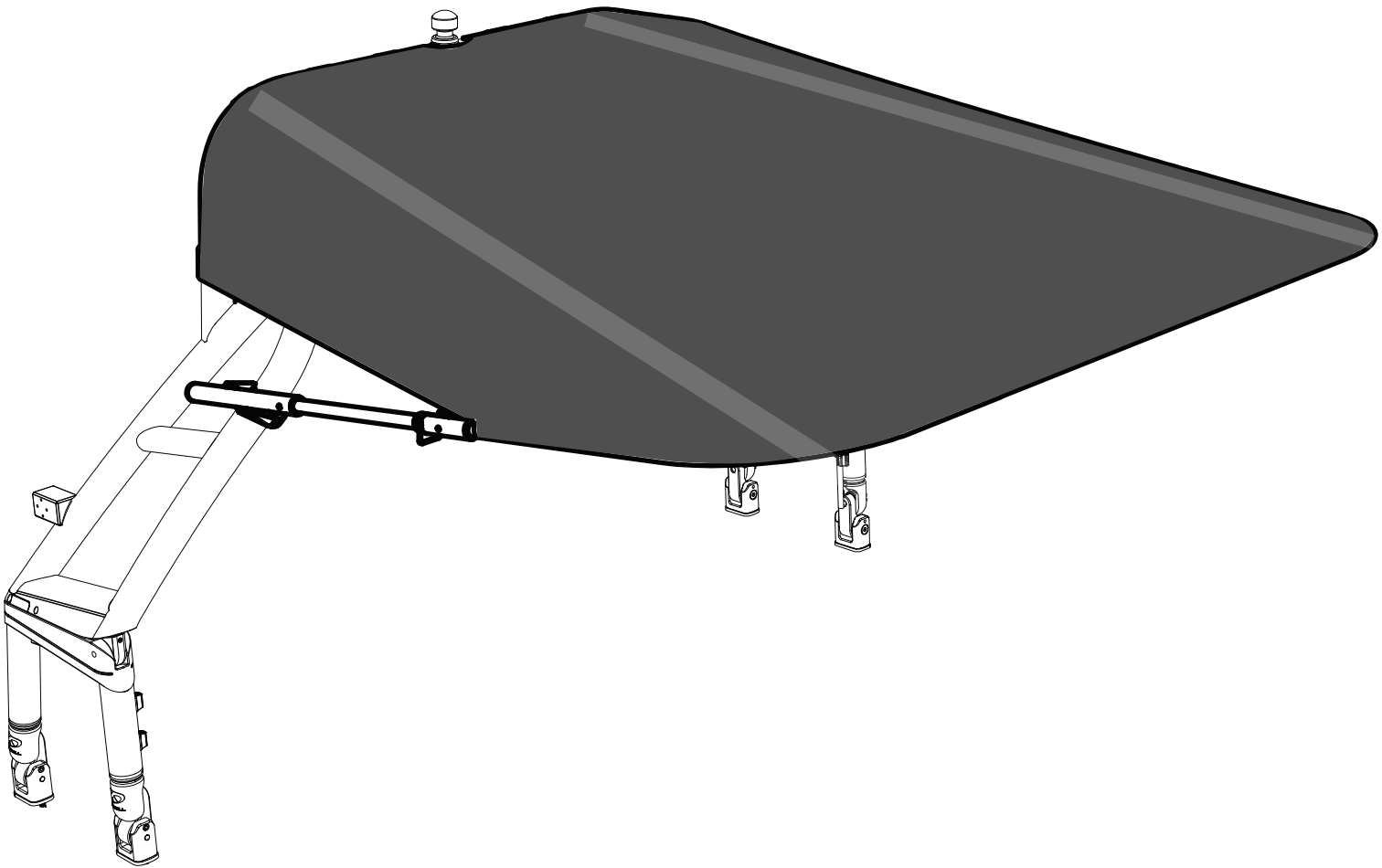


ROSWELL.



Roswell Aviator Soft Top Bimini Installation Instructions

C910-2025 & C910-2026

Rev. 12-Aug-15

www.roswellwakeair.com

Information: info@roswellwakeair.com

Warranty: warranty@roswellwakeair.com

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



SETUP

Prepare your workspace:

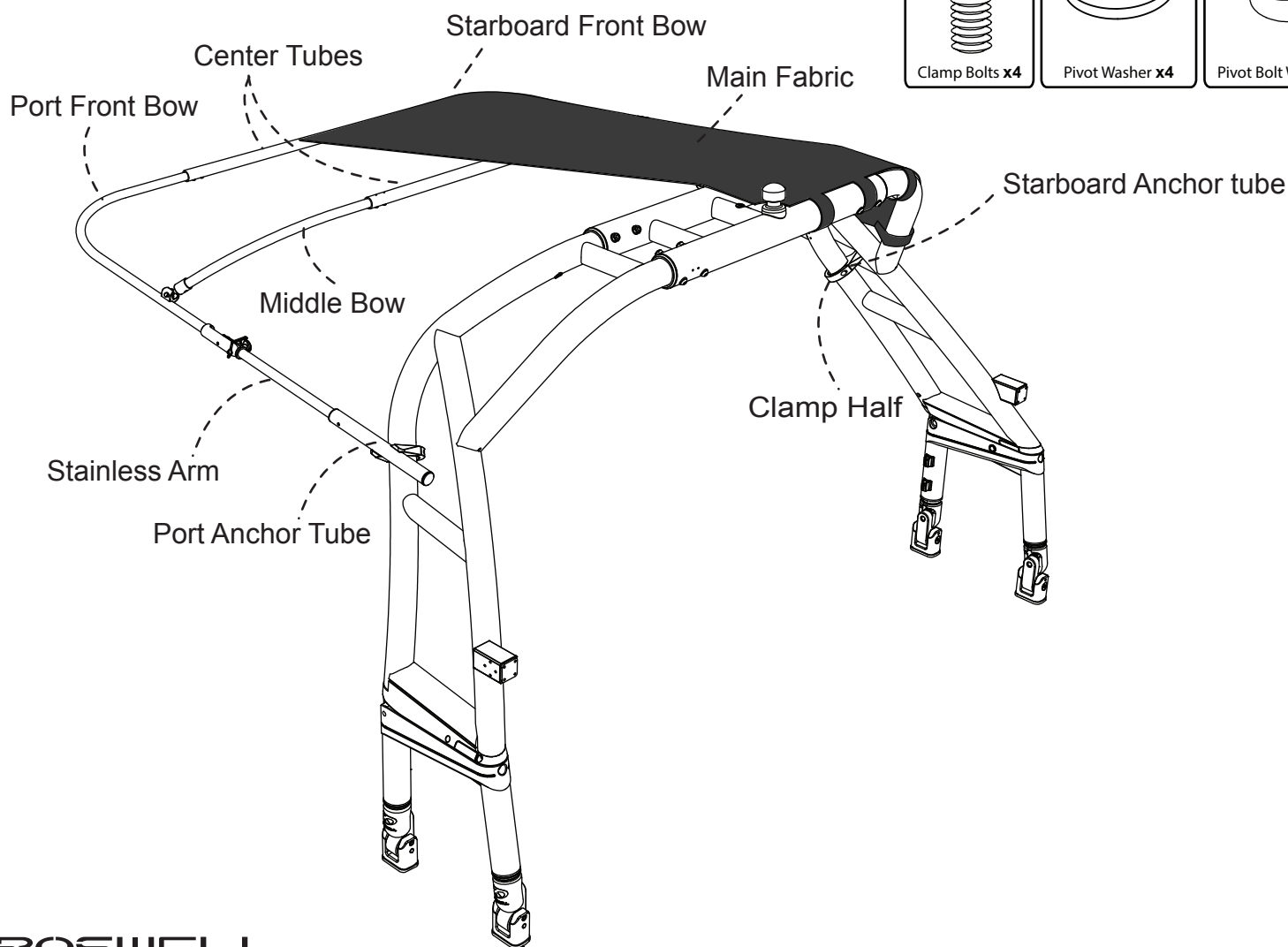
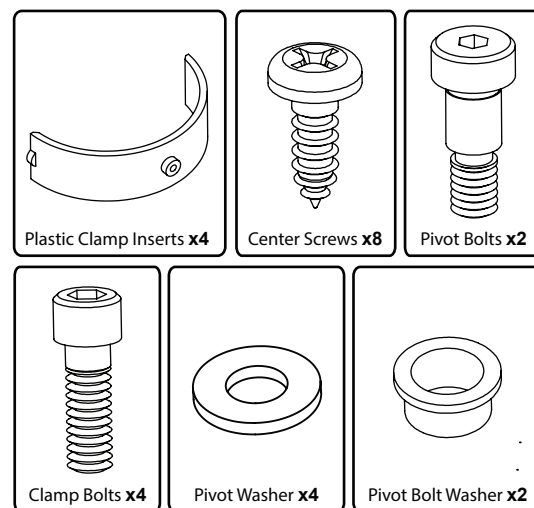
Clear a setup area near the boat. Make sure there is an unobstructed path from the boat to the setup area. We suggest unwrapping the Soft Top Bimini on a dropcloth to prevent damaging or scratching the finish. Be careful to avoid marking or scratching the bimini components when removing its packaging. As you unpack each part, carefully lay them on the dropcloth.

Soft Top Bimini Main Components:

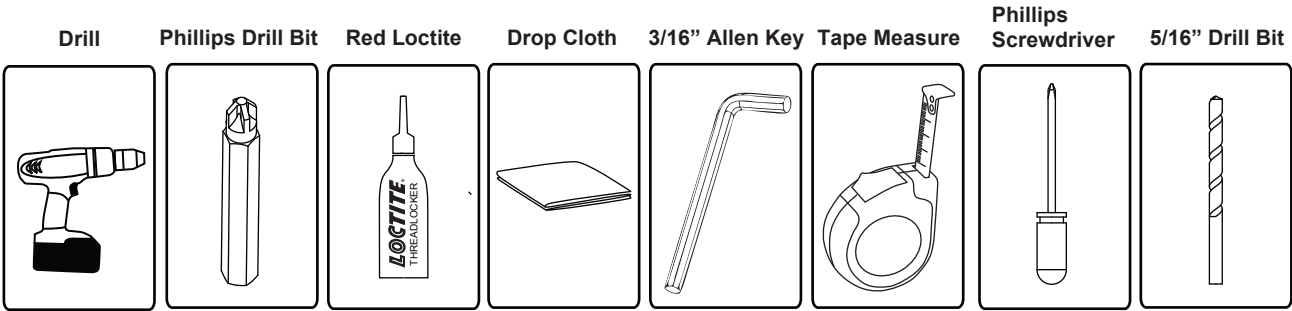
There are 9 main components to the Soft Top Bimini:

1. Port Front Bow
2. Starboard Front Bow
3. Middle Bow (x2)
4. Center Tubes (x2)
5. Stainless Arms with pivot fittings (x2)
6. Port Anchor Tube
7. Starboard Anchor Tube
8. Clamp half (x2)
9. Main Fabric and Fabric Boot

Additional Parts and Hardware:



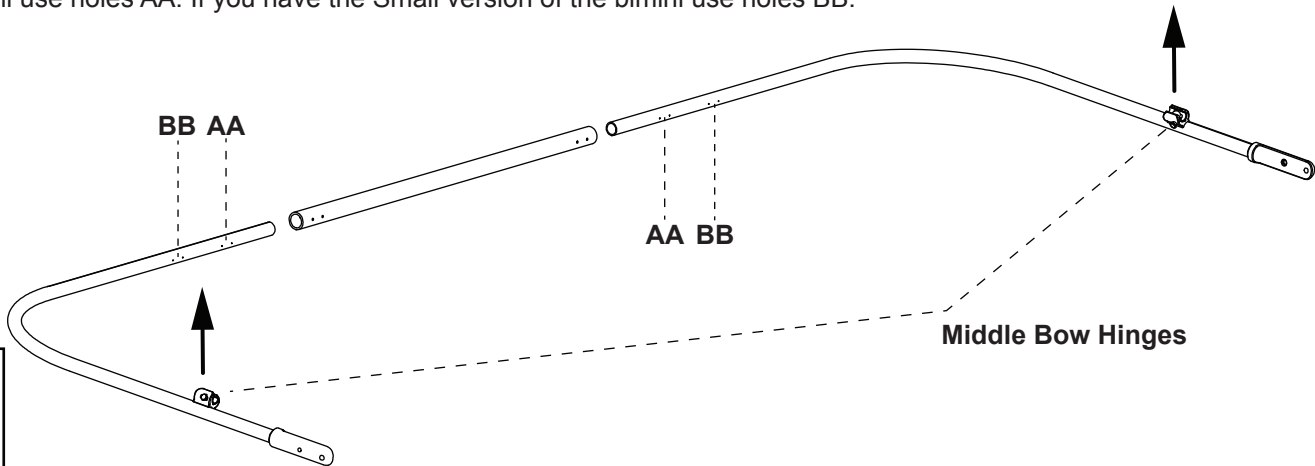
Tools you will need:



Roswell strongly recommends 2 people to install your Aviator Soft Top Bimini. Failure to do so may result in injury and/or damaged parts. Damaged parts due to improper assembly are not covered under warranty.

A

After unwrapping all of the bimini components from the packaging, lay out the 2 front bows and a center between them on a drop cloth. Arrange the front bows such that the middle bow hinge is facing upward on both sides. Align the 2 front bows with the center bow using the appropriate set of holes on the front bows. If you have the Large version of the bimini use holes AA. If you have the Small version of the bimini use holes BB.

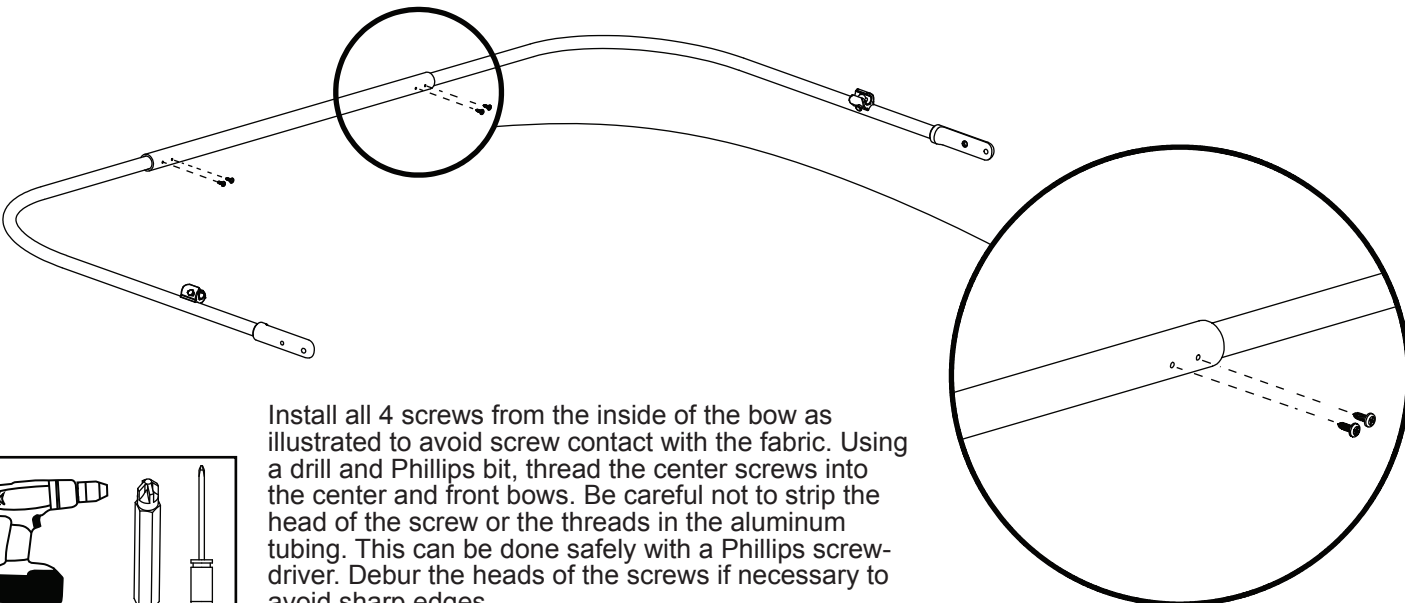


BB AA

AA BB





Middle Bow Hinges

B



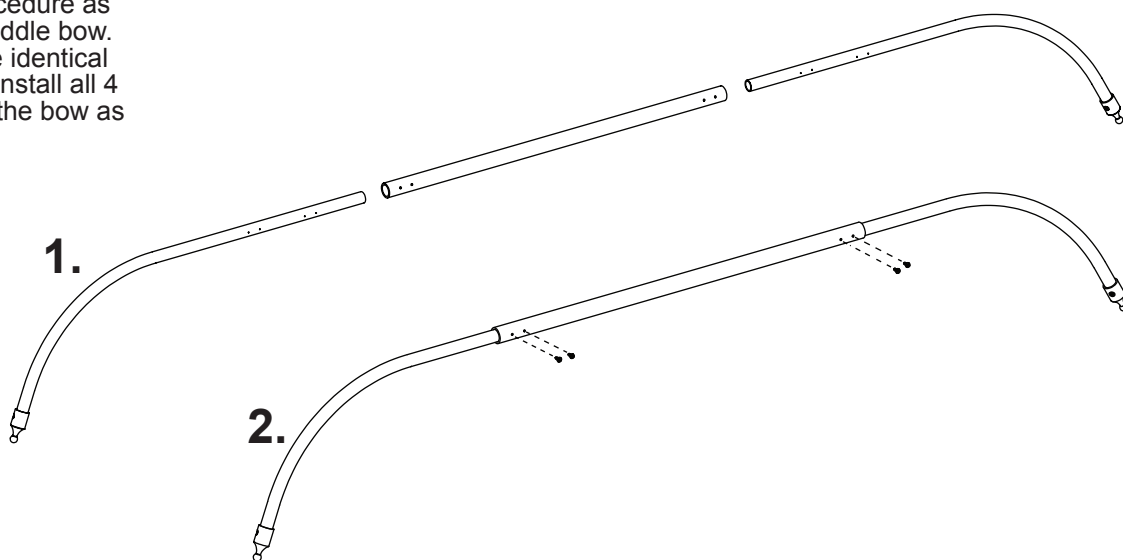
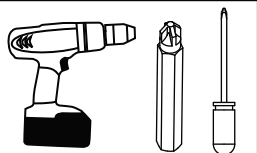
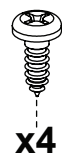
Install all 4 screws from the inside of the bow as illustrated to avoid screw contact with the fabric. Using a drill and Phillips bit, thread the center screws into the center and front bows. Be careful not to strip the head of the screw or the threads in the aluminum tubing. This can be done safely with a Phillips screwdriver. Debur the heads of the screws if necessary to avoid sharp edges.

x4



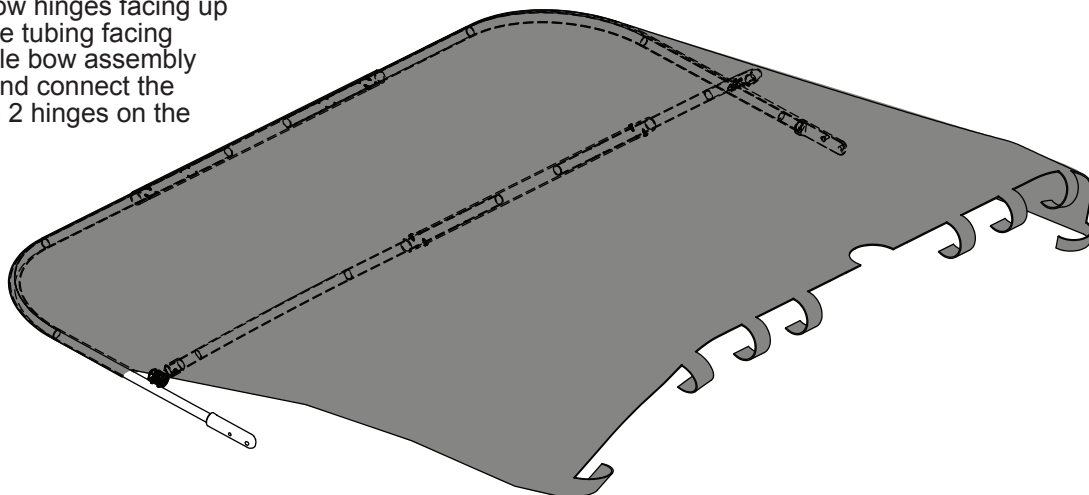
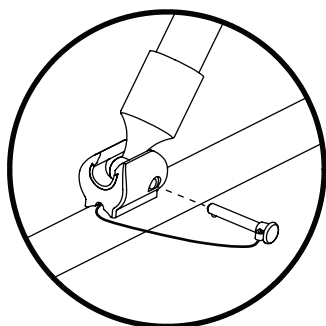
C

Repeat the same procedure as Steps A & B on the middle bow. Both middle bows are identical and not side specific. Install all 4 screws on one side of the bow as illustrated



D

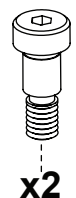
Slide the canvas over your front bow assembly as shown with the middle bow hinges facing up and the fabric sleeves for the tubing facing down. Next, slide your middle bow assembly through the middle sleeve and connect the middle bow assembly to the 2 hinges on the front bow.



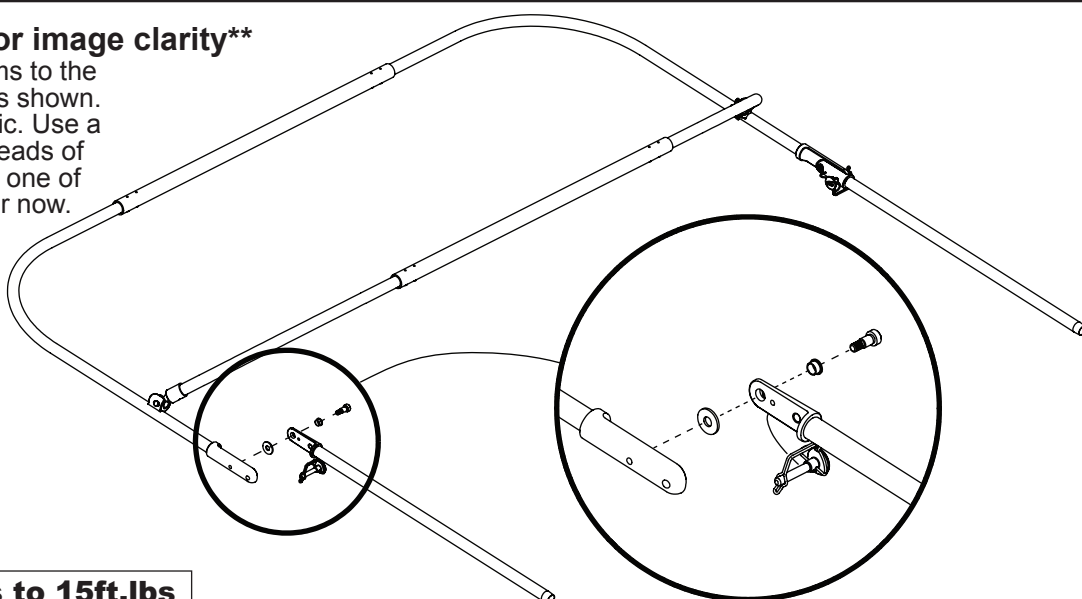
E

****Canvas not shown for image clarity****

Assemble the 2 stainless arms to the frame and fabric assembly as shown. The arms are not side specific. Use a drop of red Loctite on the threads of each of the 2 bolts. Only use one of the pivot washers per side for now.



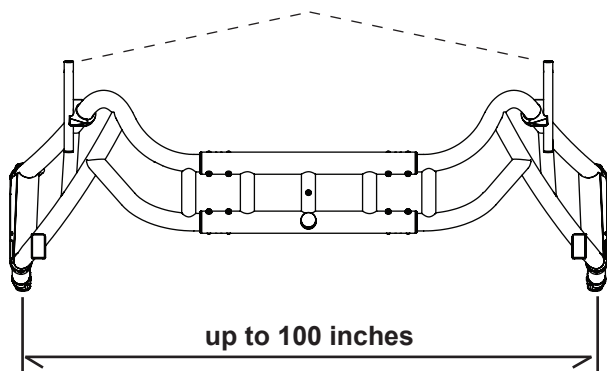
Torque bolts to 15ft.lbs



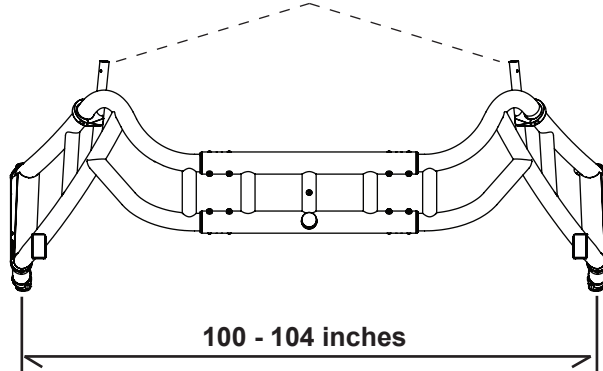
F

Depending on the beam width of your tower you will need to install your anchor tubes in 1 of 2 ways. Anchor tubes on the outside of the tower for beam widths up to 100 inches. Anchor tubes on the inside of the tower for beam widths between 100 and 104 inches.

Anchor tubes on the outside



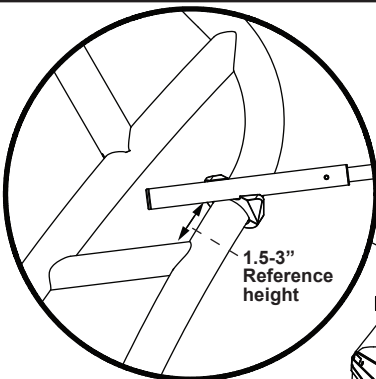
Anchor tubes on the inside
(Anchor tubes must swap sides of the tower)



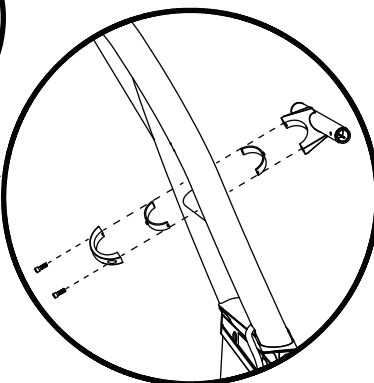
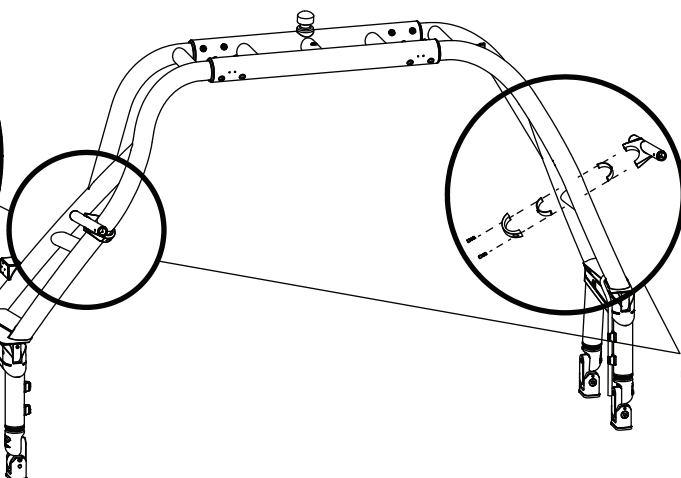
G

x4

x4



1.5-3"
Reference
height

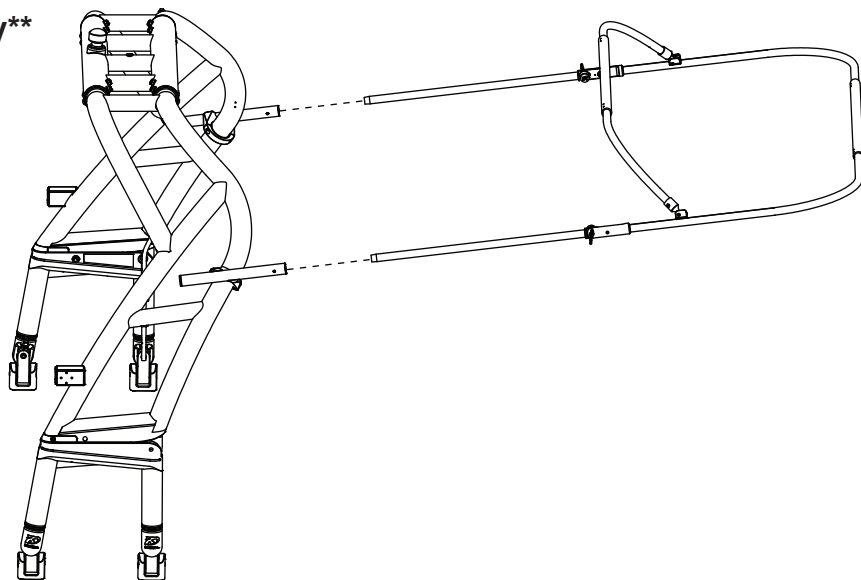


Loosely assemble the anchor tubes to the tower. (Anchor tubes on the outside shown). Tighten enough that the anchor tubes hold their position forward. Add a drop of red loctite to each bolt before assembly.

H

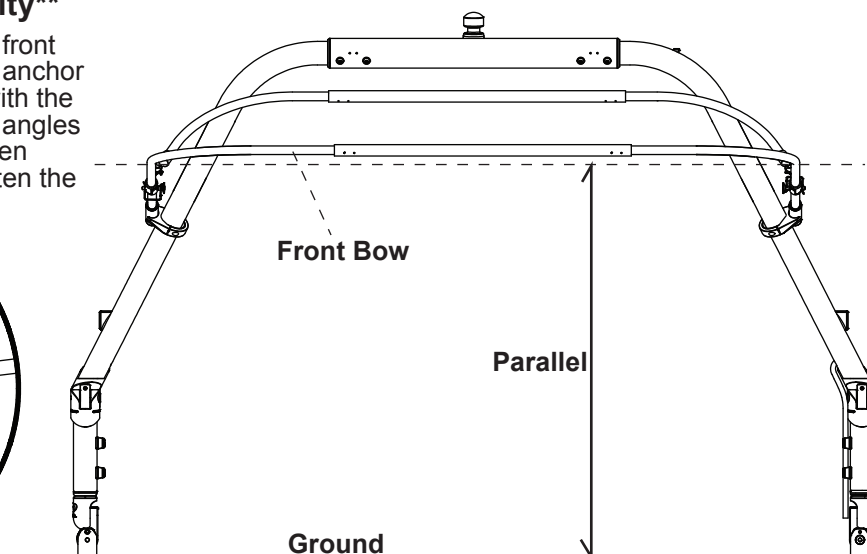
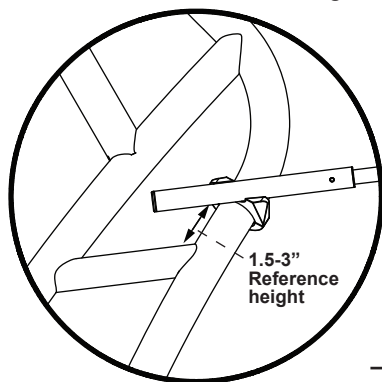
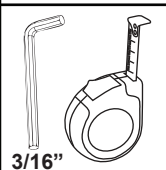
****Canvas not shown for image clarity****
2 people required for this step

With one person on each side of the frame and canvas, slide the stainless arms into the anchor tubes on each side. This is where you may have to adjust the angle of the anchor tubes that were left loose in the previous step. Make sure the stainless arms are bottomed out in the Anchor tubes.

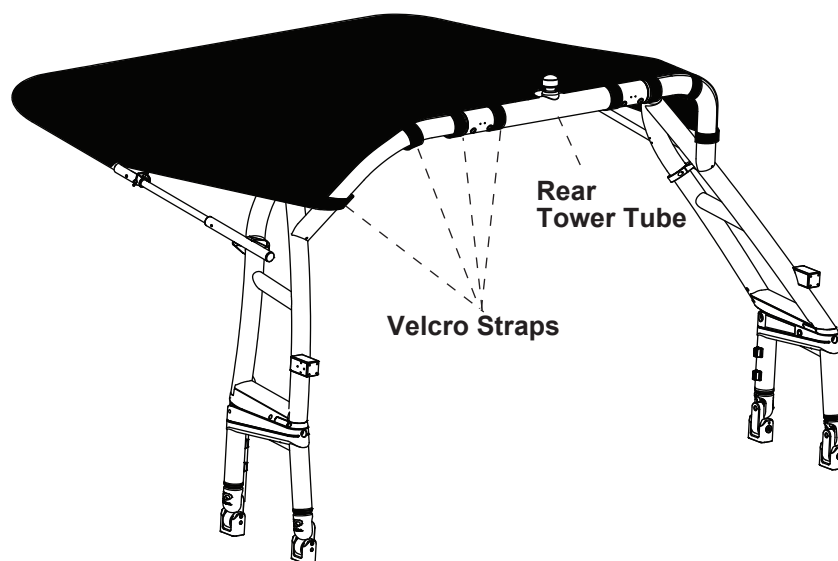


I****Canvas not shown for image clarity****

With the frame in the anchor tubes, level the front bow by adjusting the angle and height of the anchor tubes. Do this until the front bow is parallel with the ground, the anchor tubes are at symmetrical angles and the anchor tube reference height has been achieved and is identical on both sides. Tighten the clamp bolts.

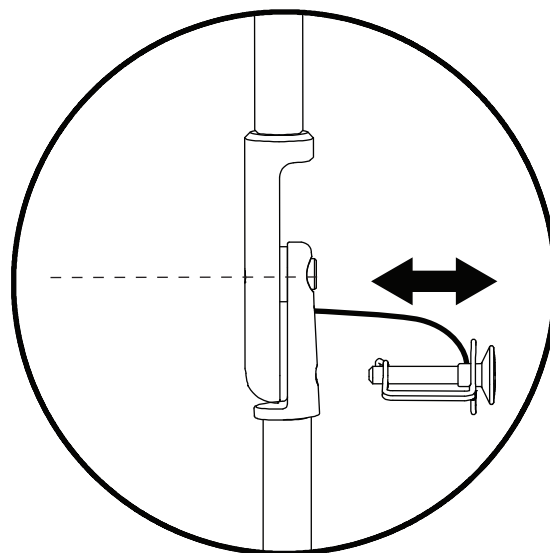
**J**

Place the fabric over the tower and secure it along the rear tower tube using the 8 Velcro straps. For optimal fabric fit you should attach the Velcro straps starting with the center ones and working your way to the outer ones.

**K**

Test your quick release pins on both sides of the bimini by removing and re-inserting each pin a few times. We recommend this be done with the Velcro straps released. If either is difficult to remove and/or re-insert please proceed to the next page for troubleshooting.

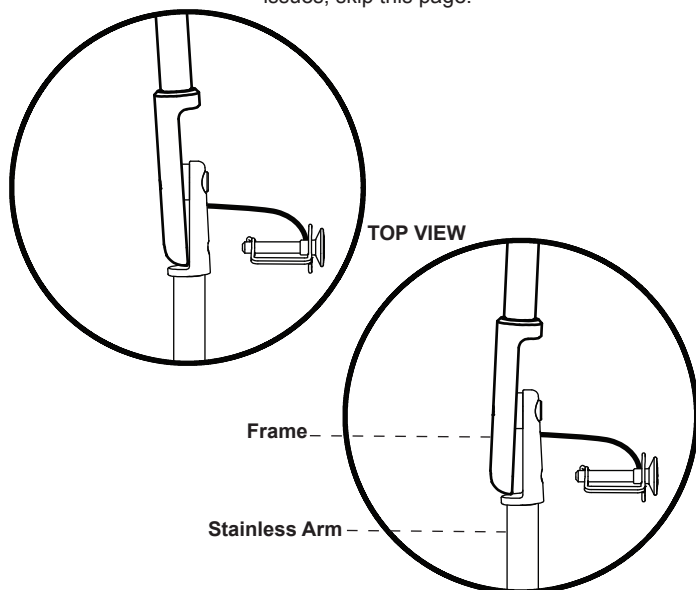
You're done! Happy Boating!



L

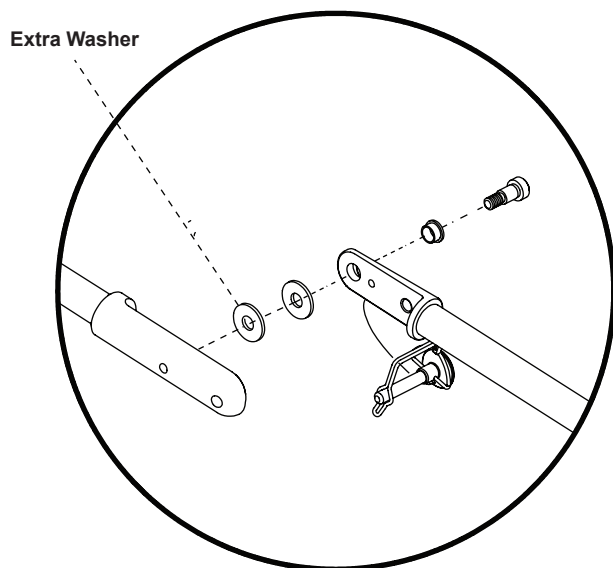
It is normal that there is potentially a slight variation from one tower bimini to another. Listed below are tips to ensure that your bimini quick release pins function properly. This process is not mandatory for all biminis.

1 : It is possible that once your bimini is installed your frame and stainless arms are not parallel where they pivot. This could make inserting and removing your quick release pins difficult or be causing a minor interference between the frame and stainless arms. If you are not experiencing any issues, skip this page.

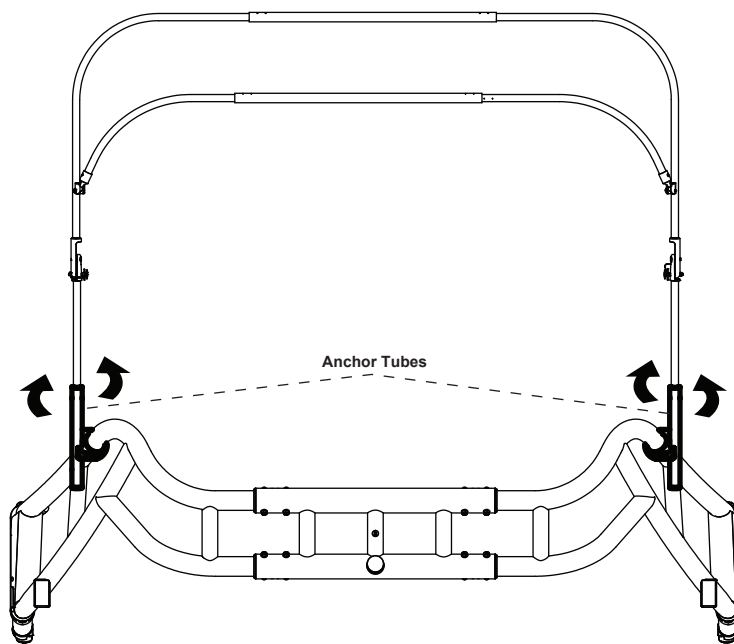


If your bimini looks like this and you cannot easily insert/remove your quick release pins proceed to Step 2.

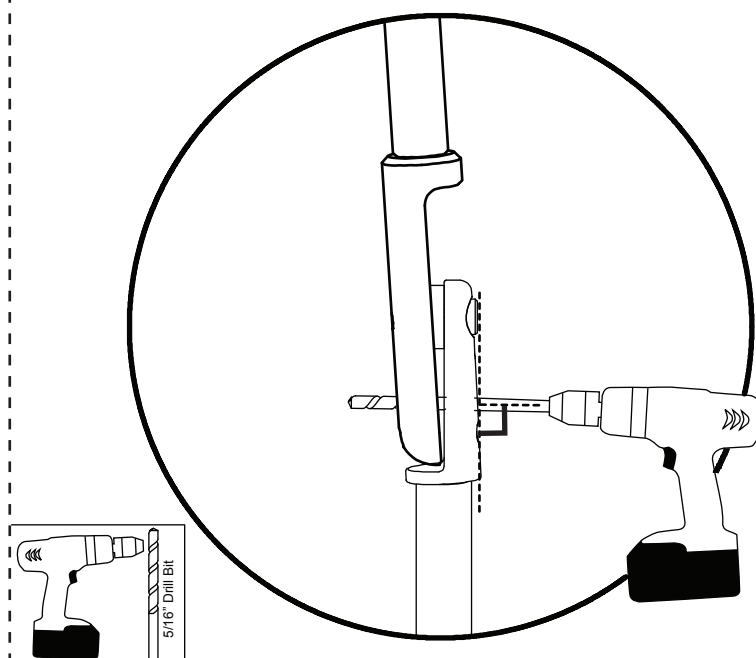
3 : Occasionally this problem can be solved by adding the 2 extra pivot washers provided with your Aviator bimini. Stack the extra washer on each side with the existing one, re-apply a drop of red Loctite to the bolts and re-tighten.



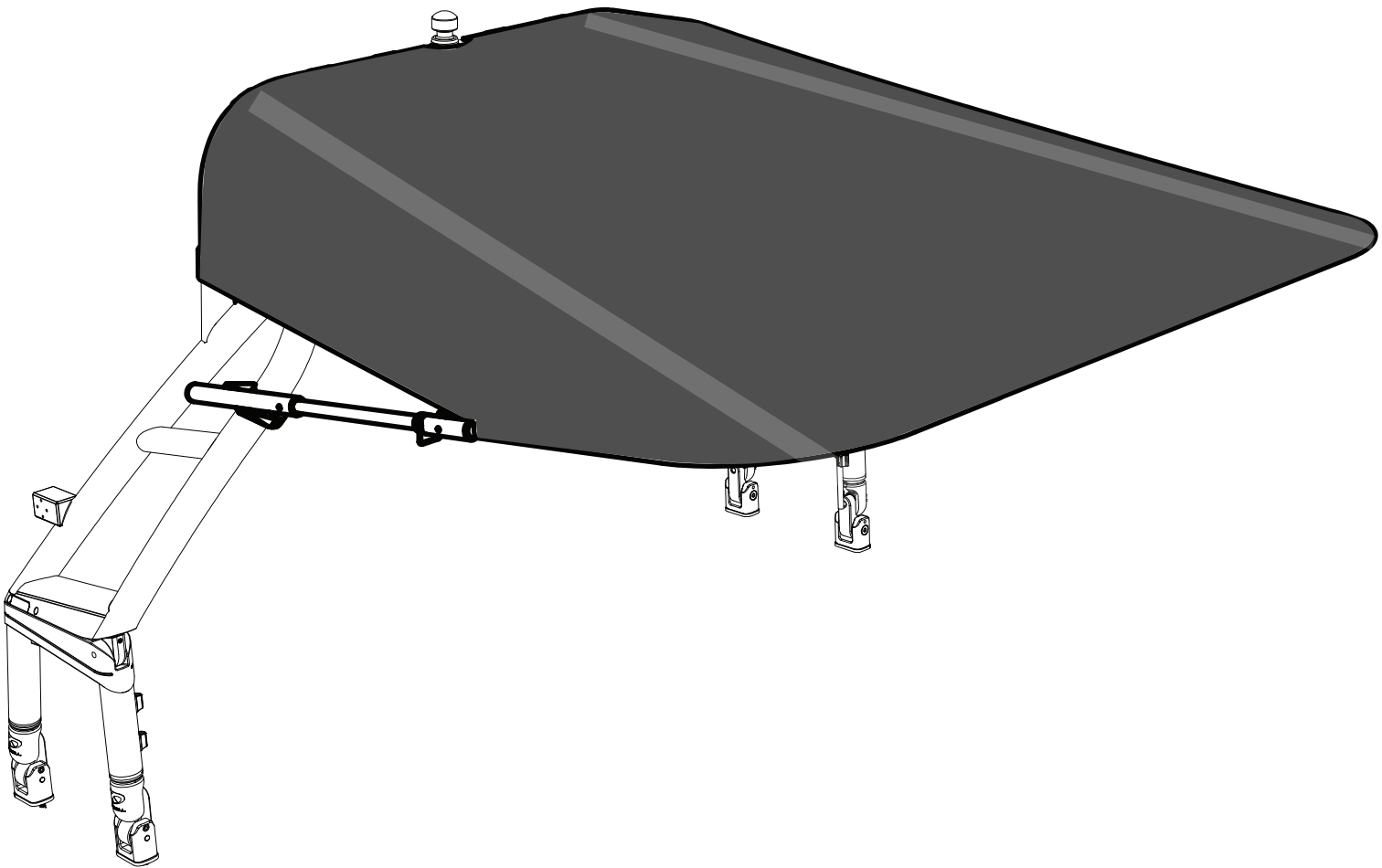
2 : Occasionally this problem can be solved by merely adjusting the Anchor tube angles on the tower. To do this, loosen the clamp bolts on the Anchor tubes slightly and rotate the entire Anchor tube in the direction required to try and straighten out the quick release pin alignment. If your quick release pins still do not easily insert/remove, proceed to Step 3.



4 : If you're at this step, Roswell recommends using a drill with a 5/16" drill bit to clean out the holes. Drill perpendicular through the frame and stainless arms at the same time. This will help with the alignment and ensure an accurately aligned hole. Use a drop cloth to catch metal shavings.



ROSWELL.



Roswell Aviator Soft Top Bimini Usage Instructions

C910-2025 & C910-2026

Rev. 12-Aug-15

www.roswellwakeair.com

Information: info@roswellwakeair.com

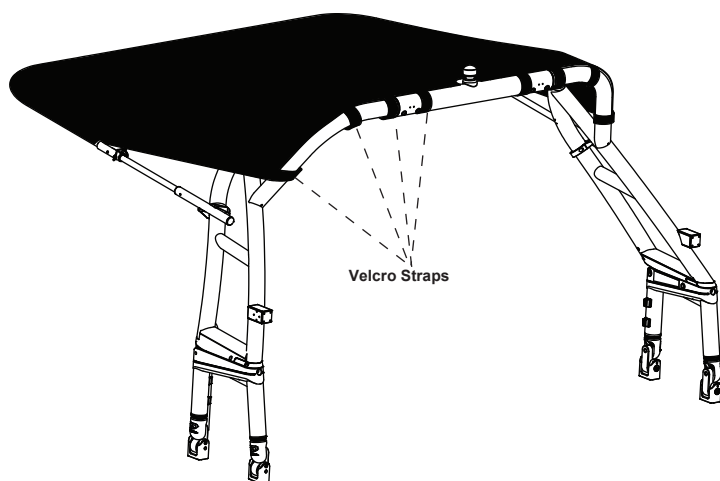
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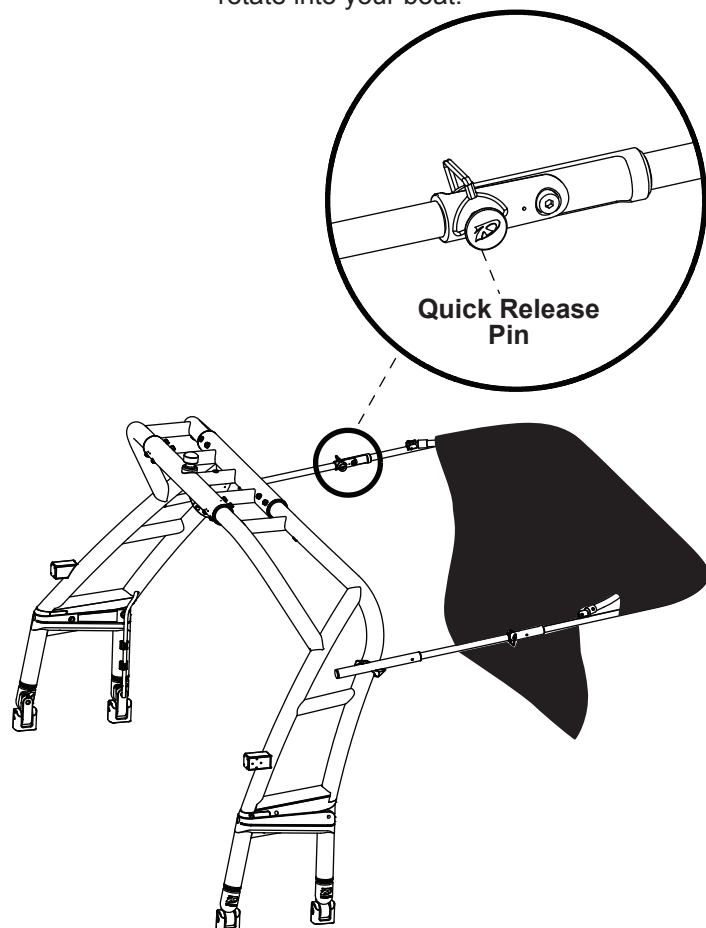


A Folding your Aviator Soft Top Bimini

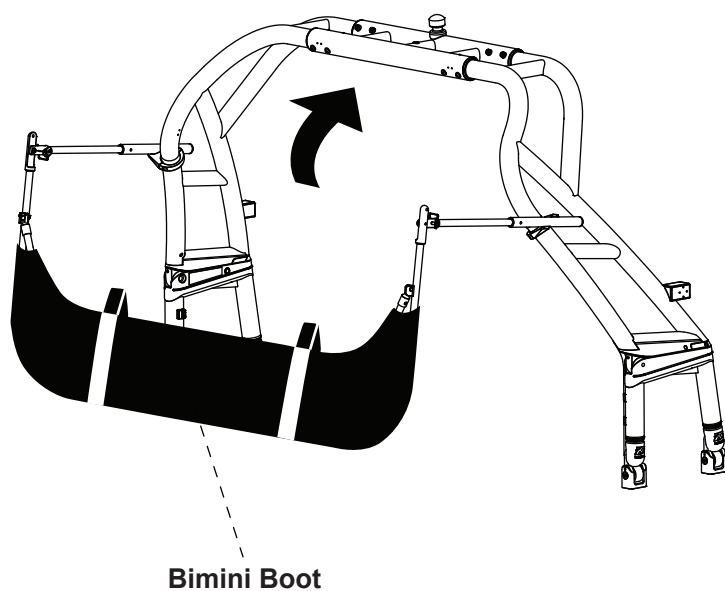
1 : Undo the 8 Velcro straps. Slide the fabric forward and off of the tower.



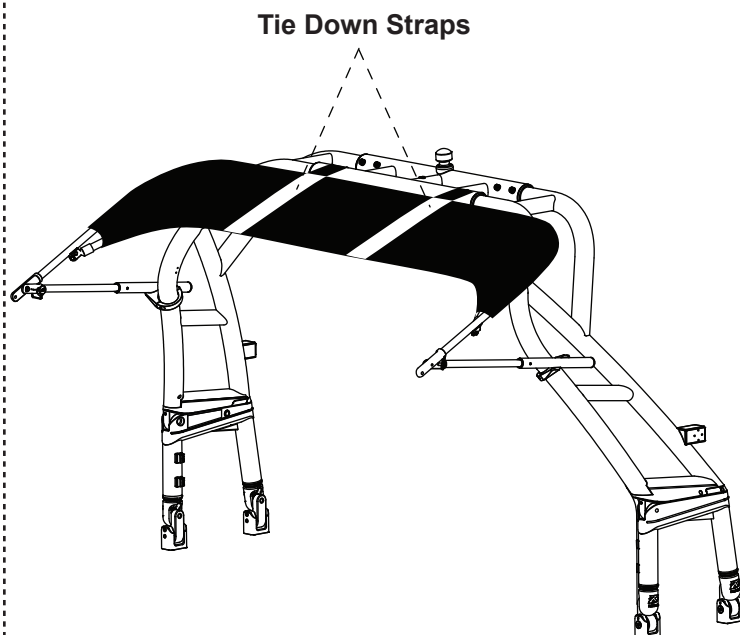
2 : Remove the quick release pins and allow the frame to rotate into your boat.



3 : Fold the middle bow against the front bow and roll your fabric around both. Zip the boot over your fabric and frame. Fold the bimini up against the tower.

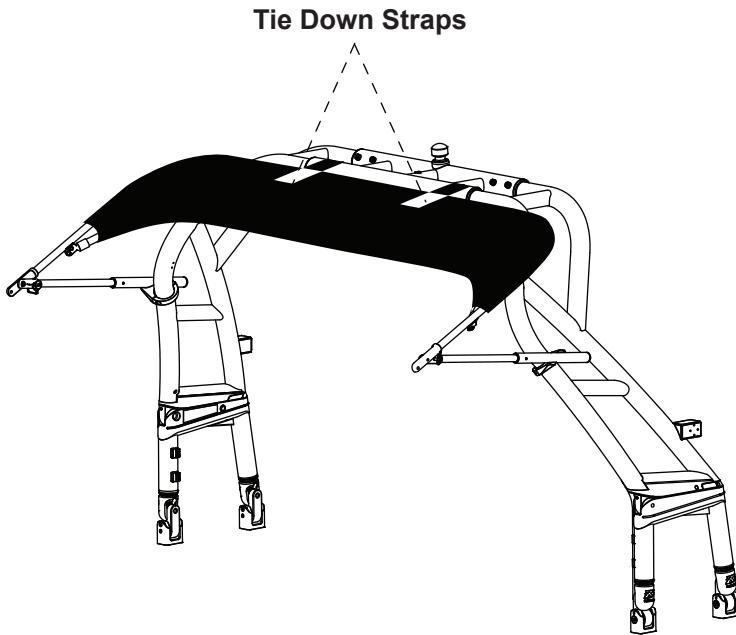


4 : Secure your folded bimini to the tower with the 2 tie down straps on the boot.

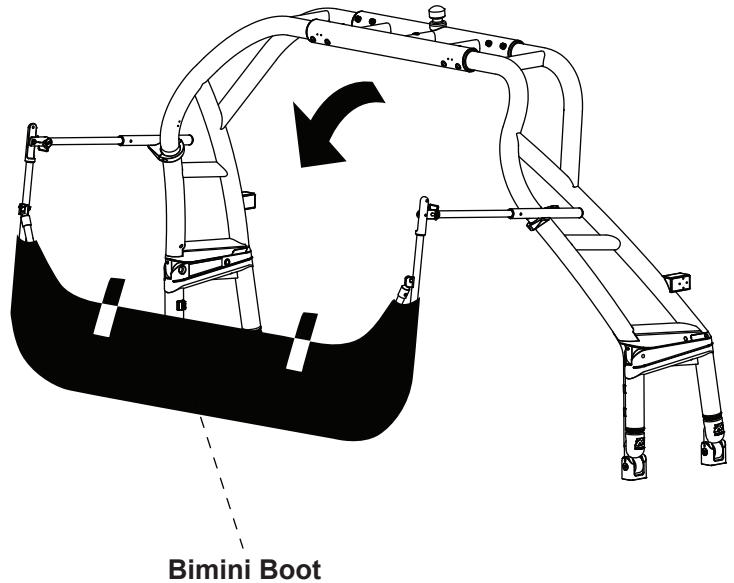


B Unfolding your Aviator Soft Top Bimini

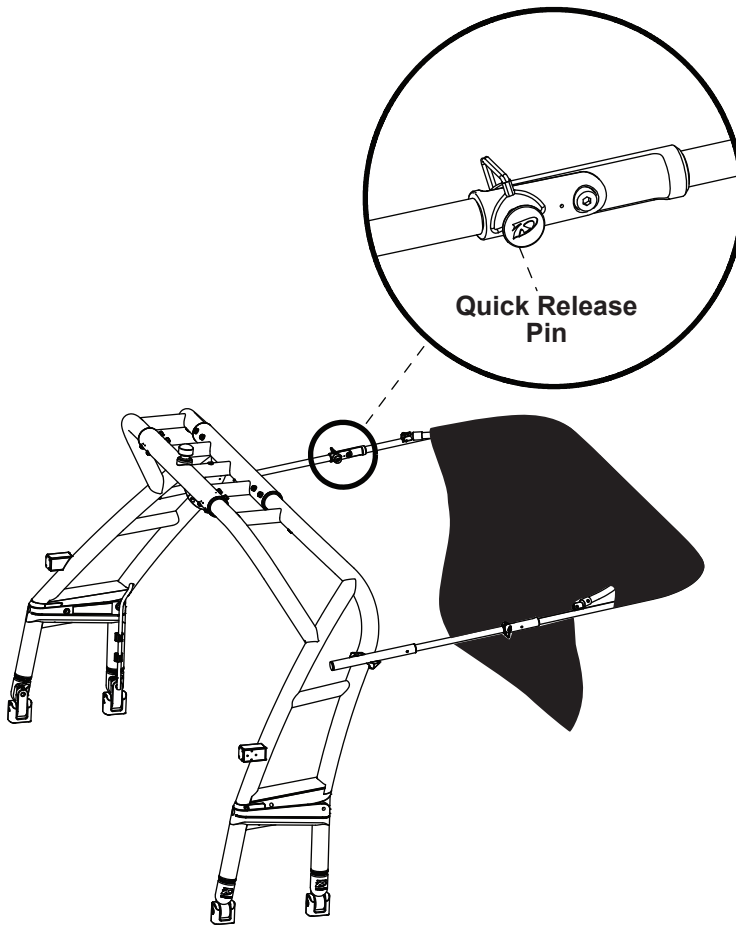
1 : Undo the 2 straps that secure the bimini to your tower.



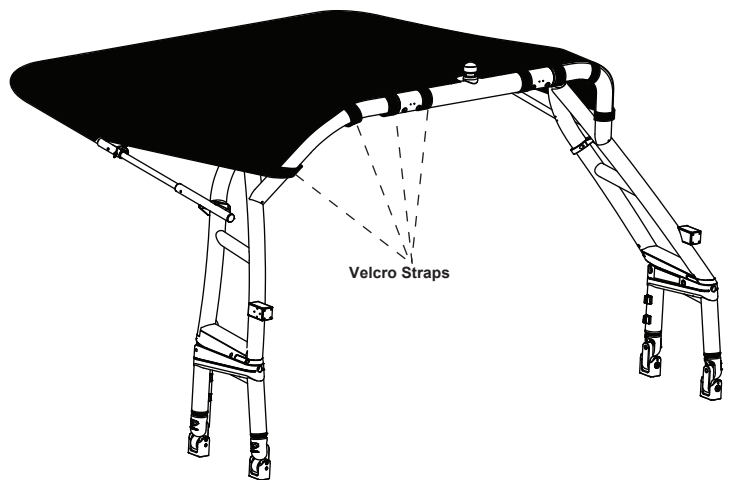
2 : Unfold the frame from the tower. Unzip the bimini boot from the bimini frame. Unroll your fabric and middle bow.

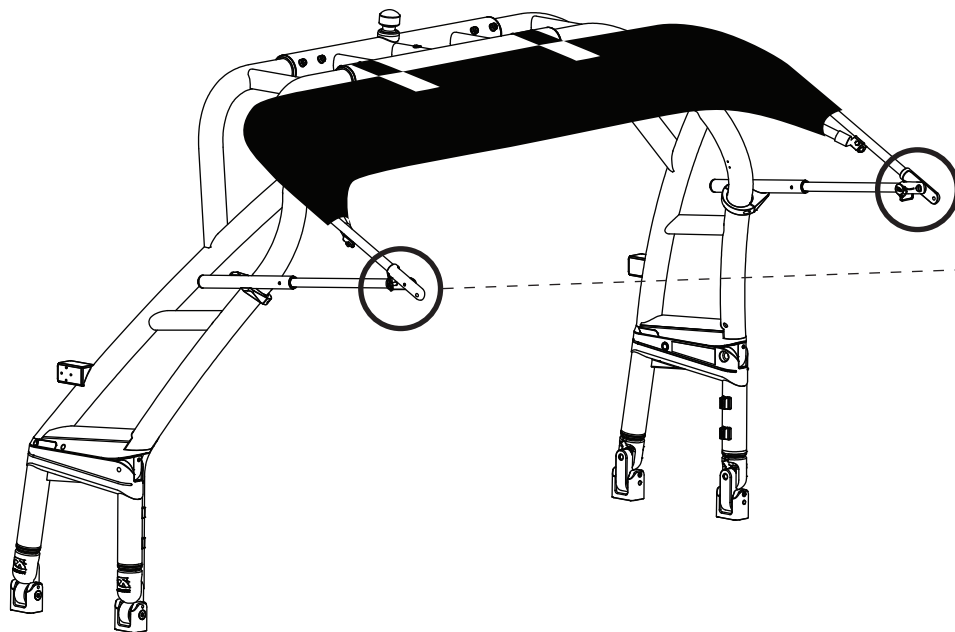


3 : Rotate the frame upwards and insert the quick release pins through the frame and stainless fitting.



4 : Place the fabric over the tower and secure it along the rear tower tube using the 8 Velcro straps. To get optimal fabric fit you should attach the Velcro straps starting with the center ones and working your way to the outer ones.



C**Tower folding / Trailing**

Quick release pins must be inserted into the frame fitting or the stainless fitting for trailing to avoid damage to parts

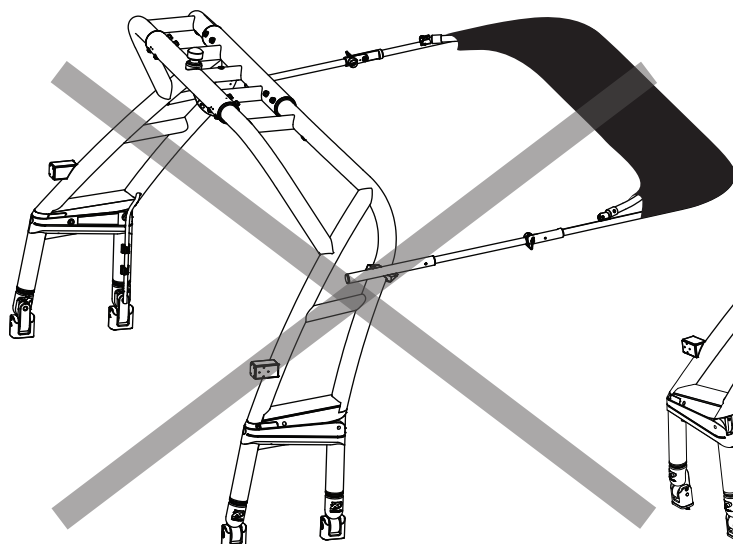
***** Illustrated is the ONLY acceptable way to safely fold your Aviator tower or trailer your boat with the Soft Top Bimini on*****

! ATTENTION !

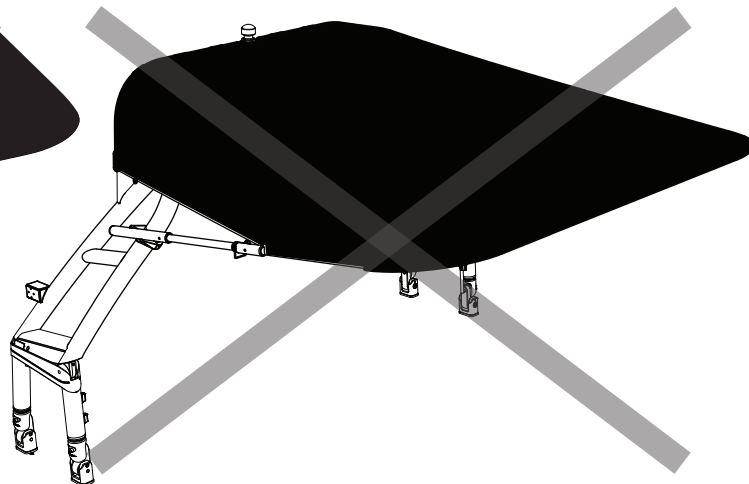
DO NOT TRAILER YOUR BOAT WITH THE BIMINI IN ITS OUTSTRETCHED POSITION

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