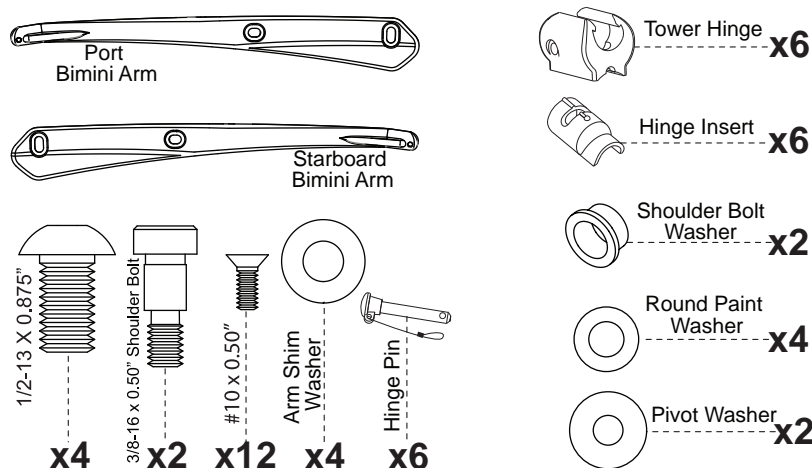
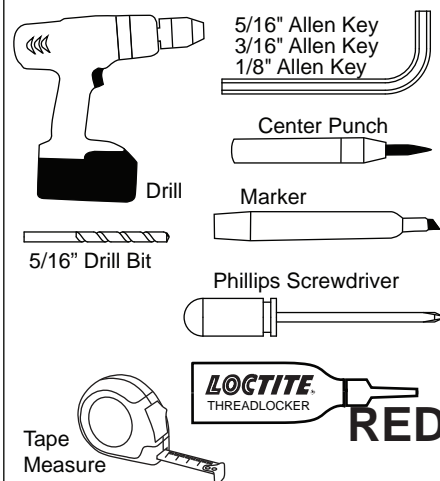


Contents of Bimini Box



Bimini Frame,
Canvas, and
Boot

Tools Required

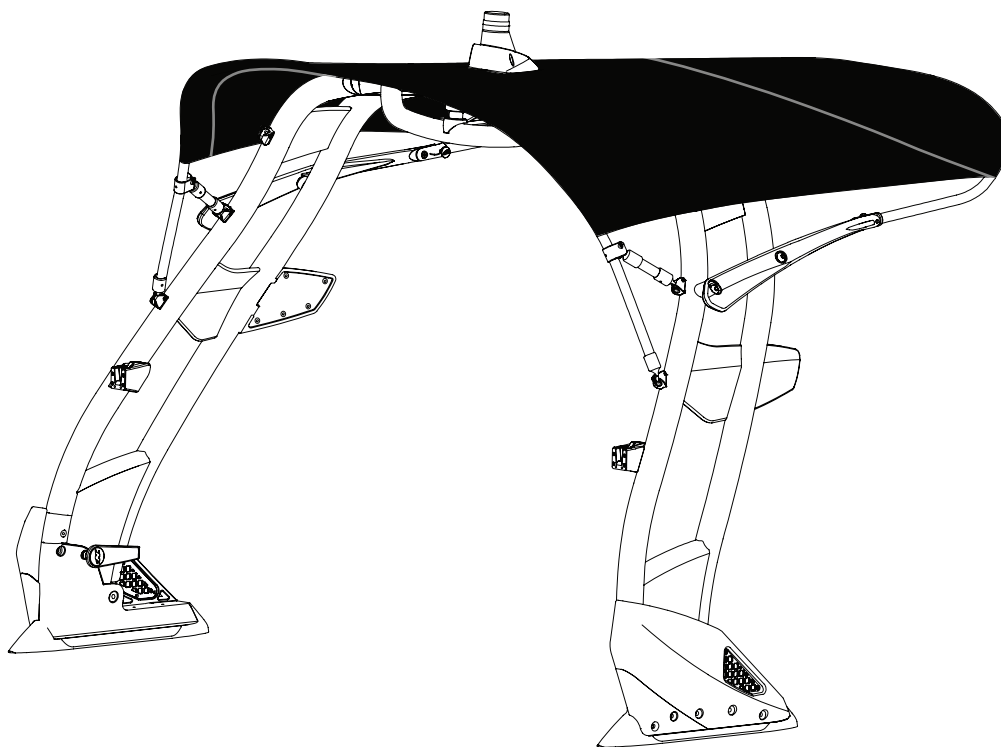


Towers and tower accessories require regular maintenance. Tower hardware and retaining bolts can become loose with normal operation; it is owner's responsibility to ensure all hardware is kept tight and secure. Corrosion and/or oxidation on coated surfaces as well as on all hardware are specifically excluded from warranty as their care, maintenance, and environments of use cannot be controlled by Roswell Wake Air. Damage due to misuse or improper care is also excluded from warranty. For full warranty details please contact your local dealer.

Roswell recommends 2 people for installation of the bimini.

Important

Read & follow these installation instructions carefully. Failure to do so may result in an improper bimini installation. Damage to parts due to improper bimini installation is not covered under warranty.



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Information: info@roswellwakeair.com

Warranty: warranty@roswellwakeair.com

If you have any questions please call : 1-855-962-WAKE(9253)

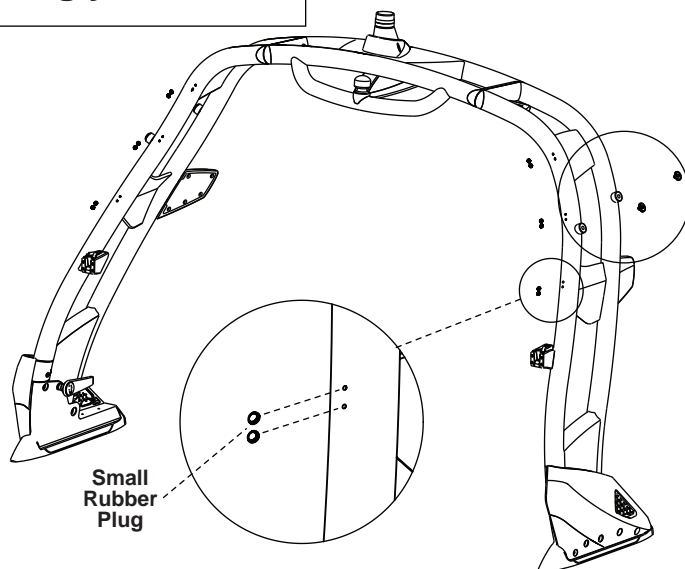


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A Preparing your tower

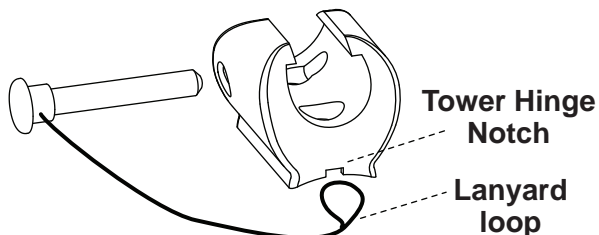


Bimini
mount

Big
Rubber
Plug

Remove the 4 big rubber plugs from the bimini mounts on your tower. Remove the 12 small rubber plugs on the rear tube of your tower. These are all press fit into the tower and do not require any tools to remove.

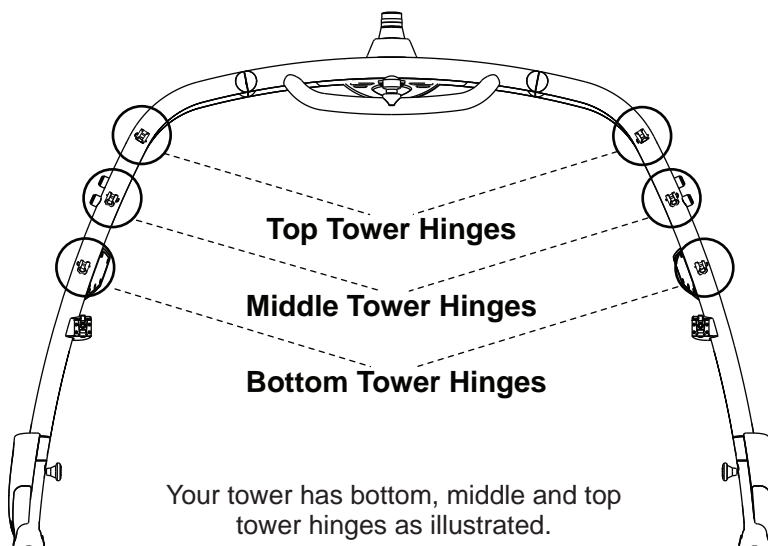
B Installing Tower Hinges



Tower Hinge
Notch

Lanyard
loop

Before final mounting of a tower hinge, it's important to ensure that the lanyard loop of the Hinge Pin is located under the hole on the notched side of the Tower Hinge. The screw needs to go through the tower hinge, lanyard loop and into the tower.



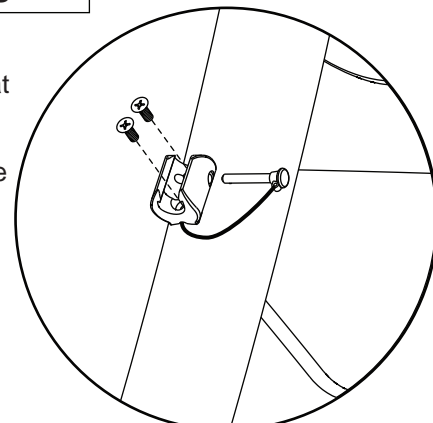
Your tower has bottom, middle and top tower hinges as illustrated.

C Installing Bottom & Middle Tower Hinges

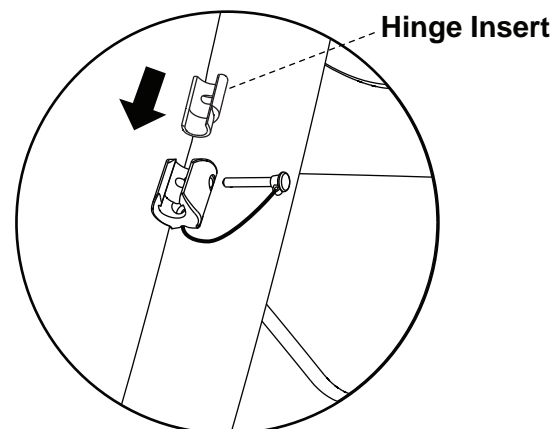


Mount your bottom and middle tower hinges so that the hinge pin holes are on the higher side. Apply a small amount of red Loctite to each of the screws provided. Secure the hinges to the tower.

Make sure the hinge pin lanyard loop is under the bottom hinge hole.



Warning :
Wipe off any excess loctite from the painted tower surface. Loctite will damage the paint finish.




Once both screws have secured the Tower Hinge to the tower and the lanyard has been properly installed, slide the black Hinge Insert into the Tower Hinge to cover the screw heads.




D


Installing top tower hinges




x2




x2




x2



x4



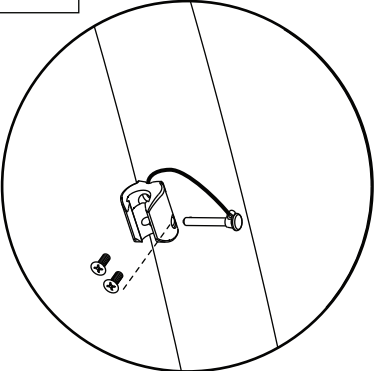
Loctite



Phillips

Mount your top tower hinges so that the hinge pin holes are on the lower side. Apply a small amount of red Loctite to each of the screws provided. Secure the hinges to the tower.

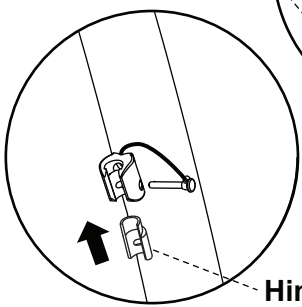
Make sure the hinge pin lanyard loop is under the top hinge hole.



Warning :
Wipe off any excess loctite from the painted tower surface. Loctite will damage the paint finish.

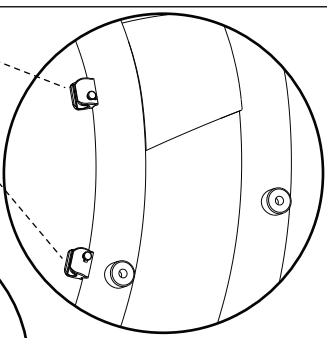
Top Tower Hinges need the Hinge Pins facing down.

Middle and Bottom Tower Hinges need the Hinge Pins facing up.




Hinge Insert

Once both screws have secured the Tower Hinge to the tower and the lanyard has been properly installed, slide the black Hinge Insert into the Tower Hinge to cover the screw heads.




E


Installing Bimini Arms




x4



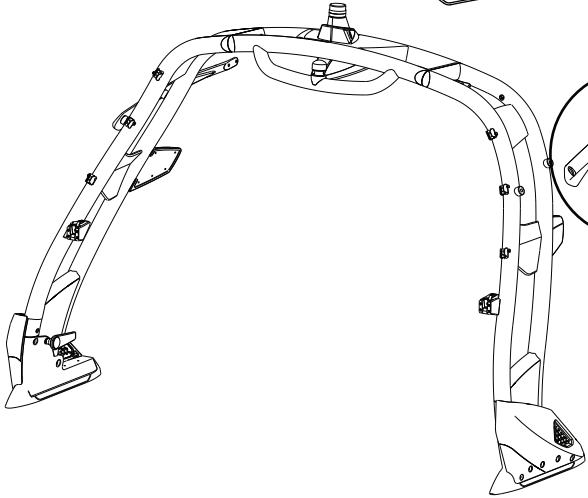
x4



Loctite

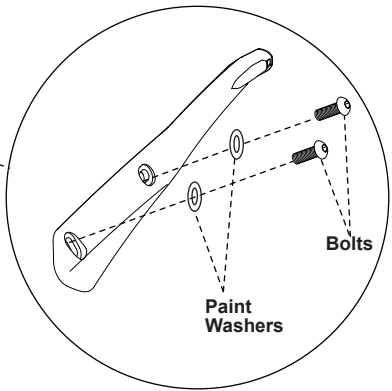


5/16"



Port Bimini Arm

Starboard Bimini Arm



Paint Washers


Bolts

Remove the 2 bimini arms from your box and carefully unwrap them. Assemble the bimini arms to the tower using the 4 bolts and 4 paint washers. Apply red Loctite to all 4 bolts and assemble the arms as illustrated. Place the washers under the bolt heads. Do not fully tighten down the arms yet. They will need to be loose for the next installation step.

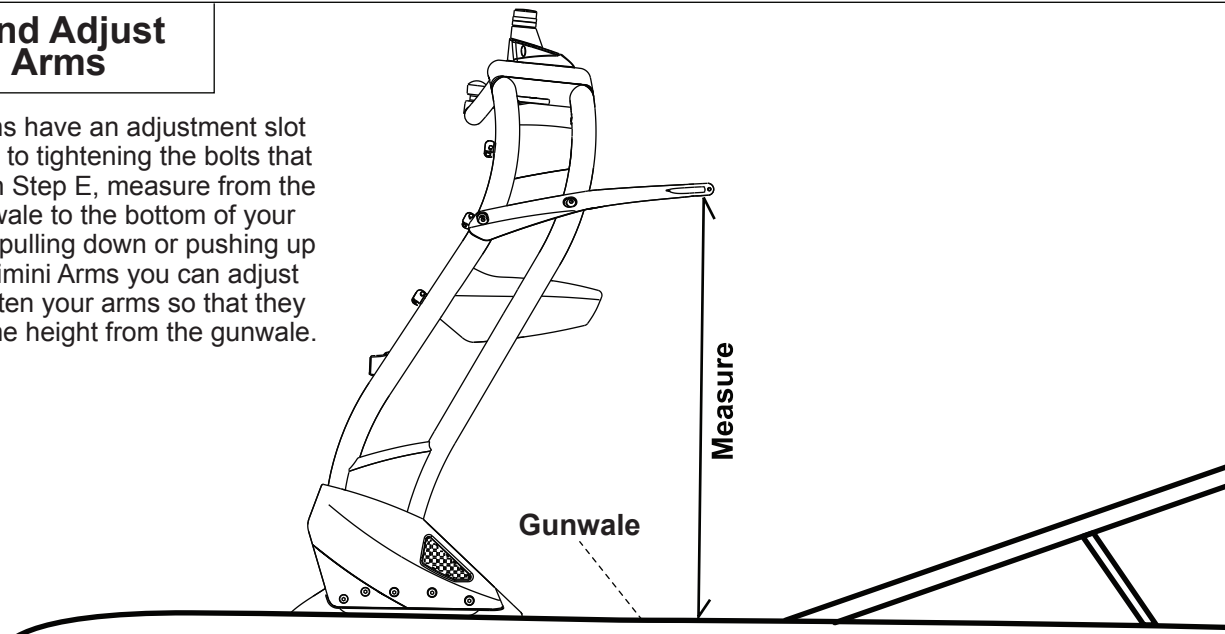
F

Tighten and Adjust Bimini Arms

Your Bimini Arms have an adjustment slot at the rear. Prior to tightening the bolts that were left loose in Step E, measure from the top of the gunwale to the bottom of your Bimini Arms. By pulling down or pushing up lightly on the Bimini Arms you can adjust the height. Tighten your arms so that they are both the same height from the gunwale.



5/16"



Measure

Gunwale



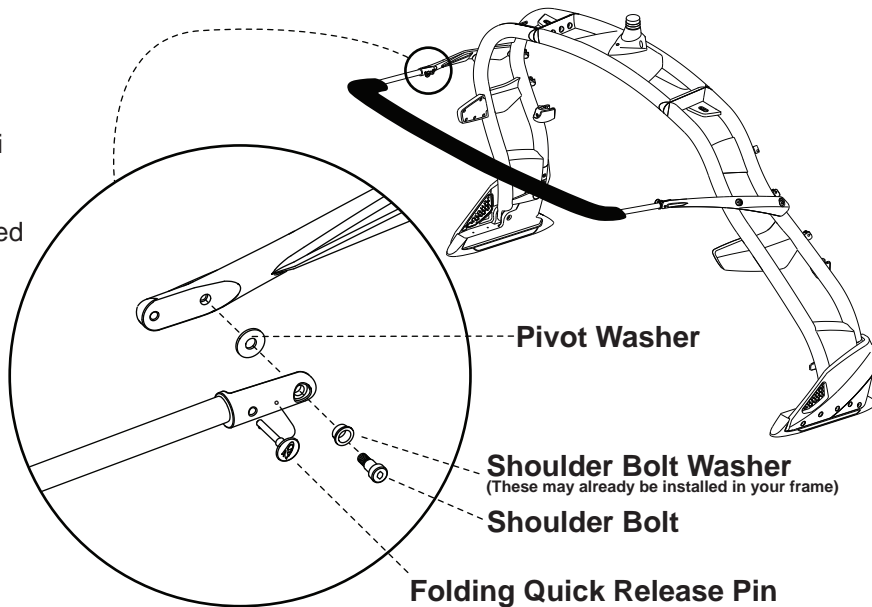
G**Front Frame Assembly******This Step Requires 2 People****

Remove the plastic wrapping from your bimini frame. Remove the bimini boot that is zipped around your frame. Remove the rear frame assembly from the front frame. This was zipped in the boot for packaging purposes.

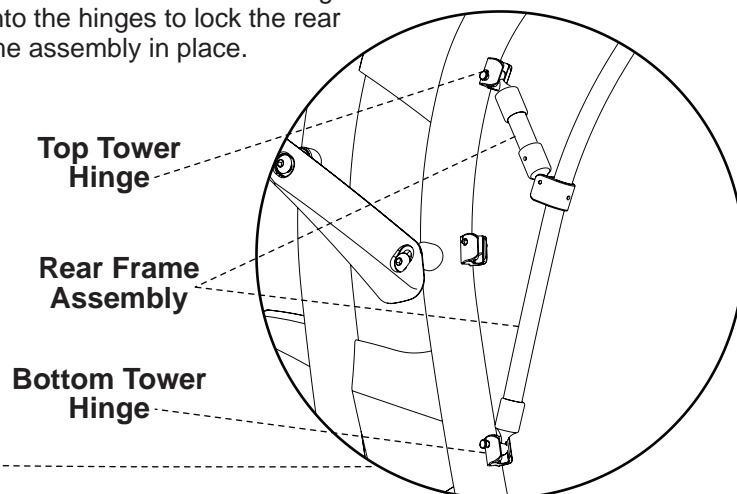
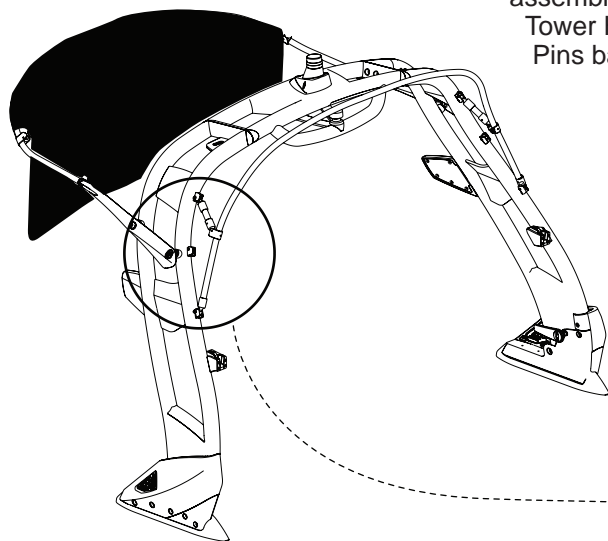
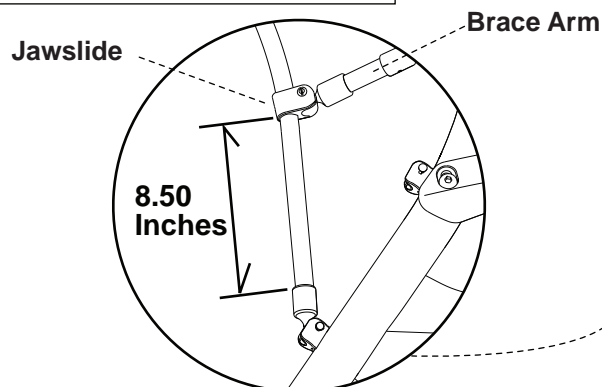
Grab 2 shoulder bolts, 2 pivot washers, and 2 shoulder bolt washers from your bimini box. Apply red Loctite to the 2 bolts. Attach the bimini frame to the bimini arms as illustrated. Make sure the pivot washers are between the bimini arms and the bimini frame and that the shoulder bolt washers are under the shoulder bolt heads. Insert the folding quick release pins.

**x2****x2****x2****x2**

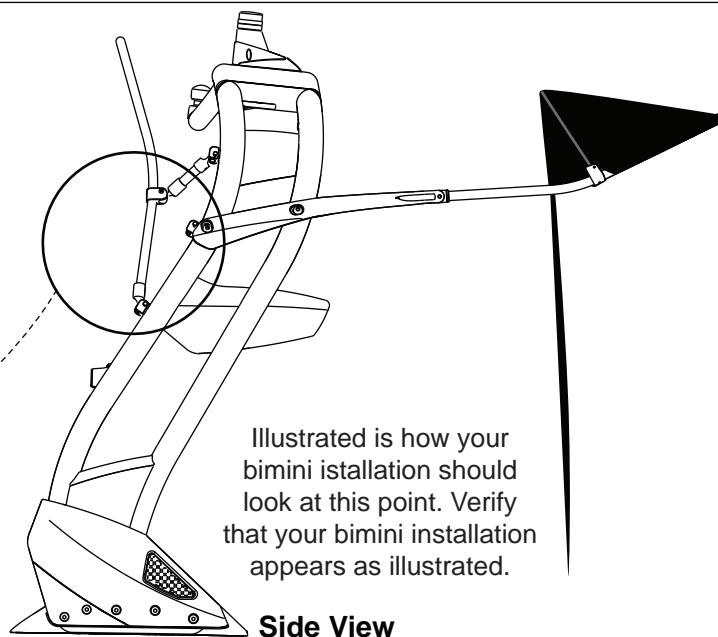
3/16"

**H****Rear Frame Assembly**

Remove the Hinge Pins from the top and bottom Tower Hinges. Grab the rear frame assembly and mount it to the top and bottom Tower Hinges as illustrated. Put the Hinge Pins back into the hinges to lock the rear frame assembly in place.

**I****Verifying Your Installation**

Verify that your brace arms are located properly along the rear bimini tube. If they are not as illustrated, loosen the Jawslide set screw and slide the Jawslide to the correct location. Re-tighten the set screw.

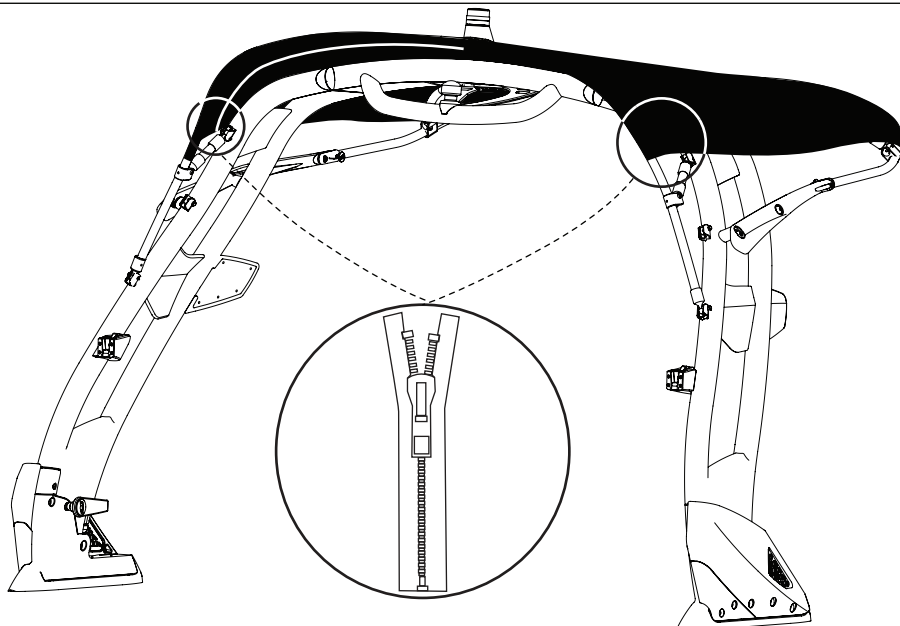
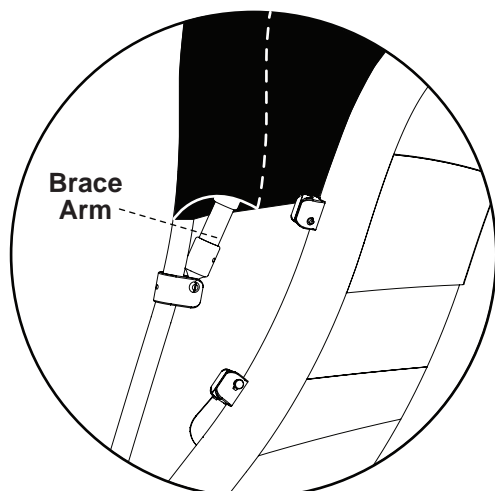
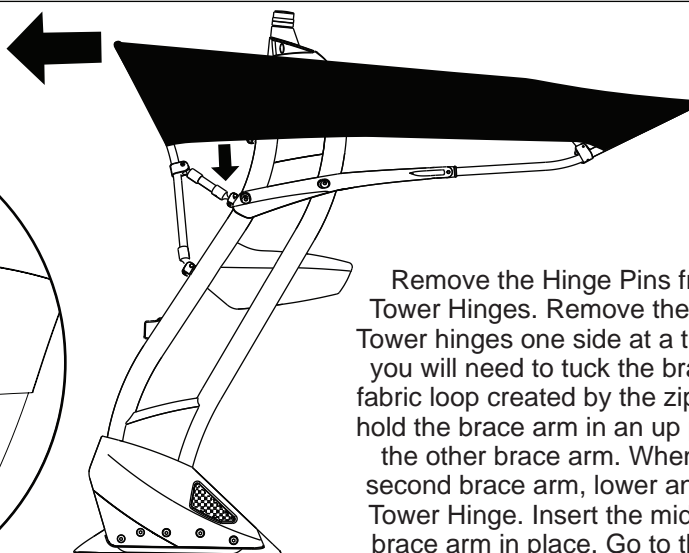


Illustrated is how your bimini installation should look at this point. Verify that your bimini installation appears as illustrated.

Side View

J**Zippering Fabric**

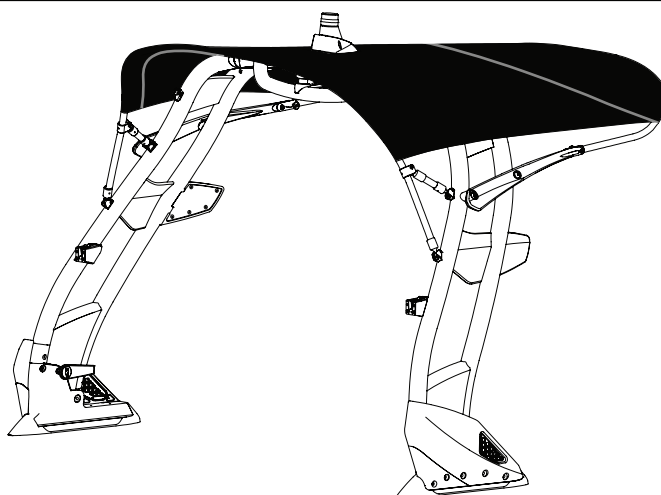
Zip the bimini fabric around the rear bimini frame as shown. There are 2 separate zippers located on the inside rear corners of the bimini fabric. Zip both zippers towards the center of the tower. Fold the zipper cover over the zippers and velcro.

**K****Final Step****IMAGE A**

Remove the Hinge Pins from the top and middle Tower Hinges. Remove the brace arms from the top Tower hinges one side at a time. The first side you do, you will need to tuck the brace arm under the bimini fabric loop created by the zipper (**Image A**). This will hold the brace arm in an up position while you release the other brace arm. When you have released the second brace arm, lower and insert it into the middle Tower Hinge. Insert the middle Hinge Pin to lock the brace arm in place. Go to the other side and untuck the brace arm and insert it into the middle Tower Hinge. Insert the middle Hinge Pin to lock the brace arm in place.

L**Happy Boating!**

Your bimini is now ready for use.



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Information: info@roswellwakeair.com

Warranty: warranty@roswellwakeair.com

If you have any questions please call : 1-855-962-WAKE(9253)

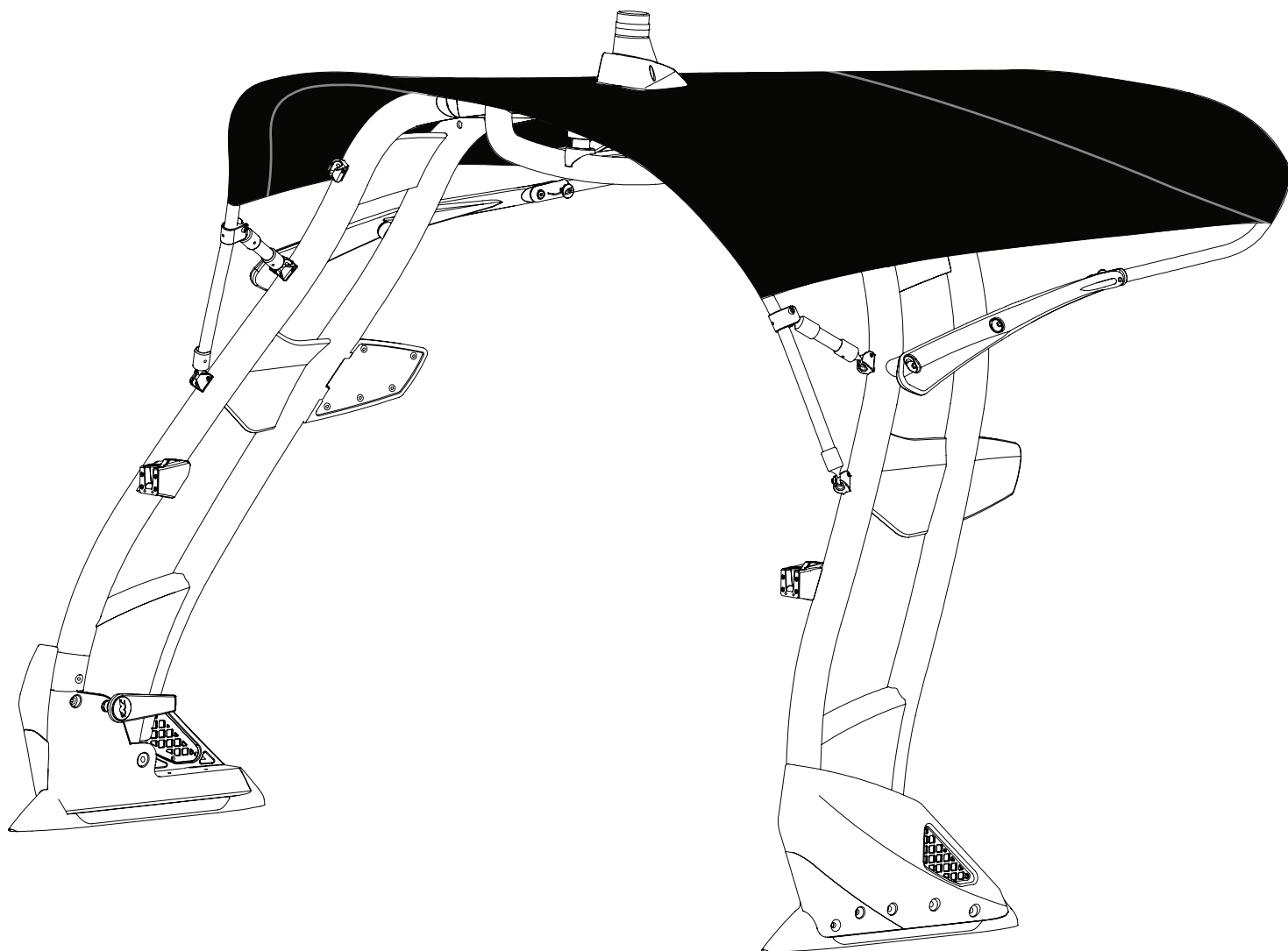


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Important

Read & follow these instructions carefully. Failure to do so may result in damage to parts.
Damage to parts from improper use is not covered under warranty.



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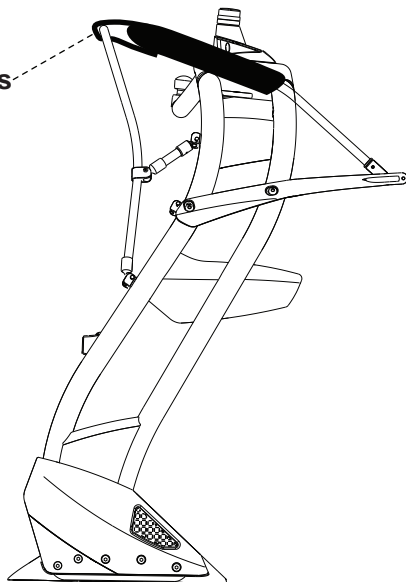
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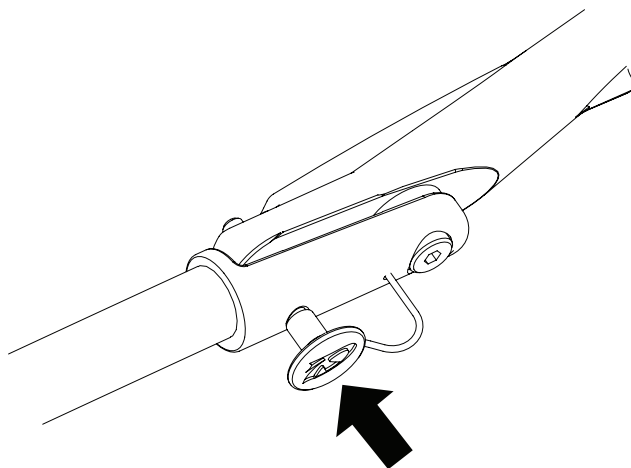
Unfolding Your FCT-5 Tower Bimini

Velcro straps

1: Undo the 2 Velcro straps that secure the bimini to your tower.

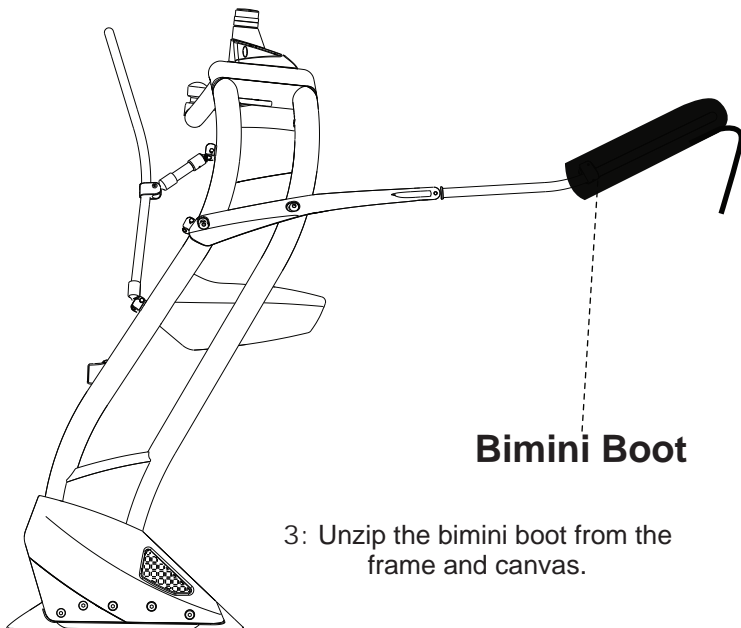


2: Fold the front bimini frame forward and away from the tower. Insert the Folding Quick Release Pins through the front bimini frame and into the bimini arms as illustrated.



Bimini Boot

3: Unzip the bimini boot from the frame and canvas.



4: Zip the bimini fabric around the rear bimini frame. Fold the zipper cover over the zippers and Velcro.

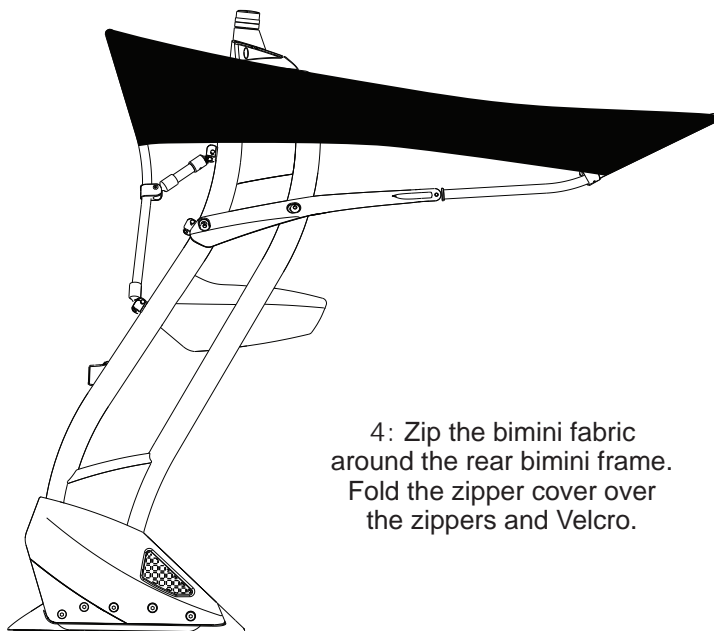
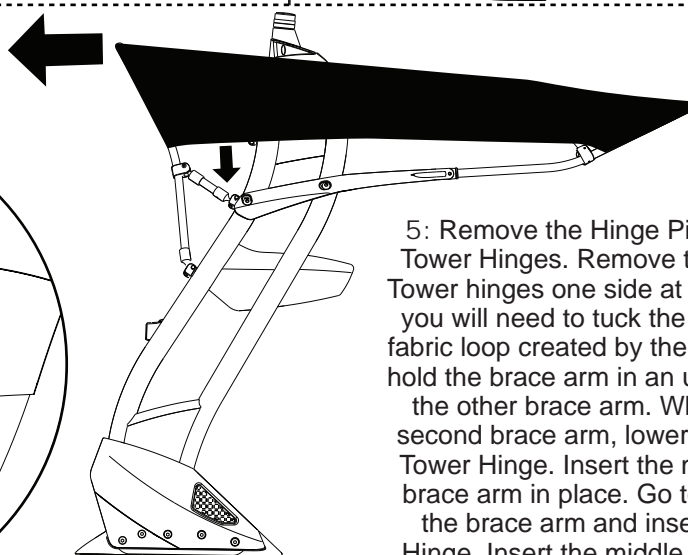


IMAGE A

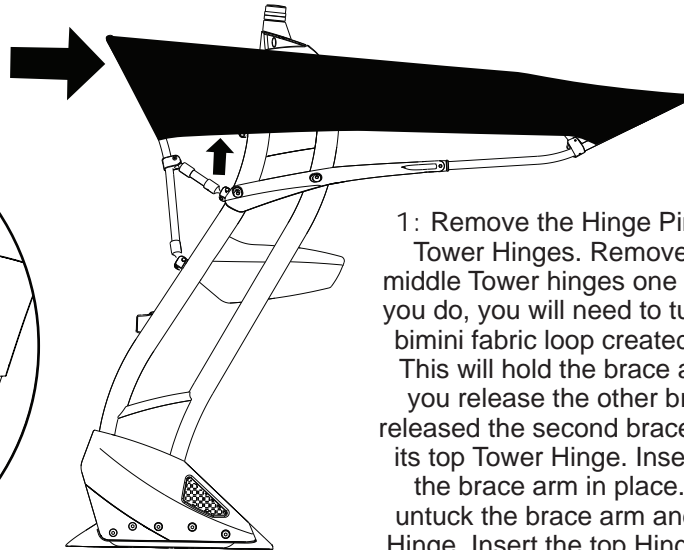
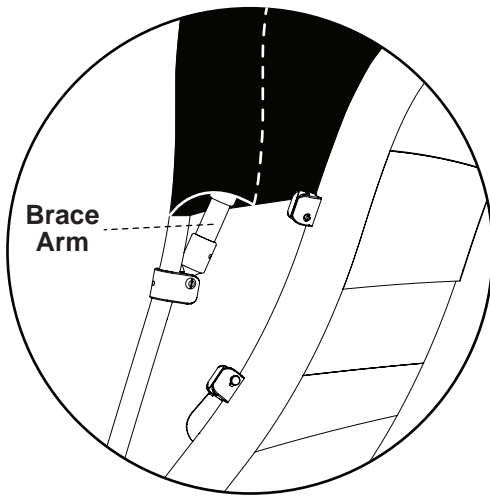
Brace Arm

5: Remove the Hinge Pins from the top and middle Tower Hinges. Remove the brace arms from the top Tower hinges one side at a time. The first side you do, you will need to tuck the brace arm under the bimini fabric loop created by the zipper (**Image A**). This will hold the brace arm in an up position while you release the other brace arm. When you have released the second brace arm, lower and insert it into the middle Tower Hinge. Insert the middle Hinge Pin to lock the brace arm in place. Go to the other side and untuck the brace arm and insert it into the middle Tower Hinge. Insert the middle Hinge Pin to lock the brace arm in place.

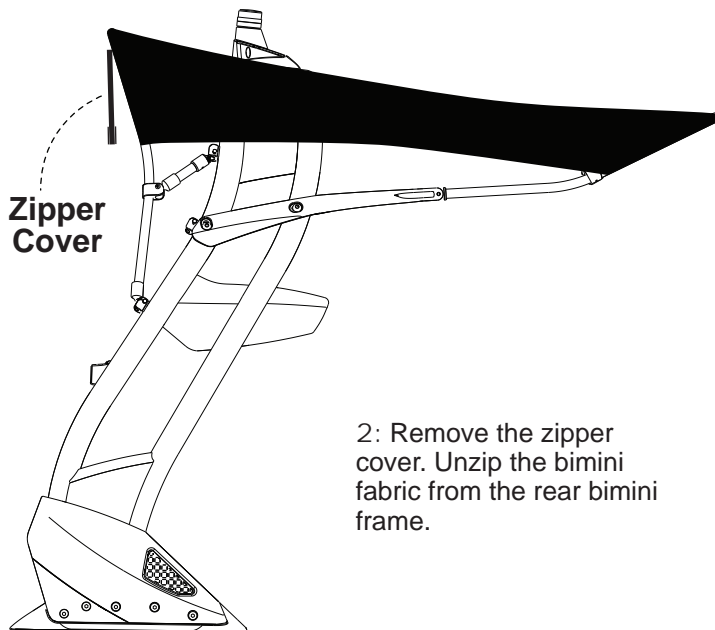


Folding Your FCT-5 Tower Bimini

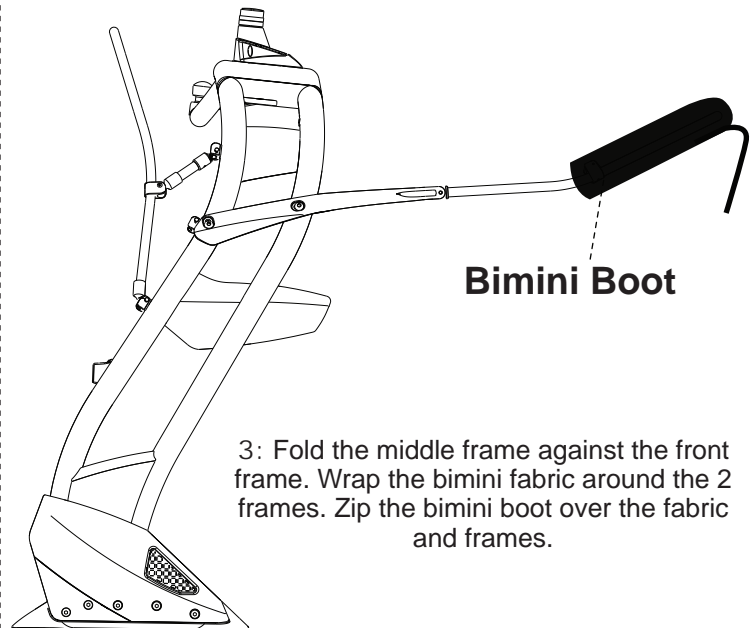
IMAGE A



1: Remove the Hinge Pins from the top and middle Tower Hinges. Remove the brace arms from the middle Tower hinges one side at a time. The first side you do, you will need to tuck the brace arm under the bimini fabric loop created by the zipper (**Image A**). This will hold the brace arm in an up position while you release the other brace arm. When you have released the second brace arm, raise and insert it into its top Tower Hinge. Insert the top Hinge Pin to lock the brace arm in place. Go to the other side and untuck the brace arm and insert it into its top Tower Hinge. Insert the top Hinge Pin to lock the brace arm in place.

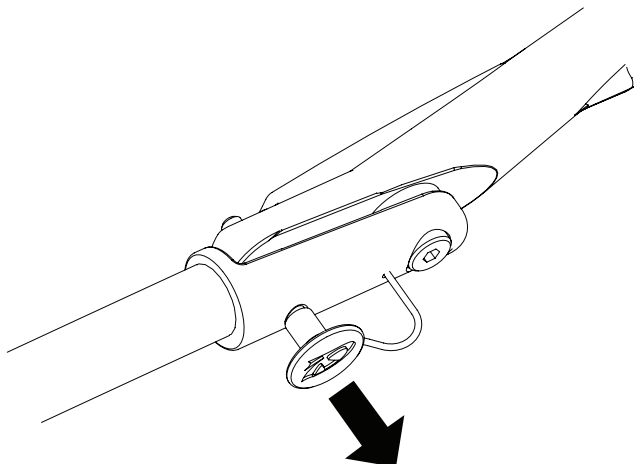


2: Remove the zipper cover. Unzip the bimini fabric from the rear bimini frame.



3: Fold the middle frame against the front frame. Wrap the bimini fabric around the 2 frames. Zip the bimini boot over the fabric and frames.

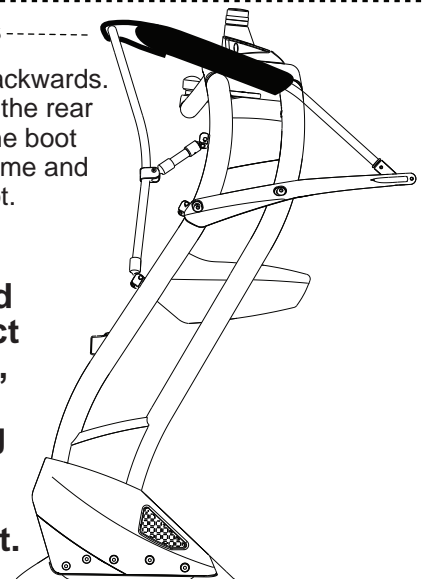
4: Remove the Folding Quick Release Pins from the front bimini frame and bimini arms as illustrated.



Velcro straps

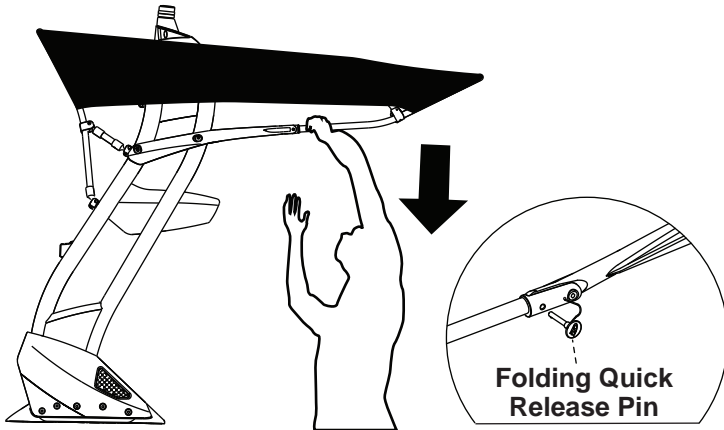
5: Fold the front frame backwards. Secure the front frame to the rear bimini frame by looping the boot straps around the rear frame and Velcroing them to the boot.

Illustrated is how your bimini should be folded to protect your bimini fabric, bimini frame and boat when folding your tower for storage or for trailering your boat.

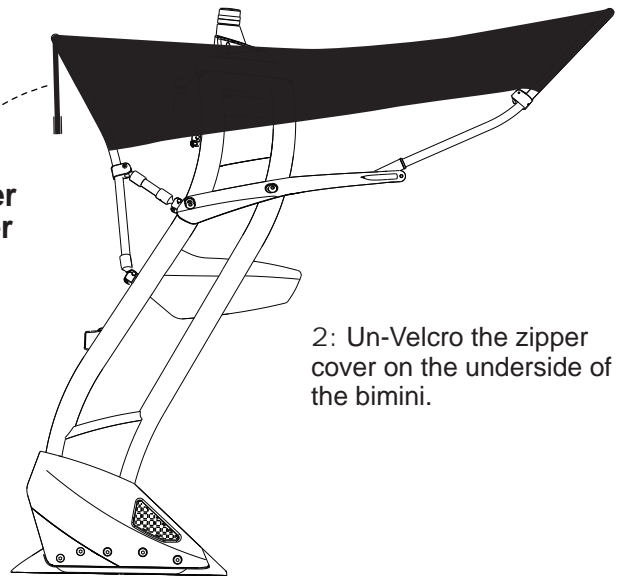


C Folding Your FCT-5 Tower Bimini to Go Under a Bridge

1: Pull down lightly on the front bimini frame close to the arms. Remove the Folding Quick Release Pins. Rotate the front frame up and insert the Folding Quick Release Pins into the arms only. Do this on both sides.



Zipper Cover

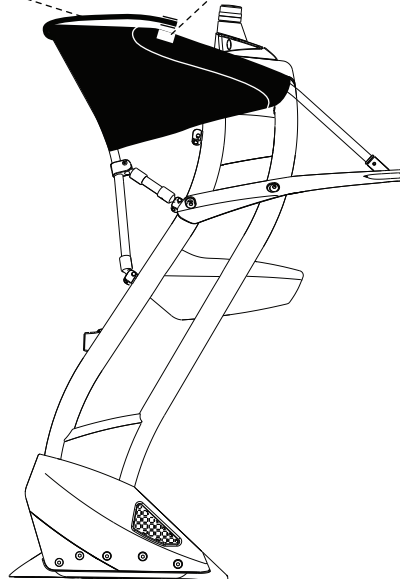


2: Un-Velcro the zipper cover on the underside of the bimini.

Zipper Cover

Velcro Strip

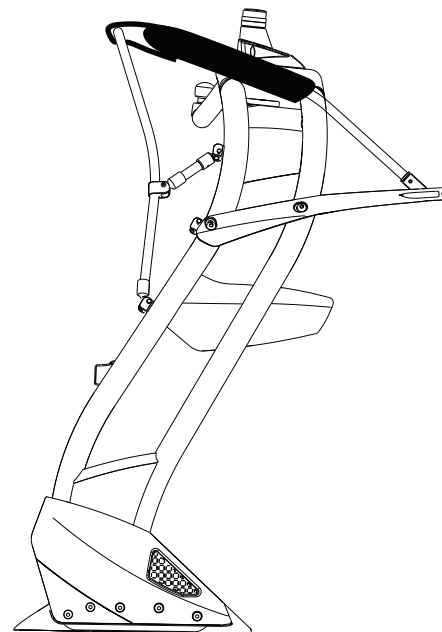
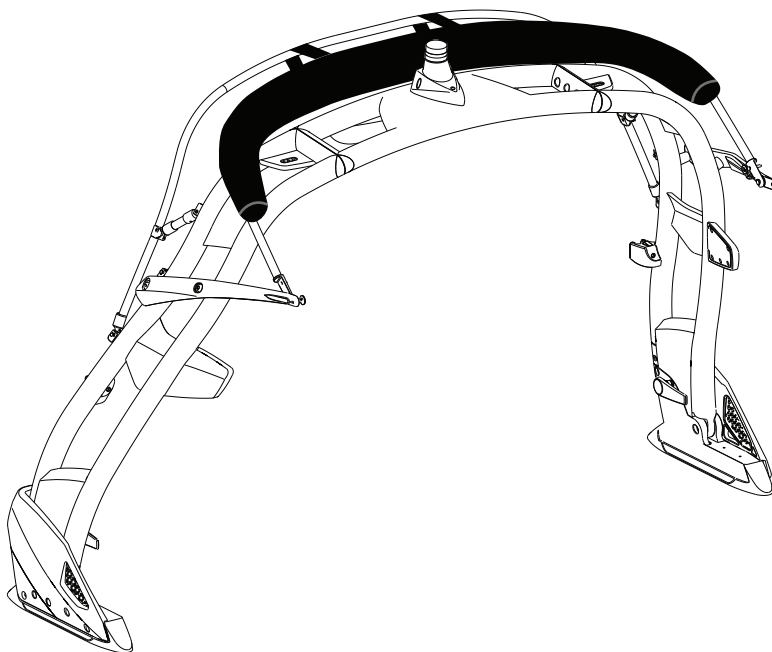
3: Fold the front and middle frame backwards. Secure the front frame to the rear frame by looping the zipper cover over the rear frame and attaching to the Velcro strip on the front frame fabric as illustrated.



Illustrated is how your bimini can be folded to quickly lower your tower for driving under a bridge. This fold setting is specifically for quick folding.

Do not trailer or drive your boat above 3mph with the bimini in this folded position.





***** Illustrated is the ONLY acceptable way to safely fold your FCT-5 Tower or trailer your boat with the FCT-5 bimini on*****



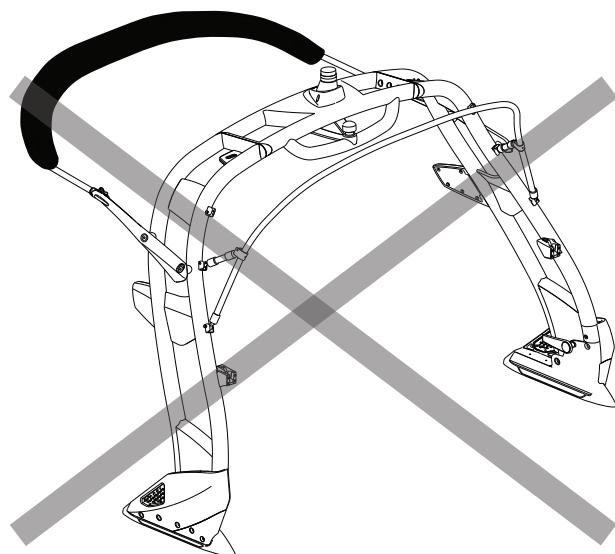
ATTENTION



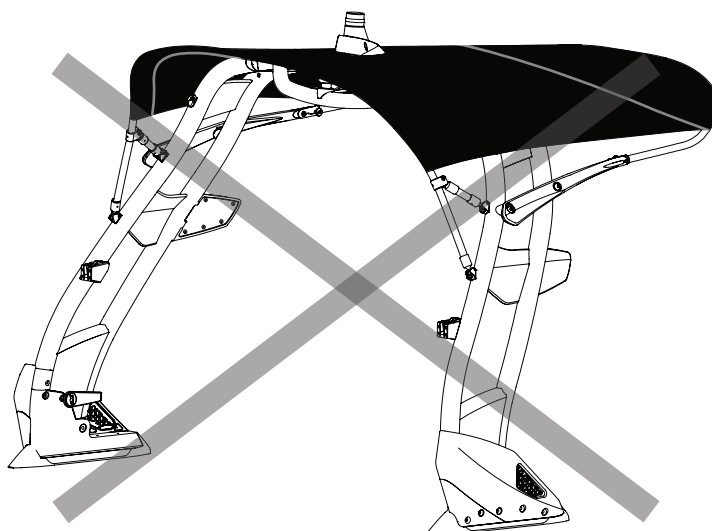
**DO NOT TRAILER YOUR BOAT WITH THE BIMINI
IN ITS OUTSTRETCHED POSITION**

**DO NOT FOLD YOUR TOWER WITH THE BIMINI
IN ITS OUTSTRETCHED POSITION**

**DO NOT USE YOUR BIMINI IN ITS OUTSTRETCHED
POSITION IN ANY HIGH WIND CIRCUMSTANCES**



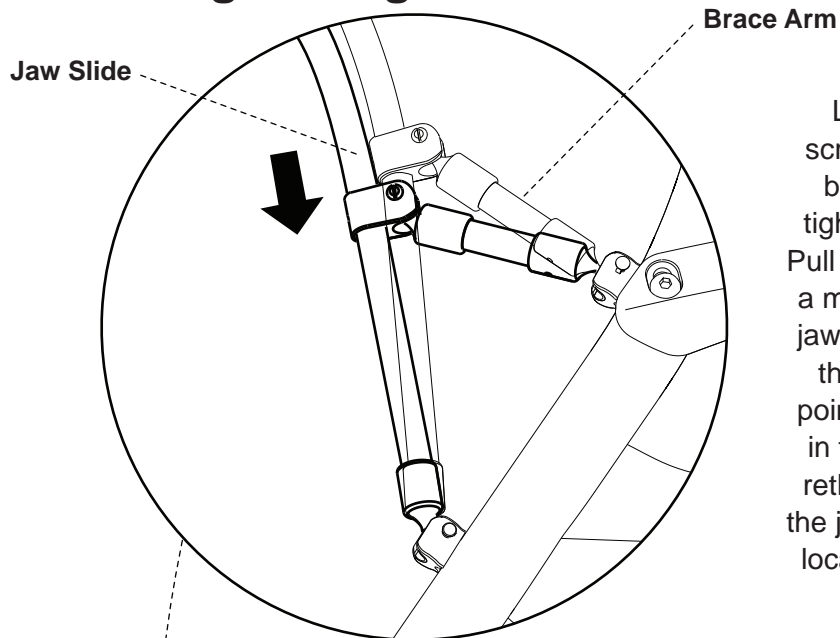
**DO NOT FOLD THE TOWER OR
TRAILER BOAT WITH BIMINI IN
THIS POSITION**



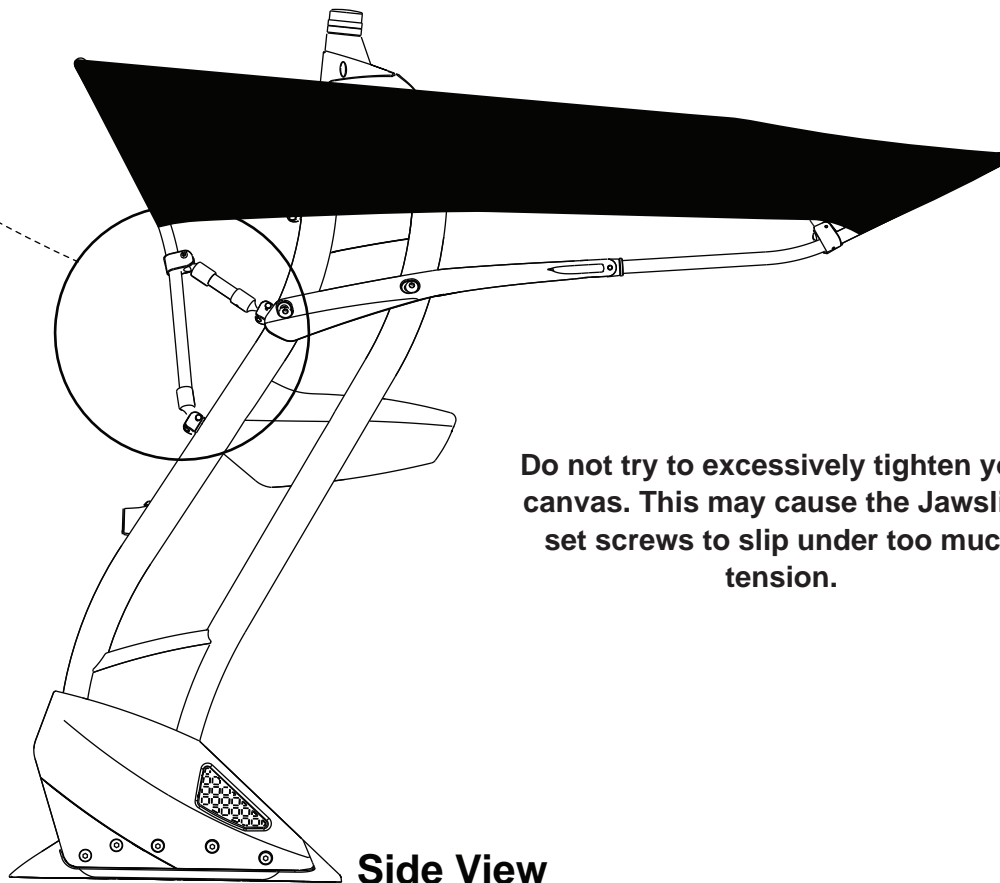
**DO NOT FOLD THE TOWER OR
TRAILER BOAT WITH BIMINI IN
THIS POSITION**

It is normal that your bimini canvas will stretch over time and use. Your FCT-5 Bimini has been designed to allow you to tighten your canvas as needed.

Canvas Tightening method 1

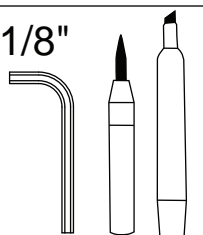


Loosen the jaw slides by removing their set screws 1 side at a time. By lightly pulling on the brace arm and sliding the jawslide down to a tighter position it will tighten your bimini canvas. Pull the jawslide down to a new location and using a marker, mark the rear bimini frame through the jawslide set screw hole. Move the jawslide out of the way and center punch where your marker point is. Do this several times to get a good divot in the frame. Move the jawslide back down and rethread the set screw into the jawslide. Tighten the jawslide down making sure the set screw point locates in the divot. Repeat the same procedure for the other side of your bimini.



Do not try to excessively tighten your canvas. This may cause the Jawslide set screws to slip under too much tension.

1/8"

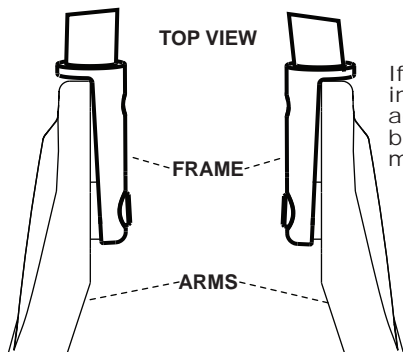


Tips and Tricks for your Bimini

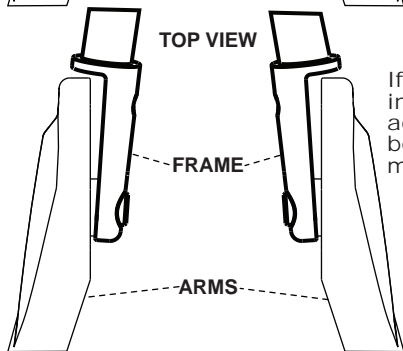
It is normal that there is potentially a slight variation from one tower bimini to another. Listed below are some tips and tricks to ensure that your bimini is installed and functioning properly. This process is not mandatory for all biminis.

1 : It is possible that once your bimini is installed your frame and arms are not parallel where they pivot. This could make inserting and removing your quick release pins difficult.

If you are not experiencing any issues, skip this page.

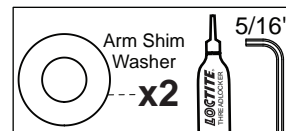
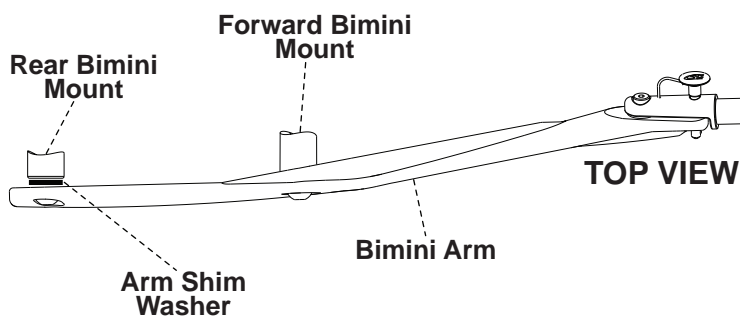


If your bimini looks like this, in Step 2 you will need to add arm shim washers between the forward bimini mounts and your bimini arms

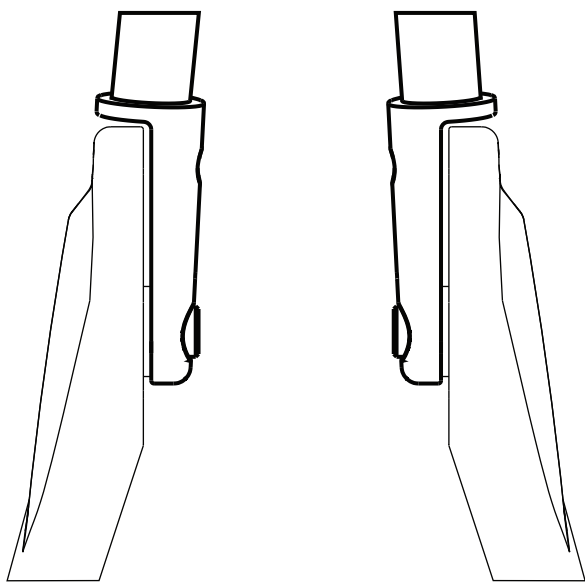


If your bimini looks like this, in Step 2 you will need to add arm shim washers between the rear bimini mounts and your bimini arms

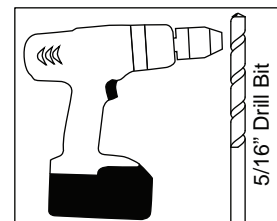
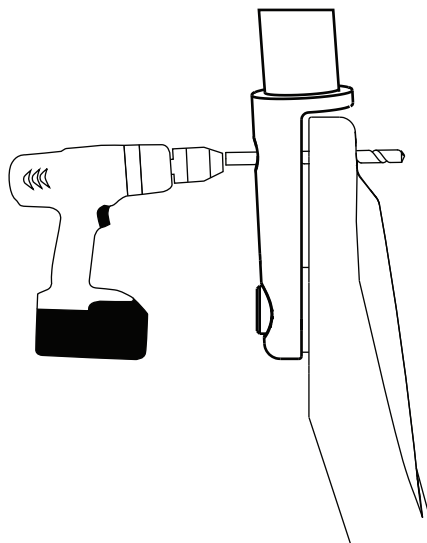
2 : Grab the 2 Arm Shim Washers that were provided with your bimini arm box. Choose one side of your tower to work on first. Determine which bimini mount the arm shim washers will need to be installed on. Completely remove the bolt and washers that secure the bimini arm to your chosen bimini mount. Loosen the other bimini arm bolt. Slide 1 Arm Shim washer in between the chosen bimini mount and bimini arm. Re-insert the bolt & washers. Apply loctite to the bolt first. Tighten down the front and rear bimini arm bolts in the same position they were in prior to loosening them. Repeat on the other side of your tower.



3 : Now that your arm shim washers have been installed your frame and arms should be parallel or much closer. Test removing and inserting your quick release pins. If it is still difficult to remove or insert the pins proceed to the next step.



4 : If your quick release pins are still difficult to remove and insert with the addition of the arm shim washers, Roswell recommends using a drill with a 5/16" drill bit to clean out the holes. Drill through the frame and bimini arms at the same time. This will help with the alignment and ensure an accurately aligned hole.



www.roswellwakeair.com

Information: info@roswellwakeair.com
Warranty: warranty@roswellwakeair.com

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