

USER MANUAL

★ SST  
SUPER SLING TRAILER

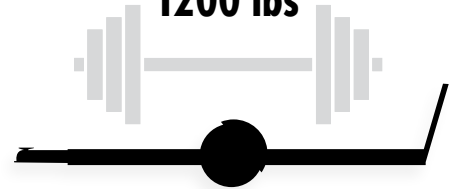


## CAUTION!

Before unpacking read and understand this entire manual, taking all necessary precautions, as this trailer weights approximately 1,200 lbs. Pay close attention to the **Pinch Points** during unpacking, unfolding and folding. Failure to follow these safety measures can result in serious injury. Ensure your work area is clear and free of debris or obstacles.

Approximate Trailer Weight

**1200 lbs**



**Follow the steps as shown in this User Manual to ensure your trailer experience is a smooth easy task.**

**List of tools required for this operation:**

- ✓ 2 Lumber posts 4 x 4 x 40 inches long
- ✓ 1 Cable Support Post
- ✓ 1 Mini Winch
- ✓ Hand Drill 3/8" or bigger (cordless preferred)

**Please note that folding and unfolding this trailer is a three-person task working in unison.**

It is strongly recommended to have at least three people involved, especially for the first few attempts, until you become familiar with the process and learn some basic streamline techniques.

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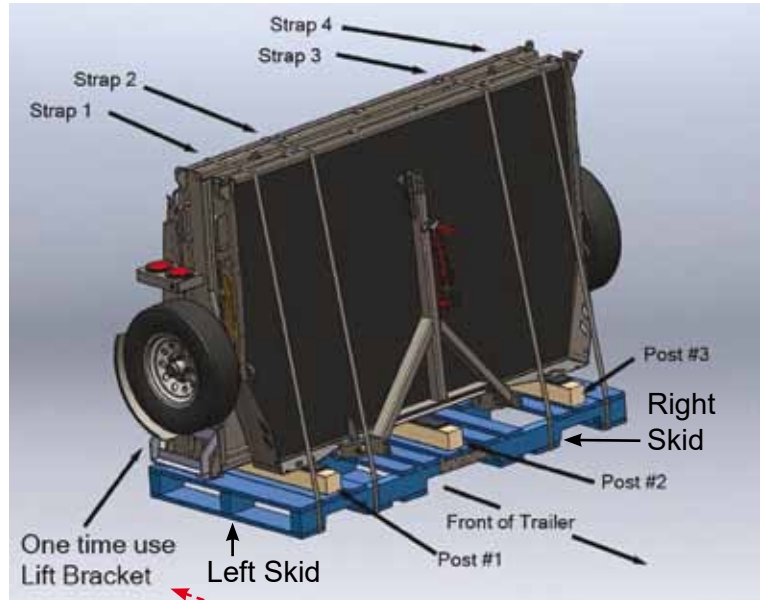
## Unpacking Your New SST Trailer For The First Time

### Tools Required Before You Start

- ✓ Basic Standard Car Jack
- ✓ Tin Snips

When your Trailer arrives, be sure to check for any damage that may have occurred during transportation, before you proceed to sign off on it. Check the "warning labels" on the trailer for more details.

Upon arrival of the trailer, ensure everything has been checked for damage and note, do not cut the straps at this time, while unwrapping, proceed to unwrap the complete trailer. Put aside all the parts that come wrapped up inside of it, example the caster bars, lift arm, winch and so on.



## Unpacking Steps To Follow

### 1. Check the Trailer Position

Ensure that the folded trailer is standing upright and not leaning to one side.

### 2. Cutting Straps

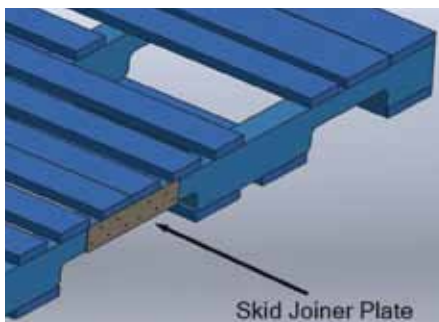
Using a pair of tin snips, cut ONLY straps #1, #2, and #4 (refer to the image above).

Do NOT cut strap #3 at this time. Move the cut straps out of the way.

**Note:** If any strap has snapped during transportation, ensure that one strap remains attached to the opposite end of where you are working.

### 3. Remove the Skid Joiner Plates

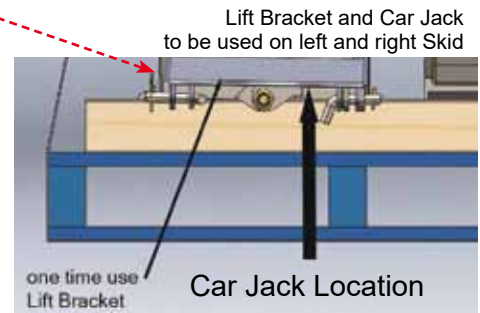
Using the provided Robertson driver and your drill, unscrew the two plates located at the skid side mid-point holding the skids together. Discard the plates, they are no longer needed.



### 4. Positioning the Car Jack

Place the conventional car jack under the "One-Time Use Lift Bracket" as shown here. Ensure the jack is straight and aligned with the location indicated by the arrow in the picture. You are now ready to apply tension.

**Note:** Strap #3 should still be in place.



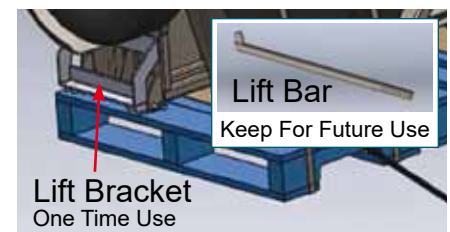
### 5. Lifting the Trailer And Removing Posts

Begin lifting the trailer with the jack until Post #1 and #2 are free with 1/4" clearance.

**Slide Post:** #1 out from under the trailer and keep it nearby.

**Slide Post:** #2 out and set it aside.

Before View - Lift Bracket & Bar



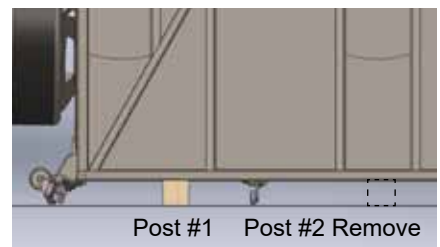
### 6. Sliding Out the Skid

Carefully slide the Left Skid from under the trailer, ensuring that you avoid hitting the jack supporting the trailer.

### 7. Repositioning Post #1

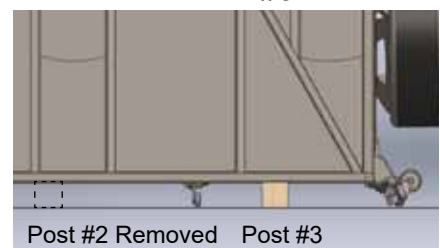
Once the Left Skid is removed, slide Post #1 back into place, about 6 inches in from the clearance light, in order not to damage the light. Slowly lower the jack until the trailer rests on the post.

After View - Post #1



**8.** It is now safe to cut strap #3 and repeat procedures 4 to 7 to remove Right Skid and Post #3 into position and lower trailer to rest on the post.

After View - Post #3



## Unfolding Your SST Trailer

Once the trailer is standing folded, resting on the 2 posts, proceed to unfold the trailer at this time and follow these instructions.

1. Loosen up the orange strap that wraps around the trailer, (do not unhook it just yet) and give it some slack, proceed to slide the front panel forward, about 20-24 inches.
2. With the strap still in place, loosen it some more and slide the front panel forward another 20-24 inches, and now proceed to install the supplied mini winch.
3. Hook the body portion into the orange soft strap secured to the center tailgate portion of the rear panel, and hook the cable end into the eye loop located at the front part of the middle panel.
4. Once both winch hooks are secured to the proper mounting points, now you can remove the strap that's wrapped around the trailer.
5. At this point, lower the rear panel to about 2 feet from the ground, and then proceed to slide the front panel forward, which in turn will raise the rear panel again. Using this method allows you to winch the rear panel as a counter weight, as you lower the front.
6. Before you lower the tail frame any more, you will need to set the Support Post in place, which will give the cable leverage as it lowers fully. Place the Support Post in the back/center of the main middle panel, as you continue to lower the tail frame. (see image page 7)
7. Once the tail frame and the front panel are fully lowered and extended, you may remove the Winch, and Support Post and continue to putting the 4 Lock Pins in place.
8. Remove the posts from under the trailer
9. Once all 4 Lock Pins are in place, properly secured with the R clips, at this point the trailer is fully extended and ready to proceed to the tailgates and tongue.



To fold the SST, follow the steps outlined below:

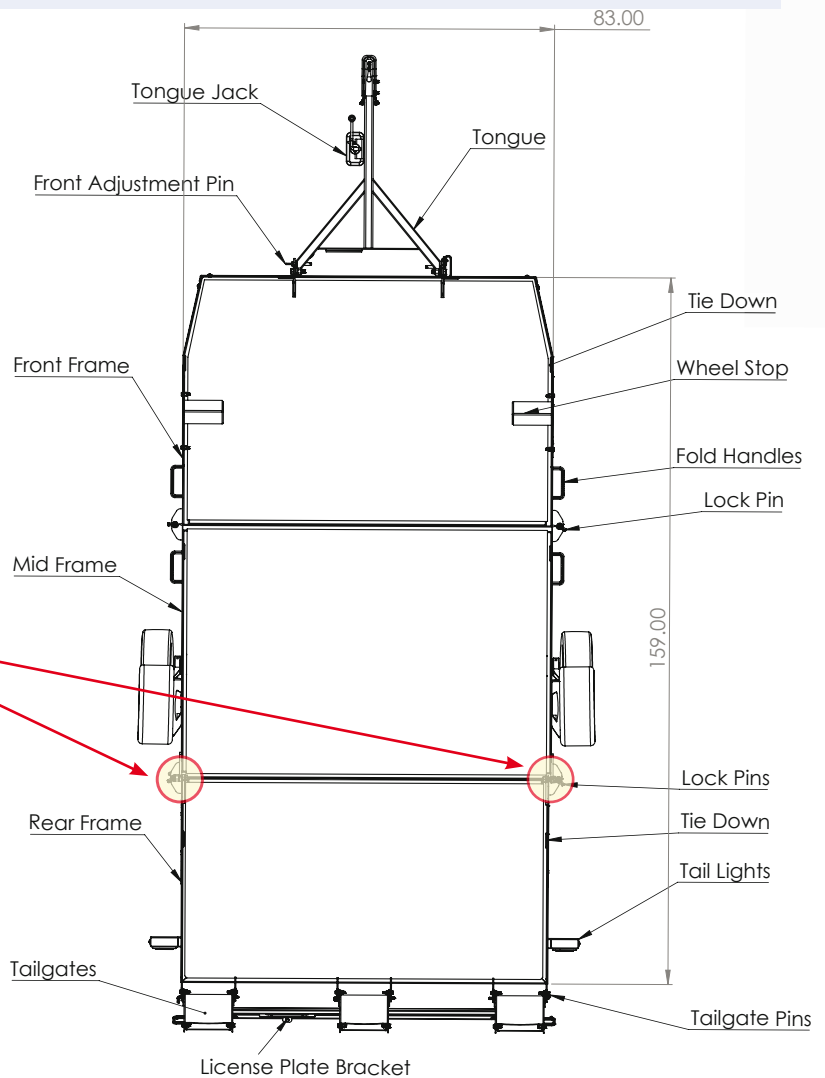
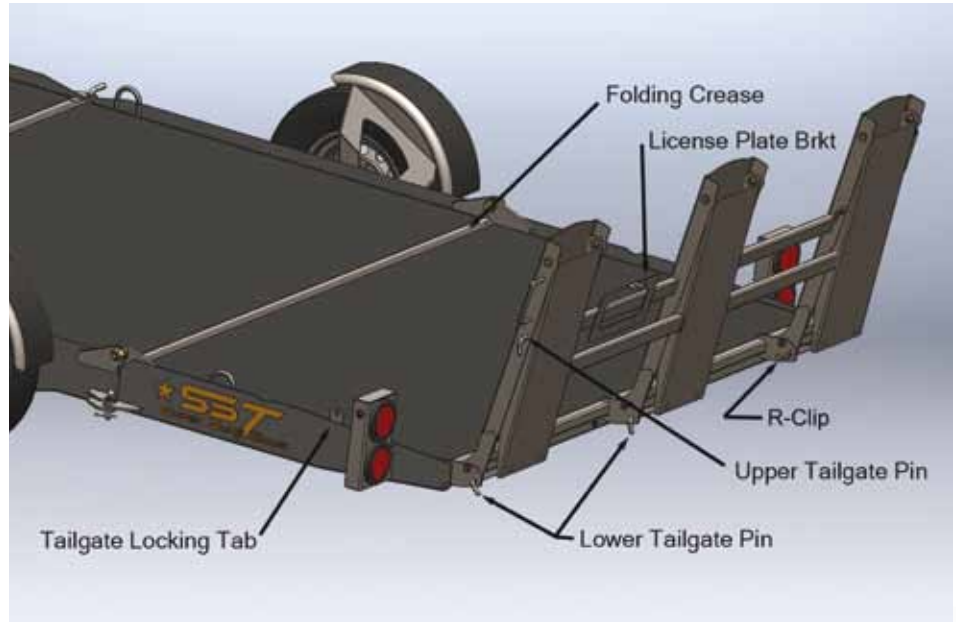
1. Remove all the tailgate pins (upper and lower) and fold the tailgate assembly forward, (see picture shown on Right).

2. Once the tailgate pins are removed and the tailgates are folded down, reinsert only the lower pins into the tailgate tabs and secure them with the proper R-Clips. Keep the two upper tailgate pins aside, as you'll need them shortly.

3. Next, lock the Tailgates into place by inserting the two upper pins through the Tailgate Locking Tab and into the tailgates to secure them as you fold the rest of the trailer up.

4. Once the upper pins are properly inserted, secure them with R-Clips to prevent them from falling out. With the tailgates secured in the folded position, remove the two rear lock pins (See diagram), one from each side of the folding crease, and set them aside for later use.

**Note:** To unfold simply reverse these instructions



Refer to the diagram below.

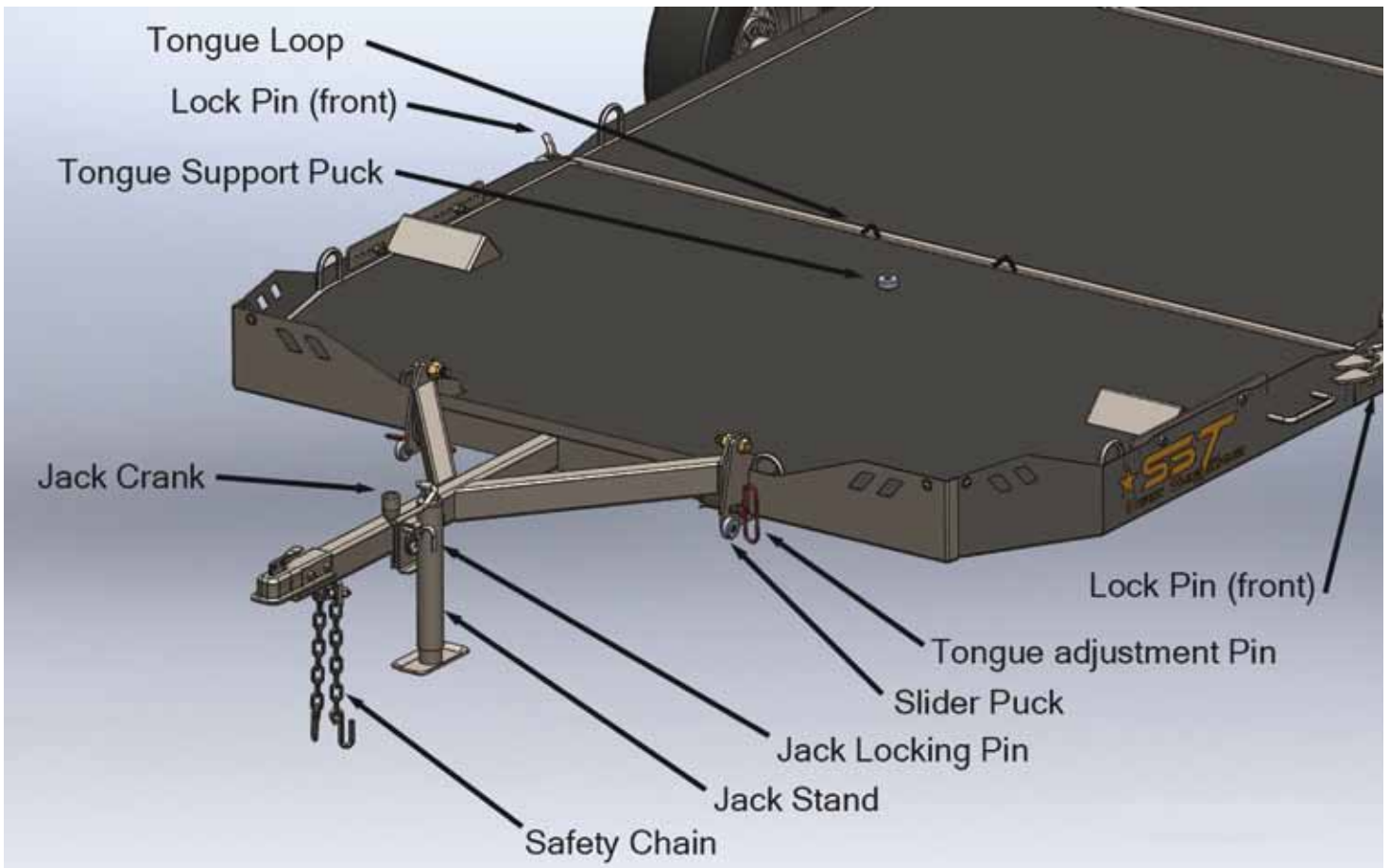
At this point, remove both front adjustment pins, fold the jack stand forward/up, and secure the safety chains by wrapping them around the tongue. Flip the tongue back until it rests on the nylon support puck in the center of the front panel floor. Finally, secure the tongue using the supplied bungee cords at the tongue loops.

CAUTION!

Approximate Trailer Weight

**1200 lbs**

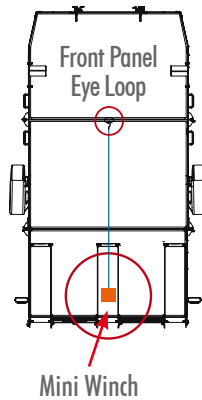




## Position Mini Winch To Begin The Folding Process

**Step 1** Unlock the winch cable by pulling the winch knob on the side and turning it clockwise, as instructed in the winch manual. Extend the cable by pulling it out approximately 10 feet, enough to reach from the back of the trailer where the winch is located to the front panel Eye Loop.

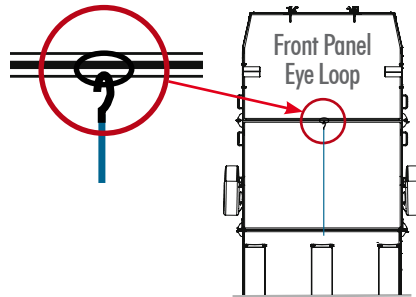
Aerial View



Winch to be placed at back of trailer.



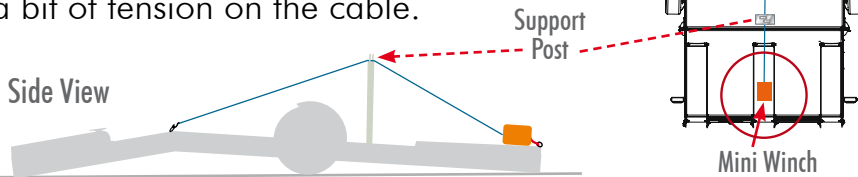
**Step 2** With the mini winch cable extended, hook it into the eye loop at the front middle panel.



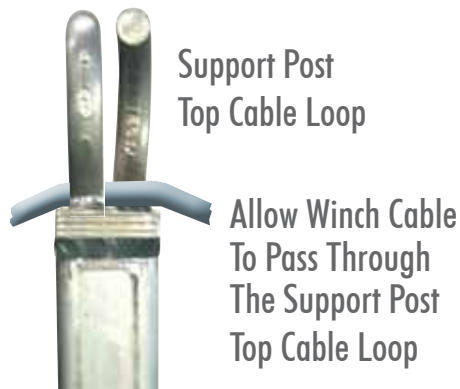
Winch cable attachment.



**Step 3** Place the Support Post at the back middle of the center panel, extend winch cable through the Support Post top loop as seen in photo and illustrated here, allow for a bit of tension on the cable.

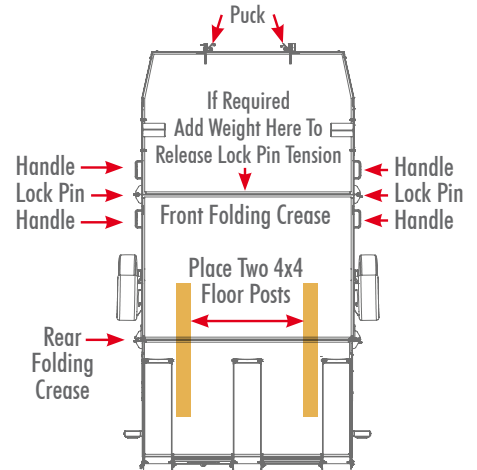


Extend winch cable approximately 10 feet.



**Step 4** Place both 4x4 posts under the rear folding crease, about a foot away from the wheel (For placement see diagram), and then remove the Front Lock Pins.

Front Lock Pins may experience some tension and be difficult to release. Should you experience this, simply add some weight on the trailer front crease. Example: Have someone stand on the front crease, (watch for the pinch points) while removing the Lock Pins from each side. At this point, the tail section can rest on the ground/floor, and the hinged front section will rest on the two nylon pucks bolted to the front tongue brackets.



## Step 5 - Folding The Super Sling Trailer

It is recommended to have two to three people when first learning the techniques to folding and unfolding the trailer. Two people will stand at each side of trailer's front folding crease. A third person with a hand drill will start to apply more tension to the winching cable in an effort to bring the trailer panels together.

Hand drill winching cable to bring panels together.



As person 1 begins to lift the tail section with Winch, and person 2 and 3 assist with the lifting and bringing the front panel in, during this procedure use the weight of the rear panel as counter weight, to make the raising of the front folding crease easier (panel 1 and 2) Should be required, as the lifting process takes place, push down on the rear panel to also assist in the lifting/folding of the front panels.

Removal of the Support Post.



**Note**, as person 2 and 3 are lifting, and person 1 winches the tail section up, person 1 is to keep pushing down on the tail section in order to assist the raising of the mid and front panels. Beware of pinch points

Ratchet strap around trailer panels.

Once the 3 panels have folded enough to free the center Support Post, remove it and set it aside. Continue to winch the panels together until they fold to the point where the winch runs out of cable. Now take the ratchet strap, and hook it into one side of the front panel (about midway) going all around the 3 panels and hook it into the other side front panel.



**Step 6** Once you have the ratchet strap in place and have started to tighten the panels together, at this point remove the winch and set it aside. Keep tightening the strap and pull the panels tightly together till they stand upright as shown here.



## Installing the Caster Bars and Preparing the Trailer For Storage:

### 1. Install the Caster Bar

Following the Folding Instructions manual, place and install the RH Caster Bar as shown in the image above

Ensure the caster bar is secured and locked in the correct position.

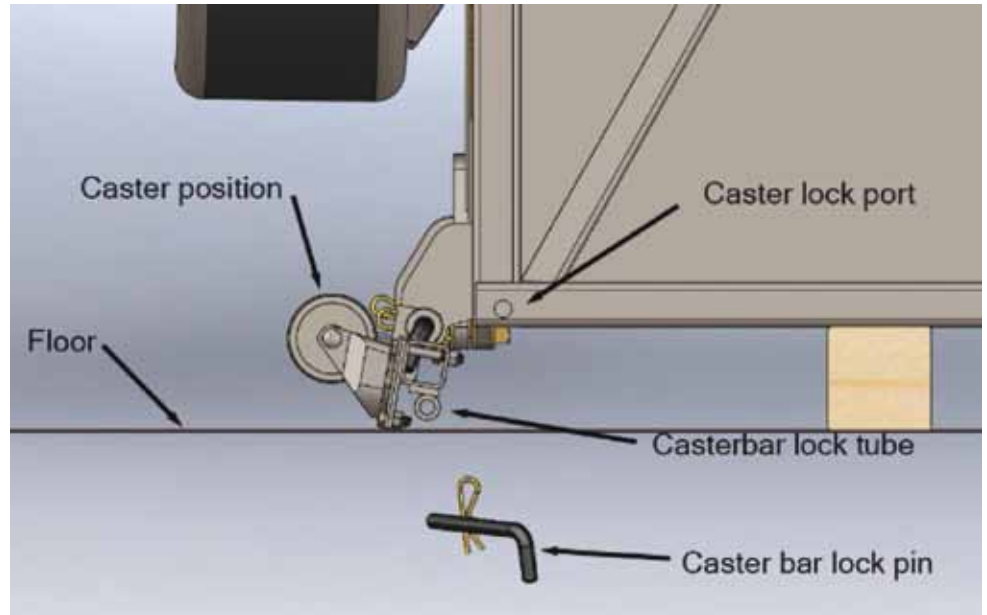
### 2. Repeat for the Opposite End

At the other end of the trailer, use the "One-Time Use Lift Bracket" to lift the trailer. Once lifted, cut Strap #4, slide Post #3 out, and keep it nearby.

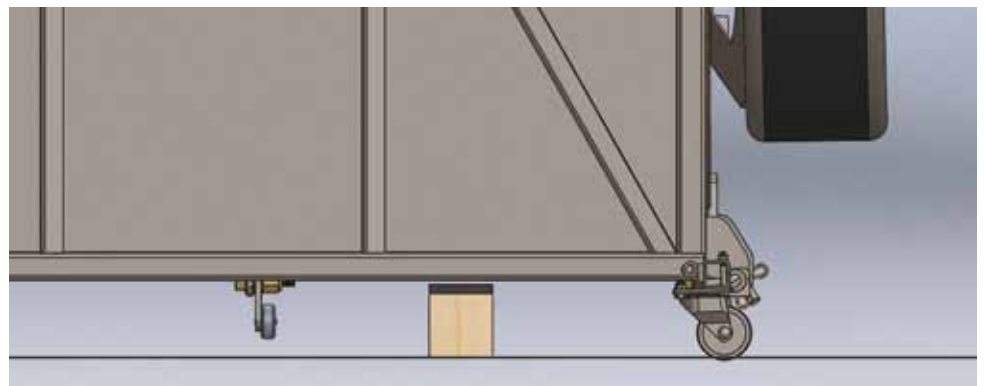
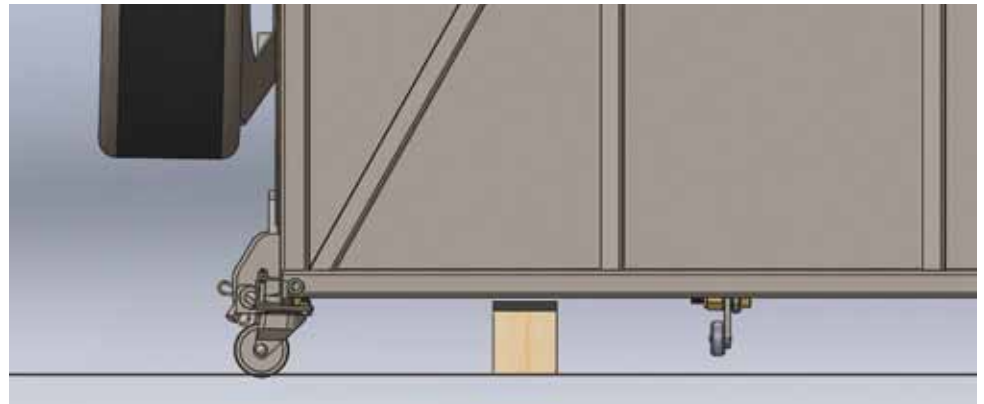
### 3. Install the Left-Hand (LH) Caster Bar

Repeat the process by installing the LH Caster Bar.

### Before



### After



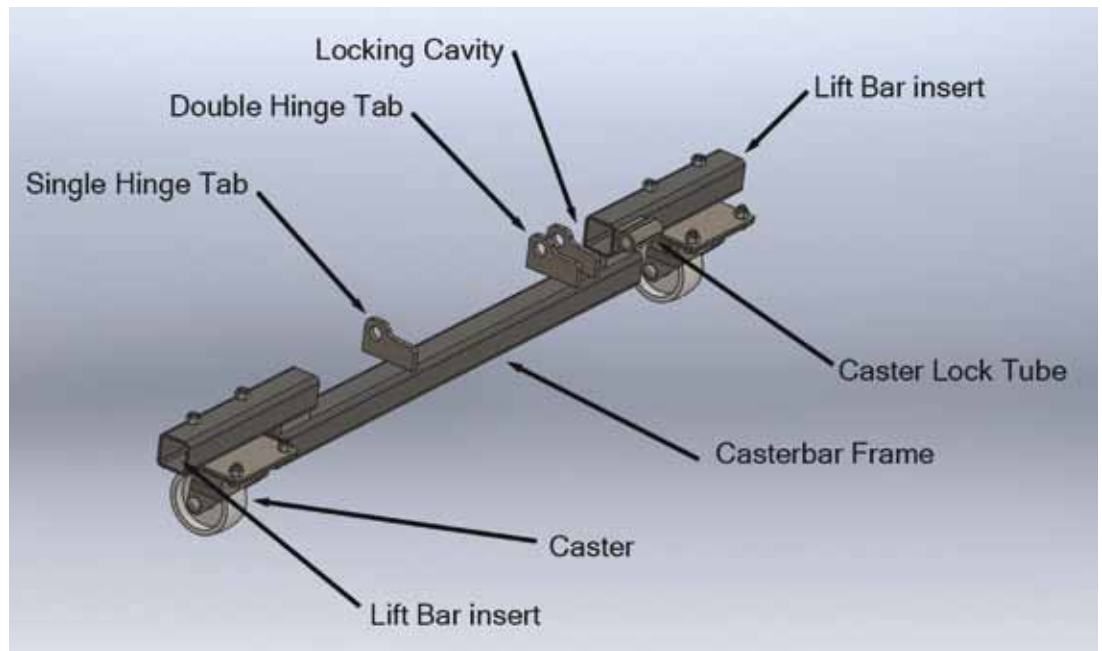
## Caster Bars Optional Last Step

With the trailer folded and resting on the two posts, you can now attach the caster bars. Caster bars are optional and are only necessary if you need to fold the trailer for storage. If you purchased them, refer to the caster bar diagram above.

Each caster bar is designed to fit a specific end or side of the trailer when it's folded and resting on the 4x4 posts. The single hinge tab on the trailer fits between the double hinge tabs of the caster bar, and vice versa. Once you've matched the correct caster bar to the appropriate side, use the four lock pins from the trailer to secure the caster bar in place. To confirm proper alignment, ensure the caster lock tube is facing the floor

when the tabs are correctly positioned. After both caster bars are securely in place, insert the short angled extension of the lift bar into either end of the caster bar. Rotate the lift bar, cranking the caster bar underneath the trailer, which will lift the trailer off the 4x4 posts and onto the casters. Once the caster bars are fully rotated under the trailer, insert the caster bar lock pin through the caster lock tube and into the hole on the trailer (as shown in the diagram). This will prevent the caster bar from flipping back and dropping the trailer during movement.

Ensure both caster bars are firmly locked in place before rolling the trailer to its storage or resting location.



## Trailer Features

- All steel construction for strength
- Powder coated for long lasting finish
- Torsion suspension with 3500 lbs capacity
- Low profile design for superb handling
- Texture powder coated floor for extra safety
- Dual stacked tail lights, for extra visibility and safety
- Multiple tie down points, to secure your precious cargo
- Foldable tailgate turning into ramps, for effortless loading
- Winch unfolding and fold-up mechanism
- Caster Dolly Systems for easy folded trailer portability
- Turn your monster 83 x 159 platform trailer, into a 102 x 40 inch compact storage area



## TRAILER SPECIFICATIONS

- Weight is 1200 lbs
- 3500 lbs axles, GVWR
- 13 inch radial tires, torsion suspension
- 6 tiedown points for securement of your Slingshot
- All LED lights, tail lights are dual, stacked for better visibility
- When tilted for loading, bed and tailgates are all perfectly inline
- Trailer deck size is 83" inches wide by 159" inches long
- Tailgates unfolded extend to a length of 56" inches
- Foldable, stores into a package of 102" wide, by 38" deep and 66" high
- Tongue Jack, also used for the easy tilt mode for super low belly vehicles



## Additional Addons To Consider

<b>Strap Kit</b>	\$249.00
<b>Spare Tire Mag</b>	\$349.00
<b>Spare Tire Plain</b>	\$249.00

