



TORKLIFT

I N T E R N A T I O N A L

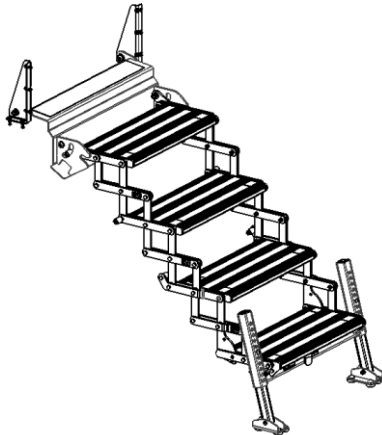
**OVER 40 YEARS OF INNOVATION, QUALITY, SAFETY.
IMPORTANT OWNER-OPERATOR INSTALLATION INSTRUCTIONS**

**GLOWSTEP
REVOLUTION
UP-RISING**

**TORKLIFT
INTERNATIONAL**

Patented

A9003, A9004, A9005, A9103, A9104, A9105



Version Number: 4, Date: 9/11/2019 By: CW
TECH SUPPORT (800) 246-8132

**AFTER INSTALL, PLEASE GIVE
THIS BOOKLET TO YOUR CUSTOMER**

Suspension

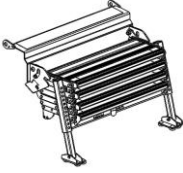



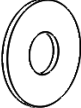







To significantly reduce body roll, sag and sway Torklift strongly recommends the StableLoad. Torklift International StableLoads improve safety, handling, and to help level your truck. More information can be found at (www.Torklift.com/stableload).

If your truck is additionally equipped with suspension air bags Torklift cautions against over pressurization as this may lead to unsafe vehicle handling characteristics. We have found that airbags used in conjunction with StableLoads have allowed operators to lower air bag pressure by 50% or more. Only pressurize suspension air bags enough to level the truck.

Warning: Fire Danger

Some entry doors are equipped with a gas strut or other device limiting the travel of the door. In some cases, these devices are installed to prevent the door from opening against a heat source such as a furnace or hot water heater exhaust. If this is the case on your RV, do not install the GlowStep Revolution Uprising. Installation may result in a fire danger.

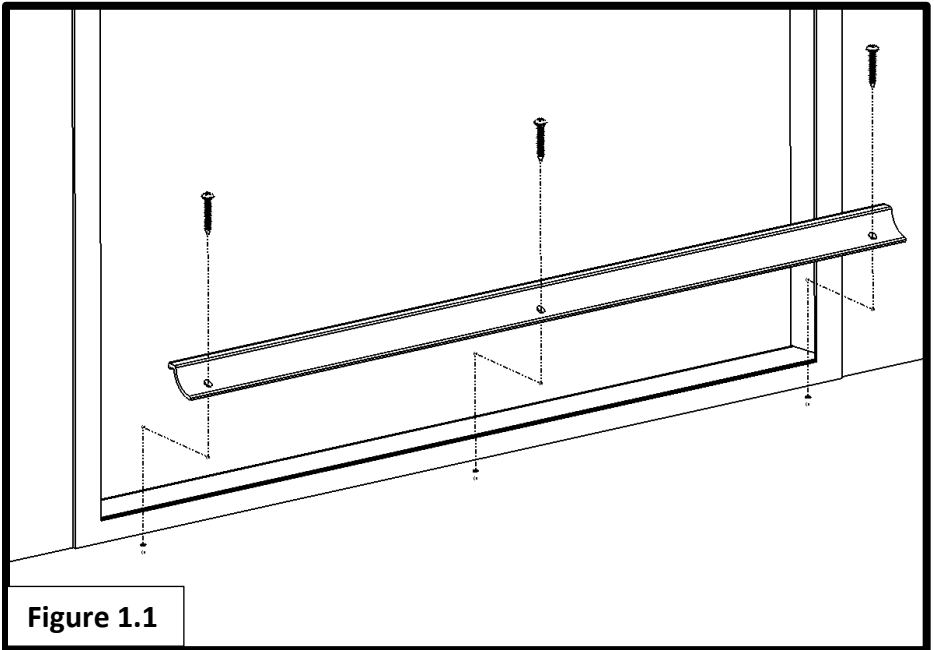
Parts Inventory

| Item Image | Item Description | Item # | QTY |
|---|--|---|-----|
|  | Step Assembly | A9003, A9004, A9005, A9103, A9104, A9105 | 1 |
|  | Left Mounting Bracket | A9003- P2-L | 1 |
|  | Right Mounting Bracket | A9003- P2-R | 1 |
|  | 3/8" SS Flat Washer - SAE | 8949 | 4 |
|  | 3/8" Nylon Flat Washer | 11748 | 4 |
|  | 3/8"-16 x 1-1/4" SS Button Head Cap Screw | 15010 | 2 |
|  | 3/8"-16 SS Nylock Hex Nut | 10564 | 2 |
|  | 1/4"-14 x 1" SS Self Drilling Screw | 11083 | 4 |
|  | 3/8" ID 3/4" OD x 1/2" Nylon Spacer | 11747 | 2 |
|  | #12-24 x 3/4" SS Button Head Screw | 13594 | 6 |
|  | #12-24 - SS Nylock Hex Nut | 13596 | 6 |
|  | #12 SS SAE Flat Washer | 13595 | 6 |

Installation

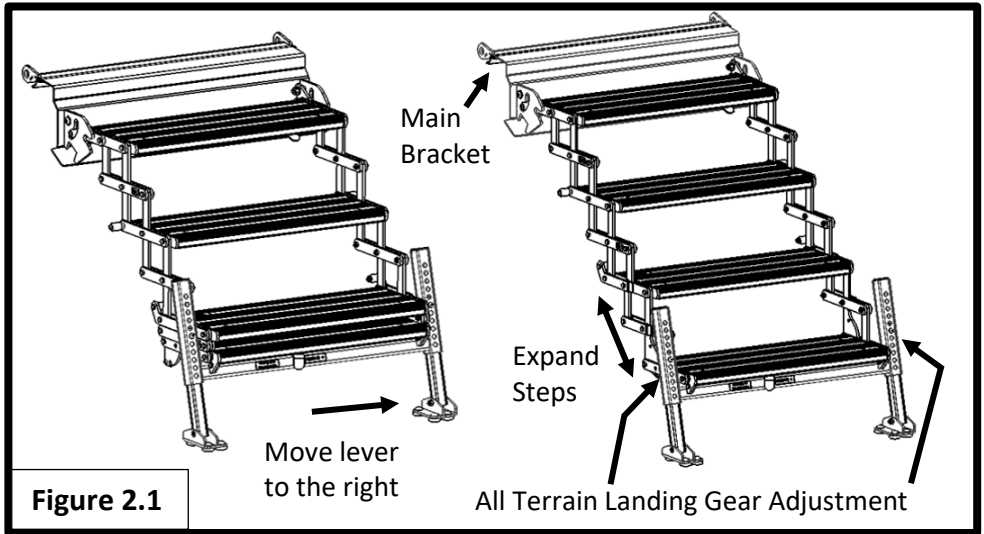
Step 1

- Open the RV door as wide as possible. The door will need to open well passed 90 degrees to be able to install, store, and deploy the step system.
- If the door is equipped with a gas strut limiting its travel, read the fire danger warning at the beginning of this manual. If the warning does not apply to your RV, the gas strut will need to be removed before continuing. Any remaining hardware on the threshold molding will need to be removed.
- If equipped, remove the threshold kick molding just inside the door frame. (See Figure 1.1)



Step 2

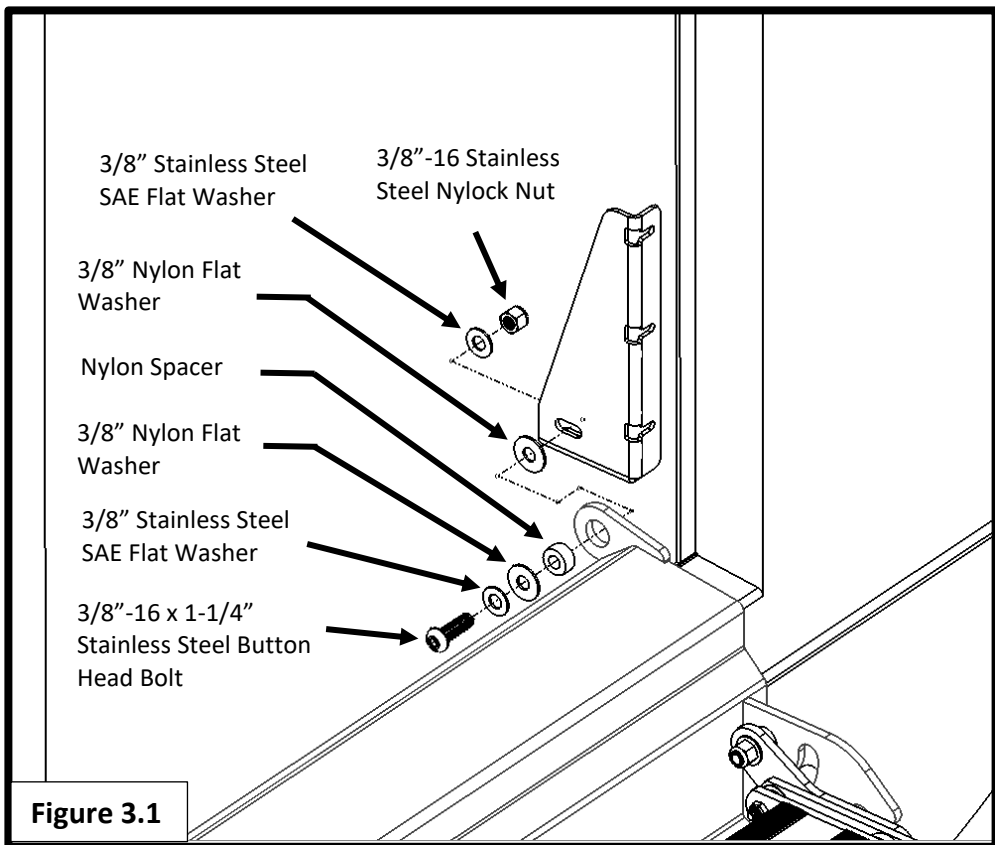
- Remove the GlowStep Revolution Uprising (GSRU) from the packaging.
- Extend the steps to their fully open position. Move the lower step latch lever to the right to unlock the lower step. (See figure 2.1)



- Rest the main bracket inside the door frame. If required, adjust the All-Terrain Landing Gear to allow the main bracket to sit against the floor inside of the threshold molding.

Step 3

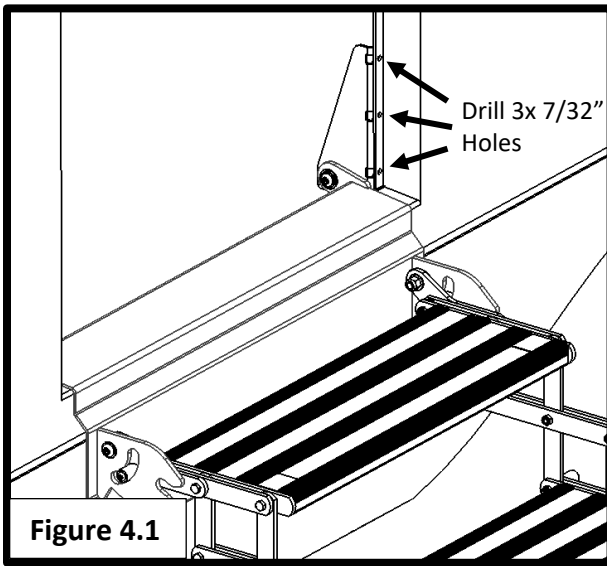
- Install the right-hand side mounting bracket to the main bracket as shown in Figure 3.1. Leave the hardware loose enough to slide in the slotted hole in the mounting bracket.



- Repeat the process for the left-hand side mounting bracket.

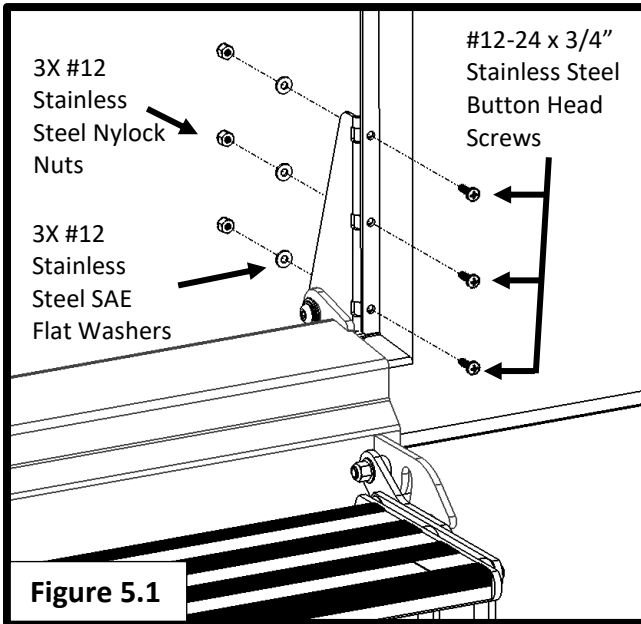
Step 4

- Center the GSRU in the door frame. It is important that it is as centered as possible.
- Slide the GSRU toward the outside until the two mounting brackets touch the inside of the door frame. Make sure the mounting brackets are flush against the floor.
- Using the slots in the mounting brackets as a guide, drill three 7/32" holes through both the left and right door frame flange. (See Figure 4.1.)

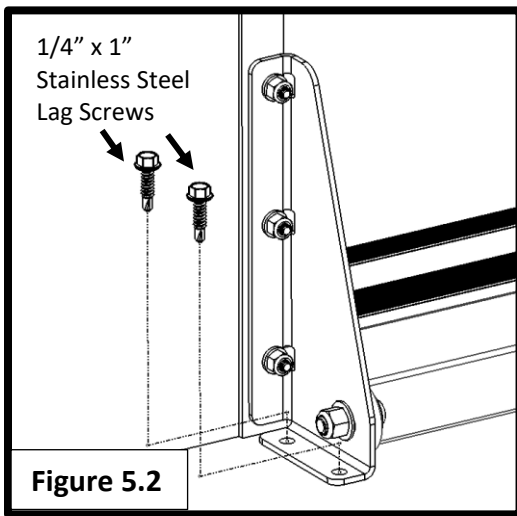


Step 5

- Secure both left and right mounting brackets to the door frame flange using the hardware shown in Figure 5.1.

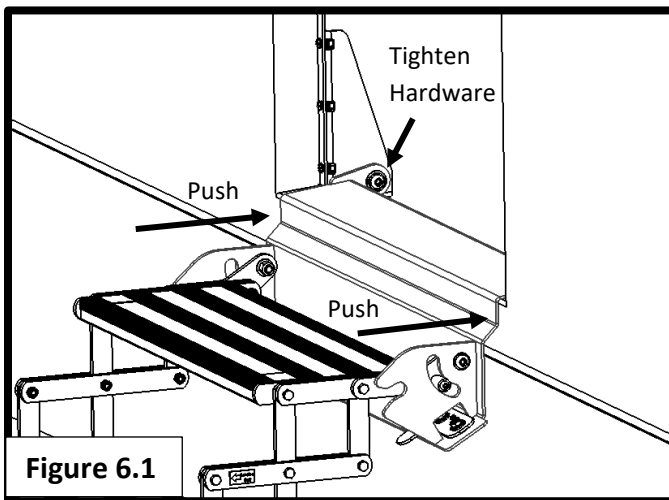


- Install two lag screws through each mounting bracket into the floor. (See Figure 5.2)



Step 6

- Slide the GSRU main bracket in the mounting plate slots towards the inside of the door until the vertical portion of the main bracket contacts the threshold molding. (See figure 6.1)



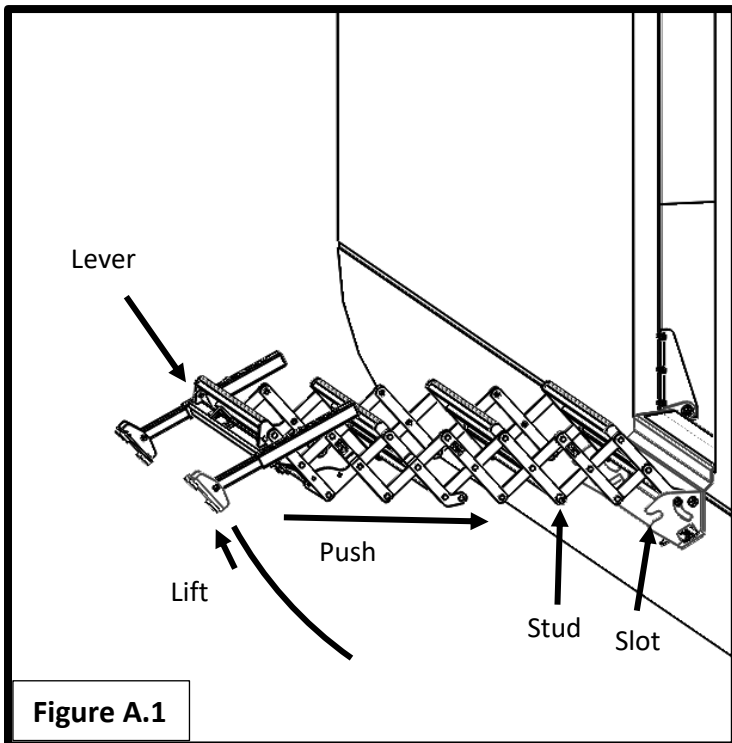
- While holding the main bracket in position, tighten the 3/8" hardware holding the main bracket to each mounting bracket to 25 in-lbs (2.8 Nm)
- Installation is complete.

Operating the Steps

Storing the GlowStep Revolution Uprising:

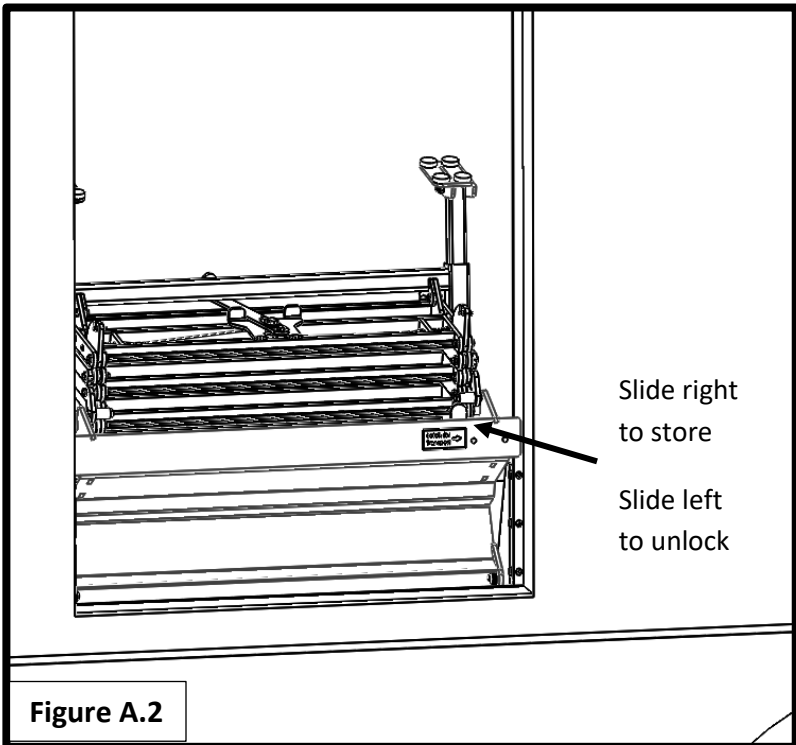
Collapse the steps

- Open the door as far as possible, it will need to be opened well passed 90 degrees.
- Lift up on the bottom step until the Main Bracket begins to rotate up.
- Push the bottom step towards the RV to collapse the steps. The studs on the sides of the steps should engage in the slots on the main bracket. (See Figure A.1)
- If the bottom step is deployed, move the lever to the right, then collapse the step.



Store the steps

- Rotate the collapsed steps up and into the RV.
- Slide the safety latch to the right. The safety latch will keep the steps from rotating back out. (See Figure A.2)
- Close the door.
- **NOTE:** Screen door to door frame flange clearances do vary. In some instances, it may be necessary to modify the screen door frame to allow it to fully close. Please refer to Screen Door Modification section on page 15.



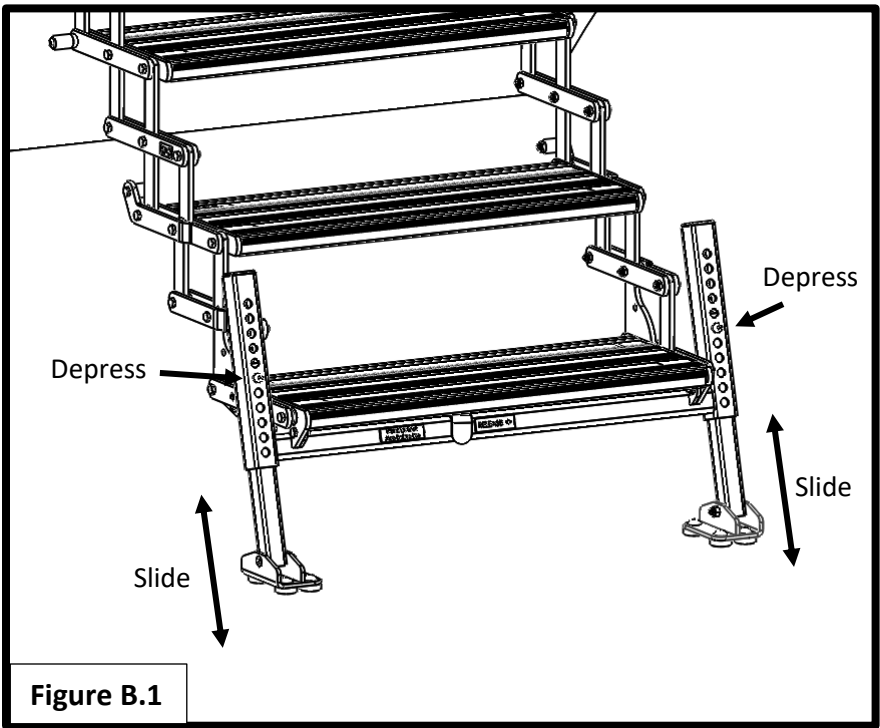
Deploying the GlowStep Revolution Uprising

- Open the door as far as possible, it will need to be opened well passed 90 degrees.
- Slide the safety latch to the left to unlock the steps.
- Rotate the collapsed steps outward. Do not allow the steps to fall freely.
- Pull the bottom step horizontally away from the RV to expand the steps.
- Place the All-Terrain landing gear onto the ground.

Adjusting the GlowStep Revolution Uprising

All Terrain Landing Gear Adjustment

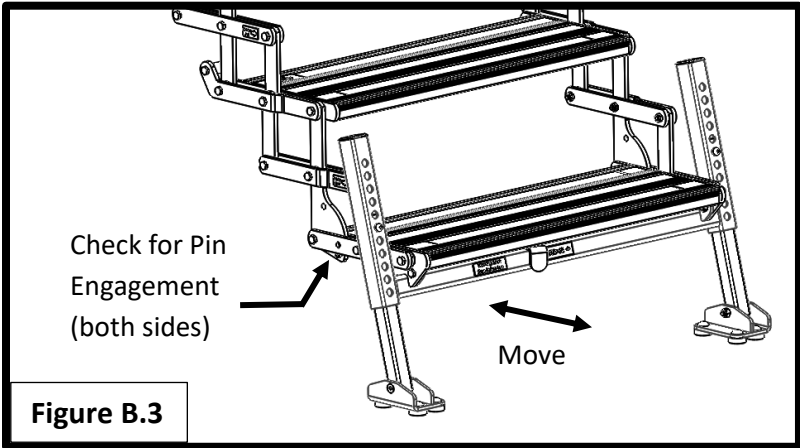
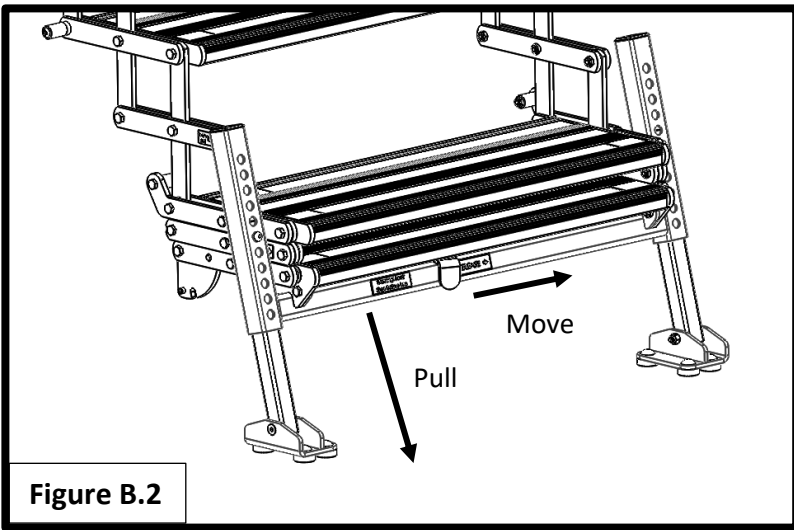
- When the steps are angled up towards the RV:
 - Depress the tubing button and adjust the All-Terrain Landing Gear feet up until the steps are level. See figure B.1. If the bottom step is deployed, it may be necessary to store it for the steps to be leveled.
- When the steps are angled down away from the RV:
 - Depress the tubing button and adjust the All-Terrain Landing Gear feet down until the steps are level. See figure B.1.
 - If the steps are still angled down away from the RV, or the bottom step height is uncomfortably high, deploy the bottom step.



Deploying the Bottom Step

- With the steps extended, move the lower lever to the right (See
- Pull the bottom step down and away from the main step assembly (See Figure B.2)
- Release the lever and expand the bottom step as far as possible.
- Move the step back and forth to make sure both spring loaded pins have locked the bottom step into position. (See Figure B.3)

Warning: Failure to verify the step is locked in position may result in injury.



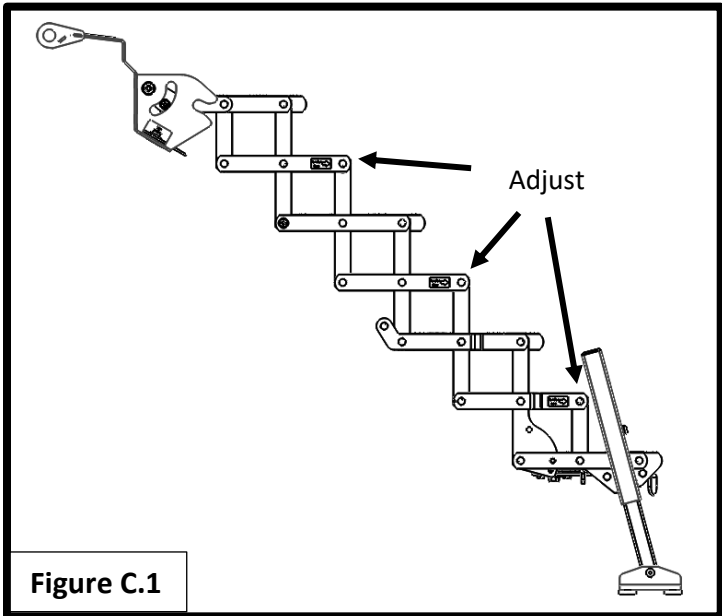
Storing the Bottom Step.

- Move the lower lever to the right
- Push the bottom step in and upwards towards the RV
- Release the lever and continue pushing the step upwards until the spring loaded pins lock the step in the stored position.

Setting the Hinge Tension

The GSRU hinge tension was preset at the factory, however the tension may loosen with use over time. The hinge tension should be set so the steps operate smoothly, but will not expand on their own.

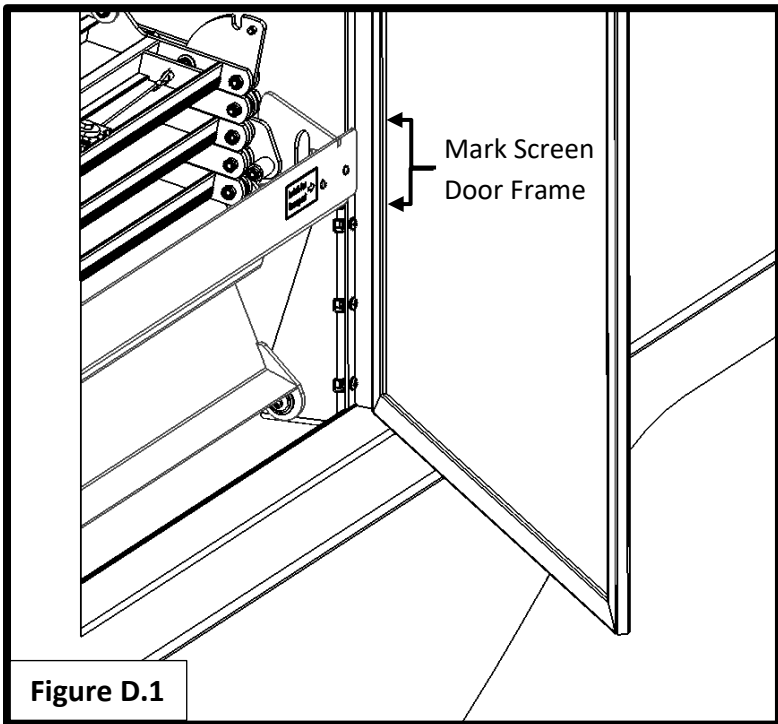
- To adjust the hinge tension, tighten or loosen the bolts indicated in figure C.1 by $1/16^{\text{th}}$ of a turn at a time.



Screen Door Modification

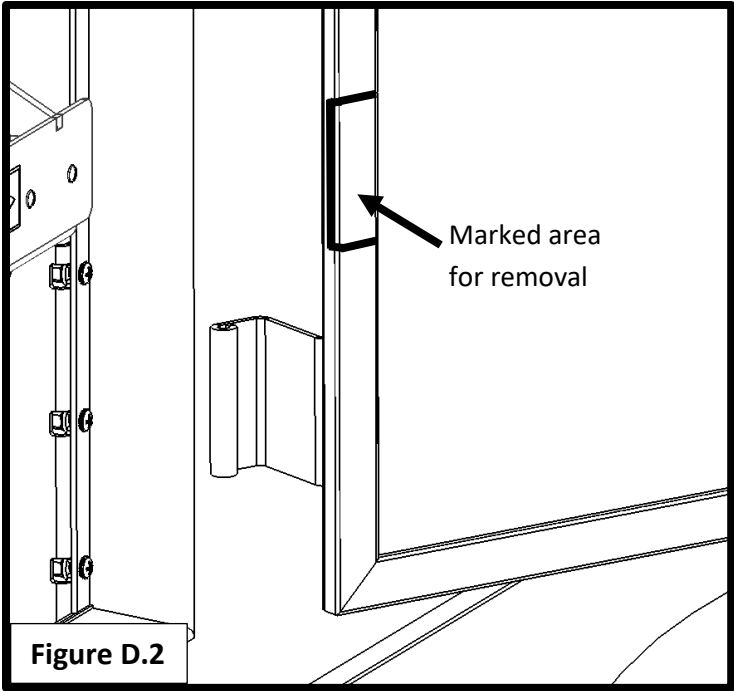
Screen door to door frame flange clearance does vary between trailers. In some instances, it will be necessary to clearance the screen door frame in order for it to fully close.

- To clearance the screen door frame, start by storing the steps as described on page 9 and 10.
- Partially close the screen door.
- On the hinged side of the screen door, mark the screen door frame $1/4''$ above and $1/4''$ below where the GSRU rests against the door frame flange. See Figure D.1.

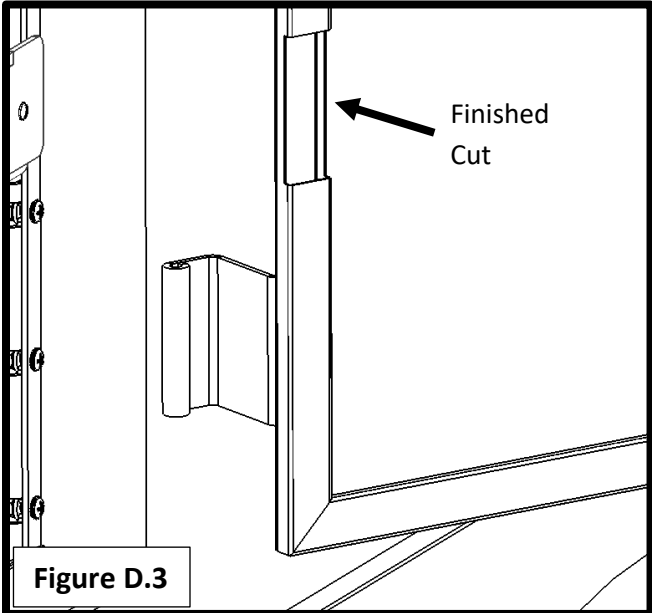


- Fully open the screen door to gain better access to the marked area.

- Extend the marked lines around the corners of the frame $3/16''$, then Connect the lines. See Figure D.2.



- Using a Dremel or similar rotary tool, cut along the marked lines using a cutoff wheel. See figure D.3.



Torklift International Limited Lifetime Warranty Information

322 Railroad Ave North, Kent, WA 98032

Torklift will require proof of purchase to register, with pictures of any defective product before issuing a replacement. Torklift will not register any product without proof of purchase, which can be faxed, scanned, emailed, or mailed to the information provided below. Torklift warrants its hitches, custom hitch receivers, frame mounted tie downs, turnbuckles, and accessories (excluding wire harnesses which carry a 90 day warranty) from date of purchase against defects in material and workmanship under normal use and service for the ownership life of the original consumer purchaser. All plastic, rubber, and/ or electrical components maintain a warranty of up to one year from the date of the purchase. **ALL COMMERCIAL APPLICATIONS ARE WARRANTED FOR A PERIOD OF 90 DAYS FROM THE DATE OF INSTALLATION/SERVICE.** Torklift will replace **FREE OF CHARGE** any part which proves defective in material or workmanship when presented to Torklift, **TRANSPORTATION CHARGES PREPAID** by purchaser, at the address above. **THIS WARRANTY IS LIMITED TO DEFECTIVE PARTS REPLACEMENT ONLY. LABOR CHARGES AND/OR DAMAGE INCURRED IN INSTALLATION OR REPLACEMENT, AS WELL AS INCIDENTAL AND CONSEQUENTIAL DAMAGES CONNECTED THEREWITH ARE EXCLUDED.** This warranty does not include the finish or paint on our products. Rusting, cracking or peeling of the finish is also excluded. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Any damage to Torklift products as a result of misuse, abuse, neglect, accident, improper installation or any use violation of instructions furnished by Torklift or **WHEN USED IN ANY COMMERCIAL APPLICATION WILL VOID THE WARRANTY.** This warranty gives you specific legal rights, and you may also have rights which vary from state to state. With warranty service, you may be able to go to a small claims court, a state court or a federal district court.



INTERNATIONAL

322 Railroad Ave North, Kent, WA 98032

Phone (800) 246-8132 Fax (253) 854-8003

Or visit our website: www.TorkLift.com

Dear Valued Customer,

Thank you for making TorkLift your choice for truck, camper packages and accessories for your vehicle. By choosing TorkLift products, you have chosen a company that has been serving the RV industry for nearly 40 years and whose name has become synonymous with strength, quality and advanced design and installation.

Please take a few moments of your time to complete the Product Registration Warranty Card on the next page. When registering your newly purchased TorkLift products, you can be assured that your contact information is secure and that you and your product are getting the attention and respect that you deserve.

Thank you again for choosing TorkLift quality products.

Register for your lifetime warranty and receive a free Torklift International gift.

To Fax: Send copies of the questionnaire, warranty card and receipt to
253-854-8003

To E-mail: Send copies of the questionnaire, warranty card and receipt to
warranty@torklift.com

To Mail: Send to Torklift International 322 Railroad Ave North, Kent, WA 98032



OFFICIAL WARRANTY REGISTRATION CARD

322 Railroad Ave North, Kent, Wa 98032

Please fill out this form completely and return to Torklift within 30 days of purchase accompanied by a copy of your original receipt

1. PART(S) PURCHASED

TODAY'S DATE: _____

PART#: _____ PART#: _____

PART#: _____ PART#: _____

PART#: _____ PART#: _____

2. PURCHASER INFORMATION

NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP / POSTAL CODE: _____

PHONE: (____) _____ - _____ EMAIL: _____

3. TRUCK INFORMATION

YEAR: _____ MAKE: _____

MODEL: _____ BED LENGTH: _____

4. CAMPER INFORMATION

YEAR: _____ MAKE: _____ MODEL: _____

5. DEALER INFORMATION

PURCHASED FROM: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP / POSTAL: _____

INSTALLED BY: _____ OWNER ABOVE DEALER ANOTHER DEALER

IF ANOTHER DEALER, WHO: _____