacturer Name :** Keystone RV Company

**Submission Date :** OCT 05, 2022

**NHTSA Recall No. :** 22V-728

**Manufacturer Recall No. :** 22-436



### Manufacturer Information :

Manufacturer Name : Keystone RV Company

Address : PO Box 2000  
2642 Hackberry Drive Goshen IN  
46527

Company phone : 574-535-2100

### Population :

Number of potentially involved : 721

Estimated percentage with defect : 2 %

### Vehicle Information :

Vehicle 1 : 2021-2022 Crossroads Redwood

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : All Models with 8K Axles.  
Redwood model unit count 416.

Production Dates : OCT 12, 2020 - DEC 15, 2021

VIN Range 1 : Begin : 4YDF39829M9340239 End : 4YDF39025M9340542 ☒ Not sequential

VIN Range 2 : Begin : 4YDFRWV23N9340000 End : 4YDFRWU21N9340112 ☒ Not sequential

Vehicle 2 : 2021-2022 Dutchmen Voltage

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : All Models with 8K Axles  
Voltage model unit count 118

Production Dates : FEB 26, 2021 - DEC 15, 2021

VIN Range 1 : Begin : 4YDF3842XMZ991010 End : 4YDF38425MZ991450 ☒ Not sequential

VIN Range 2 : Begin : 4YDFVTU24NZ990045 End : 4YDFVTU23NZ990585 ☒ Not sequential

Vehicle 3 : 2021-2022 Dutchmen Yukon

Vehicle Type : TRAILERS

Body Style :

Power Train : NR

Descriptive Information : All Models with 8K Axles  
Yukon model unit count 187

Production Dates : JUL 08, 2020 - DEC 01, 2021

VIN Range 1 : Begin : 4YDF42122MZ980131 End : 4YDF42129MZ980837 ☒ Not sequential

VIN Range 2 : Begin : 4YDFYKW20NZ980014 End : 4YDFYKW23NZ980301 ☒ Not sequential

### Description of Defect :

Description of the Defect : It has been decided that vehicles in the recall population have a Dexter axle using a spring pack with U-bolts that may not be properly torqued.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Under certain conditions during travel, if the improperly torqued U-bolts come loose, there is an increased risk of the axle sliding back on the springs, which could result in poor vehicle handling and/or vehicle crash.

Description of the Cause : The spring pack U-bolts were not properly torqued.

Identification of Any Warning that can Occur : During the pre-trip inspection, the springs are no longer aligned properly.

### Involved Components :

Component Name 1 : 8000# Axle

Component Description : Axle - 8000# - Straight - D-8000

Component Part Number : 644941

### Supplier Identification :

#### Component Manufacturer

Name : Dexter Axle

Address : PO Box 250

Elkhart Indiana 46515

Country : United States

### Chronology :

6/13/2022 – During a claim review of 8k axles it was determined that a claim of axles had shifted similar to Keystone recall 21-394, 21V-015. Claim review to determine number of total failures.

6/16/2022 – Four cases were sent to Dexter to review failures of spring packs. Dexter opened investigation into failures.

8/18/2022 – Meeting with Dexter to review a total of 9 failures dating between 1/7/2021 and 8/18/2022, zero personal injuries or deaths, and review investigation. No new information determined into failure mode of spring pack. No determination could be made as failed axles had yet to be returned from dealers to review failed parts. Failed parts to be obtained and tested.

9/14/2022 – Meeting with Dexter to review investigation. No new information determined into the failure mode of the spring pack. Investigation is ongoing.

9/15/2022 - Keystone Safety Committee reviewed the information and concluded that the data presented indicated a unanimous vote for a voluntary recall. Investigation called for to determine affected unit range.

9/23/2022 – Range determined.

### Description of Remedy :

Description of Remedy Program : The remedy is to torque the axle spring U-bolts to 110 ft lbs.. Manufacturer Reimbursement Plan on file as of 10/07/2020. General reimbursement plan to be updated every two years. New vehicles are covered under warranty.

How Remedy Component Differs from Recalled Component : The axle spring U-bolts are not being replaced, they are to be properly torqued.

Identify How/When Recall Condition was Corrected in Production : Units were quarantined, inspected then repaired as indicated by inspection.

### Recall Schedule :

Description of Recall Schedule : Keystone will notify the dealers and owners of the recreational vehicles by letter. A final copy of the owner letter will be provided to NHTSA, along with the dealer repair procedures.

Planned Dealer Notification Date : NOV 17, 2022 - NR

Planned Owner Notification Date : NOV 17, 2022 - NR

\* NR - Not Reported