



Assembly and Installation Instructions: Square Tube Dual Pontoon Top



Please take extra care when unpacking and assembling your Bimini Top. Should you need to return the Bimini Top, it **MUST** be in its original, new condition. The Bimini Top canvas must be clean and dry, and free of debris (including pet hair). Frame components must not be scratched.

IMPORTANT: Bimini Top is packed in 2 boxes secured together for shipping. Main box (heavier box) contains components for the main, 4-bow section of the Bimini Top and all assembly and mounting hardware. Secondary box (lighter box) contains components for the 2-bow Bimini Top extension. Complete Bimini Top will provide 16-feet of coverage and is intended for boats 22-feet and larger.

Before beginning, please make sure all parts listed below are included in your **main Bimini Top package:**

No. 8 x 1/2" Screws	30	Black 1" Polypropylene Hold-Down Straps	2
No. 10 x 1" Screws	20	Long, Metal Side Bow Sections with Braces	2
Finish Washers	2	Medium, Metal Side Bow Sections	2
Universal Deck Hinges	4	Short, Metal Side Bow Sections	4
90° Deck Hinges Drilled for Quick-Release Pin	4	Center, Metal Cross Bow Sections	4
Quick-Release Pin with Lanyard and Eye	4	Bimini Top Canvas with Storage Boot	1
Eye Straps	2	Rivets*	2

*Refer to bottom of Page 2 for Usage Instructions

Before beginning, please make sure all parts listed below are included in your **secondary Bimini Top package:**

Long, Metal Side Bow Sections (with Pre-Installed Braces)	2	Center, Metal Cross Bow Sections	2
Medium, Metal Side Bow Sections	2	Bimini Top Canvas with Storage Boot	1

Minimum Tools Needed: Drill with 9/64" bit, a Phillips head and a flat head screwdriver, pencil, tape measure.



Screws & Finish Washers



Universal Deck Hinge



90° Deck Hinge for Quick-Release Pin



Eye Straps



Hold-Down Straps



Quick-Release Pins



Short, Medium and Long Metal Side Bow Sections

NOTE: Long Bow Sections have pre-installed braces attached.

Begin assembly with the main 4-bow Bimini Top. These instructions show how to assemble the top, with its frame and straps, starting upside-down and inverting to an upright position when attaching to your boat.

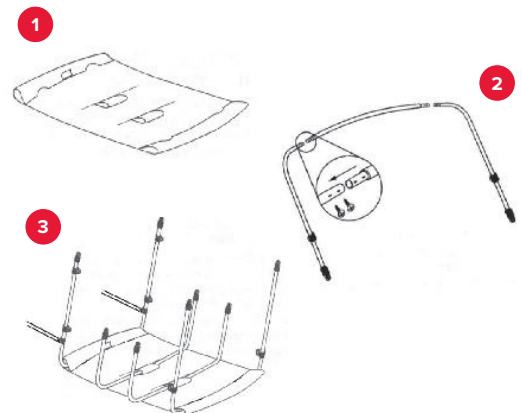
1. Spread the Bimini Top canvas out on a flat, clean area with the bottom side up. Sewn-in label indicates the bottom, or inside, and the back (rear) of the top.
2. Identify the hook-shaped long, medium and short bow side frame sections. Using the long side bow sections and one of the center cross bow sections, assemble as shown by aligning the pre-drilled holes. Use the 1/2" No. 8 screws to connect the bow sections securely.
3. Repeat this procedure for the medium and short bows, aligning the pre-drilled holes and securing them with the 1/2" No. 8 screws.

Caution: If the screw heads become burred, file down the screw heads to avoid damage to canvas.

4. With bows assembled, first insert the MEDIUM bow into the FRONT sleeve (this is the sleeve opposite the end with the sewn-in label). Note the position of the jaw slides and the single pre-drilled holes on the bow frame. The pre-drilled holes should be facing in. Pass the two short bows through the two small sleeves in the center of the canvas. Insert the long bow in the back (rear) sleeve so that the pre-attached braces swing outward to the back (rear).

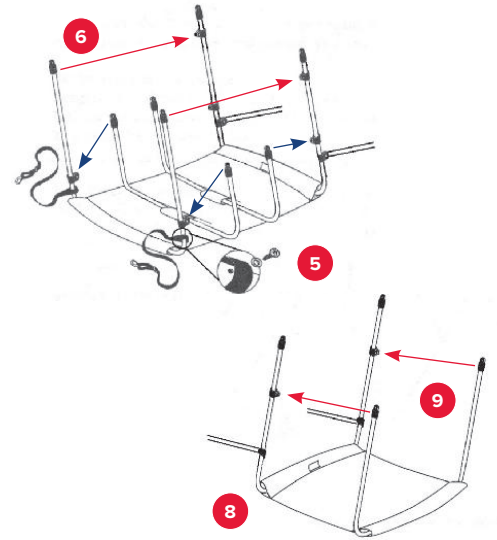


Center Metal Cross Bow Sections



Continued on Reverse

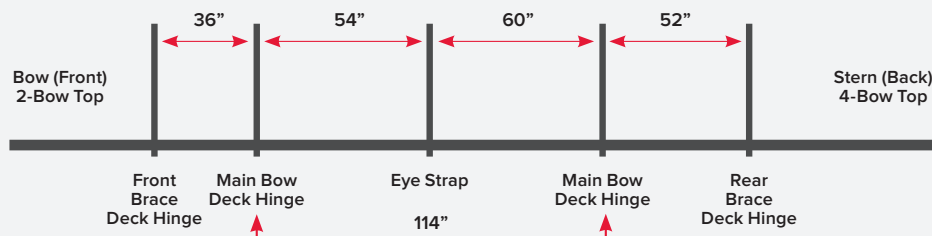
- Pass the looped end of each hold-down strap over each end of the medium (front) bow. Use a 1/2" No. 8 screw to fasten strap to bow frame at each pre-drilled hole position as shown. Position strap over hole and insert screw, with finish washer, through center of strap and into pre-drilled hole.
- Connect medium bow frame ends to the jaw slides closest to the ends of the long bow frame. Next, connect short frame ends to the second set of jaw slides on the long bow frame. Last, connect the other short frame ends to the jaw slides on the medium bow frame. NOTE: Jaw slides should allow short bows to pivot, but be tight enough to hold securely.
- Proceed to the parts in the secondary box. Spread the Bimini Top canvas on a flat, clean area with the bottom side up. The sewn-in label indicates the bottom, or inside, and the front of the top that will face the bow of the boat. Refer to Steps 2 and 3 to assemble the long and medium bows.
- With bows assembled, first insert the long bow into the front sleeve (the sleeve nearest the sewn-in label), making sure the pre-installed braces are facing forward/outward. Next, insert the medium bow into the rear sleeve.
- Connect medium bow frame ends to the jaw slides on the long bow. You are now ready to mount the Bimini Tops on the boat.



Installing the Bimini Tops on the Boat



The following diagram is important to help you mount the Bimini Tops in the most desirable and functional position. All measurements provided are on-center of all deck hinges and eye straps. Pencil all locations before attempting installation so that changes can be made if desired. Since the locations of side gates can vary by boat brand and model, adjustments may be necessary to avoid side gates when mounting the Bimini Tops.



The main (long) bow of each Bimini Top must be mounted 114" apart or the two Bimini Tops will not properly join.

- Begin with the main 4-bow Bimini Top. Invert the top to the upright position. This is easier with two (or more) people, one to hold the top in place and the other to mark the positions of the deck hinges to be attached to the rails of the boat. Measure the marked positions of the hinges carefully being sure to follow the chart above **especially for the distance between the main bow of each top. The main bows must be 114" apart on-center to ensure that the two tops will join properly.** Also, take care to check that the markings for the hinges are exactly opposite each other on port and starboard sides. If hinges are not aligned properly, the top may become warped or damaged and unstable while in use, or look unbalanced.
- Use a drill with a 9/64" bit to drill the pilot holes for the universal deck hinges. Secure the deck hinges with 1" No. 10 screws. Mount the main bow to the universal deck hinges by removing the screw, inserting the eye end, and replacing the screw securely in the universal deck hinges.
- Repeat Steps 1 and 2 to attach eye straps to rails. With the top in the desired upright position, adjust each hold-down strap to a length that will attach **tightly** to the eye straps. Attach straps to eye straps with the snap hook at the end of each strap. Adjust straps to tighten further if necessary. It is important that straps are very tight.
- Retrieve the quick-release pins from the hardware pack. Place the eye (loop) at the end of the cable underneath the screw hole of each 90° deck hinge for the rear braces. Repeat Steps 1 and 2 to secure the 90° deck hinges, being sure the screw passes through the eye. This will prevent the quick-release pins from getting lost. Secure the rear braces to the deck hinges with the quick-release pins.
- Mount the 2-bow Bimini Top. Repeat Steps 1 and 2 to attach the universal deck hinges and mount the main bow.
- Zip the two canvases together. **IMPORTANT: DO NOT ATTEMPT TO MOUNT THE FRONT BRACES WITHOUT FIRST ZIPPING THE CANVASES TOGETHER.** This could result in difficulty or inability to get the canvases to join.
- Mount the front braces by repeating Step 4. NOTE: In some cases it may be desirable to reduce the length of the front braces to achieve a tighter-fitting front canvas. Aluminum braces may be cut down with a hacksaw. Two spare rivets are included for this application.

CAUTION: Always fold down and secure Bimini Tops in the stored position when trailering your boat.