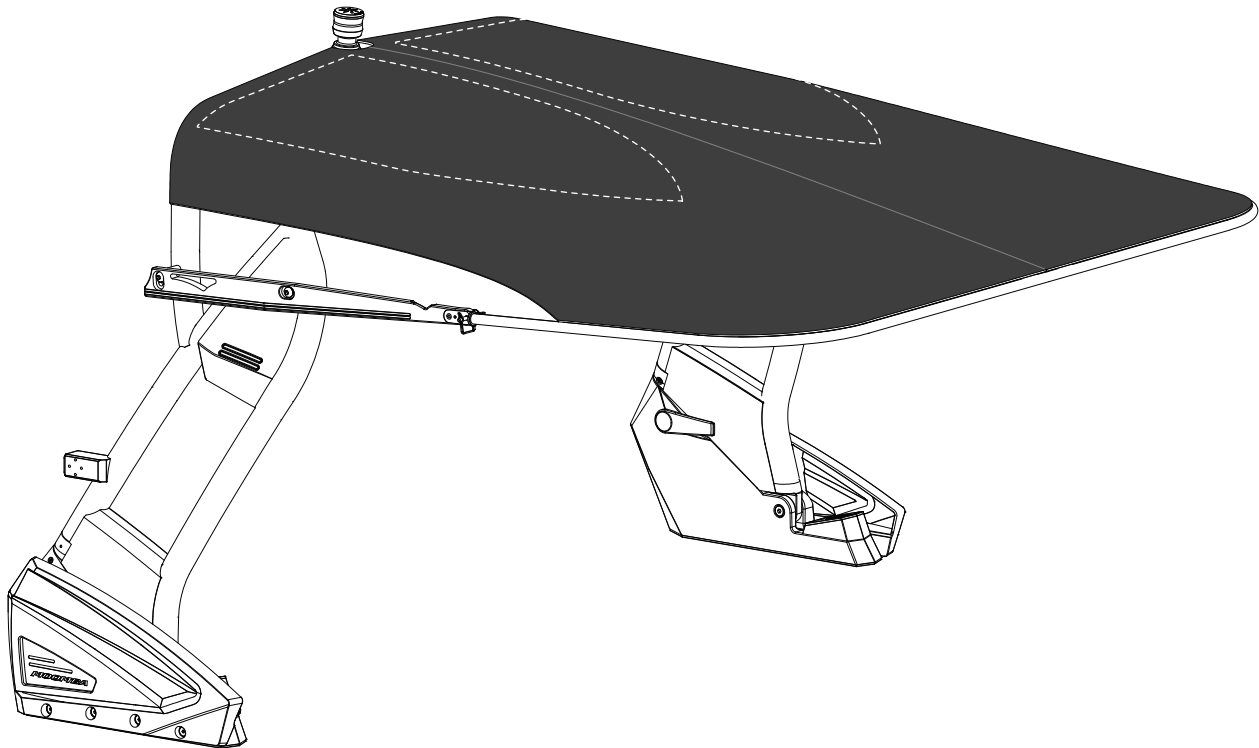


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***MOOMBA* Pro Bimini**

Part 1 Installation



Part # C915-119151

C915-119152

Information: info@roswellmarine.com

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



***MOOMBA* Pro Bimini**

ATTENTION

Roswell strongly recommends that a routine inspection of hardware and components be done to ensure proper function and safety and to maximize product life. If bolts are found to be loose, discontinue use until thread lock is re-applied and bolts are re-tightened.

Never travel at speeds in excess of 30mph / 48kph (i.e. towing the boat on a trailer) or through extremely rough waters with the Bimini in it's deployed state. ONLY travel with the bimini in it's folded state secured to the tower."

Check the clearance between your tower and any overhead obstacles including bridges, canals etc.

ATTENTION

Do not Trailer your boat with the Bimini in its outstretched position.

Do not fold your tower with the Bimini in its outstretched.

Do not use your Bimini in its outstretched position in any high wind circumstances.

Prepare your workspace:

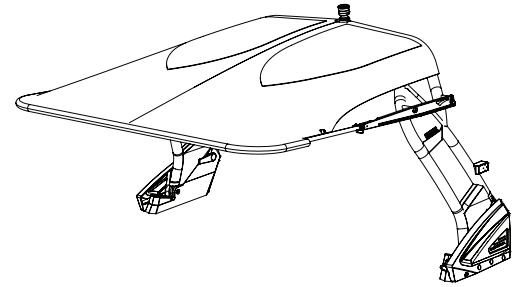
Clear an area near the boat. Make sure there is an unobstructed path from the boat to the setup area. We suggest assembling the bimini on a dropcloth to prevent damaging or scratching the finish of the parts. Make sure there are no overhead obstructions (rafters, garage door, hanging light fixtures,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

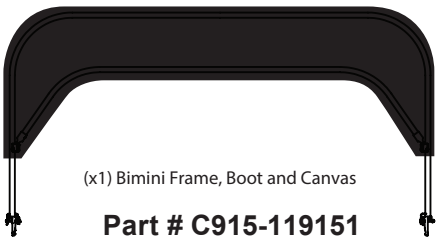
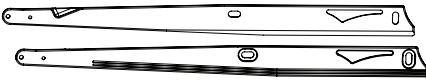



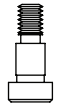


Unpack the bimini:



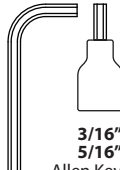
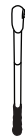

Be careful to avoid marking or scratching when removing the bimini from its packaging. As you unpack each part, carefully lay them out on the dropcloth.

Note:

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



PACKAGE CONTENTS		
 <p>(x1) Bimini Frame, Boot and Canvas Part # C915-119151</p>		
 <p>(x2) Bimini Arms</p>		
<p>Part # C915-119152</p>		
 <p>(x4) 1/2-13 x 1.50" Shoulder Bolt</p>	 <p>(x2) Pivot Bushing</p>	 <p>(x4) 0.56" x 0.063" Nylon Paint Washer</p>
 <p>(x2) 5/16-18 inch Shoulder Bolt</p>	 <p>(x8) 0.54" x 0.13" Nylon Spacer Washer</p>	 <p>(x2) 0.386" x 0.08" Nylon Pivot Washer</p>


TOOLS NEEDED		
 <p>Tape Measure</p>	 <p>Drop Cloth</p>	
 <p>3/16" 5/16" Allen Key/bit</p>	 <p>Torque Wrench</p>	 <p>RED Threadlock</p>

A


First assemble the bimini arms to the tower.

For towers with a mounting width of 83" (measured from the inside edge of the foot where it meets the gunnel to the opposite inside edge) use two of the 1/8" thick 0.54" ID nylon washers behind each mounting hole between the bimini arm and the tower. For towers with an 85" width do not use any washers.


Apply red threadlock to each bolt before threading them in. Do not tighten the bolts all the way yet.



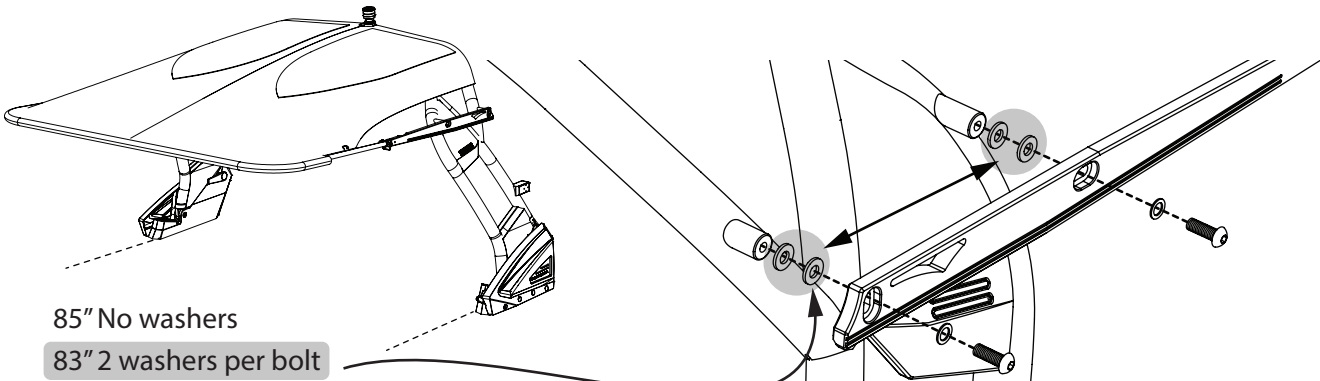
x4




x8



x2



85" No washers
83" 2 washers per bolt



5/16" RED

Torque bolts to **20ft-lb**

B

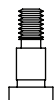
Assemble the bimini frame to the bimini arms. Repeat for both sides



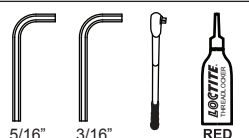
x2



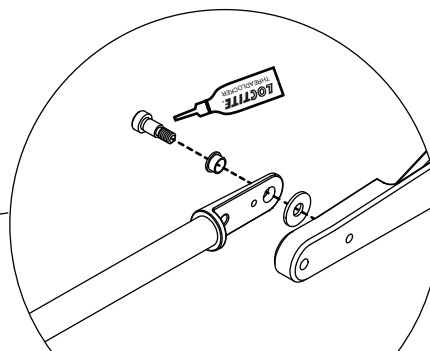
x2



x2



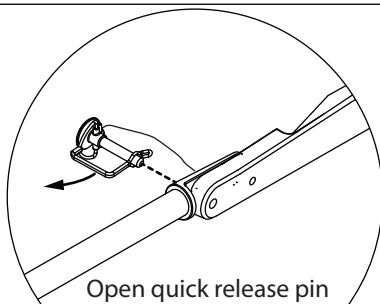
Torque bolts to 15ft-lb



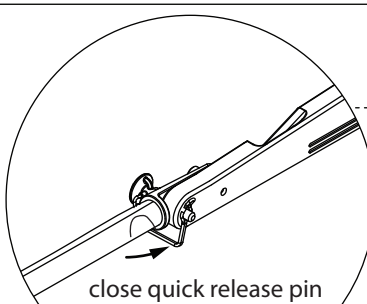
Note !

Tighten loose bolts in step A

C



Open quick release pin

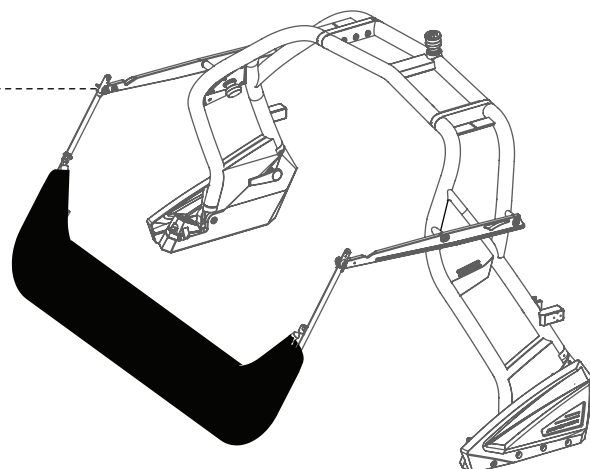


close quick release pin

Remove boot from the Bimini.

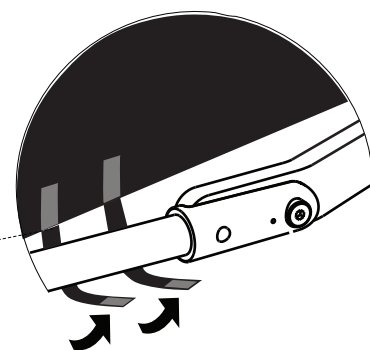
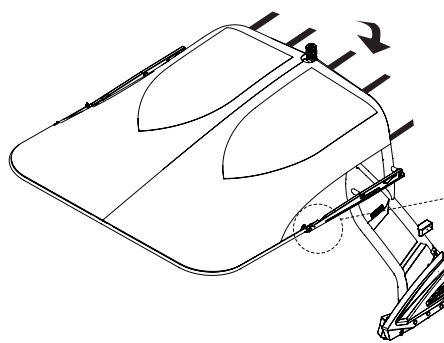
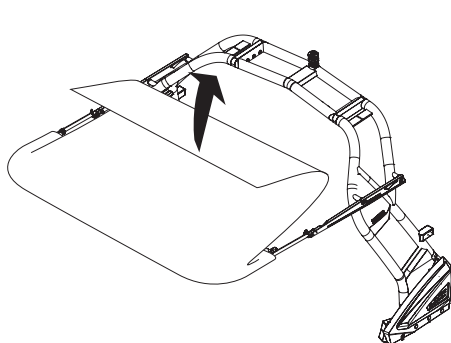
Bimini Boot

Unzip the bimini boot from the bimini frame. Unroll your fabric, and rotate the frame upwards and insert the quick release pins into the arms only.

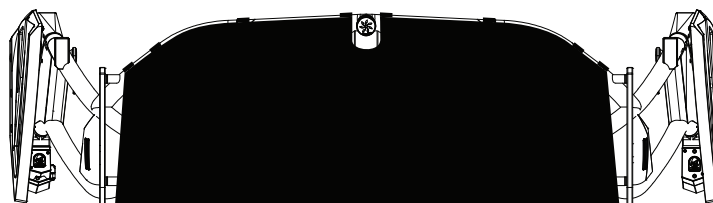


D

Pull fabric back to the rear tube of the tower. Secure the velcro straps.



Check fabric is even along the rear tower tube

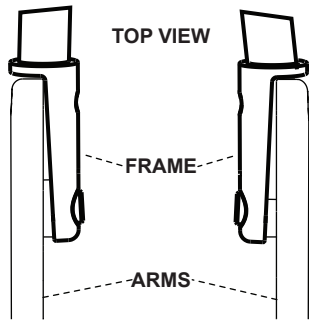


E Tips and Tricks for your Bimini

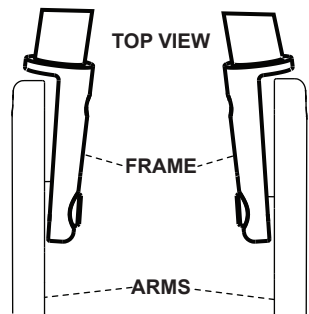
It is normal that there is potentially a slight variation from one tower bimini to another. Listed below are some tips and tricks to ensure that your bimini is installed and functioning properly. This process is not mandatory for all biminis.

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.

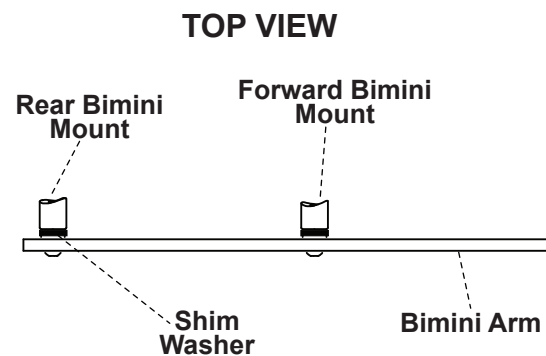


If your bimini looks like this, in Step 2 you will need to add shim washers between the forward bimini mounts and your bimini arms

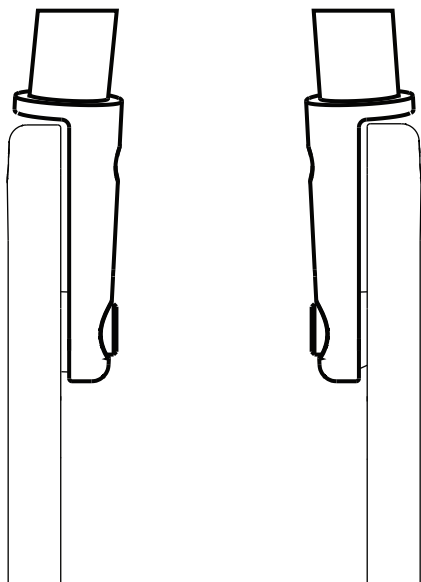


If your bimini looks like this, in Step 2 you will need to add shim washers between the rear bimini mounts and your bimini arms

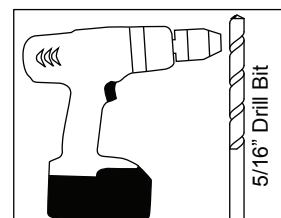
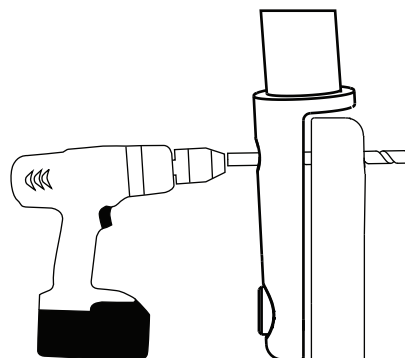
2 : Choose one side of your tower to work on first. Determine which bimini mount the shim washers will need to be added to. Completely remove the bolt that secures the bimini arm to your chosen bimini mount. Loosen the other bimini arm bolt. Add the shim washer(s) in between the chosen bimini mount and bimini arm. (In some cases 2 washers may be required under each arm) Re-insert the bolt with loctite applied. Remove the loosened bolt, apply Loctite and re-insert. 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 shim washers have been added 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.

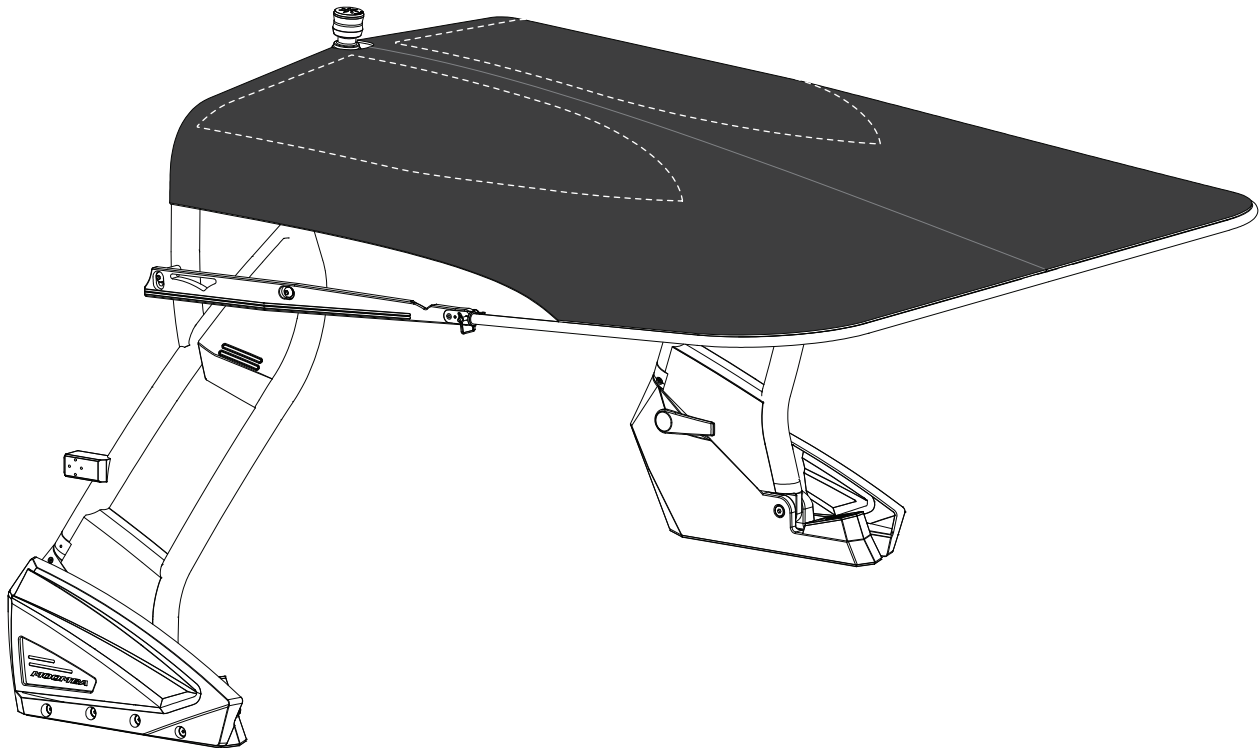


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***MOOMBA* Pro Bimini**

Part 2 Usage Instructions



Part # C915-119151

C915-119152

Information: info@roswellmarine.com

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



A

Tightening your Bimini Canvas

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

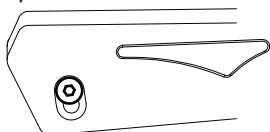
There are 2 ways you can tighten your bimini canvas. You can use method 1, 2 or a combination of both.

Canvas Tightening

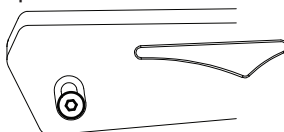
This method is best executed with 2 people

Remove the rear bimini arm bolts on port and starboard sides. Do not remove the front bimini arm bolts. Once both rear bolts are removed, re-apply Loctite to each bolt and re-thread them loosely back into the tower. Have a friend lightly pull down on the bimini arms one side at a time. With the arm being pulled down, re-tighten the rear bimini arm bolt. Repeat on the other side.

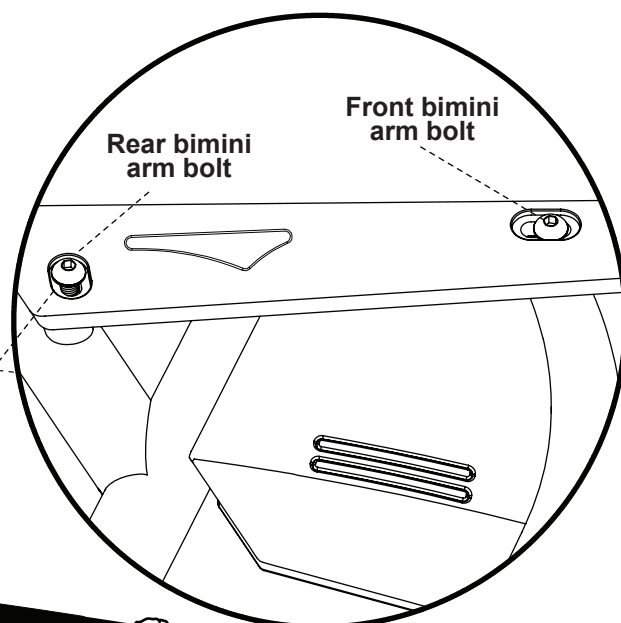
Factory installed
rear bolt
position



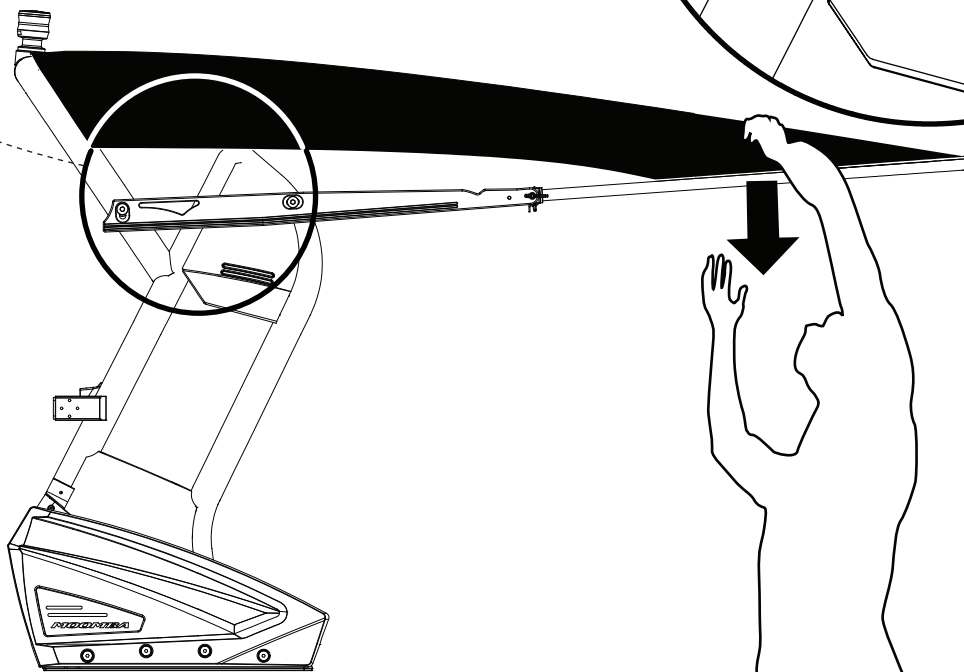
Tighter Canvas
rear bolt
position

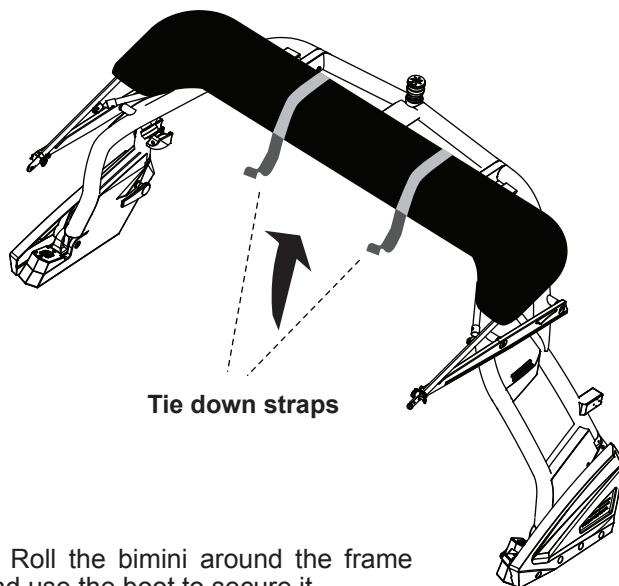


Remove
this bolt



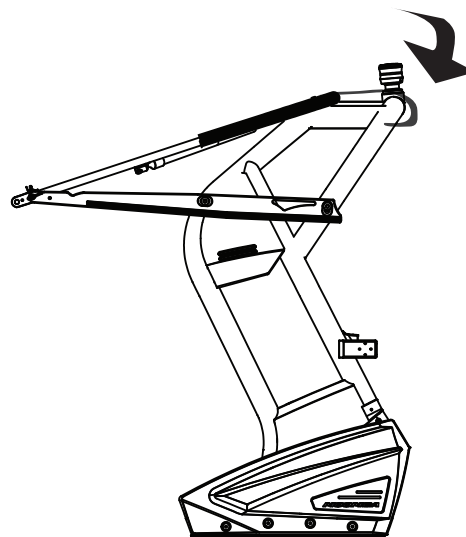
5/16"



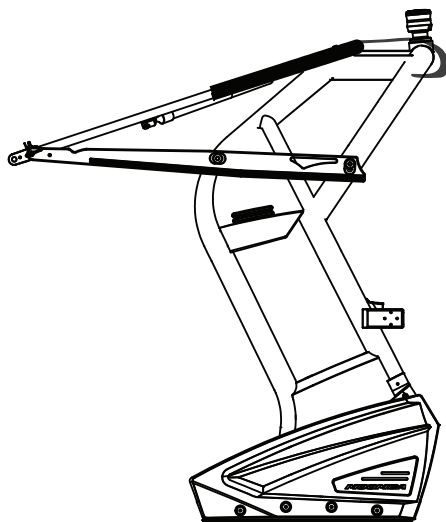
B**Bimini Storage**

1. Roll the bimini around the frame and use the boot to secure it.

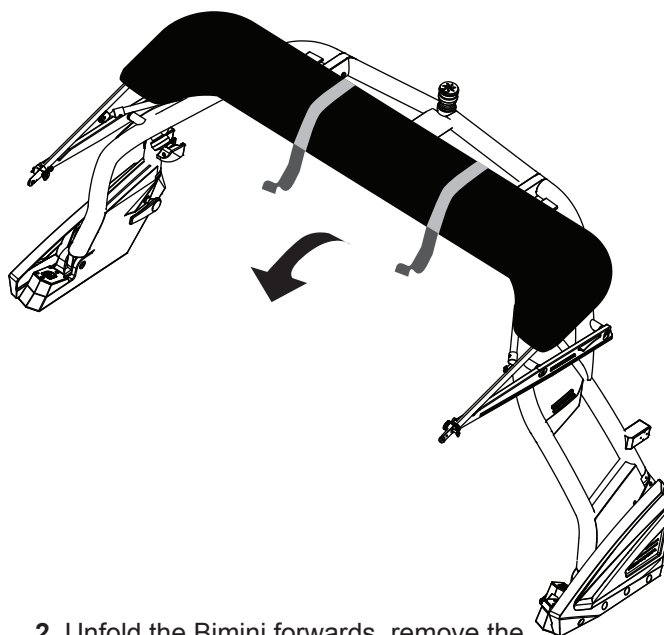
2. Fold the bimini towards the tower until it rests on top of the tower.



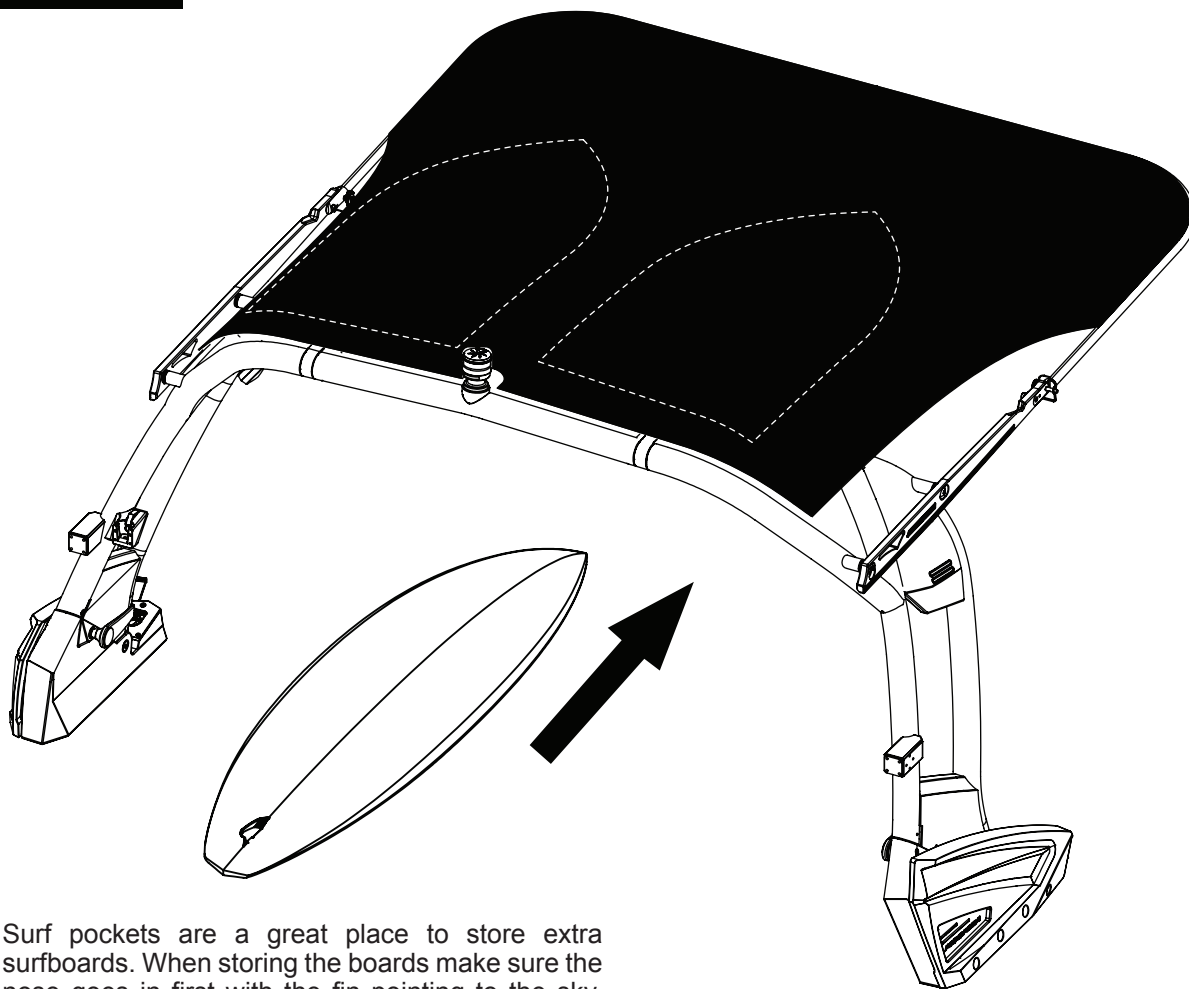
3. Loop the tie down straps over and under the rear tower tube. Adjust the straps to tighten the bimini to the tower.

C**Preparing to use Bimini**

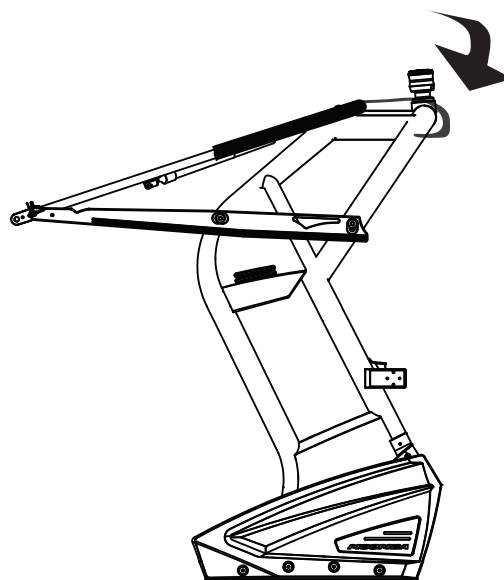
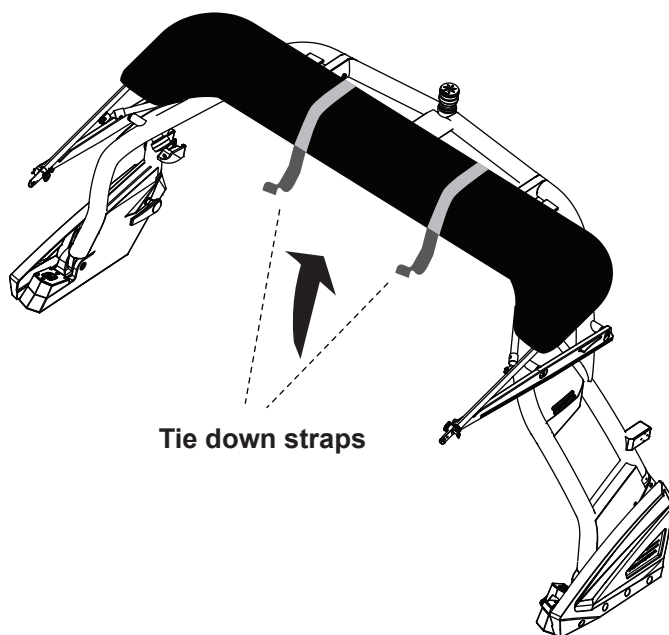
1. Remove the tie down straps from the rear tower tube.



2. Unfold the Bimini forwards, remove the boot and lock the Bimini frame into position.

D**Surf Pockets**

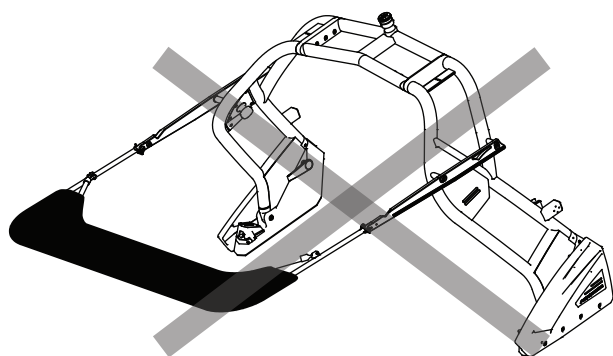
Surf pockets are a great place to store extra surfboards. When storing the boards make sure the nose goes in first with the fin pointing to the sky. Lock the boards in place by securing the bungee strap around the fin(s) of the board.

E**Safe Trailering****! ATTENTION !**

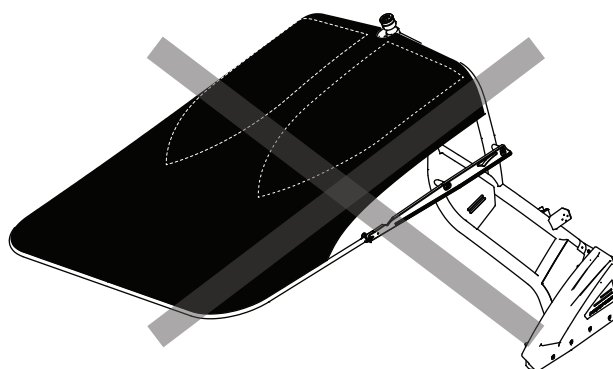
DO NOT TRAILER YOUR BOAT WITH THE BIMINI
IN ITS OUTSTRETCHED POSITION

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

Happy Boating