



Universal Tower Bimini Top Supplemental Parts and Instructions

Congratulations on the purchase of your Tower Bimini! Please read this brief supplemental parts and instruction sheet before referring to the enclosed Bimini Top Installation Guide.

PARTS LIST: SEE REVERSE

ASSEMBLY INSTRUCTIONS: The assembly steps for a Carver 3-Bow bimini top (page 3 of the enclosed Installation Guide) are correct with the following exceptions:

- In Steps 2 and 3, the metal bow sections are color-coded for ease of assembly.
- Step 6 is not applicable.

Visit our website, www.carvercovers.com, for helpful videos of the assembly process.

INSTALLING THE TOWER BIMINI

1. Place the folded bimini top in the storage boot.
2. Using the straps on the boot, secure the bimini to the top of the tower, adjusting the straps to the desired storage height (typically beneath the speakers, if applicable).
3. Prepare to install the tower clamps. Clamps are standard 2-3/8" inside diameter. A 3-foot length of black rubber gasket is provided for each clamp. If the diameter of your tower is smaller than 2-3/8", wrap a sufficient amount of rubber gasket around the tower so that the clamp will fasten tightly around the tower leg. For 1-7/8" towers, the entire 3-foot length of gasket will be used. For 2-3/8" tower diameter, a single wrap of gasket will help prevent the clamp from scratching the tower.
4. Using the Allen wrench provided, install the tower clamps on the rear tower legs parallel to the bottom fittings on the bimini frame. The tower clamps should be positioned with the thumb screw facing the inside of the boat. Since no drilling is required, the tower clamps may be easily adjusted as needed.
5. Attach the bimini to the tower clamps and disconnect the boot straps so that the bimini drops to the rear.
6. Unzip the boot and deploy the bimini. Pivot the bimini upward to install the adjustable hold-down straps located at each corner of the bimini.
7. Mark the position of the eye straps on the gunnel of the boat, measuring to make sure they are exactly opposite each other on each side of the boat. The position of the eye straps should be such that 45 to 90 degree angles are formed with the front and rear bow (a wide letter "M" as shown) when the hold-down straps are secured. Be sure to leave room for strap adjustment!
8. Use a drill with a 9/64" bit to drill the pilot holes for the eye straps. When drilling into fiberglass, be sure to hollow out the pilot holes slightly with the drill bit. Secure the eye straps with the No. 10, 1" sheet metal screws provided. Attach the hold-down straps to the eye straps.
9. Adjust the bimini to the desired position by adjusting the front and rear hold-down straps. Make sure the canvas is as taut as possible to prevent loose fabric from whipping in the wind.
10. If you ordered brace options with your tower bimini, the braces are easy to adjust and install. All braces are 24" long, standard. To reduce the length of a brace, simply remove the eye end by loosening the set screw. Cut the brace to the desired length with a hacksaw and replace the eye end. Fasten the hinged jaw slide to the frame by tightening the set screw, and secure the eye end to the bolt on the jaw slide. Attached the opposite end of the brace to the tower with the tower clamps, thumb screw toward the inside of the boat.



Tower Bimini. Stored Position



Placement of the hold-down straps should form the letter "M". Straps should form a 45 to 90 degree angle with each bow.



Optional braces are easy to adjust and install.

Universal Tower Bimini Top Parts List

The parts required for the assembly and installation of your tower bimini are the same as a standard Carver 3-bow bimini top with the following exceptions:

- Where 12 No. 10 screws, 1" length are provided, only 8 are necessary.
- Where center metal cross bow sections (equal length) are specified, cross bow sections are not equal length, and are identified with color-coded stickers for ease of assembly.
- Where 2 black, 1" polypropylene adjuster straps are specified, none are required.
- Where 2 deck hinges are specified, 2 tower clamps, 2 rubber gaskets, 2 thumb screws and 1 Allen wrench are provided.

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Item	Quantity Per Top	Quantity with Single Brace Option	Quantity with Double Brace Option
No. 8 screws, 1/2" length	16__	16__	16__
No 10 screws, 1" length	12__	12__	12__
Finish washers	4__	4__	4__
Long, metal side bow sections	2__	2__	2__
Medium, metal side bow sections	2__	2__	2__
Short, metal side bow sections	2__	2__	2__
Center metal cross bow sections	3__	3__	3__
Black polypropylene hold-down straps	4__	4__	4__
Bimini Top Canvas	1__	1__	1__
Bimini Top Storage Boot	1__	1__	1__
Tower Clamps	2__	4__	6__
Rubber Gaskets	2__	4__	6__
Thumb Screws	2__	4__	6__
Allen Wrench	1__	1__	1__
Eye straps	4__	4__	4__
24-inch aluminum braces	0__	2__	4__
Hinged jaw slides	0__	2__	4__

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

www.carvercovers.com



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