



Carver Square Tube Bimini Top with Zippered Sleeves Assembly and Installation Instructions

Carver Bimini Tops are a classy way to protect yourself and your boat from the elements. They also add style and color to your boat. These instructions make assembly and installation easy. Please read them carefully before beginning.

Caution!



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.



PARTS LIST:

ITEM:

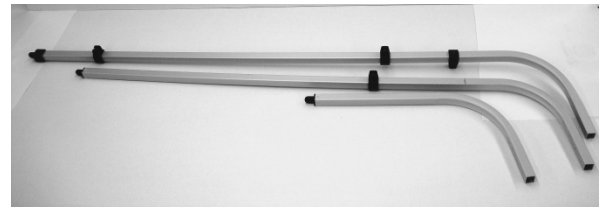
QUANTITY:

No. 8 screws, 1/2" length	20__
No. 10 screws, 1" length	13__
Finish Washers	2__
Long, metal side bow sections	2__
Medium, metal side bow sections	2__
Short, metal side bow sections	4__
Center metal cross bow sections (equal length)	4__
Black, 1" polypropylene hold-down straps	2__
Bimini Top Canvas	1__
Deck Hinges	2__
Eye Straps	2__
Optional Storage Boot	1__
Brace Kit (pair)	1__
Packaged By:	

Minimum tools needed:

Drill with 9/64" bit, a Phillips head and a flat head screwdriver, pencil.

Also helpful: Tape measure or other measuring device.



Short, Medium, Long Metal Side Bow Sections



Center Metal Cross Bow Section



Polypropylene Hold-Down Straps



Universal Deck Hinges



Eye Straps



Stainless Steel Fasteners

Carver Industries, Inc.
P.O. Box 399
Landrum, South Carolina 29356
(864) 457-5820

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www.carvercovers.com



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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.

Step 1. Identify the hook shaped, long A-bow, medium B-bow, and short C-bow frame parts (as shown in figure 1). Assemble one A-Bow frame part and one of the centers by aligning the pre-drilled holes and fastening securely with the #8 x 1/2" screws provided (as shown in figures 2 & 3).

Step 2. Repeat this procedure for the medium and short bows, aligning the pre-drilled holes and securing them with #8 x 1/2" screws.

Caution: If screw heads become burred, cover heads with duct tape to avoid damage to canvas.

Step 3. Attach hold-down strap to each medium B-Bow. Pass looped end of the hold-down strap over the end of the B-Bow (as shown in figure 4). Be sure adjuster buckle is facing out. Use a #8 x 1/2" screw and one finish washer to fasten the strap to the bow at the pre-drilled hole (as shown in figures 5A and 5B). This is easily accomplished by positioning the strap over the pre-drilled hole and placing the finish washer around the shank of the screw before attaching. Note: Each long A-bow has a pre-installed jaw slide (as shown in figure 6A and 6B) to mount the rear braces (rather than a hold-down strap).

Step 4. Connect the ends of the medium B-bows to the jaw slides located at the ends of the long A-bows (as shown in figure 7).

Step 5. Connect the ends of one short C-bow to the remaining jaw slides on the long A-bow. Connect the ends of the other short C-bow to the jaw slides on the medium B-bow (as shown in figure 7). The jaw slides should allow the short C-bows to pivot, yet be tight enough to hold securely.

Step 6. Mount the brace kit by connecting the eye ends to the remaining jaw slides on the long A-bow (as shown in figure 7). Note: The braces are pre-fitted with deck hinges on the opposite ends for mounting to the rails on the boat.

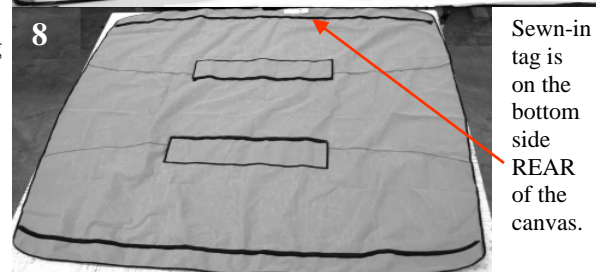
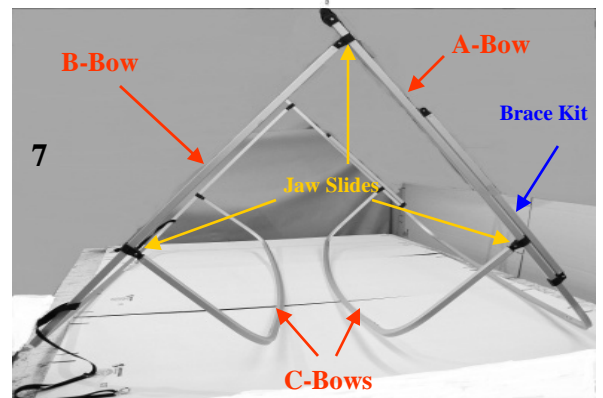
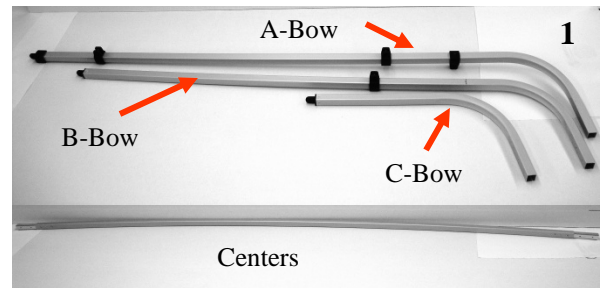
Step 7. Spread the Bimini Top canvas out on a clean, flat surface with the bottom side up. The sewn-in label is located on the bottom (or inside) REAR of the canvas (as shown in figure 8). Unzip the sleeve zippers.

Step 8. Take the assembled frame and lay it on top of the canvas with the long A-bow to the rear (at the sewn-in label). Fasten the zippers on the sleeves over the short C-bows of the frame (as shown in figure 9). You are now ready to flip the bimini top right-side up and mount to the boat (see reverse).

Additional Instructions for Buggy-Style Pontoon Top with Tails:

1. To fit tails properly, pull the tails straight down and mark the snap locations on the rails using a black marker.
2. Drill 1/8" hole where each snap location is marked on the rail. Install the supplied screw studs into each hole. Repeat for all snaps.
3. Snap tails to the rails.

(Note: the additional hardware (6 screw studs) is included in the canvas package.)





Installing the Bimini Top on the boat

Please Note: The process of assembling the bimini frame may cause the width of the frame to expand or retract at the mounting points. If the frame appears too wide or too narrow when you are ready to mount the top on the boat, simply mount one side and, with minimal force, push or pull the opposite side to fit the mounting point on the opposite side.

Step 1. The Bimini Top is now ready to be inverted and positioned on the boat. This is easier with two or more people, one to hold the top in place while another marks the positions of the deck hinges to be attached to the rails of the boat.

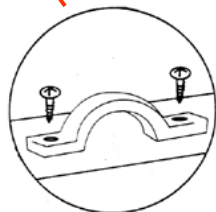
Step 2. Measure the marked position of the deck hinges for the main bow (long A-bow) carefully to make sure they are exactly opposite each other. If not aligned properly, the top may become warped or damaged and unstable while in use, or look unbalanced. Next, measure the marked positions for the deck hinges for the rear braces. These deck hinges should be located so that the braces attach to the boat rails at approximately 45° to 60° angles.

Step 3. Use a drill with a 9/64" bit to drill the pilot holes for the deck hinges. Secure the four deck hinges with the #10 x 1" sheet metal screws provided.

Step 4. Place top on boat, attaching the main bow (long A-bow) ends to the deck hinges securely. Raise the top to desired upright position and attach the ends of the rear braces to the deck hinges securely.

Step 5. Measure the marked position for the front hold-down straps by first adjusting the straps to a length that will attach to the boat rails at approximately 45° to 60° angles. Mark the position of the eye straps on the rails of the boat, measuring to make sure they are exactly opposite on each side of the boat. Use a drill with a 9/64" bit to drill the pilot holes for the eye straps. Secure the eye straps with the #10 x 1" sheet metal screws provided.

Step 6. Attach the snap hooks on the ends of the front hold-down straps to the eye straps and adjust the hold down straps as needed so that they are as tight as possible.



Eye Strap



Deck Hinge

Important note to Top Installer/User: Be sure all set screws, fittings and pre-installed hardware are tight. Vibration can cause screws to loosen over time. Check all fittings frequently and tighten as necessary.

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

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Warranty coverage commences on the original date of purchase. The warranty does not cover normal wear, weather soiling, stains from environmental pollution and/or standing water, cuts from sharp objects, neglect, accident or misuse. The bimini top must be properly installed, utilized and maintained.

If a defect is detected within 12 months of date of purchase, Carver Industries will repair or replace (at its discretion) the product free of charge.

If a defect is detected after 12 months and up to 36 months from date of purchase for three-year warranties, and up to 60 months from date of purchase for five-year warranties, Carver will (at its discretion) repair the defect on a time and material cost basis or replace the product on a pro-rated basis.

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Some states/provinces do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of special, incidental or consequential damages, so these limitations and exclusions may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state/province to state/province.

Call before returning product to receive a Return Merchandise Authorization Number (RMA#), then send warranty claims to:

Phone: (864) 457-5820

Mailing Address

Carver Industries, Inc.
Post Office Box 399
Landrum, SC 29356

Shipping Address

Carver Industries, Inc.
212 North Lyles Ave.
Landrum, SC 29356



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Please enclose a note describing the defect and be sure to include your full name and address inside the package.