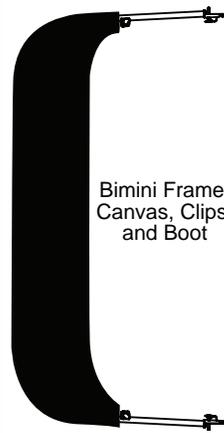
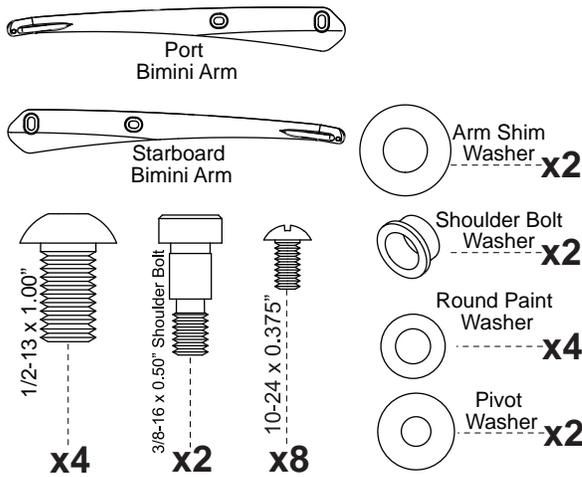


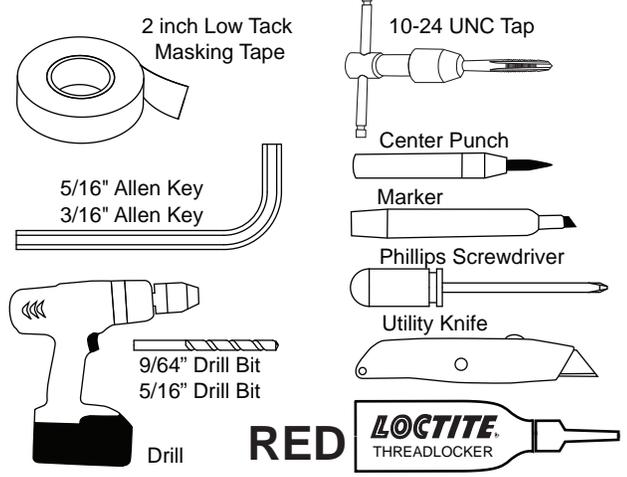
SUPRA

Supra Tower Bimini Installation Instructions

Contents of Bimini Box



Tools Required

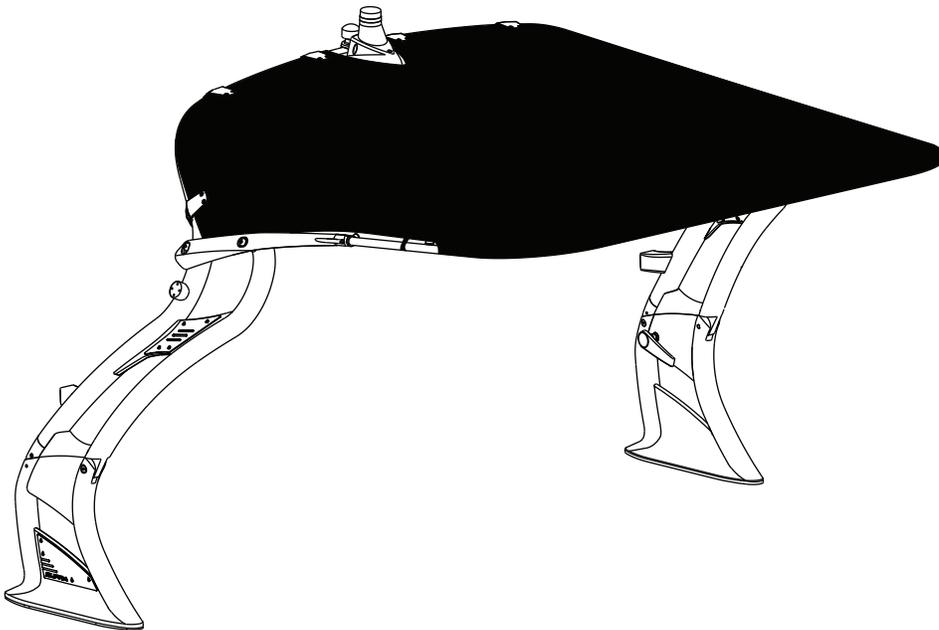


Towers and tower accessories require regular maintenance. Tower hardware and retaining bolts can become loose with normal operation; it is owner's responsibility to ensure all hardware is kept tight and secure. Corrosion and/or oxidation on coated surfaces as well as on all hardware are specifically 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.



! Attention !
Installing your bimini clips in freezing or near freezing temperatures is NOT recommended. Failure to do so will result in broken bimini clips. Damage to parts from improper use is not covered under warranty.

www.roswellwakeair.com

Information: info@roswellwakeair.com

Warranty: warranty@roswellwakeair.com

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

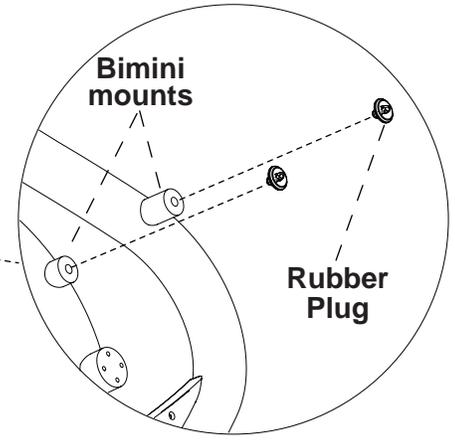
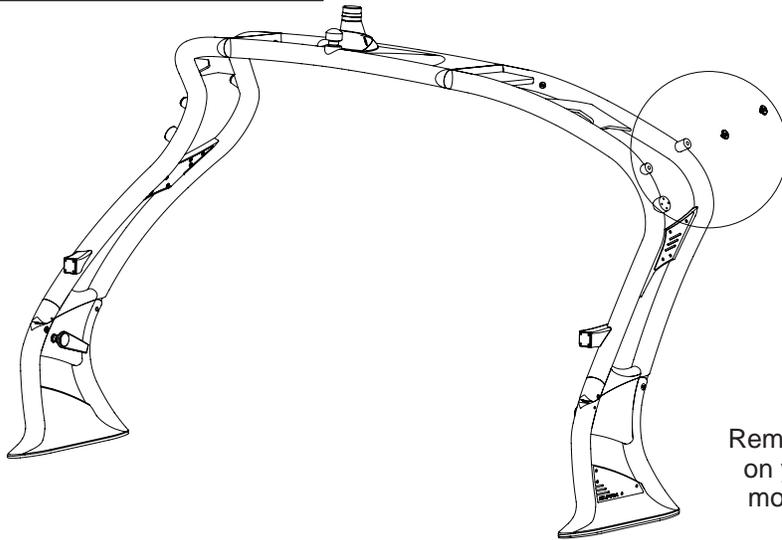


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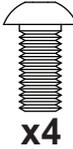
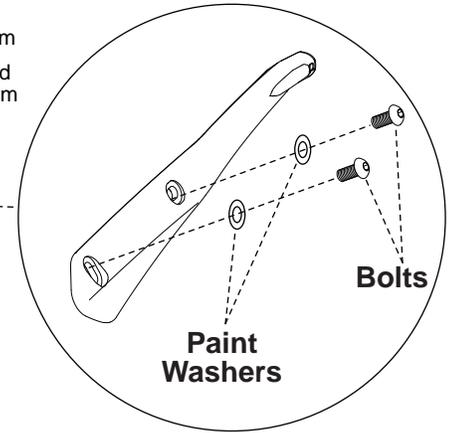
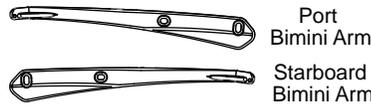
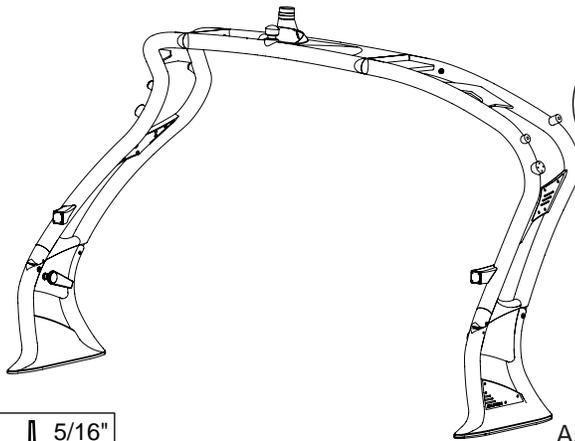


A Preparing your tower



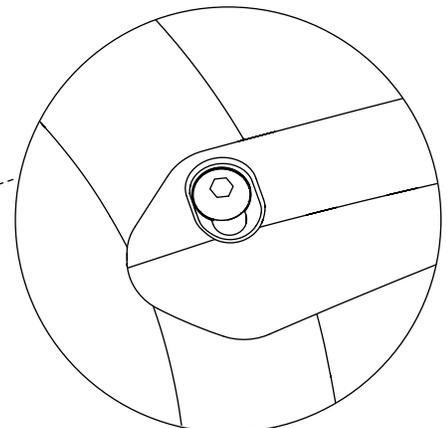
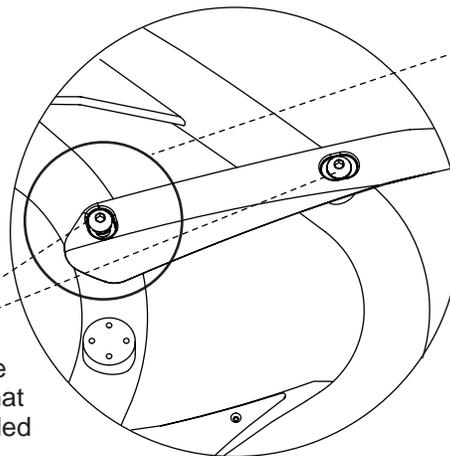
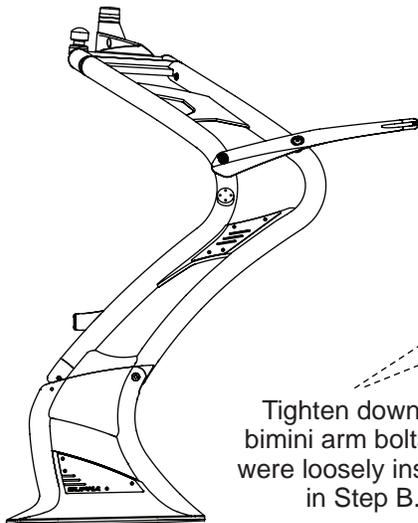
Remove the 4 rubber plugs from the bimini mounts on your tower. These are press fit into the bimini mounts and do not require any tools to remove.

B Installing Bimini Arms



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 round paint washers from the box. Apply red Loctite to all 4 bolts and assemble the arms as illustrated. Place the paint washers under the bolt heads. Do not fully tighten down the arms yet. They will need to be loose for the next installation step.

C Tighten Bimini Arm Bolts



****IMPORTANT****
Tighten the Rear Bolts at the top of the slots as illustrated.

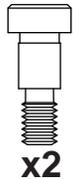
Tighten down the bimini arm bolts that were loosely installed in Step B.



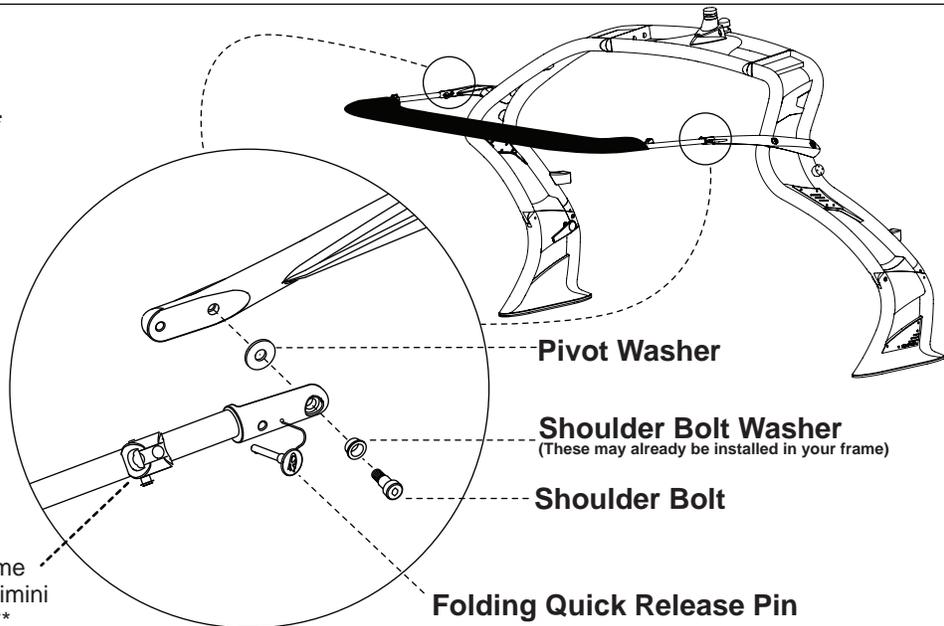
D Bimini Frame Assembly

****This step requires 2 people****

Remove the plastic wrapping from your bimini frame. Grab the 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 sandwiched between the bimini arms and the bimini frame and that the shoulder bolt washers are under the heads of the shoulder bolts. Insert the folding quick release pins.



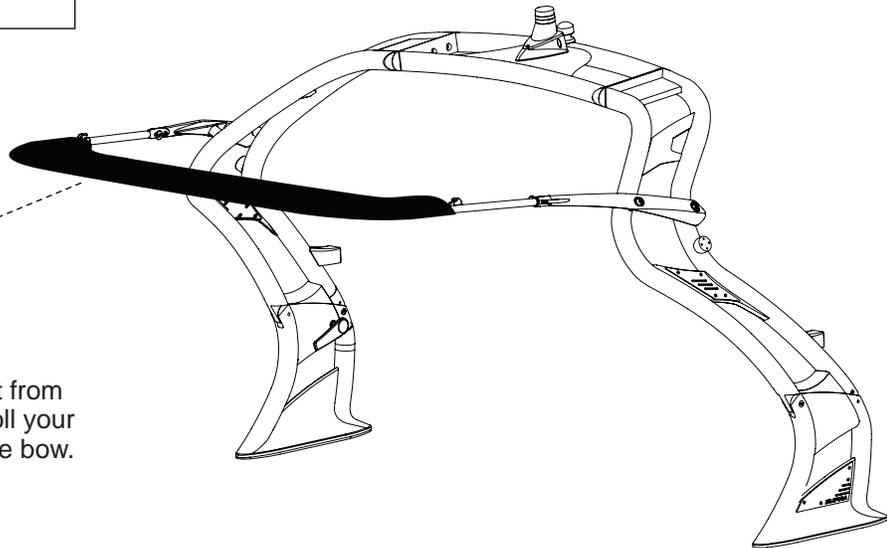
****To avoid installing the frame upside down make sure the bimini hinges are facing upward****



E Bimini Boot Removal

Bimini Boot

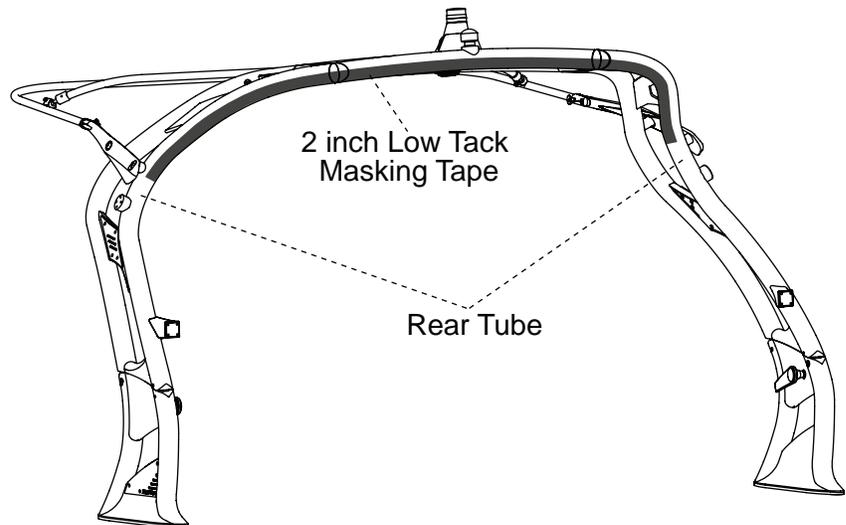
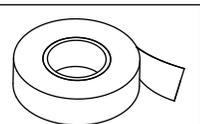
Unzip the bimini boot from the bimini frame. Unroll your fabric, clips and middle bow.



F Low tack masking tape

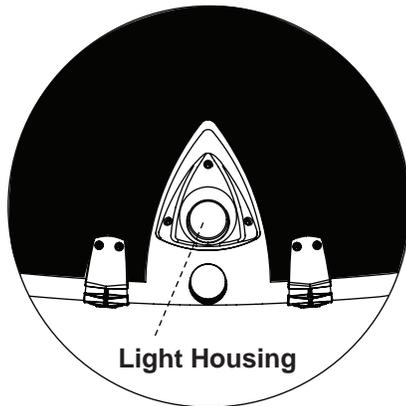
*****Bimini Canvas is not illustrated for image clarity*****

Apply a strip of 2 inch low tack masking tape along the entire rear tower tube from bimini arm to bimini arm. The strip should cover the portion of rear tube that faces the interior of the boat. This step is essential to avoid any accidental scratches to the tower paint.

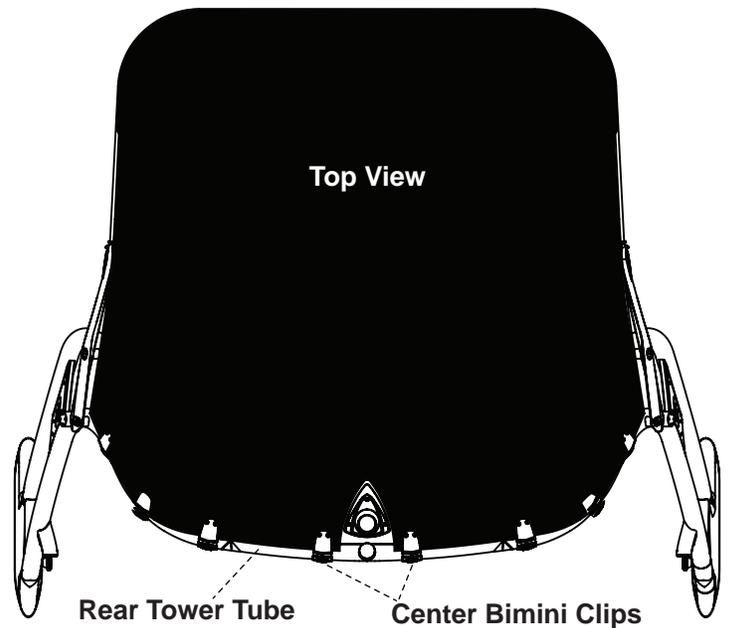


G Fabric-Clips Installation: Step 1

Snap the 8 bimini clips around the rear tube of the tower as illustrated. Adjust the bimini clip locations until they are symmetrical and the fabric is tight and wrinkle free.

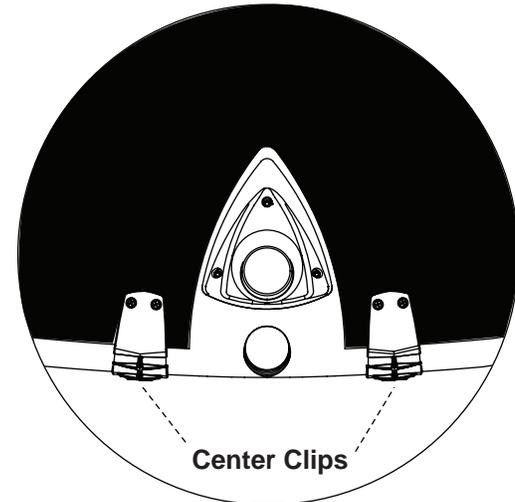


****IMPORTANT****
The position of the center Clips is the most important to begin with. Make sure that the clips are positioned along the rear tower tube so that the fabric is centered around the Light Housing.

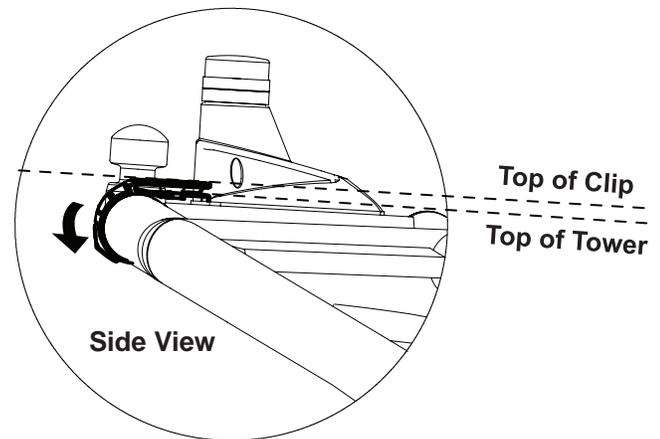


H Fabric-Clips Installation: Step 2

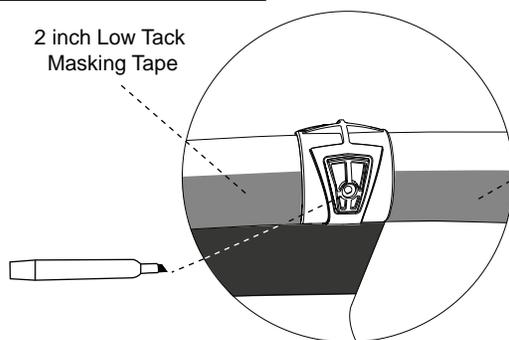
Prior to marking the center points for the 2 center clips in Step 1, it is important to pull/rotate the clips until the clip top surface is parallel to the top of the tower. With a good grasp on each clip, rotate them until the top is parallel then mark the center point with a black marker. Make sure your fabric stays centered around the light housing



Start with the 2 center clips illustrated.

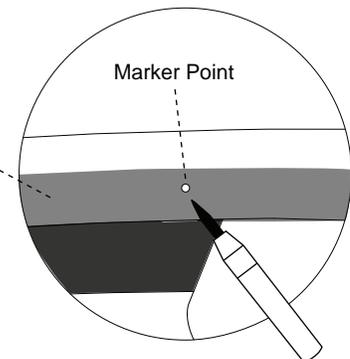


I Fabric-Clips Installation: Step 3



Once the top surface of each clip is parallel to the top of the tower, use a marker to mark the center mark for each bimini clip. Remove each center clip from the rear tower tube so they are out of the way of the center mark.

2 inch Low Tack Masking Tape

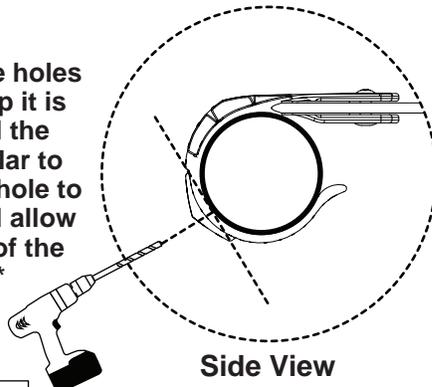


Center punch the 2 marker points on the masking tape.

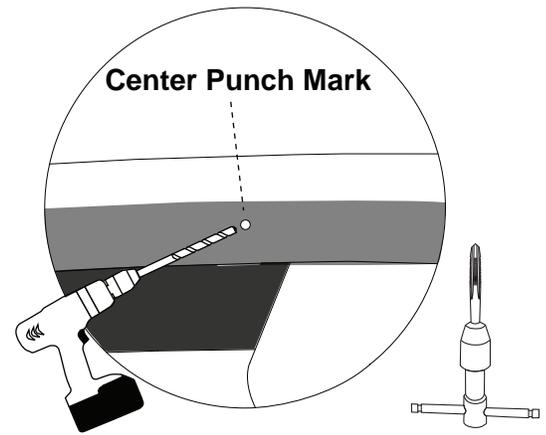


J Fabric-Clips Installation: Step 4

When drilling the holes for your bimini clip it is important to drill the holes perpendicular to the location of the hole to be drilled. This will allow for an optimal fit of the bimini clip.

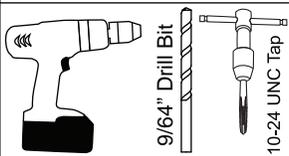


Side View



Center Punch Mark

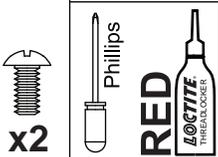
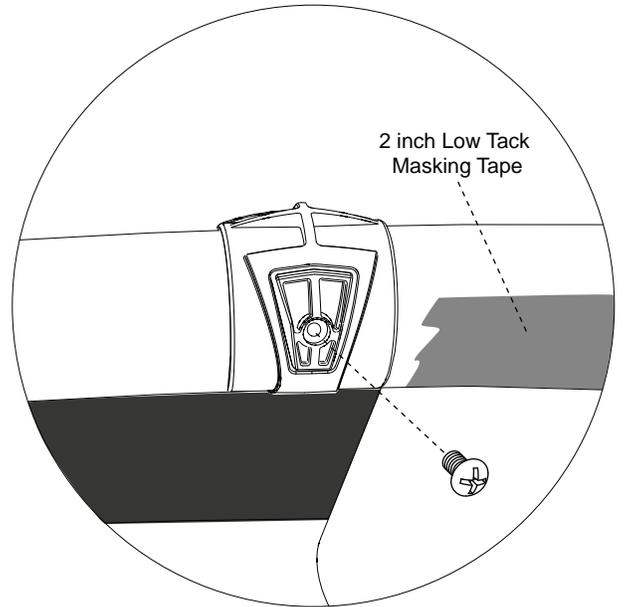
Using a cordless drill and a 9/64" drill bit, drill holes through the tower where you made the 2 center punch marks. Using a tap and a 10-24 UNC bit, carefully tap each of the holes you just drilled.



K Fabric-Clips Installation: Step 5

Remove the masking around the 2 newly drilled holes only. Slide the 2 bimini clips back so they line up with the newly drilled and tapped holes. Grab 2 of the provided bimini clip bolts from your bimini box. Apply a small amount of red Loctite to each bolt. Using a Phillips screwdriver, attach the bimini clips to the tower.

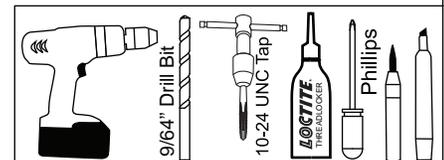
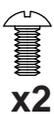
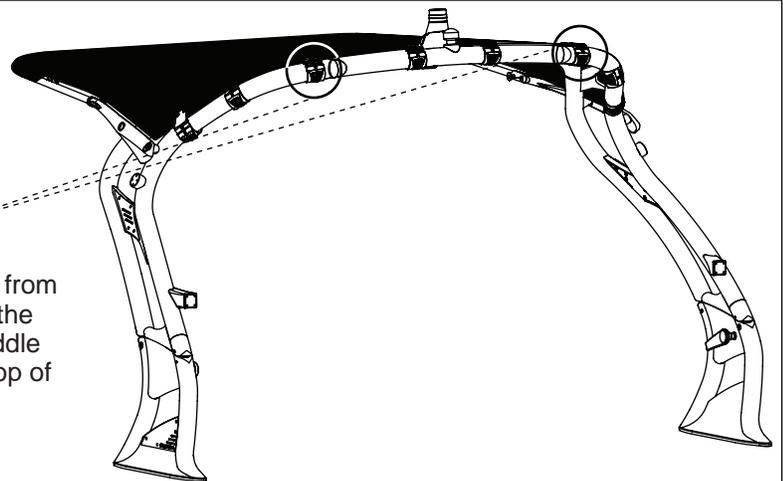
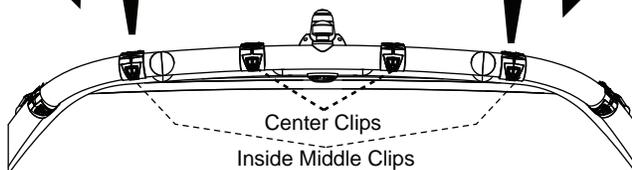
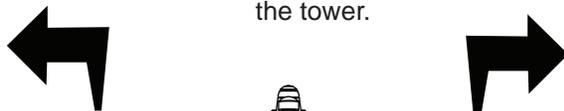
Do not overtighten these screws.



L Fabric-Clips Installation: Step 6

Repeat Steps H, I, J & K for the 2 inside middle bimini clips illustrated

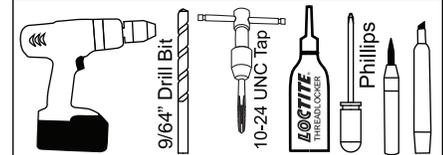
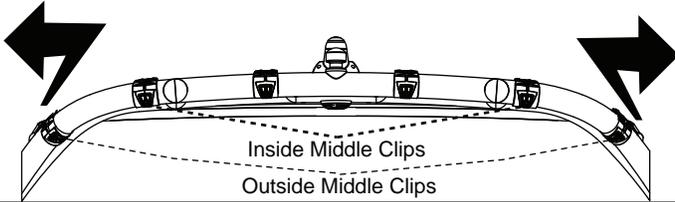
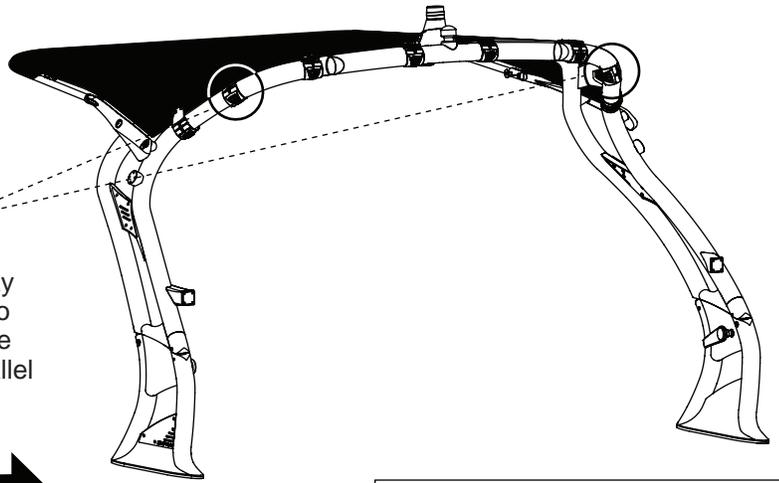
Be sure to pull the inside middle bimini clips away from the newly installed center clips prior to marking the center points. Remember to rotate the inside middle clips until the clip top surface is parallel with the top of the tower.



M Fabric-Clips Installation: Step 6

Repeat Steps H, I, J & K for the 2 outside middle bimini clips illustrated

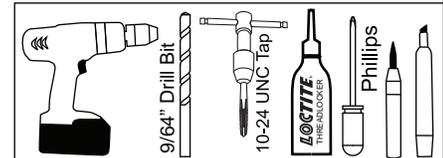
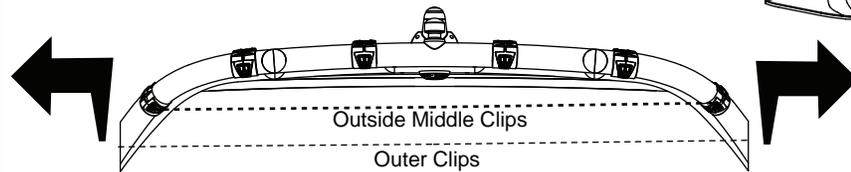
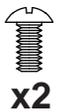
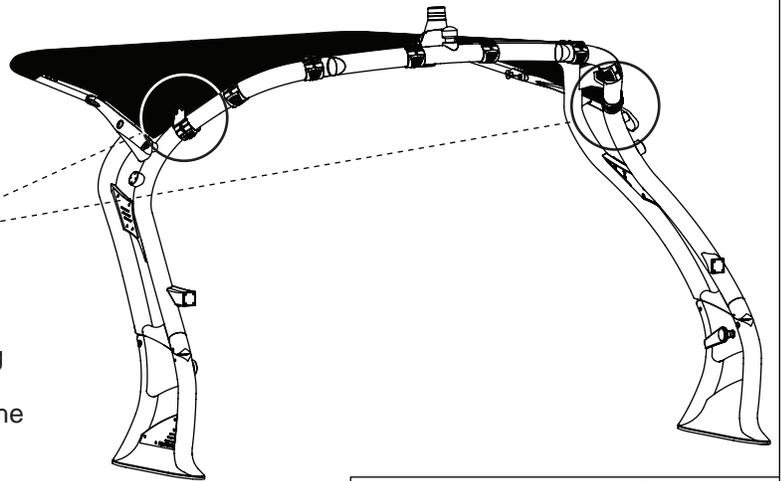
Be sure to pull the outside middle bimini clips away from the newly installed inside middle clips prior to marking the center points. Remember to rotate the outside middle clips until the clip top surface is parallel with the tower geometry.



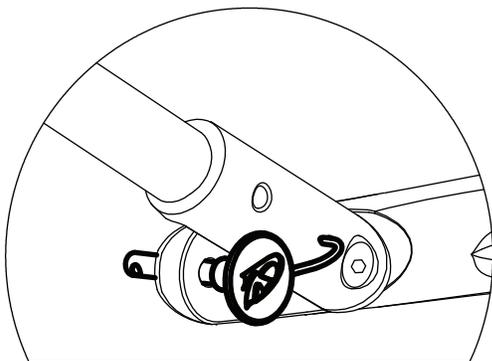
N Fabric-Clips Installation: Step 7

Repeat Steps H, I, J & K for the 2 outer bimini clips illustrated

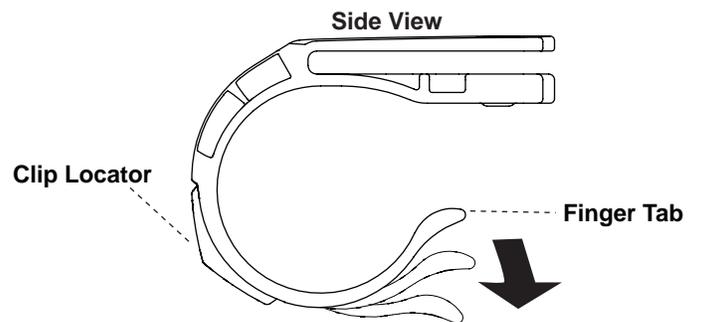
Be sure to pull the outer bimini clips away from the newly installed outside middle clips prior to marking the center points. Remember to rotate the outside middle clips until the clip top surface is parallel with the tower geometry.



O Breaking the Bimini Clip locators off



1 : Remove the folding quick release pins. Rotate the frame upwards and insert the quick release pins into the bimini arm only. This will hold the frame in an up position and reduce tension on the bimini clips. This step is required to properly remove the bimini clips.



2 : Pull on the finger tab located at the bottom of each bimini clip until the clip locator breaks off.

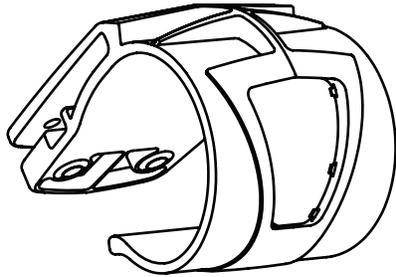
Do not apply excessive force when flexing the clips.



P

How your Bimini Clips now look

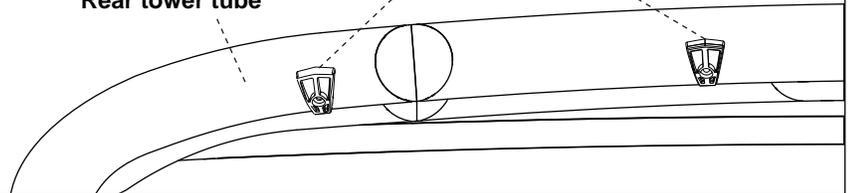
Clips are attached to the bimini Canvas. Bimini Canvas is not illustrated for image clarity



This is how your 6 bimini clips will look after breaking away the clip locators.

This is how the locators will look on the tower after you have broken the clips off.

Rear tower tube
Clip Locators

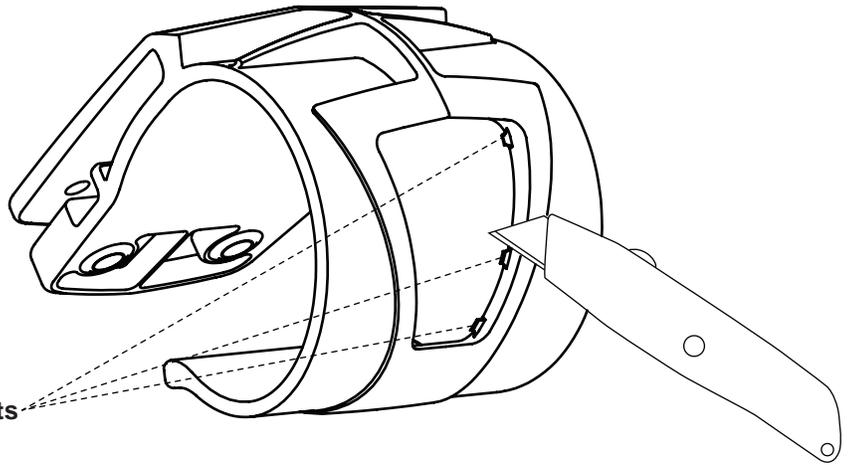
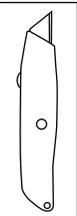


Q

Trimming the locator posts

Clips are attached to the bimini Canvas. Bimini Canvas is not illustrated for image clarity

Unclip all of your bimini clips from the tower. Grab a sharp utility knife and carefully cut away the locator posts on each bimini clip. There are 6 on each bimini clip. When trimming the posts always cut away from yourself and the tower.

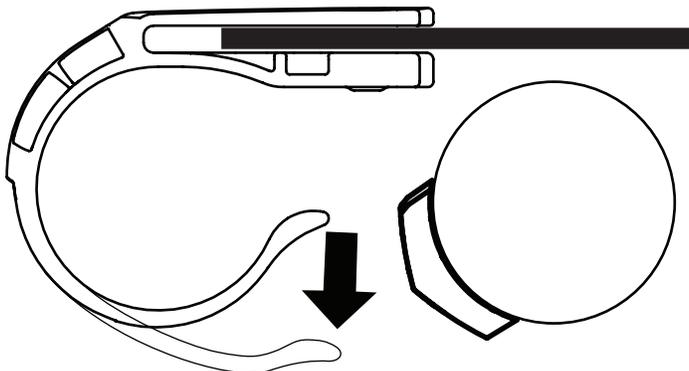


Locator Posts

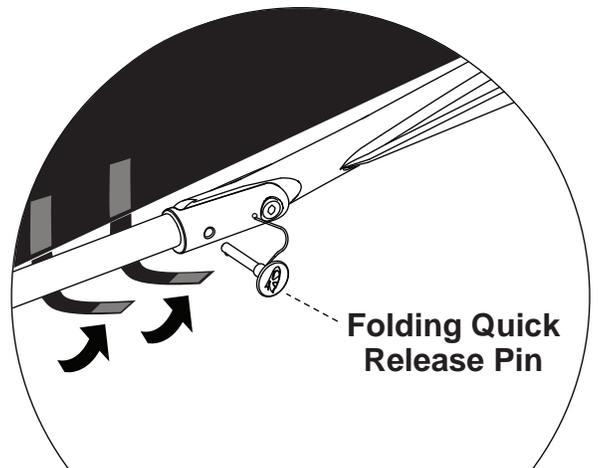
R

Final Steps

1 : Re-clip all of your bimini clips to the tower. Use the finger tab to flex the clips over the tubing.



2 : Insert the 2 folding quick release pins to lock your bimini frame in place. Loop the 4 Bimini fabric loops around the frame and Velcro.



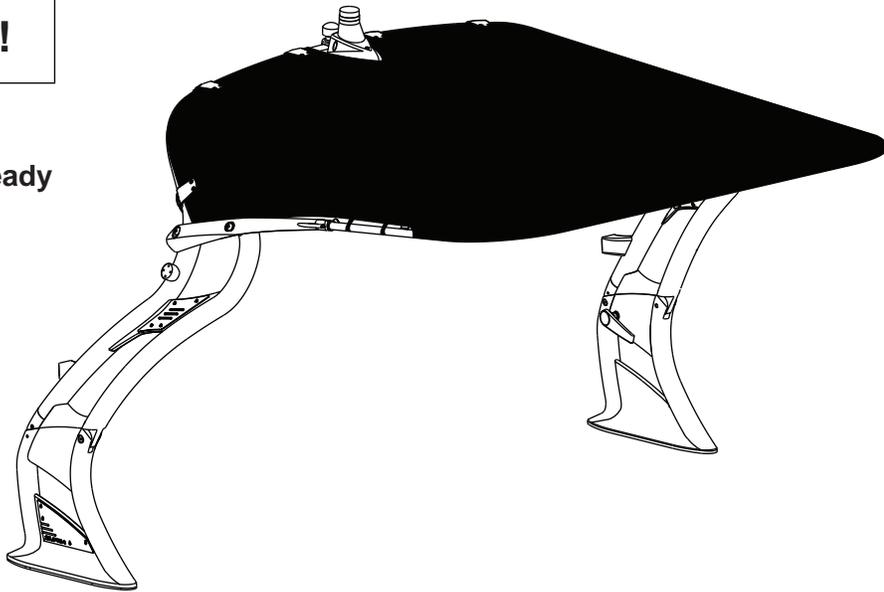
Folding Quick Release Pin



S

Happy Boating!!

**Your bimini is now ready
for use.**

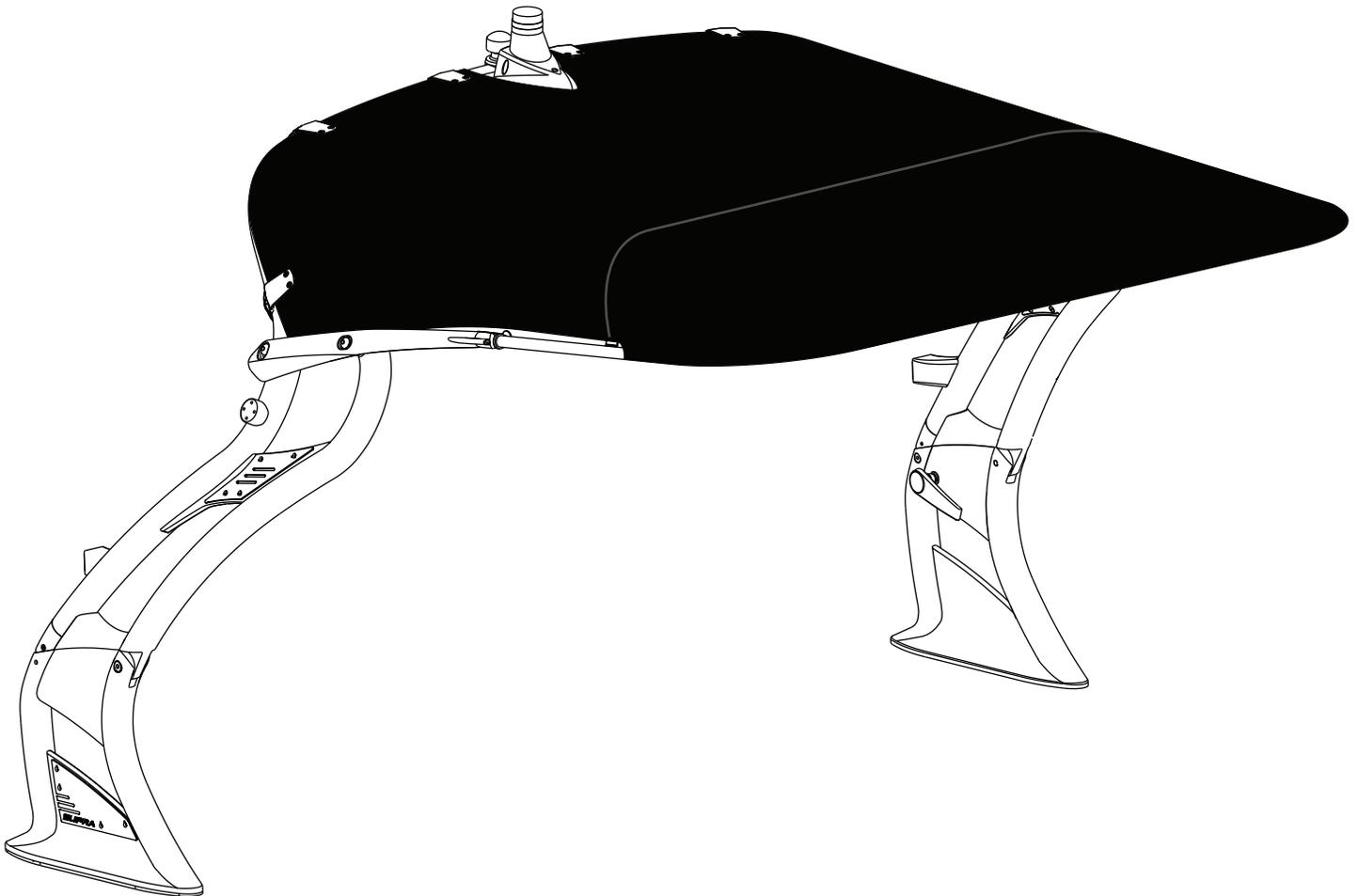


Important

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.

⚠ Attention ⚠

Using your bimini clips in freezing or near freezing temperatures is NOT recommended. Failure to do so will result in broken bimini clips. Damage to parts from improper use is not covered under warranty.



www.roswellwakeair.com

Information: info@roswellwakeair.com

Warranty: warranty@roswellwakeair.com

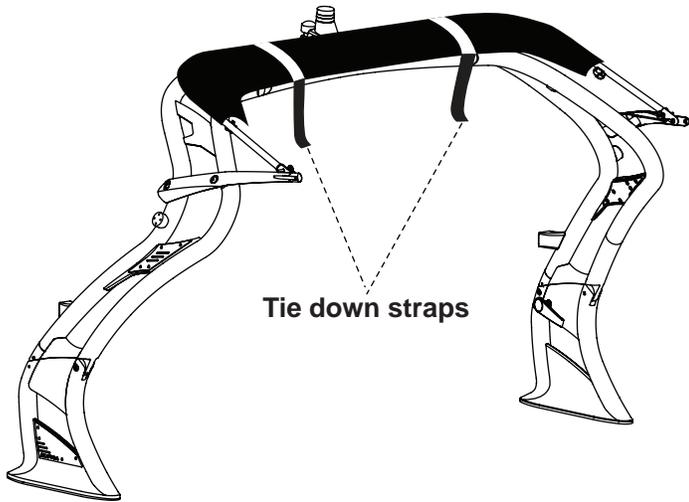
If you have any questions please call : 1-855-962-WAKE(9253)



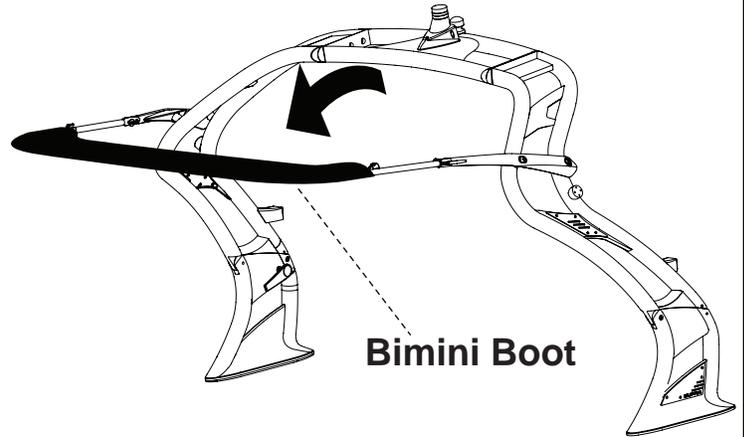
A

Unfolding your Supra Tower Bimini

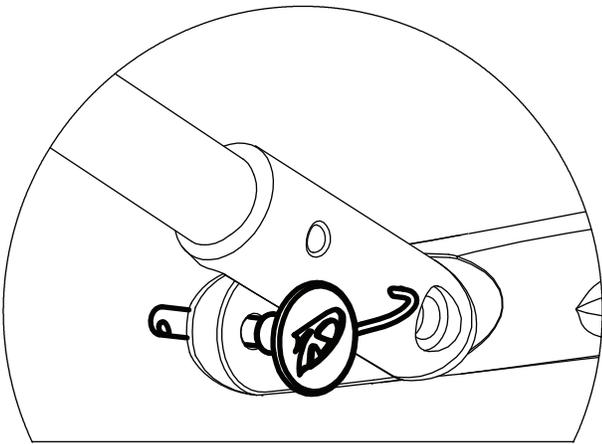
1 : Undo the 2 straps that secure the bimini to your tower.



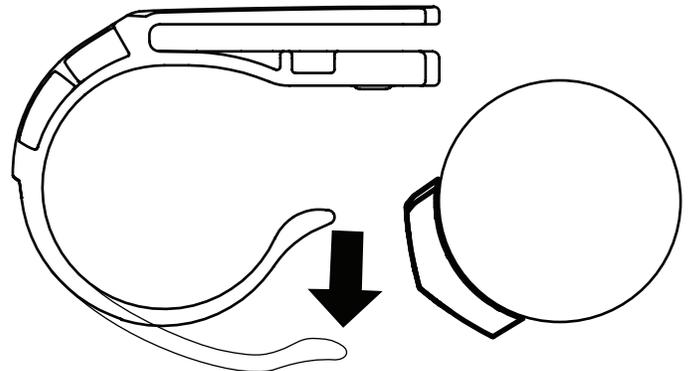
2 : Unfold the frame from the tower and insert the quick release pins to hold the frame up. Unzip the bimini boot from the bimini frame. Unroll your fabric, clips and middle bow.



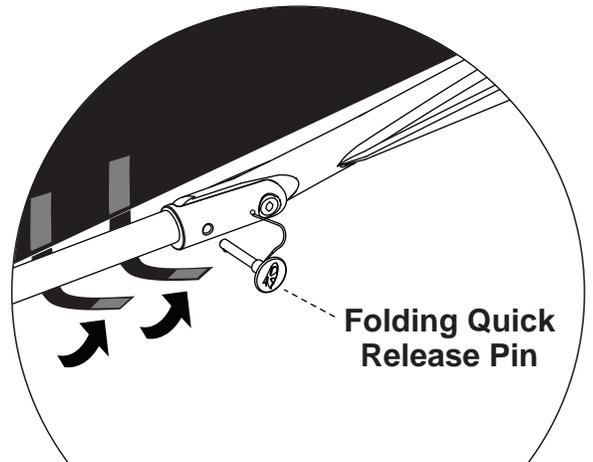
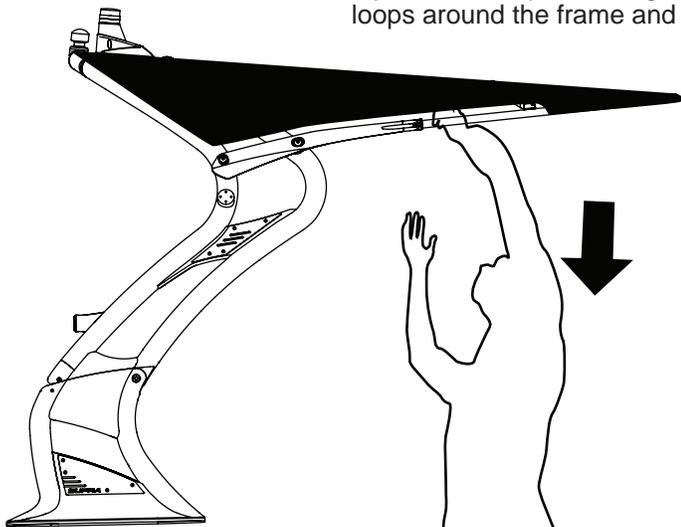
3 : Remove the quick release pins and rotate the frame upwards. Re-insert the quick release pins into the bimini arm only. Rotate the bimini frame down until it rests on the quick release pins as illustrated



4 : Clip all of your bimini clips to the tower. Use the finger tab to flex the clips over the tubing.



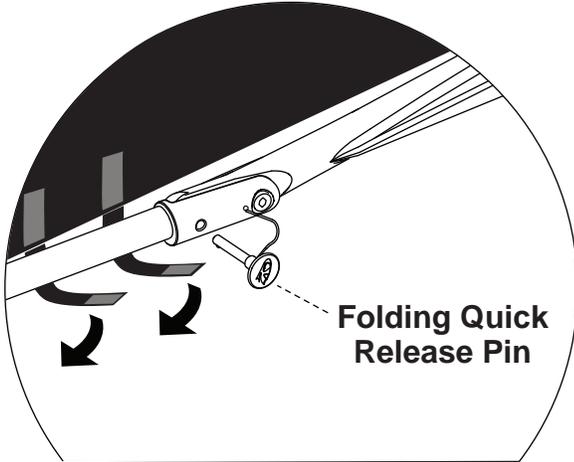
5 : Remove your 2 quick release pins from your bimini arms. Pull down lightly on the bimini frame and re-insert the quick release pins through the bimini frame and arms. Loop the 4 Bimini fabric loops around the frame and Velcro. Your Bimini is ready to use.



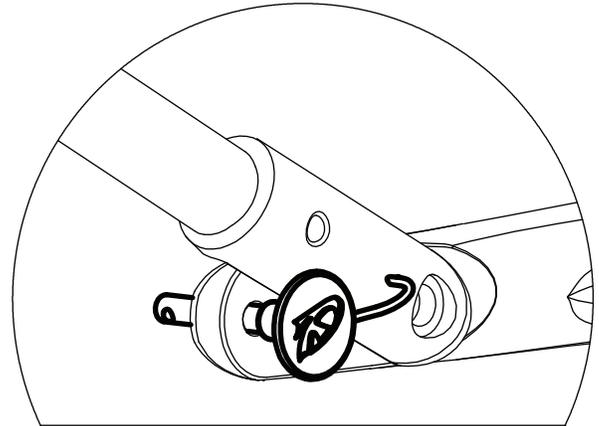
B

Folding up your Supra Tower Bimini

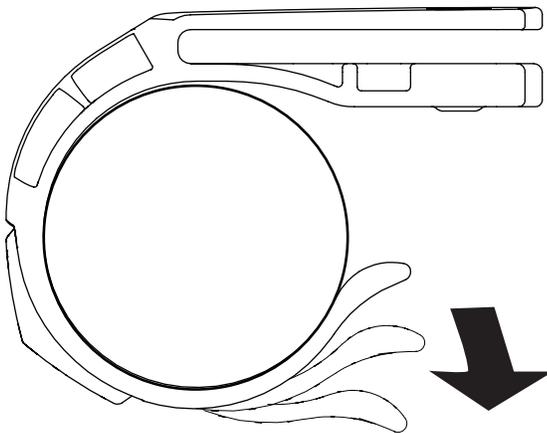
1 : Remove your 2 folding quick release pins and undo the 4 Velcro loops.



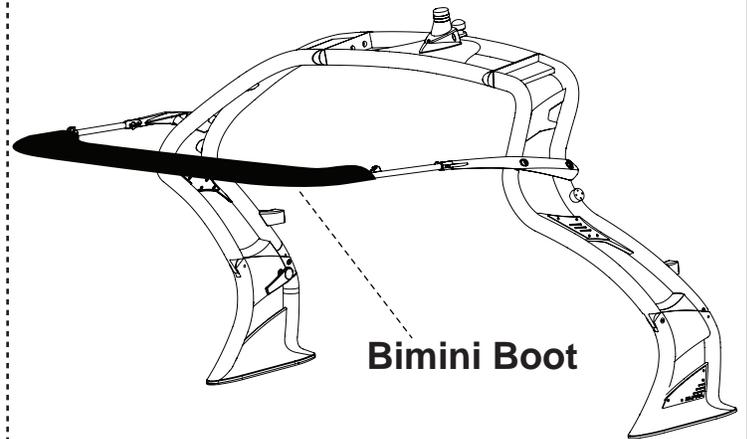
2 : Rotate the frame upwards and insert the quick release pins into the bimini arm only.



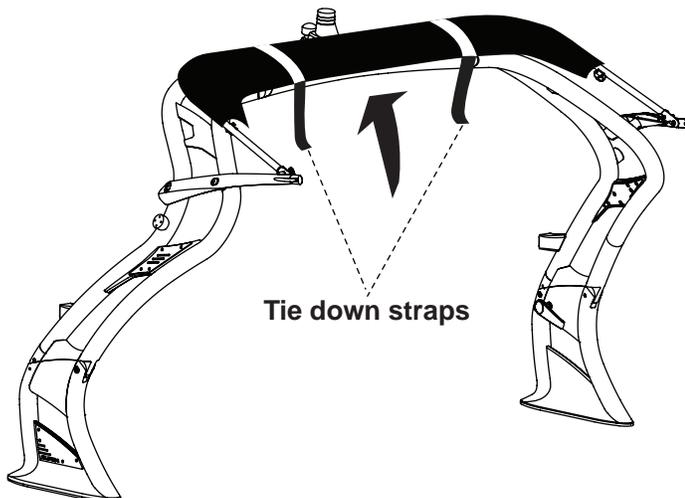
3 : Un-clip all of your bimini clips from the rear tower tube.



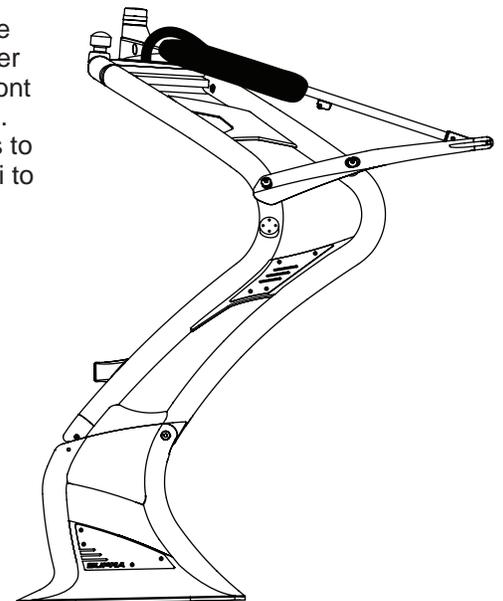
4 : Fold the middle bow toward the front bow and wrap the fabric and clips around both bows. Zip the bimini boot over the bows and fabric.



5 : Fold the bimini towards the tower until it rests on top of the tower.

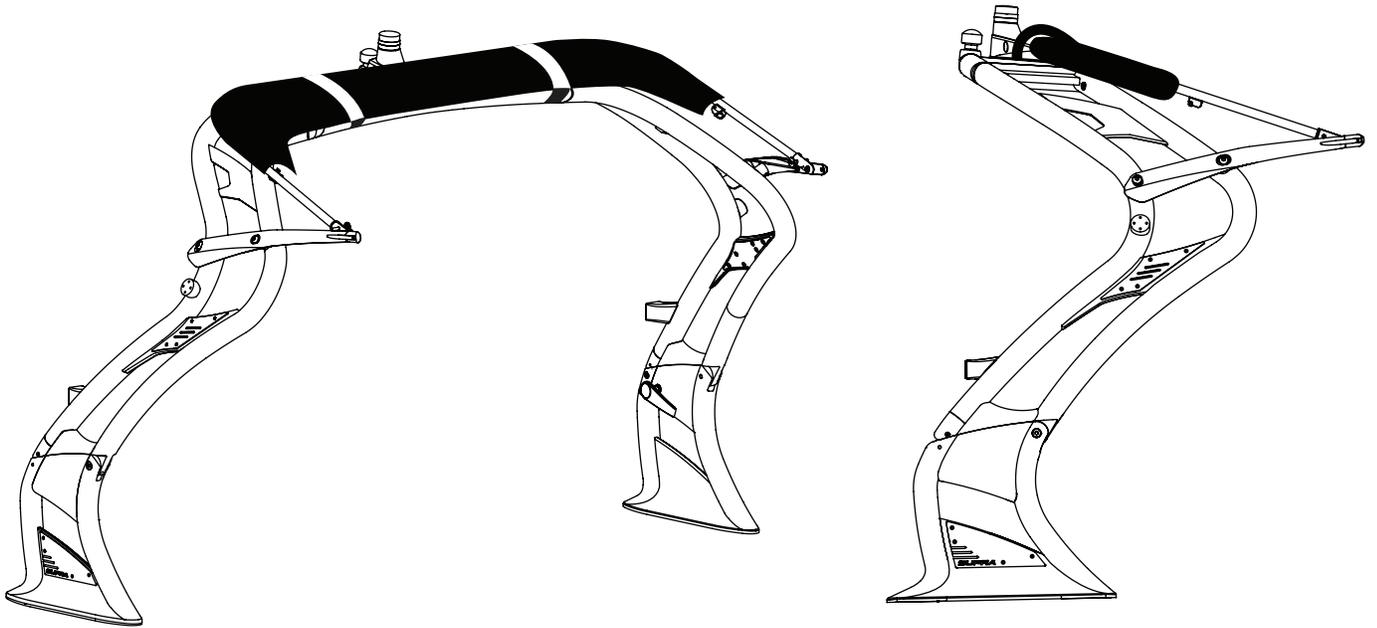


6 : Loop the tie down straps over and under the front tower tube clip. Adjust the straps to tighten the bimini to the tower.



C

Tower folding / Trailering



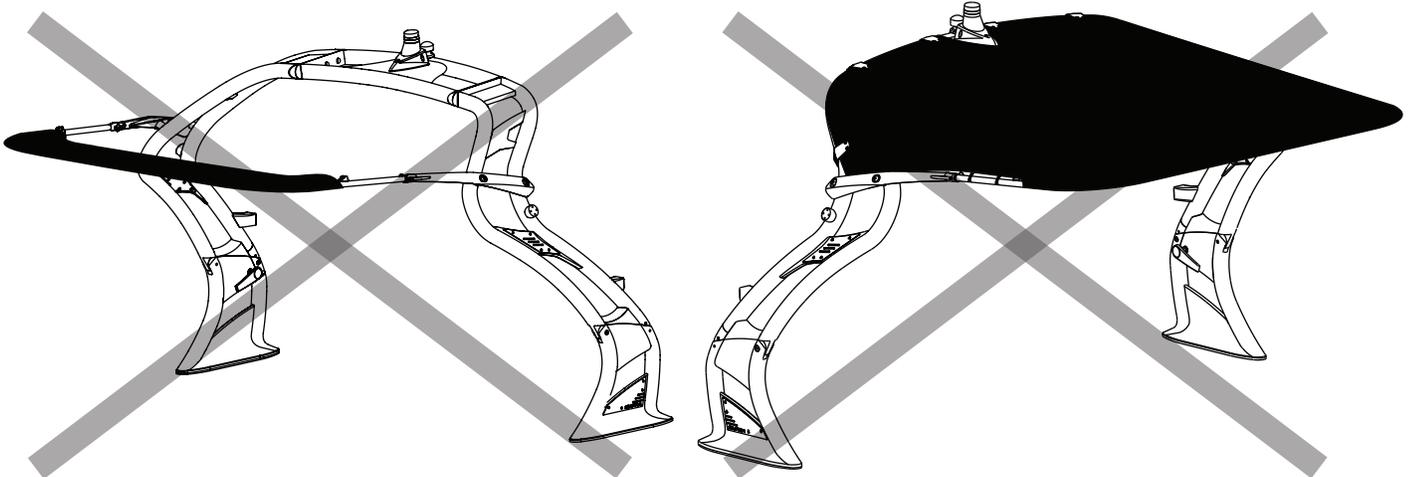
***** Illustrated is the ONLY acceptable way to safely fold your Supra Tower or trailer your Supra boat with the bimini on*****

! 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



D Tightening your Supra Tower Bimini Canvas

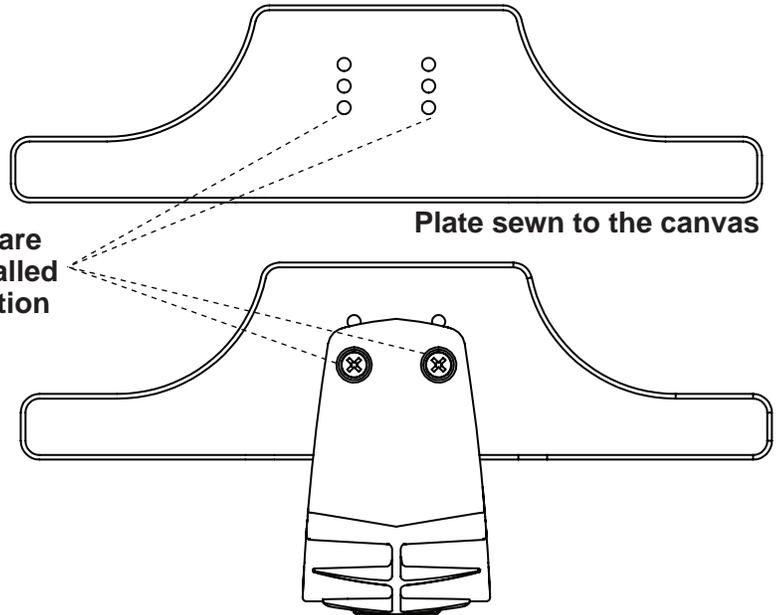
It is normal that your bimini canvas will stretch over time and use. Your Supra Tower Bimini has been designed to allow you to tighten your canvas as needed.

There are 2 ways you can tighten your bimini canvas. You can use method 1, method 2 or a combination of both.

Canvas Tightening method 1

Your bimini clips are mounted to plates that are sewn to your bimini canvas. These plates have 3 sets of holes designed to allow you to move your bimini clip position to achieve a tighter canvas.

Your clips are factory installed in this position



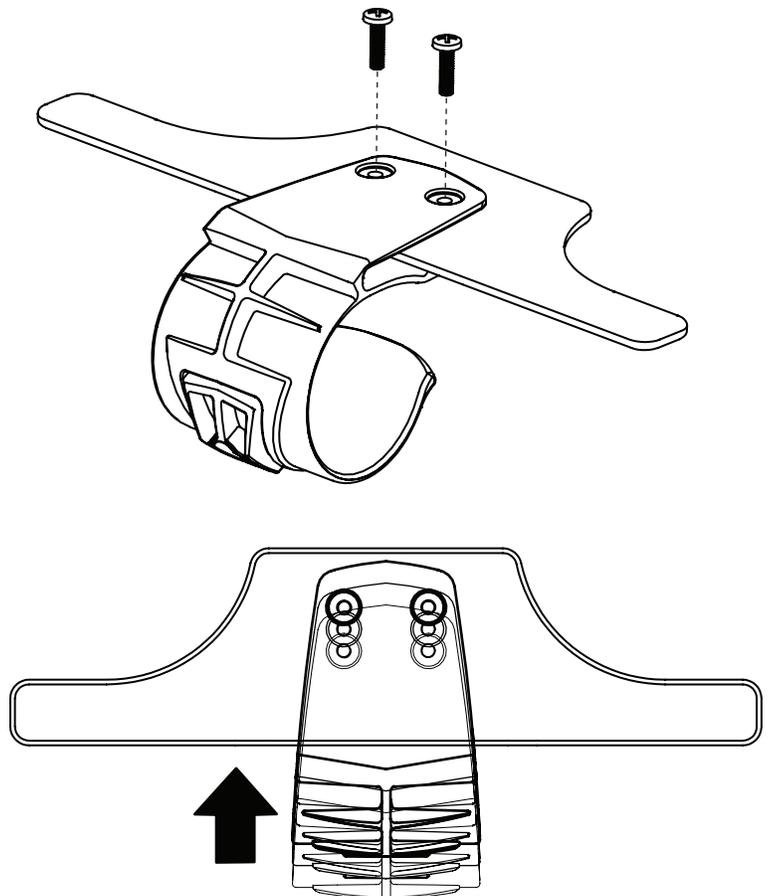
Clips are attached to the bimini Canvas. Bimini Canvas is not illustrated for image clarity

With a Phillips screwdriver, remove the 2 bolts that secure each bimini clip to the canvas. Slide each bimini clip over the new hole set that you would like to install them in.

It is recommended that the clips only be moved 1 hole position at a time.

Once the clip is lined up over the desired holes, re-secure the clips to the canvas using a Phillips screwdriver and the 2 bolts.

Do not overtighten these bolts



Phillips



E Tightening your Supra Tower Bimini Canvas

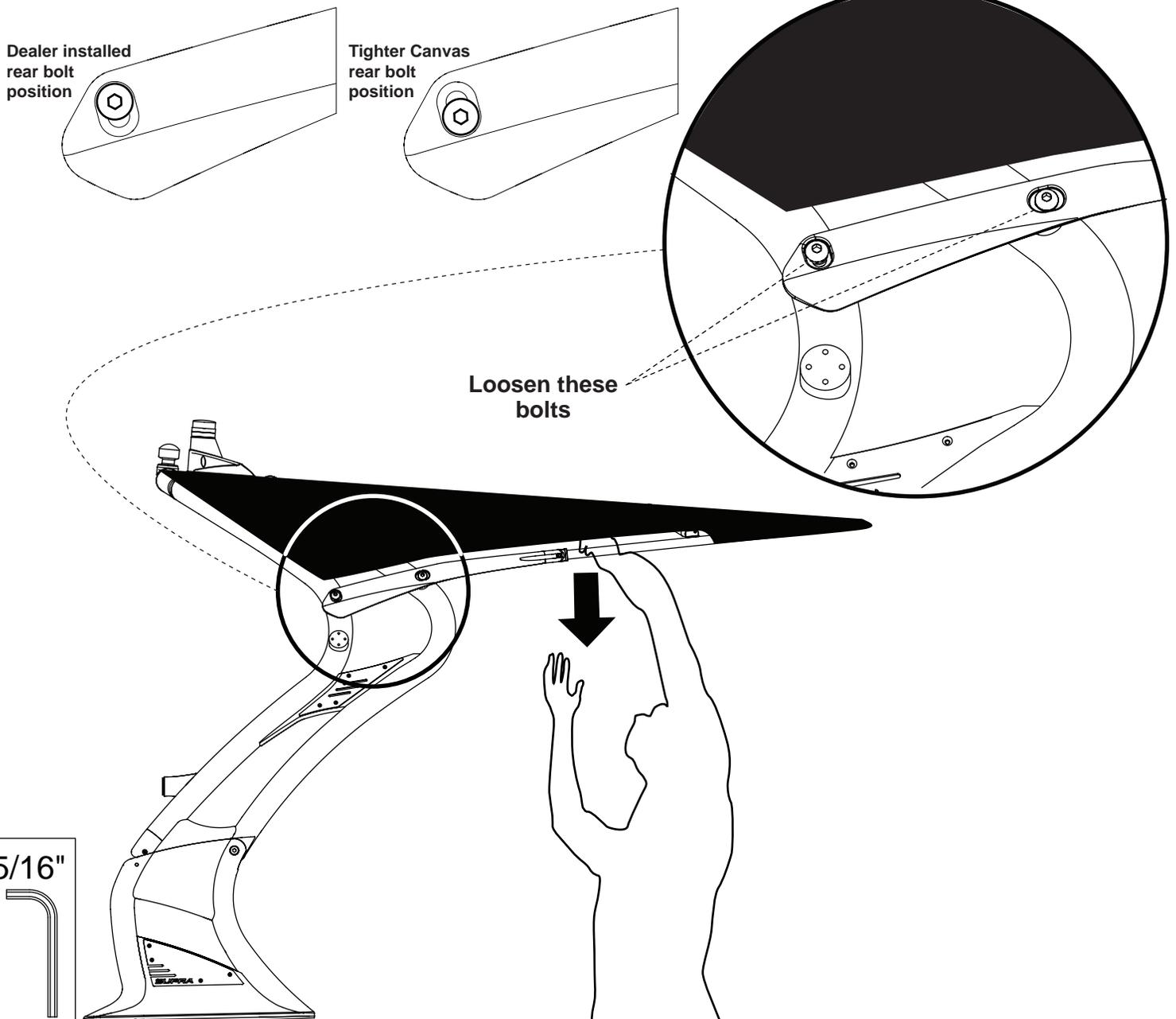
It is normal that your bimini canvas will stretch over time and use. Your Supra Tower Bimini has been designed to allow you to tighten your canvas as needed.

There are 2 ways you can tighten your bimini canvas. You can use method 1, 2 or a combination of both.

Canvas Tightening method 2

This method is best executed with 2 people

Loosen the bimini arm bolts on port and starboard sides. Do not remove the bolts. Once all 4 bolts are loose have a friend lightly pull down on the bimini arms one side at a time. With the arms being pulled down, re-tighten the bimini arm bolts. Repeat on the other side.



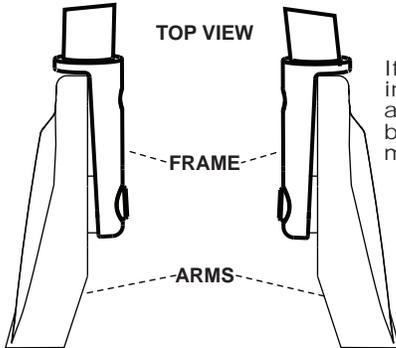
F

Tips and Tricks for your Bimini

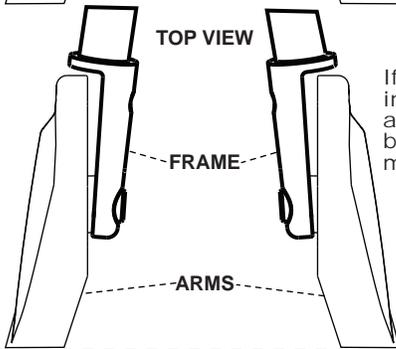
It is normal that there is potentially a slight variation from one tower bimini to another. Listed below are some tips and tricks to ensure that your bimini is installed and functioning properly. This process is not mandatory for all biminis.

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.

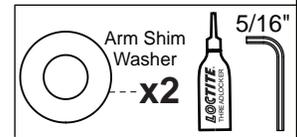
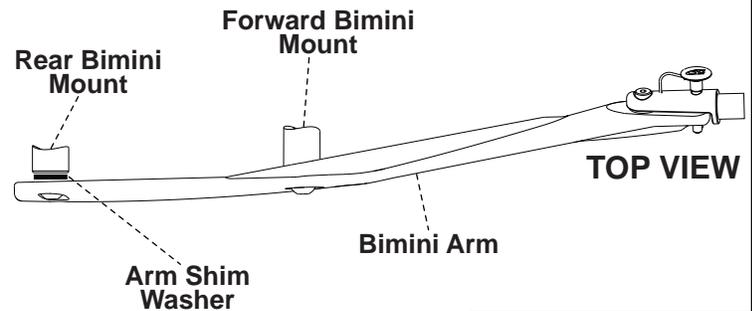


If your bimini looks like this, in Step 2 you will need to add arm shim washers between the forward bimini mounts and your bimini arms

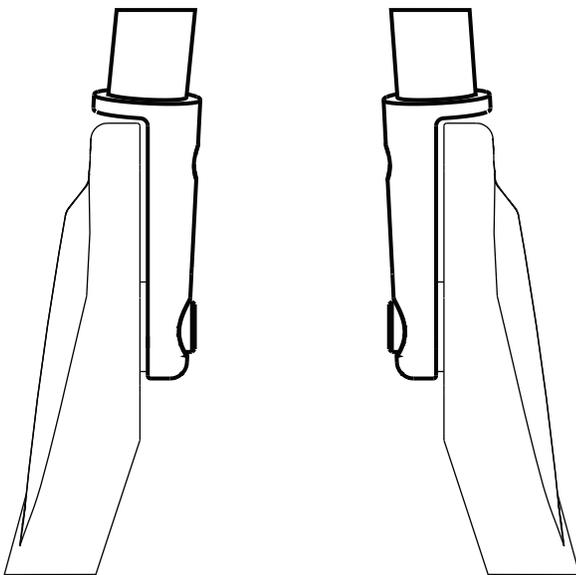


If your bimini looks like this, in Step 2 you will need to add arm shim washers between the rear bimini mounts and your bimini arms

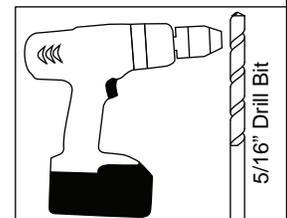
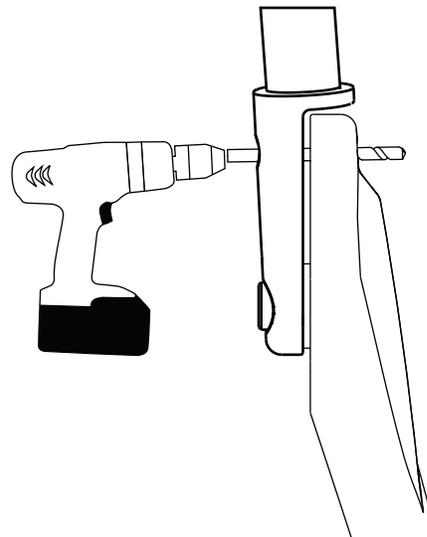
2 : Grab the 2 Arm Shim Washers that were provided with your bimini arm box. Choose one side of your tower to work on first. Determine which bimini mount the arm shim washers will need to be installed on. Completely remove the bolt and washers that secure the bimini arm to your chosen bimini mount. Loosen 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



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

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