

# Keystone RV Company

10/11/2017

## SAFETY ADVISORY # 17-305

### Lippert Road Armor

Keystone RV Company is conducting a voluntary RECALL notification campaign in accordance with the National Traffic and Motor Vehicle Safety Act. It has been decided that the vehicles listed below may have an incorrectly welded suspension equalizer installed on certain triple axle toy haulers. As a result, under certain stress conditions during travel the suspension may fail leading to an increased risk of property damage and poor vehicle handling.

#### **Models:**

2018 Carbon Fifth Wheels – 387, 417

2018 Fuzion Fifth Wheels – 414, 417, 427, 4141

2018 Raptor Fifth Wheels – 398TS, 424TS, 425TS, 426TS, 428SP

**Serial Number Ranges:**    2018 Carbon JR805467 - JR805474  
   2018 Fuzion JF810408 - JF810472  
   2018 Raptor JR800273 - JR800353

**Parts Required:**                    1 - KRV # 269712 - Axle - Attaching Parts Kit - Triple Axle - 2.25" Links  
   1 - KRV # 331772 - Axle - Equa Flex Suspension - Triple Axle - 7000# - 2 Pair

#### **This Safety Advisory requires a Pre-Authorization**

**Note – Check serial number on Key Express to verify the campaign is open. Some vehicles were repaired before they left Keystone.**

When performing warranty or recall service, please make certain that appropriate Personal Protective Equipment (PPE) is used.

#### **REPAIR INSTRUCTIONS FROM LIPPERT FOLLOW**

## AXLES AND SUSPENSIONS

**REQUIRED TOOLS:** Impact wrench, jack stands, floor or bottle jack.

### Safety Precautions:

Make sure the vehicle is properly supported before performing any maintenance or repair work. Follow the vehicle manufacturer's recommendations for lifting and supporting the unit. Reference [TI-083](#) on the Lippert Components, Inc. website for recommendation on safely jacking the frame.

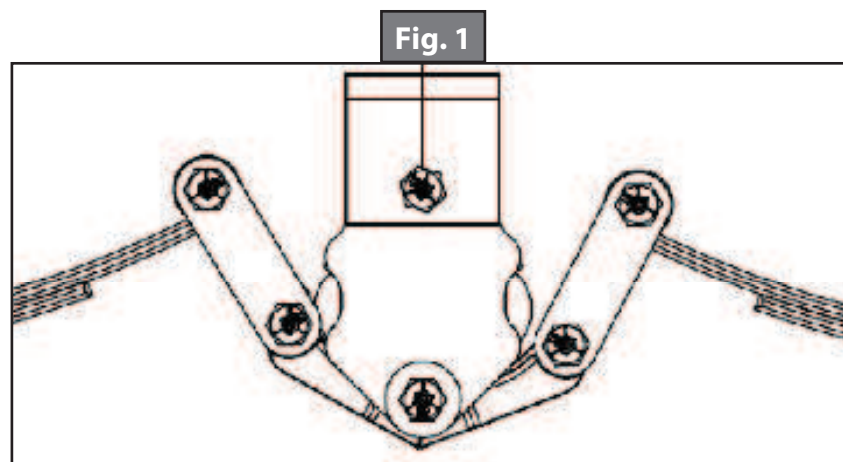
### Disassembly:

1. With the vehicle raised and supported on stands under the frame, remove wheel/tires from the axle hubs.
2. Place floor jacks under each axle. Lift both axles slightly so that the shackle link bolts can be driven out with a hammer. Remove equalizer from frame hanger.
3. Maintain jacks under the axles for reassembly.

### Assembly:

1. Install the Equa-Flex equalizers into the frame hangers on both sides. Install so that the Equa-Flex label is facing out. Install new bolts through the hanger and equalizer. Use a hammer or a piece of steel tube (for bolts with grease fitting) and drive the bolt in until the bolt head is seated against the hanger surface. Tighten the nut until it bottoms out on the bolt shoulder, 30-50 ft-lb.
2. Lift the axles with the jacks into their normal operating position so that the spring eyes are higher than the equalizer eyes. Attach new shackle link assemblies, shackle links, and mounting nuts. Tighten mounting nuts to 30-50 ft-lb.
3. Reinstall tire/wheel assemblies and torque to vehicle manufacturer's recommendations.

**NOTE:** When installing wet bolts, bolts are to be installed from the inside out. The head of the bolt **MUST** be toward the inside of the frame allowing the threaded portion requiring the nut to be facing the outside of the frame. This allows for immediate inspection to ensure the nuts are tight and that the bolts can be greased without removing the tires.



**EQUA-FLEX INSTALLED**

As a supplier of components to the RV industry, safety, education and customer satisfaction are our primary concerns. Should you have any questions, please do not hesitate to contact us at (574) 537-8900 or by email at [customerservice@lci1.com](mailto:customerservice@lci1.com). Self-help tips, technical documents, product videos and a training class schedule are available at [www.lci1.com](http://www.lci1.com) or by downloading the MyLCI app.

**WARRANTY REIMBURSEMENT**

Submit the claim on Key Express using **Flat Rate Code # 7130542B** with **Safety Advisory # 17-305** noted in the customer complaint section of the form. The amount of time authorized for this repair is **2.7 hours**.

Please call Keystone RV Customer Service if you have any questions:

Carbon **(866) 273-1450**

Fuzion **(866) 273-1452**

Raptor **(866) 273-1450**