



# MOTORIZED HYDRAULIC LEVELING REAR CROSSMEMBER RETROFIT ASSEMBLY - FOREST RIVER

SF-100

## LEVELING AND STABILIZATION

This Service Form is designated for the repair of the coach listed specifically below. No other coach is authorized for this repair. Repair per the procedure outlined on the following page(s) along with the diagnosis and authorization of a designated Lippert representative. Completion of this form is required.

Please print this form and fill in the boxes below with the requested information. Once completed, fax the form to (574) 534-7161.

Do not accept this form if the LCI TECH NAME & EMAIL and AUTHORIZED REPAIR TIME fields are not filled in. Submission of this form to LCI indicates agreement to the authorized repair time.

**LCI REF#:**

**LCI TECH NAME & EMAIL:**

**AUTHORIZED REPAIR TIME:**

**BRAND:**

**VIN:**

**MAKE:**

**MODEL:**

**DOM:**

**DOP:**

**COMMENTS/QUESTIONS:**

## LEVELING AND STABILIZATION

**Purpose**

This document outlines the retrofit procedure for installing a crossmember between the rear jacks on a Forest River Sunseeker/Forester Class C #450 chassis built before November 2020.

**Safety****⚠ WARNING**

The "WARNING" symbol above is a sign that the installation procedure has a safety risk involved and may cause death, serious personal injury or severe product or property damage if not performed safely and within the parameters set forth in this instruction sheet.

**⚠ WARNING**

The trailer must be properly supported per the manufacturer's recommendations before working underneath. Failure to do so may result in death or serious personal injury.

**⚠ CAUTION**

The "CAUTION" symbol above is a sign that a safety risk is involved and may cause personal injury or product or trailer damage if not performed safely within the parameters set forth in this document.

**⚠ CAUTION**

Always wear eye protection when performing service or maintenance to the trailer. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the service.

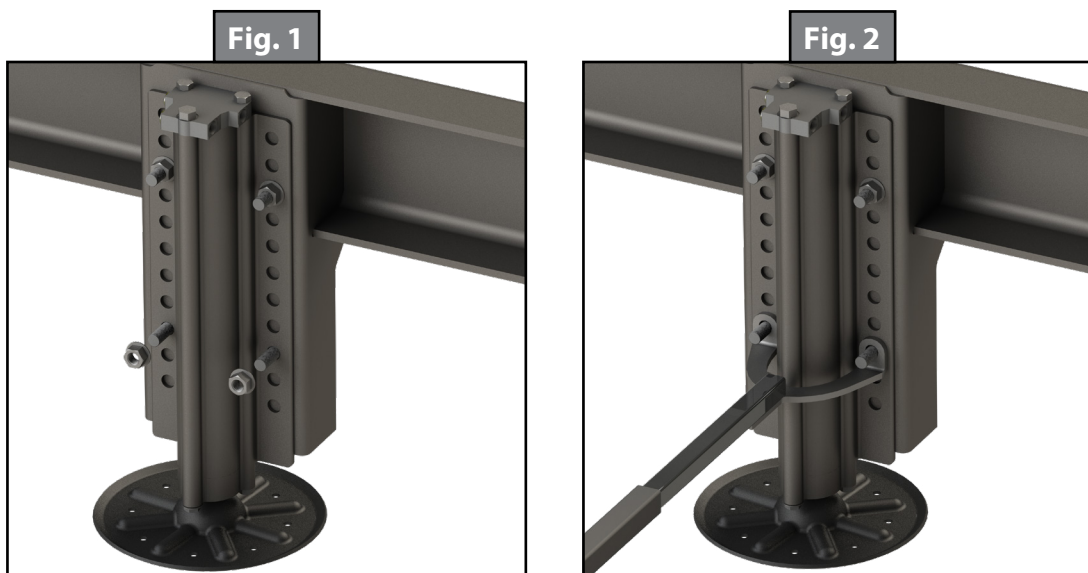
**Resources Required**

- Cordless or electric drill or screw gun
- Appropriate drive bits
- Appropriate drill bits
- Torque wrench
- Wrench to adjust steel jack hoses (If needed)
- Crossmember kit, PN 2021126964; includes three 1/4" - 14 x 1 1/4" self-tapping screws, PN 372691

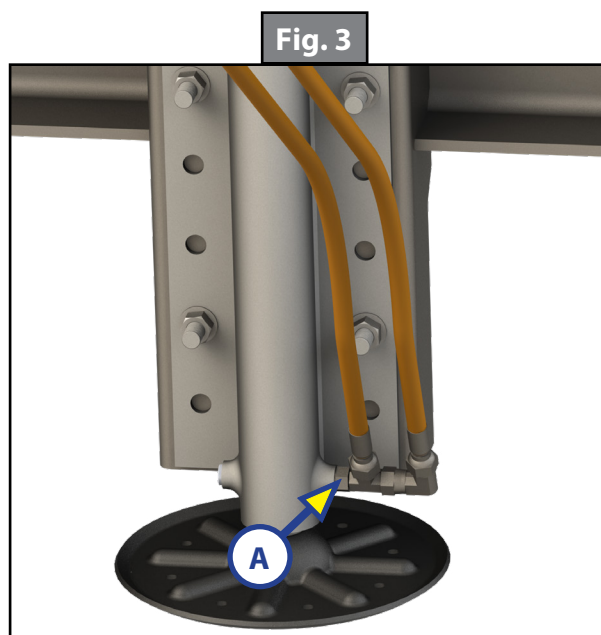
## LEVELING AND STABILIZATION

## Procedure

1. Make sure rear jacks are straight. If jacks are bent, straighten them and verify they are vertical by using a level.
2. Remove the bottom two flange nuts securing the rear jacks to the mounting brackets (Fig. 1).
3. Place one end of the crossmember on the open bolts of one jack (Fig. 2) and spread the telescoping crossmember to span the distance to the other rear jack.
4. Install the other end of the crossmember on the open bolts on the bottom of the other rear jack.



**NOTE:** On steel jacks, a retract hose or hoses may need to be shifted to permit access for the flange nut removal and installation of the crossmember. If this is necessary, release the jam nut securing the hose (Fig. 3A) and swivel the fitting out of the way. Remove the flange nut on the jack. After relocating hose or hoses to allow crossmember to be installed, tighten the hose jam nut so it is snug and then add another one-quarter turn to ensure the hose is secure.



## LEVELING AND STABILIZATION

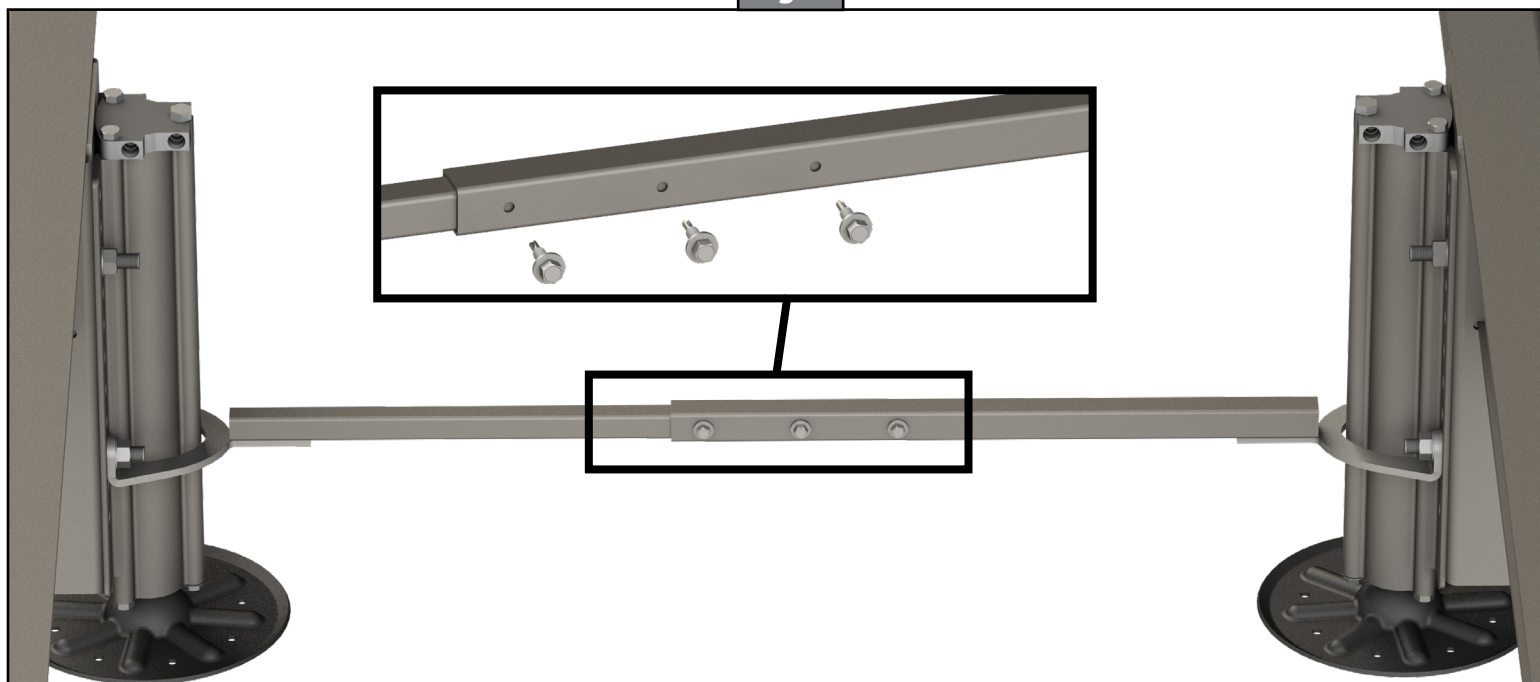
5. Reinstall the four flange nuts on the jack bolts and torque to 90 ft lbs for aluminum jacks (Fig. 4) and 52-64 ft-lbs for steel jacks.

Fig. 4



6. Locate three pre-drilled holes in the center of the crossmember (Fig. 5).
7. Insert self-tapping screws into the pre-drilled holes (Fig. 5) and tighten sufficiently so the screws self tap through the inner section of the crossmember.

Fig. 5



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 432-LIPPERT (432-547-7378) 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 [lippert.com](http://lippert.com) or by downloading the LippertNOW app.