

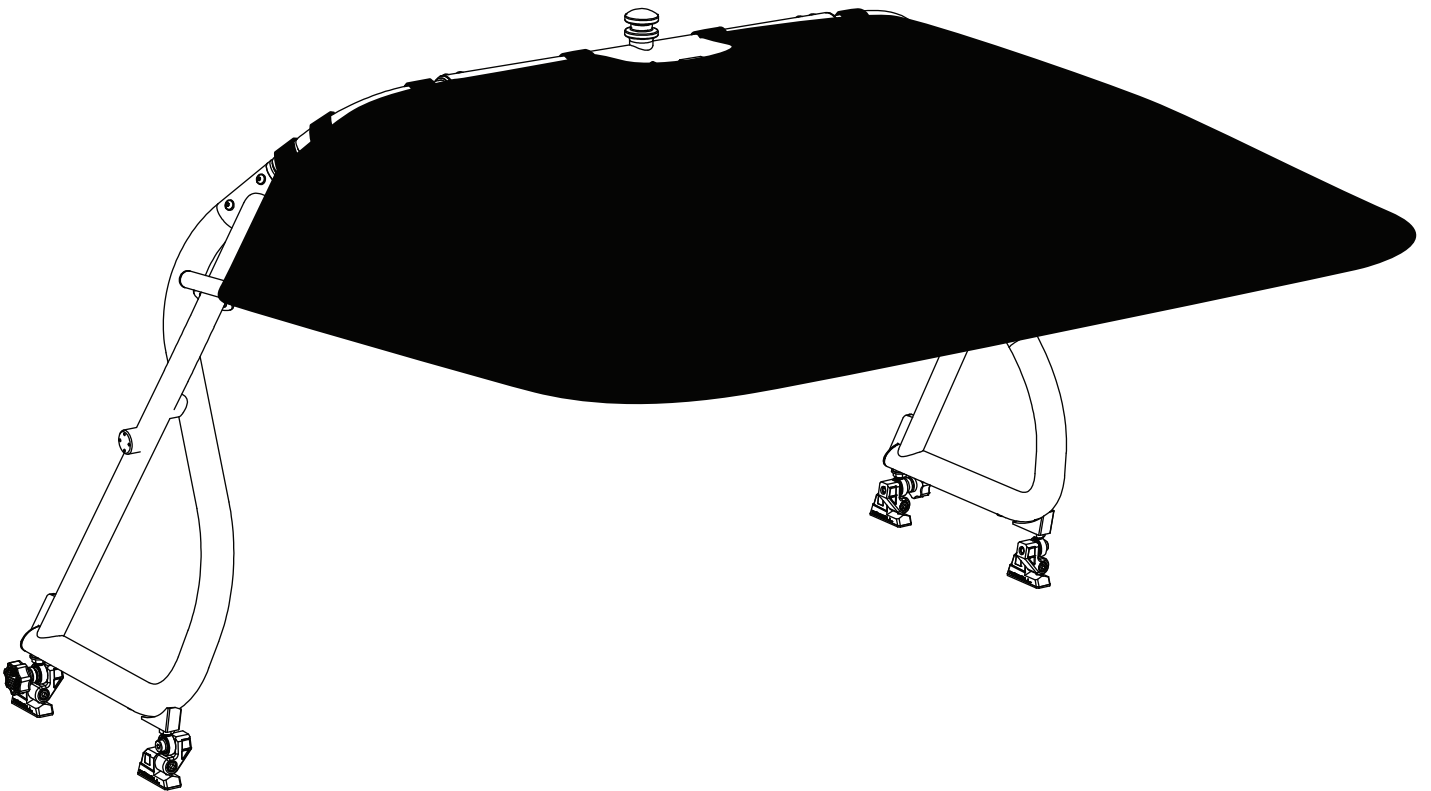
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# Area 53 Bimini

Installation & Usage Instructions



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**Part # C910-1740 & C910-1741**

**Information:** [info@roswellglobal.com](mailto:info@roswellglobal.com)

**Warranty:** [warranty@roswellglobal.com](mailto:warranty@roswellglobal.com)

If you have any questions please call : 1-321-638-1331



## Prepare your workspace:

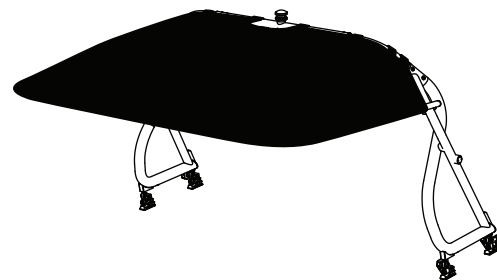
Clear an area near the boat. Make sure there is an unobstructed path from the boat to the setup area. We suggest assembling the bimini on a dropcloth to prevent damaging or scratching the finish of the parts. Make sure there are no overhead obstructions (rafters, garage door, hanging light fixtures, etc.)

## Unpack the bimini:

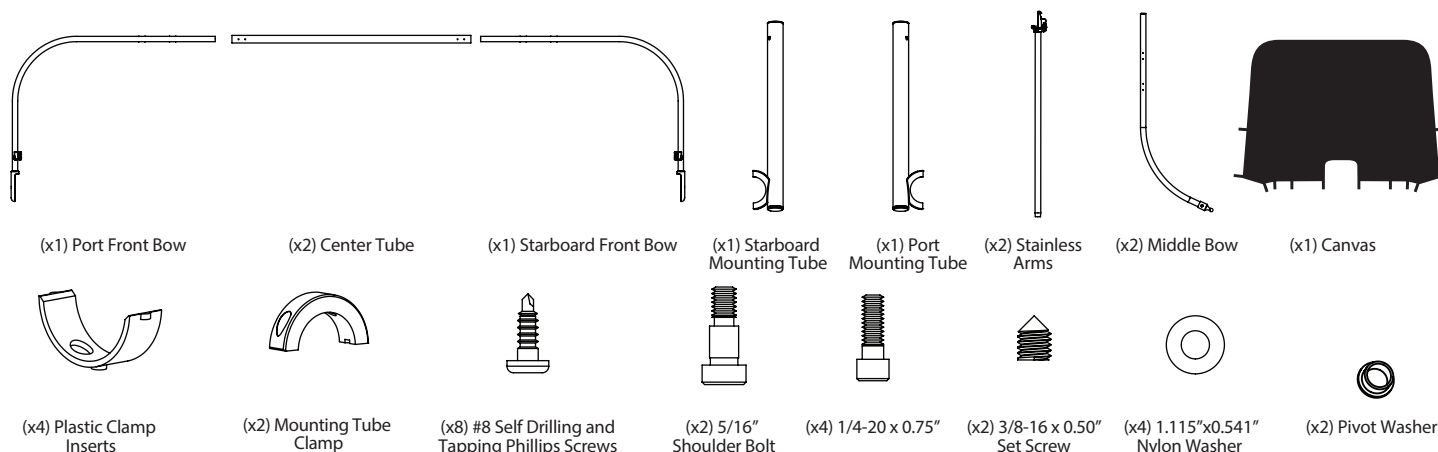
Be careful to avoid marking or scratching when removing the bimini from its packaging. As you unpack each part, carefully lay them out on the dropcloth.

## Note:

Remove the hardware as necessary to ensure that parts are not lost.



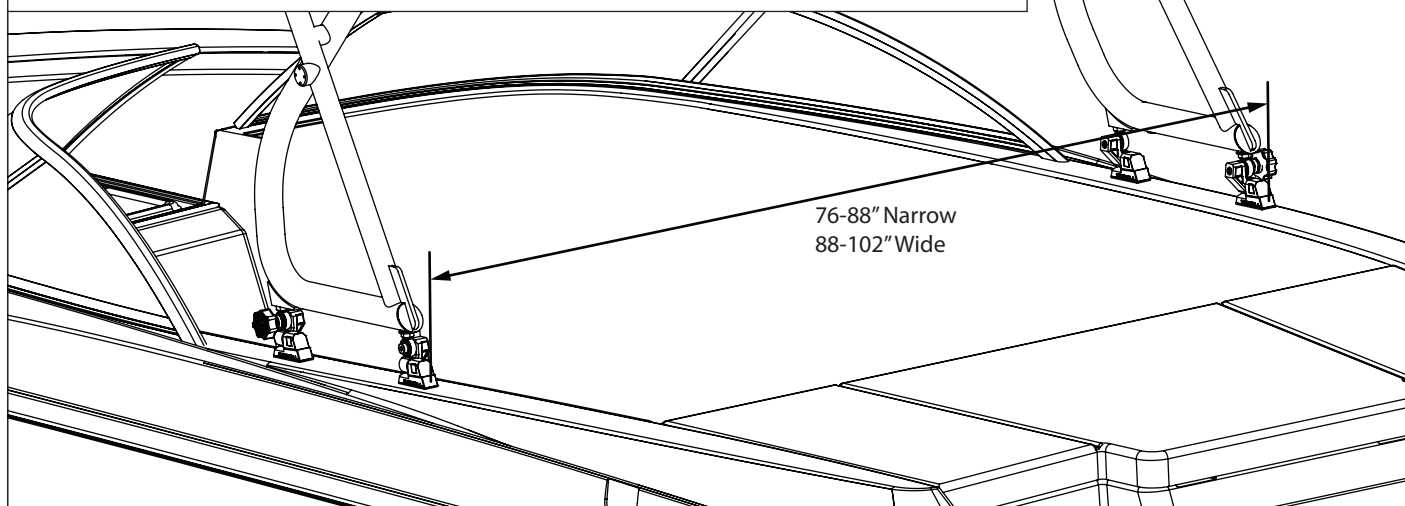
## PACKAGE CONTENTS



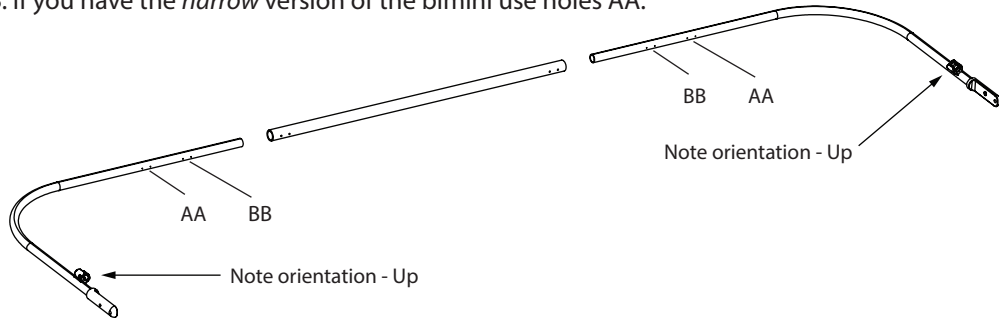
## TOOLS NEEDED



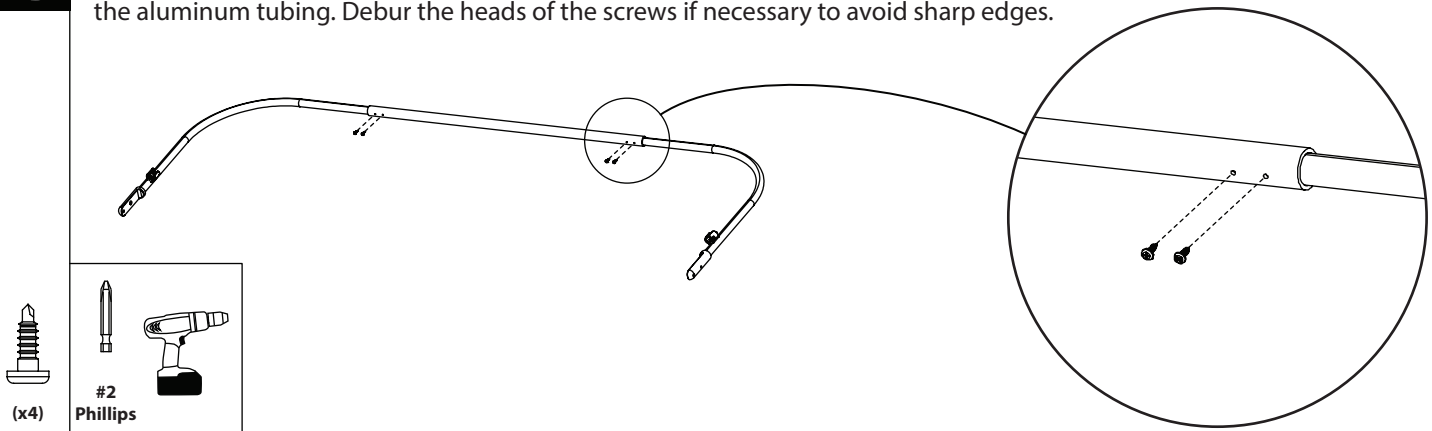
**A** Before assembling anything measure your tower width as illustrated. This measurement will make sure you have the correct bimini for your tower. Measure from the center of the port foot to the center of the starboard foot. If your tower is between 76 and 88in make sure you have a narrow bimini (C910-1740). If your tower is between 88in and 102in make sure you have a wide bimini (C910-1741).



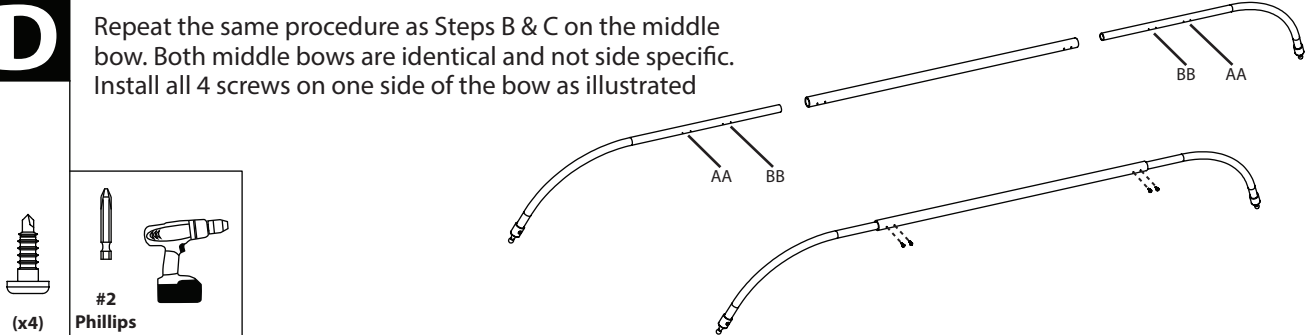
**B** After unwrapping all of the bimini components from the packaging, lay out the 2 front bows and a center tube them on a drop cloth. Arrange the front bows such that the middle bow hinge is facing upward on both sides. Align the 2 front bows with the center bow using the appropriate set of holes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



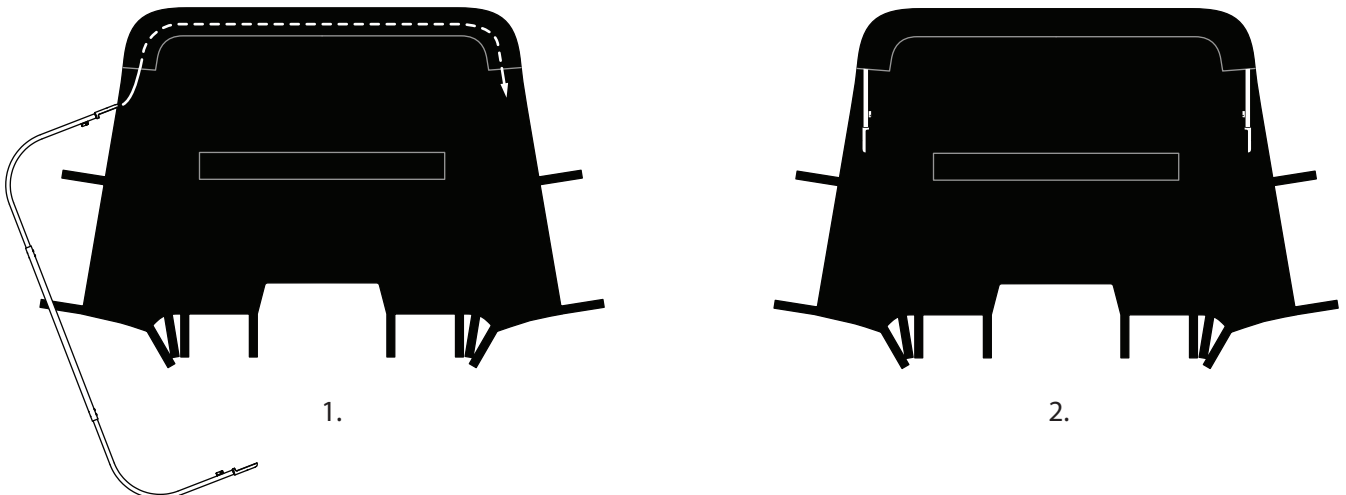
**C** Install all 4 screws from the inside of the bow as illustrated to avoid screw contact with the fabric. Using a drill and Phillips bit, thread the center screws into the center and front bows. Be careful not to strip the head of the screw or the threads in the aluminum tubing. Deburr the heads of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



**D** Repeat the same procedure as Steps B & C 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

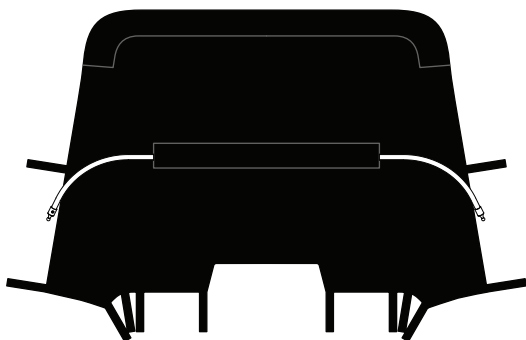


**E** Slide the front bow through the pocket in the front of the canvas. Make sure the taco fittings are facing towards the canvas (top of bimini when installed).

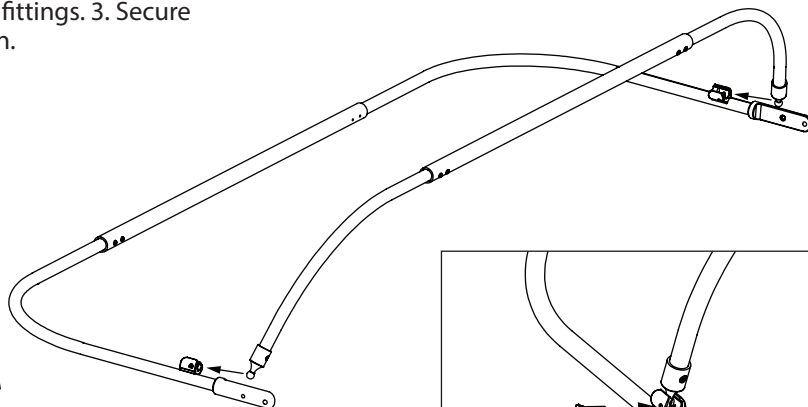


## F

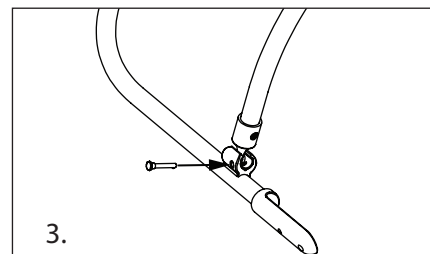
1. Slide the middle bow through the center pocket on the canvas.
2. Insert the middle bow pivot balls into the taco fittings.
3. Secure the middle bow in place using the retaining pin.



1.



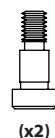
2.



3.

## G

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. Use only one of the pivot washers per side for now.



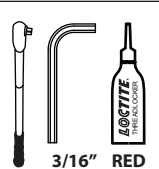
(x2)



(x2)



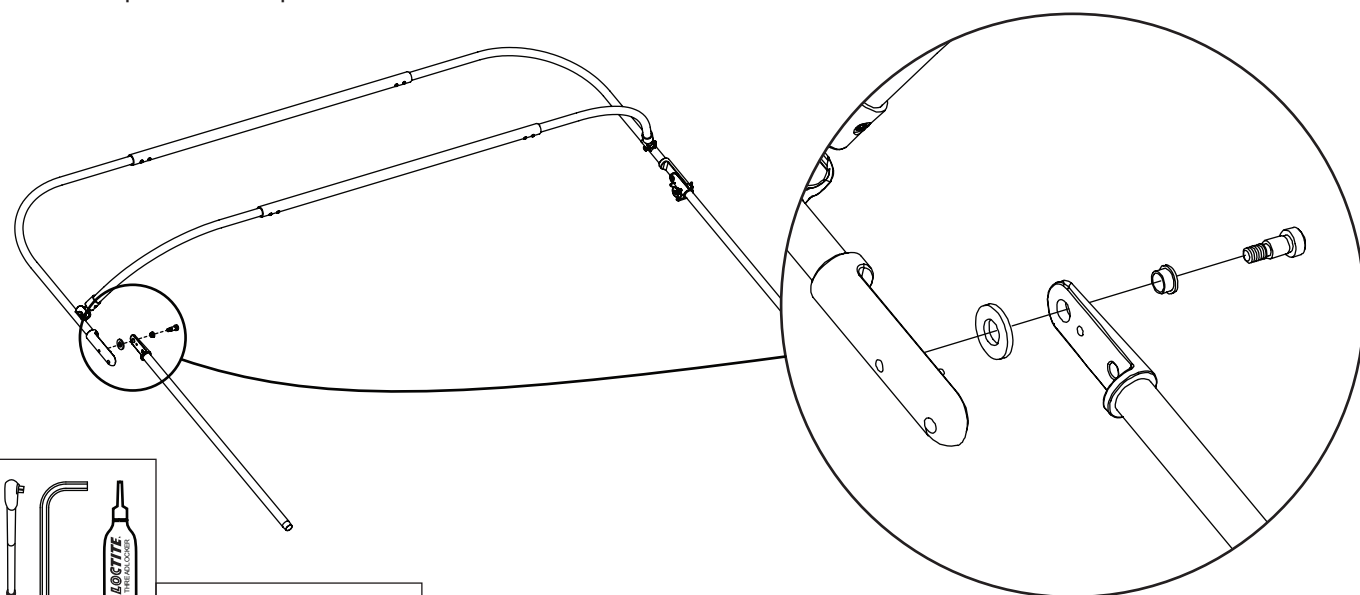
(x2)



3/16" RED

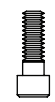
Torque to 15 Ft.Lbs

Note: Canvas not shown for image clarity



## H

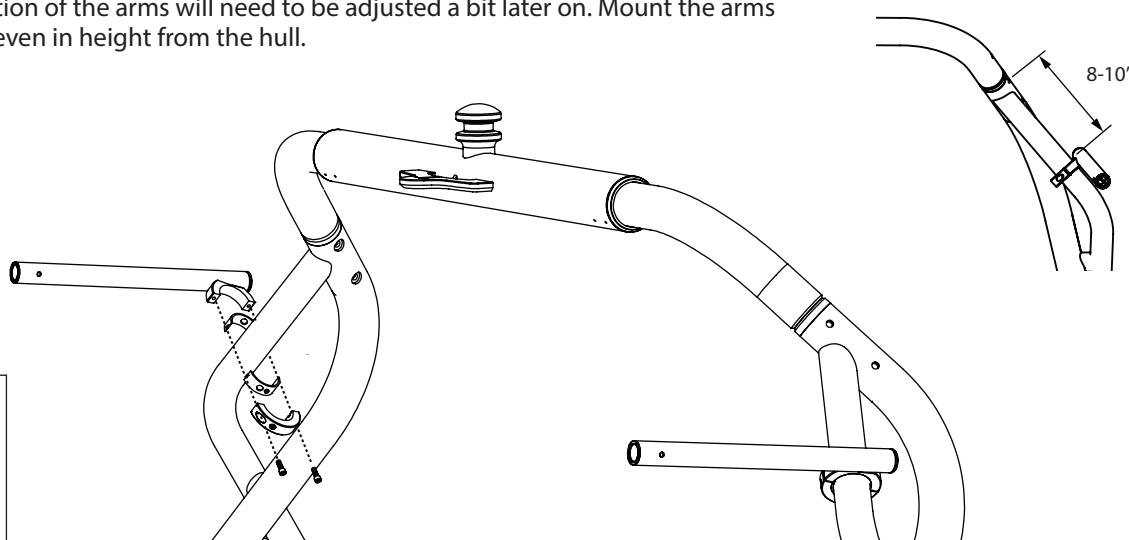
Install the bimini mounting arms to the tower. Gently tighten the bolts for now. The position of the arms will need to be adjusted a bit later on. Mount the arms close to even in height from the hull.



(x4)



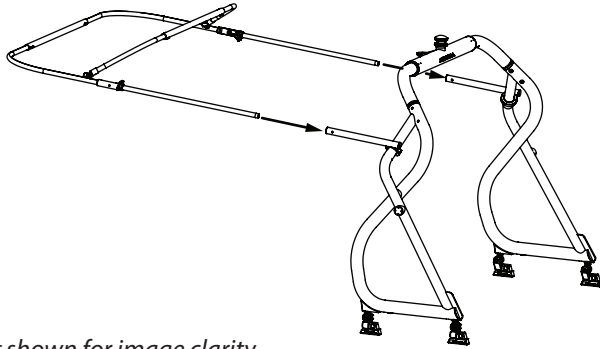
3/16" RED





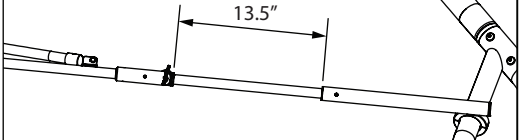
## I Two people are required for this step

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. Note: You can apply some silicon lubricant to the stainless arms to make them easier to insert.



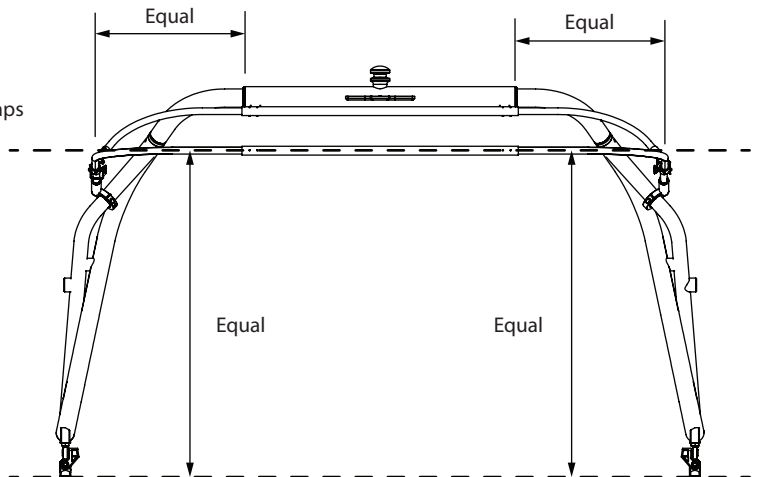
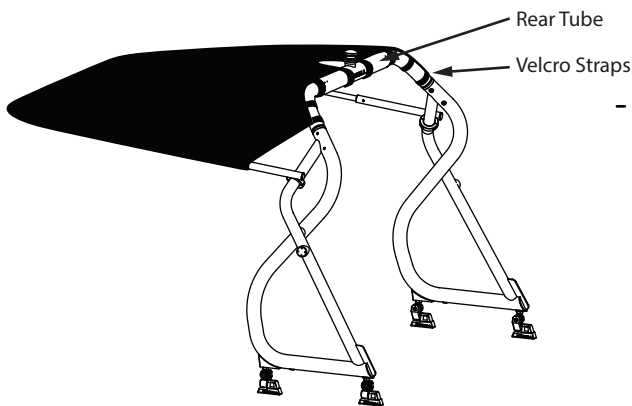
Note: Canvas not shown for image clarity

Check this distance to make sure the stainless arm is bottomed out in Anchor tubes.



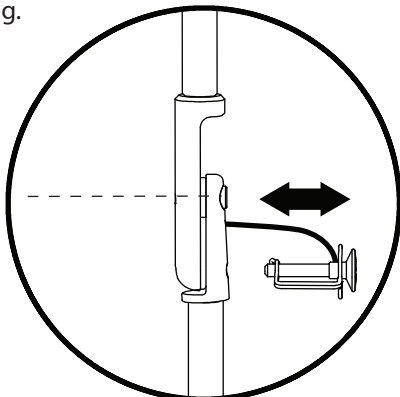
## J

Place the fabric over the tower and loosely secure it along the rear tower tube and bimini frame using the 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. After attaching the velcro straps level the bimini frame and adjust the position of the mounting arms to get the fabric tensions as close to "not-to-tight and not-to-loose" as possible. Tighten up the velcro straps and adjust until best fit is achieved.



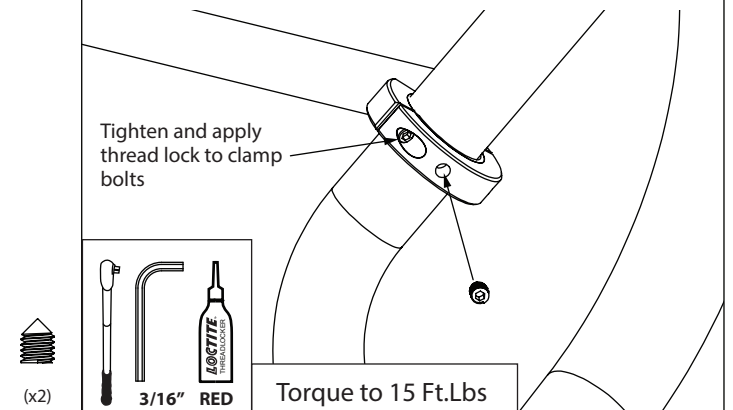
## K

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



## L

If there are no difficulties inserting or removing the quick release pins, you can now install the mounting clamp set screw. Apply red thread lock to the screws before installing. Tighten and apply red thread lock to the clamp bolts.



(x2)

3/16"

RED

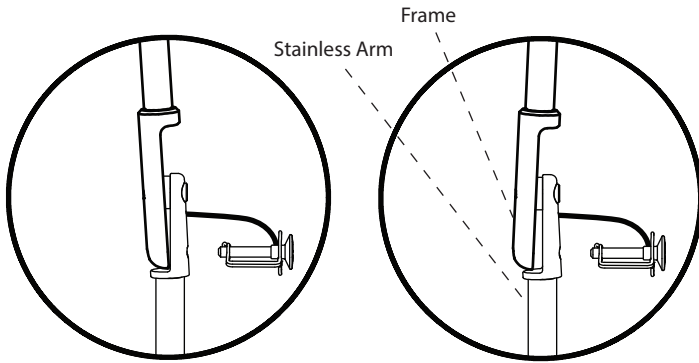
Torque to 15 Ft.Lbs

# M

Tips to ensure that your bimini quick release pins function properly. This process is not necessary for all biminis.

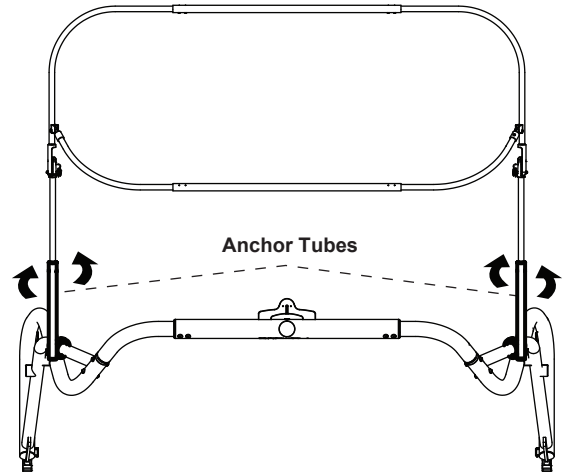
1. It is possible that once your bimini is installed your frame and stainless arms are not parallel where they pivot. This could make inserting and removing your quick release pins difficult or be causing a minor interference between the frame and stainless arms. If you are not experiencing any issues,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

TOP VIEW

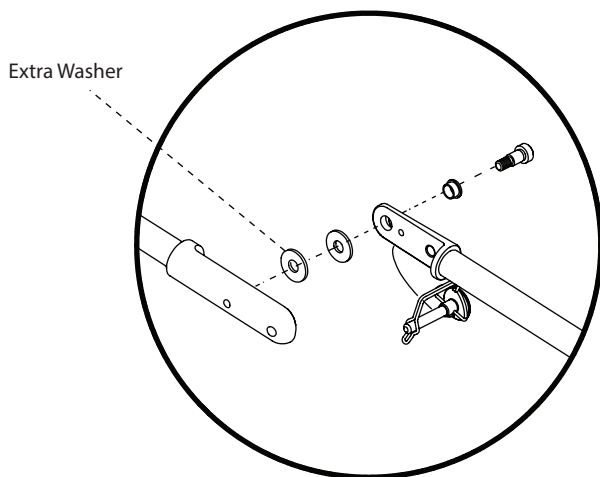


If your bimini looks like this and you cannot easily insert/remove your quick release pins proceed to Step 2.

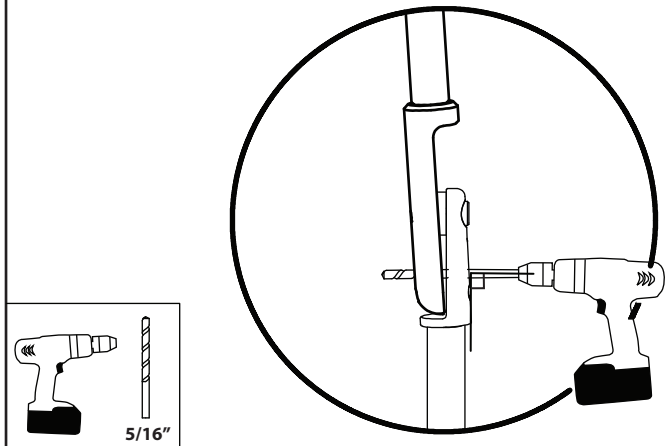
2. Occasionally this problem can be solved by merely adjusting the Anchor tube angles on the tower. To do this rotate the entire Anchor tube in the direction required to try and straighten out the quick release pin alignment. If your quick release pins still do not easily insert/remove, proceed to Step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



3. Occasionally this problem can be solved by adding the 2 extra pivot washers provided with your Area 53 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.

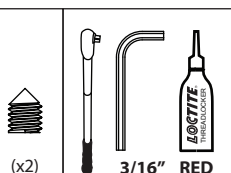


4. This is the last resort. If none of the other steps let the quick release pin move easily you need to drill out the hole the pin goes in. Use a 5/16" bit and drill perpendicular through the frame and stainless arms at the same time. This will help with the alignment and ensure an accurately aligned hole. Use a drop cloth to catch metal shavings.



5. If there are no difficulties inserting or removing the quick release pins, you can now install the mounting clamp set screw. Apply red thread lock to the screws before installing. Tighten and apply red thread lock to the clamp bolts.

Tighten and apply thread lock to clamp bolts



Torque to 15 Ft.Lbs

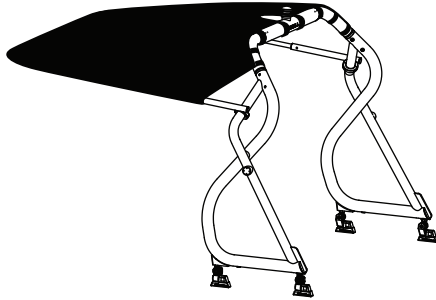
Your bimini installation is now complete! Happy Boating!

Use these instructions to properly use, operate and care for your Area 53 Bimini.

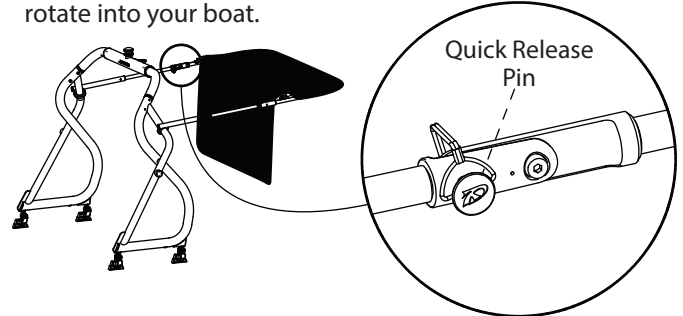
## 1

### Bimini Stowage

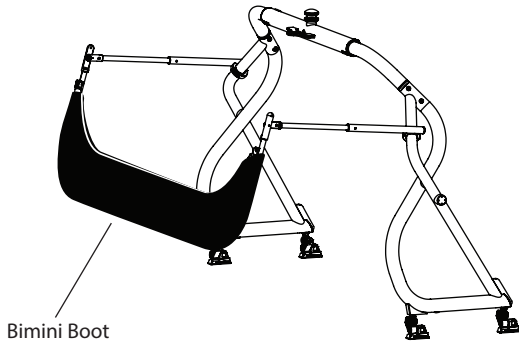
1. Undo all 12 velcro straps securing the fabric to the tower and frame.



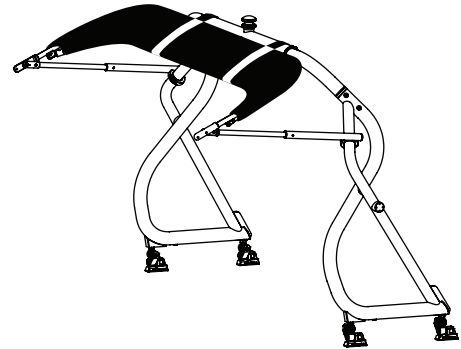
2. Remove the quick release pins and allow the frame to rotate into your boat.



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.



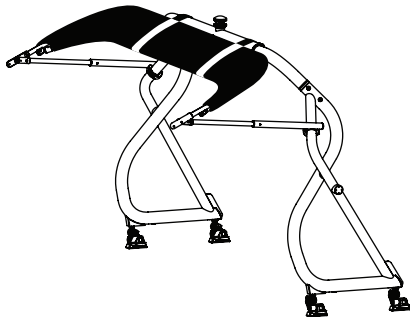
4. Secure your folded bimini to the tower with the 2 tie down straps on the boot. Adjust straps so they have some tension. The bimini should rest of the navigation light mount. *Re-insert quick release pins.*



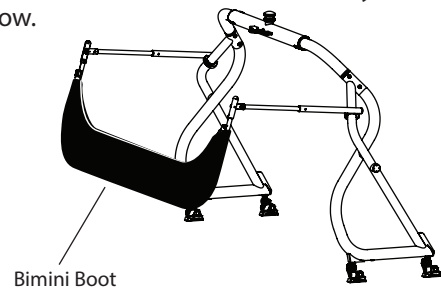
## 2

### Bimini Deployment

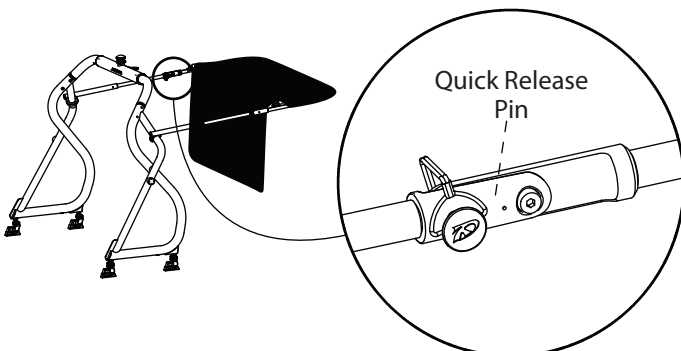
1. Undo the 2 straps that secure the bimini to your tower.



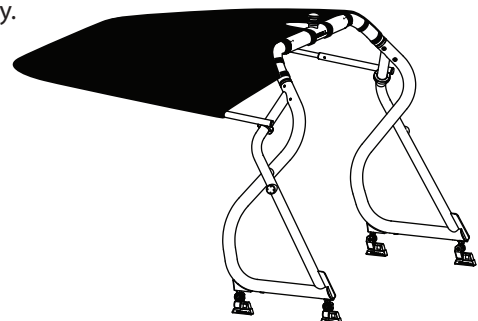
2. Unfold the frame from the tower. Unzip and remove the bimini boot from the bimini frame. Unroll your fabric and middle bow.



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



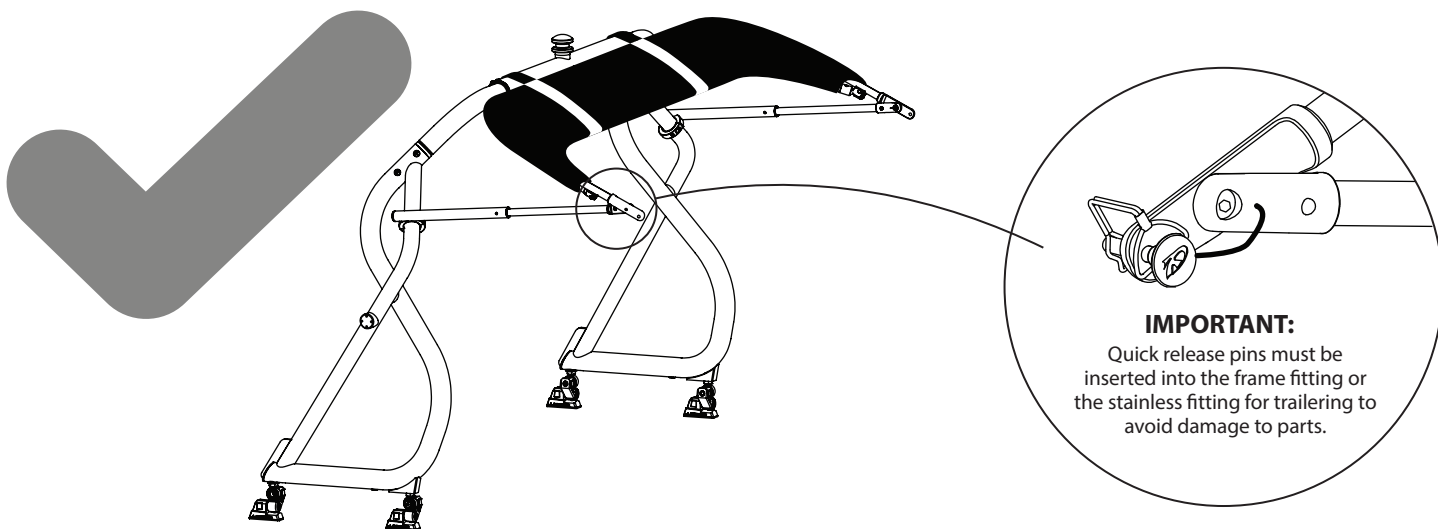
4. Place the fabric over the tower and secure it along the rear tower tube using the 12 Velcro straps. To get optimal fabric fit you should attach the Velcro straps starting with the center ones and working your way to the outer ones. Readjust as necessary.



## 3

## Towing &amp; Trailering

Illustrated is the **ONLY** acceptable way to safely fold your Area 53 tower or trailer your boat with the Soft Top Bimini on



## 4

## Warnings

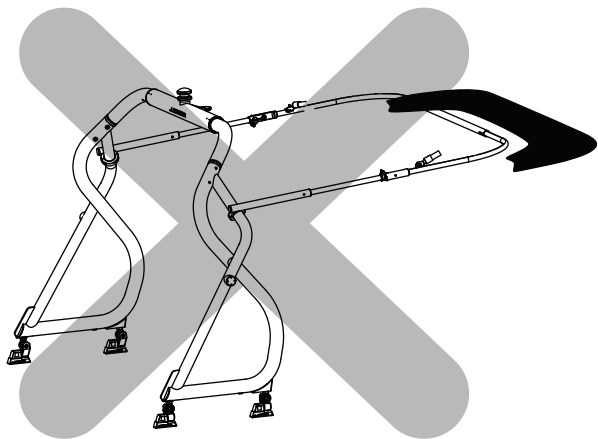
**CAUTION**

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

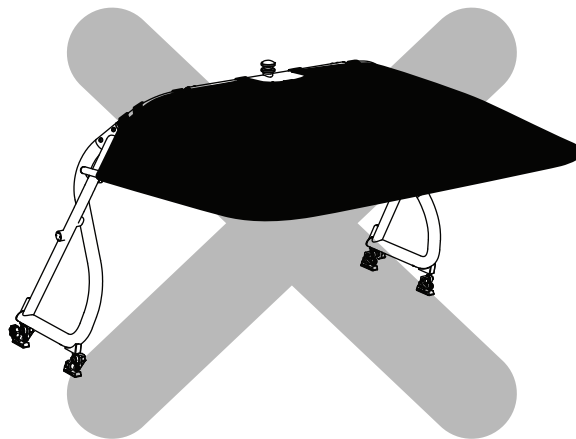
DO NOT FOLD YOUR TOWER WITH THE BIMINI IN ITS OUTSTRETCHED POSITION

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

DO NOT EXCEED 30MPH / 48KM/H WITH THE BIMINI IN ITS DEPLOYED STATE



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

## 5

## General Maintenance &amp; Cleaning

1. Do not use harsh chemicals on the bimini frame or canvas. A gentle soap and water wash is all that is necessary and this will not damage the finish or materials of your bimini.
2. Check bolts regularly and re-apply thread lock to any bolts that work their way loose.
3. Never pull on the bimini frame and do not hang things from the bimini