

Bimi-Tee Top

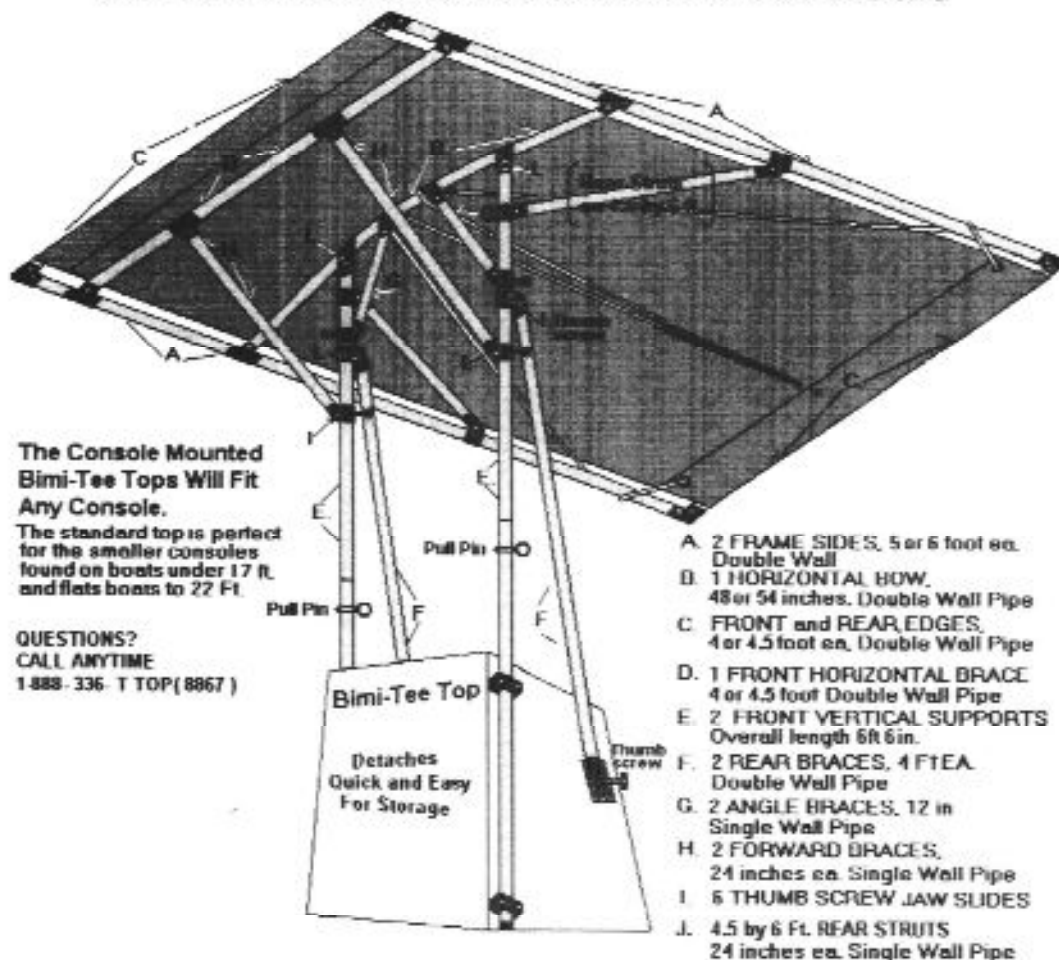
Overview and Installation Instructions, Console Mount

INTRODUCTION

The Bimi-Tee Top can be installed on any center console boat. The overview and "step by step" instructions are detailed and intended for the "handy" non professional. If "do it yourself" projects are not your thing, seek out a handy friend to help you. In any case, **thoroughly read the overview and the directions before you begin.** Remember that the race is not always to the swift. Relax and enjoy yourself, allow about 2 to 3 hours to install the top. **Use care when you install the two 6.5 ft. Vertical Supports.** The alignment of these two Supports set the stage for the correct installation of your Bimi-Tee Top. It is important that the relative positions of the two Vertical Supports match. The second Support should be aligned to match the first before the bottom clamp is fully secured to the center console. The installation is based on **symmetry**. Consequently, whatever you do on one side, you simply match and repeat on the other side. After completing the basic frame assembly, you'll adjust the Front Horizontal and Forward Braces to level the top. By simply matching the positions of each component, you'll achieve the look and durability of a professional installation. If you need help, don't hesitate to call. We know how to install the tops on boats just like yours and we will happily answer any questions about your installation.

NEW CONSOLE MOUNT BIMI-TEE TOP 4 by 5 Ft. or 4.5 by 6 Ft.

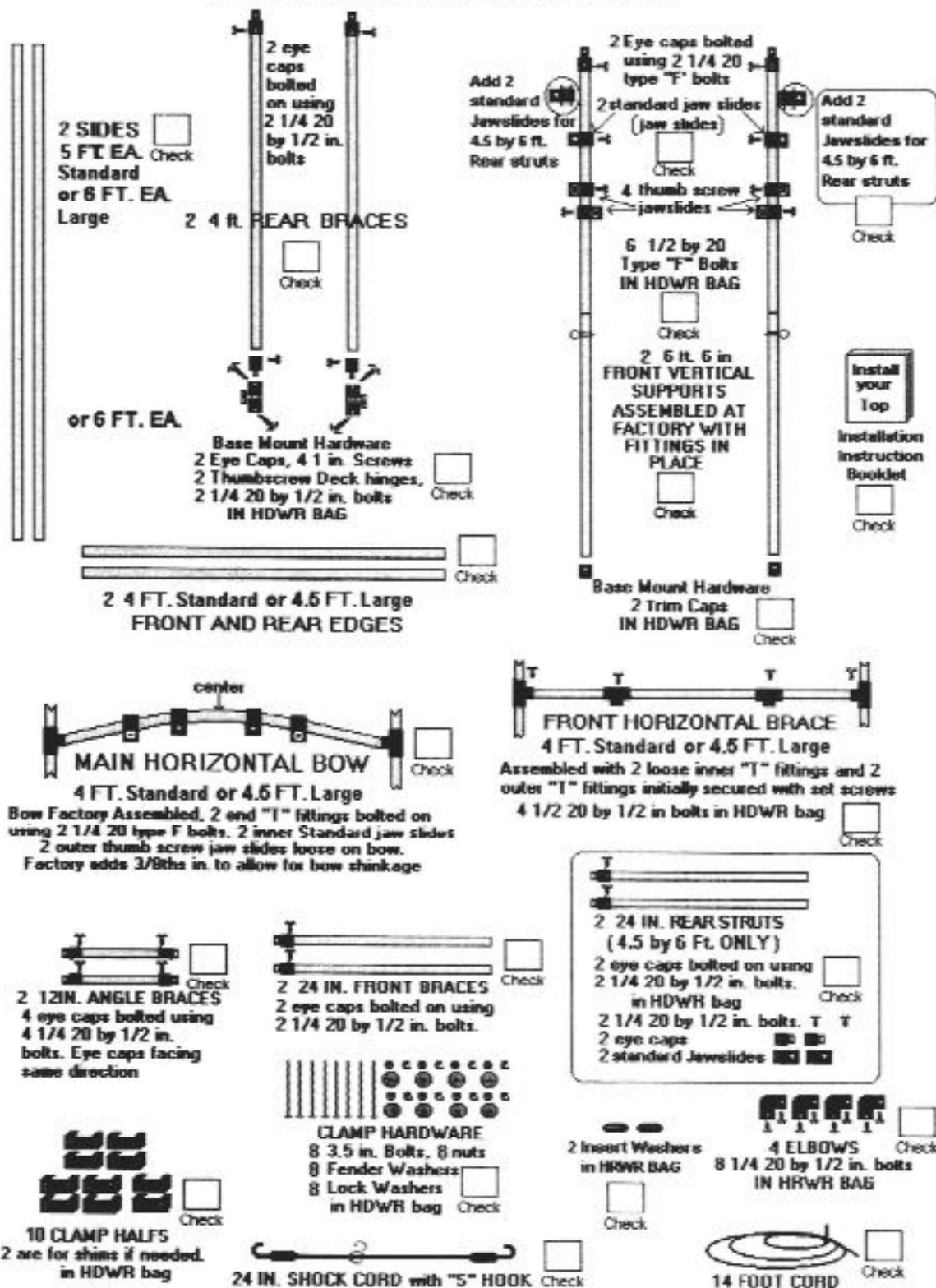
THE HORIZONTAL BRACE AND 2 FORWARD SUPPORTS MAINTAIN THE LEVEL OF THE TOP AT HIGH SPEEDS. THE BRACE ELIMINATES THE NEED FOR CABLES OR STRAPS AND PROVIDES THE STRUCTURAL STRENGTH NECESSARY TO SUPPORT AN OPTIONAL WEATHER ENCLOSURE.



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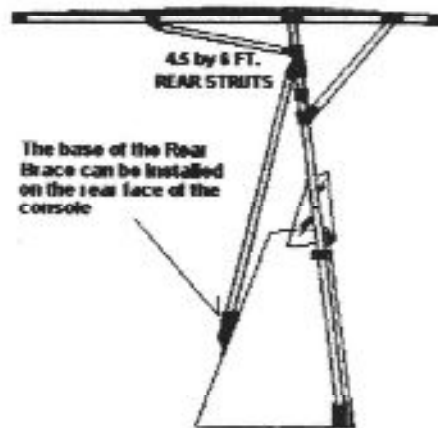
BIMI-TEE 4 BY 5 FT. OR 4.5 by 6 Ft. CONSOLE MOUNT TOP PARTS, ASSEMBLY AND PACKING DIAGRAM



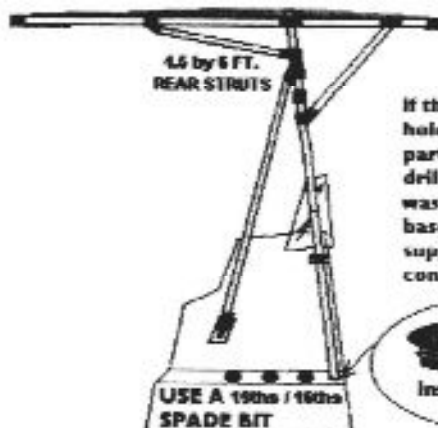
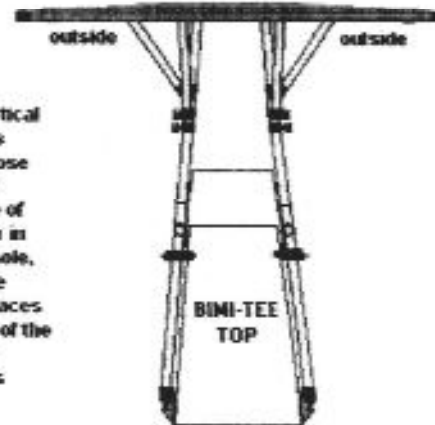
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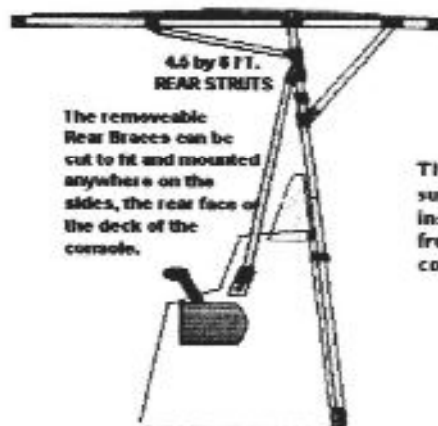
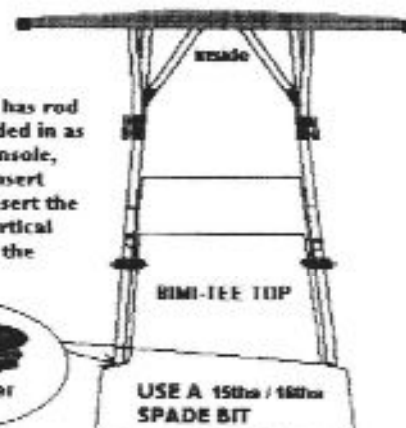
The Console Mount Top Can be easily installed On Any Center Console



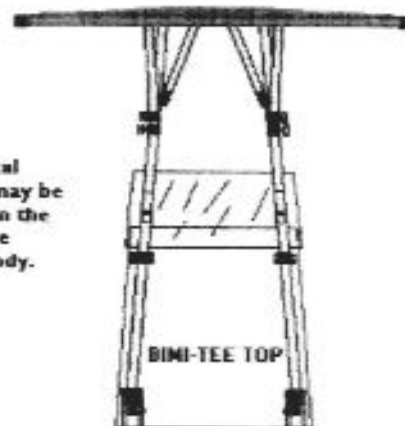
If the vertical
supports
come close
together
because of
the taper in
the console,
place the
angle braces
out side of the
vertical
supports



If the console has rod
holders moulded in as
part of the console,
drill, use an insert
washer and insert the
base of the vertical
supports into the
console



The Vertical
supports may be
installed on the
front of the
console body.



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Overview and Installation Instructions, Console Mount

A. FIRST: INSTALL THE VERTICAL SUPPORTS

1. Find the two 6ft. 6in., (78 in.), Vertical Supports. Position the Vertical Supports as near the front of your console as is practical. **Look inside your console** and consider interior items that may conflict with the mounting location hardware, such as, gas tanks, electrical panels, steering, ect. Check **both** sides for matching mounting locations, (the final location and angle of both Vertical Supports must match). The Supports should be more or less vertical, following the lines of your console.

2. Place a clamp on a Vertical Support and hold the Support in various positions on the side of the console to determine suitable mounting locations. The Vertical Supports may be positioned anywhere on the sides, or even on the front near the sides, of your center console. The Verticals may lean in or out from the side of the console, depending on the shape of your center console. They can mount positioned on the inside of nearly all factory installed hand rails. In addition, we provide two extra clamp halves which may be used as shims if you find it necessary to mount the Verticals clear of hand rails, windshields and other obstructions.

3. Install a Vertical Support; After checking for suitable positions where you can install both Vertical Supports in matched relative locations, with the Vertical Support resting at the base of the console, use one of the clamps and install one of the Vertical Supports.

NOTE: The clamps should be installed at the highest possible points on the console. (The Vertical Supports will be stronger when the distance between the clamp and the base of the Vertical Support is longer). In any case, try to place the **clamps at identical locations** on both sides of the console. Hold the clamp and the Vertical Support in its mounting position and using the clamp as a template, drill one hole. Secure the Vertical Support and clamp with one of the #10 3 ½ in. bolts.

NOTE: All of the bolts supplied are # 10, use a 11/64ths bit, it will allow the bolts to temporarily thread into the console and hold. You'll fully secure the bolts later with flat washers, lock washers and nuts.

4. Check and adjust the angle of the Vertical Support, when you are satisfied with the angle, drill the second clamp hole. Use another 3 ½ in. bolt and tighten the clamp just enough to hold the Support in position. Place a trim cap on the base of the Support.

5. If necessary, Adjust for height. When the Vertical Support rests on the deck at the base of the console, the standard height will be 6 ft 6 inches. **You can raise the height** of the top above the standard 6 foot 6 inch height to a maximum of 6 ft. 10 inches by sliding the Vertical Supports up in the Clamps. (**Installation Note:** Let the Verticals rest on a small block so that both sides are equal in height). **You can lower the height** of the top by cutting one to four inches off both Vertical Supports

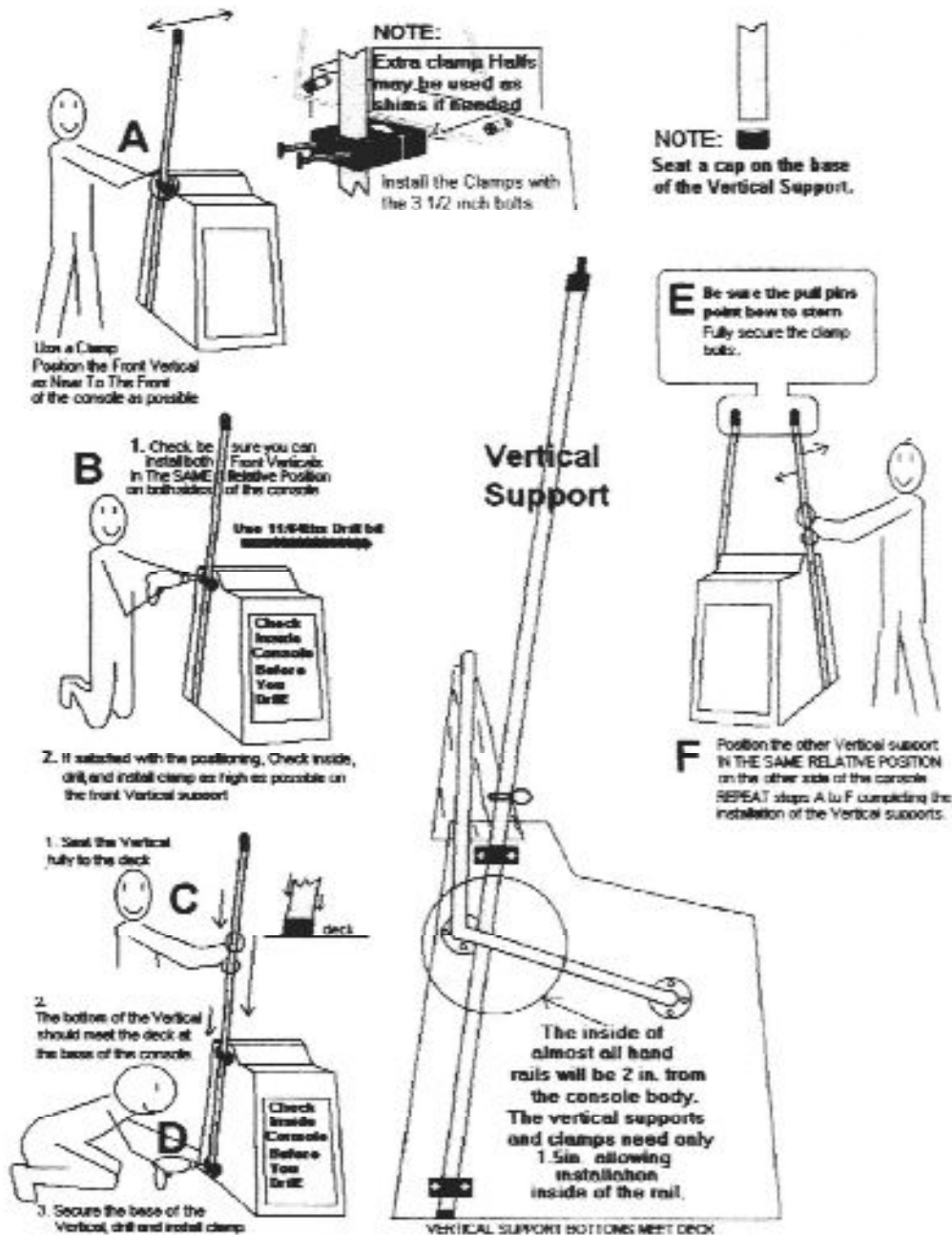
6. When the desired height is correct, align the pull pin holes and eye cap bolts to face bow to stern, (be sure you seat a trim cap), before you tighten the clamp bolts.

7. Secure the base of the Vertical Support with a clamp. Be sure that the trim cap is fully seated and that the Vertical rests flush to the deck. **Check and make any fine adjustments as to the angle** of the Vertical Support, when you are satisfied with the angle, drill the clamp holes. Secure the clamp hinge with two of the 3.5 inch #10 bolts provided.

8. The first Vertical Support that you install becomes your model for the second Support. Exactly match the relative position of the first Vertical Support when installing the second Support on the other side of the console. Try to match the relative position of the first clamp when you install the second clamp on the other side of your console.

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INSTALLATION TIPS: When you mount the Vertical Supports, use a single bolt in the clamp so that the Vertical Supports can be pivoted before you drill the second clamp hole. When you are satisfied with the angle of the Vertical Support, then drill the other clamp

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B. INSTALL THE MAIN, (BOWED), HORIZONTAL SUPPORT BAR

The main Horizontal Support Bar has 4 factory pre installed jaw slides. (The Bar is bowed to allow for rain water runoff). The two outermost jaw slides have thumb screws. They will attach directly to the two Vertical Supports. The two innermost bar jaw slides connect to the Angle Braces. The two Angle Braces will be positioned between the Horizontal Support bar and the Vertical Supports at an angle. The angle braces will form an inflexible triangle that adds rigidity and strength to the frame structure.

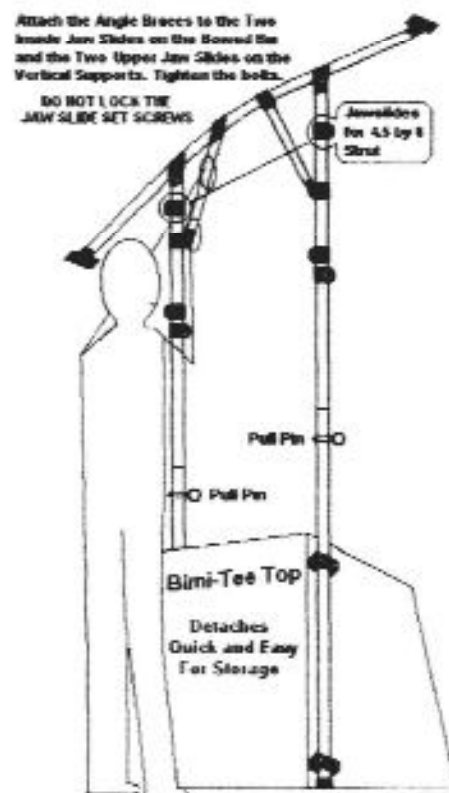
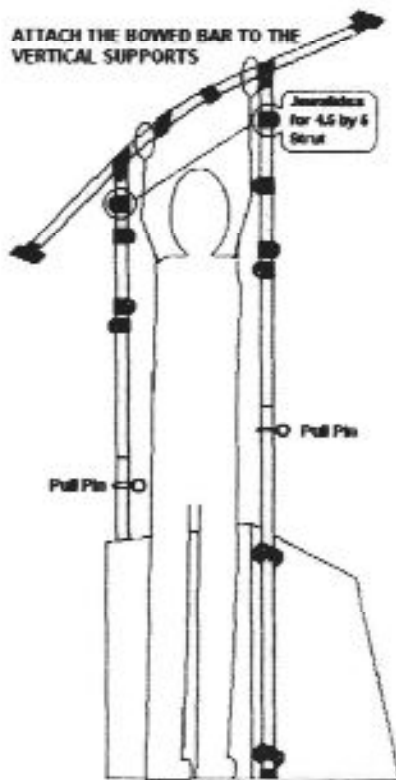
When you attach the Horizontal Support bar to the Vertical Supports it will form a "T" over the center console. Until you lock the set screws, the Bar will slide side to side across the top of the Vertical Supports. The Horizontal Support bar is designed to allow you to center and lock the Bar in a permanently centered position over the Vertical Supports. This simple ability allows the Bimi-Tee Top to fit any console perfectly.

1. Stand behind the your console, facing the bow, hold the Horizontal Bar so that the jaw slide thumb screw heads face the stern and attach the two outermost jaw slides on the bar to the Vertical Supports. Tighten the jaw slide thumb screws.

2. Find the two 12 inch Angle Braces. They are capped on both ends of each tube.

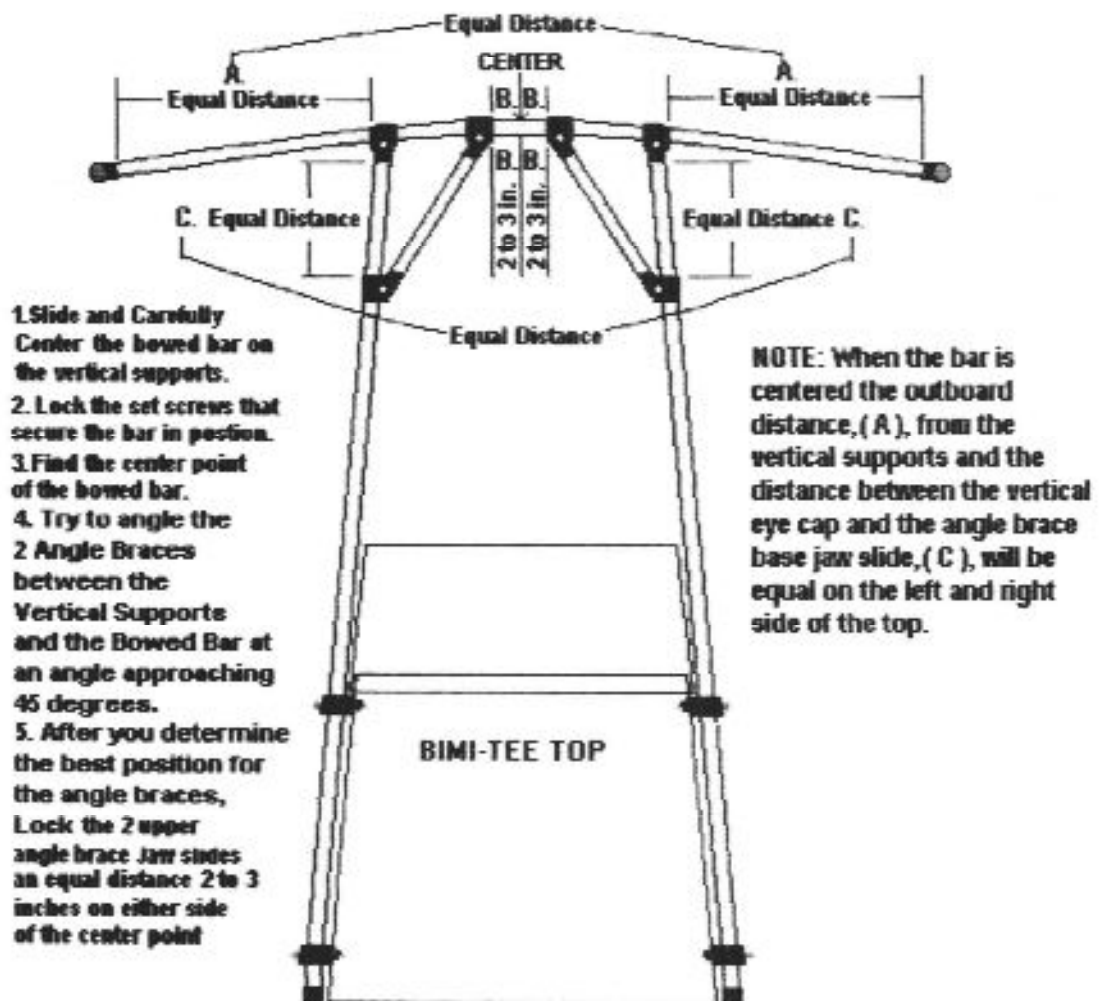
3. Attach the Angle Braces to the two inner jaw slides. Tighten the jaw slide bolts and let the Angle Braces hang from the bar.

4. Connect the Angle Braces to the **appropriate** Vertical Support jaw slides as indicated. Then, tighten the jaw slide bolts.



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Overview and Installation Instructions, Console Mount CENTERING THE MAIN, (BOWED), HORIZONTAL SUPPORT BAR



C. CENTER THE MAIN, (BOWED), HORIZONTAL SUPPORT BAR

- 1. Attach the two Angle Braces to the two inner Horizontal Bar jaw slides and then attach the Angle Braces to the two appropriate jaw slides on the Vertical Supports before you center the Bar.**
- 2. After attaching the Angle Braces, you'll notice that the Angle Brace jaw slides move in opposite directions, one up and one down, on the Vertical Supports when the Bar is moved off center.**
- 3. Center the Bar by eye** and then check the distance from each end of the Horizontal Bar back to the Vertical Supports. When the Bar is centered the distances will match. Lock in one of the slides on the bar that connects to one of the Vertical Supports, then check again to be sure the distance is equal and lock in the other slide on the Bar that connects to the other Vertical Support.
- 4. After you are satisfied that the bar is centered, lock all the set screws.**
- 5. Measure and adjust the Angle Brace distances from the center point of the Bar and then lock the Angle Brace jaw slides on the bar.**

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6. Measure the distances from the top caps along the length of the Vertical Supports to the Angle Brace jaw slides. The distances should be equal on both Vertical Supports if the bar is centered.

7. Adjust as follows;

A. Position both Vertical Support Angle Brace slides at approximately equal positions on the Vertical Supports. Remove the play in the one of the two jaw slides that connect the Angle Braces to the Vertical Supports and lock one of the Angle Brace Vertical Support jaw slide set screws.

B. Check both sides again, After adjusting the loose side to remove all play, measure both sides again. When you are satisfied that the distances are equal, lock the other Angle Brace Vertical Support jaw slide with the jaw slide set screw. The Bar, the Angle Braces, and the Vertical Supports will form a simple, rigid "T", with reinforced corners, that fits over your boats center console perfectly.

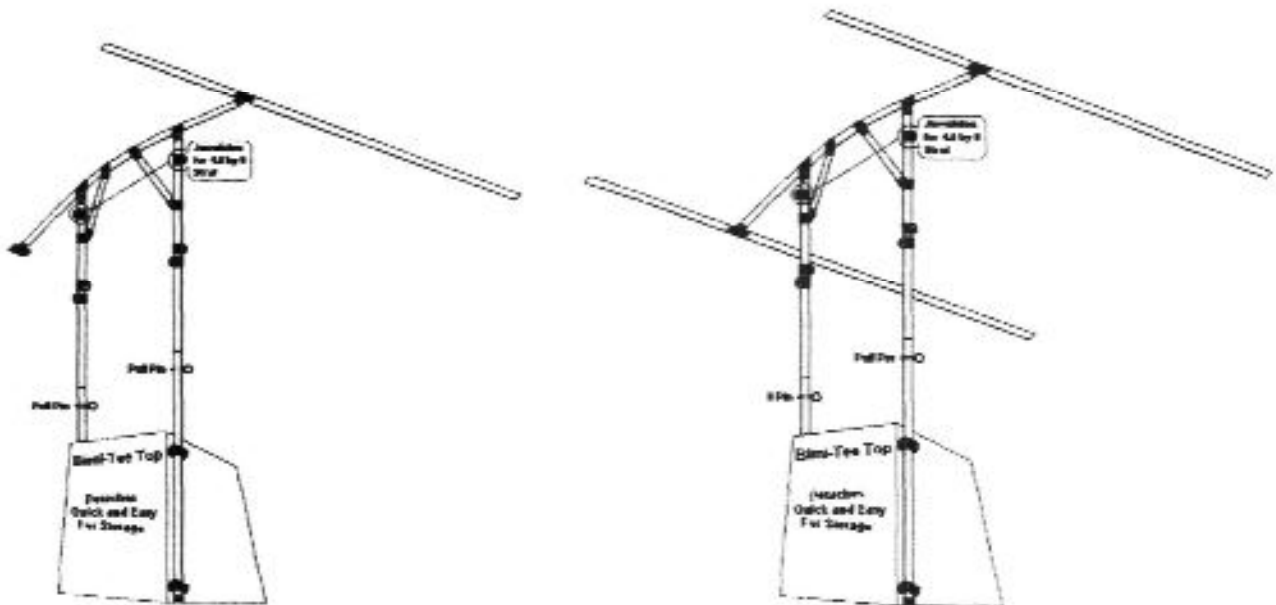
D. INSTALL THE COVER FRAME SIDES

Now that you have centered the Bar and locked the Angle Braces in position, the Horizontal Support Bar will support the Cover Frame Sides.

1. Find and then slide the two five foot Cover Frame Sides in the T's at each end of the Horizontal Support Bar.

2. Position the Cover Frame Sides so that **22 in. (4by 5 ft. top), or 26 in. (4.5 by 6 ft. Top),** of each Side is forward of the "T" fitting on the Bar leaving three feet or 3 foot 8 inches behind the Bar.

3. Measure to be sure that both Cover Frame Sides match in position, then lock each set screw to secure the Sides in place.

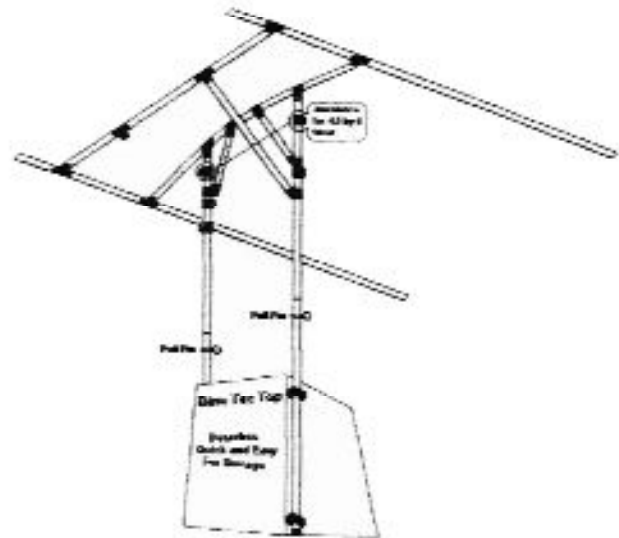
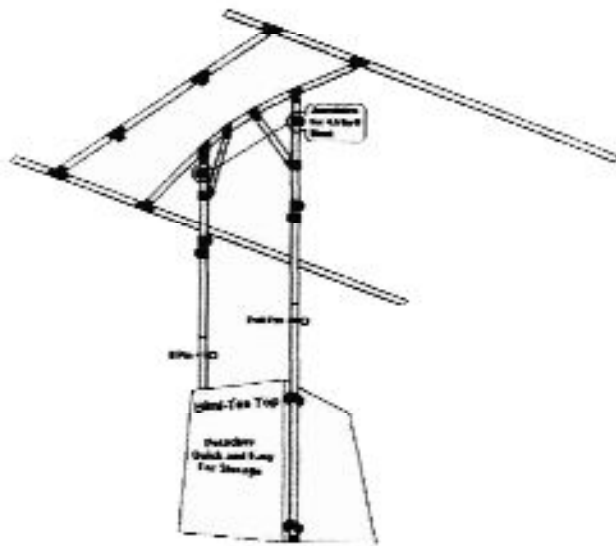


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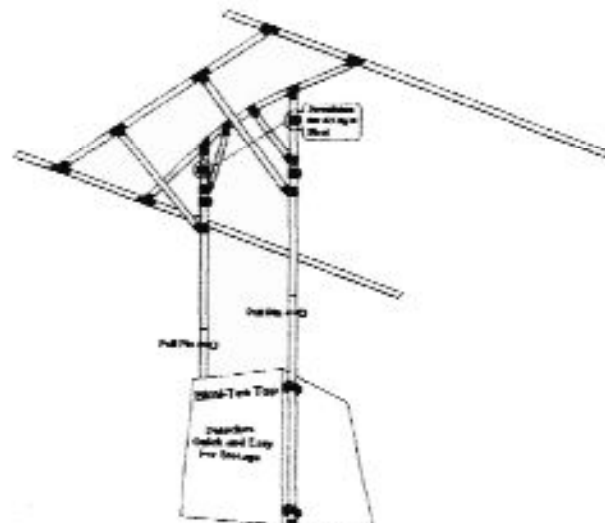
E. INSTALL THE FRONT HORIZONTAL BRACE

The Horizontal Brace is not bowed. It also has "T" fittings on both ends and it is pre-assembled with two loose inner "T" fittings. The "T" fittings slide to allow connection to the Forward Braces in the correct alignment. When installed, the 2 Forward Braces will not allow the leading edge of the cover frame to lift at high speeds, while, at the same time, the Braces provide sufficient support to allow the Bimi-Tee Top to carry a weather enclosure. Loosen the set screws on the Horizontal Brace "T" fittings to slide the Brace on the cover frame sides. Stand in front of the console and slide the Horizontal Brace, (set screws facing down), into position, about 6 inches, past the ends of the Cover Frame Sides. After the horizontal Brace is connected to the Forward Braces, moving the Brace's position in combination with the Forward Braces will allow you to level your top.



F. ATTACH THE FORWARD BRACES

1. Find the two 24 inch Forward Braces.
2. Attach the capped end of the Braces to the jaw slides on the Vertical Supports as shown and fully tighten the bolts.
3. Fully seat the other Brace ends into the two "T" fittings on the Horizontal Brace and lock the set screws.

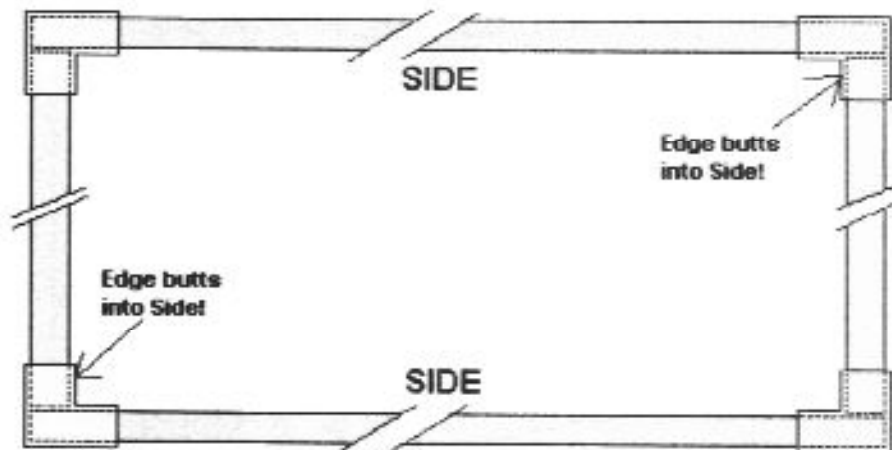


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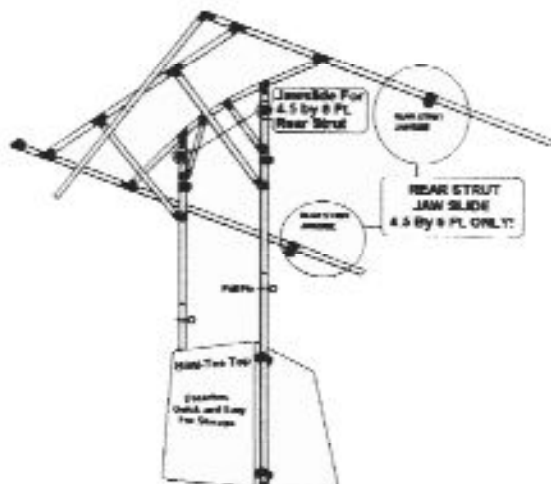
Overview and Installation Instructions, Console Mount

G. INSTALL THE COVER FRAME EDGES WITH THE ELBOWS

NOTE: It is important that you make sure that all four elbows are fully seated on the front and rear ends of both Sides of the cover frame. The cover will not fit the frame correctly if the elbows are not installed properly. SEE ILLUSTRATION BELOW



1. Loosen or remove the two set screws from each of the elbows. Seat the elbows on the front end of the Cover Frame Sides. Then insert one end of an Edge until the end of the Edge butts against the Side, make sure the elbow remains fully seated as far as possible on the Sides. **2. Lock the Edge in position with a set screw. Do not lock the elbow on the Side at this time.** **3. Rotate the Edge up to meet the elbow while turning the elbow to meet the Edge. Be certain the elbows are fully seated.** (Both the Front and the Rear Edges should butt into the Sides). **4. Seat the Edge fully home and lock the set screw.** Gently hammer both elbows to insure that they are fully seated on each Side. The elbows will align the Cover Frame Edge and Sides in the correct position. **5. Be certain both elbows are fully seated on the Sides and fully lock the all elbow set screws on both Sides** completing the installation of one of the edges. **6. ON LARGE TOPS ONLY, Slide 1 Rear Strut Jawslide** on each Side behind the bowed bar and install the Rear Edge the same way.



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H. LEVEL THE TOP

You can now level the Cover Frame. Until you lock the "T" fitting set screws on the Front Horizontal Brace and the jaw slides that connect the bottom of the Forward Braces to the Vertical Supports, the Cover Frame can pivot like a child's seesaw on the Vertical Supports.

1. Start by locking the Horizontal Brace in position six inches behind the Front Edge. Be sure both "T" fittings on each end of the Brace are locked in identical positions on both Sides of the Cover Frame. Judge by eye, and lift or lower the jaw slides at the base of the Forward Braces to level the Cover Frame. (sliding the Horizontal Brace will also cause the Cover Frame to tilt if you find it necessary). In any case, the Cover Frame should be parallel to the deck.

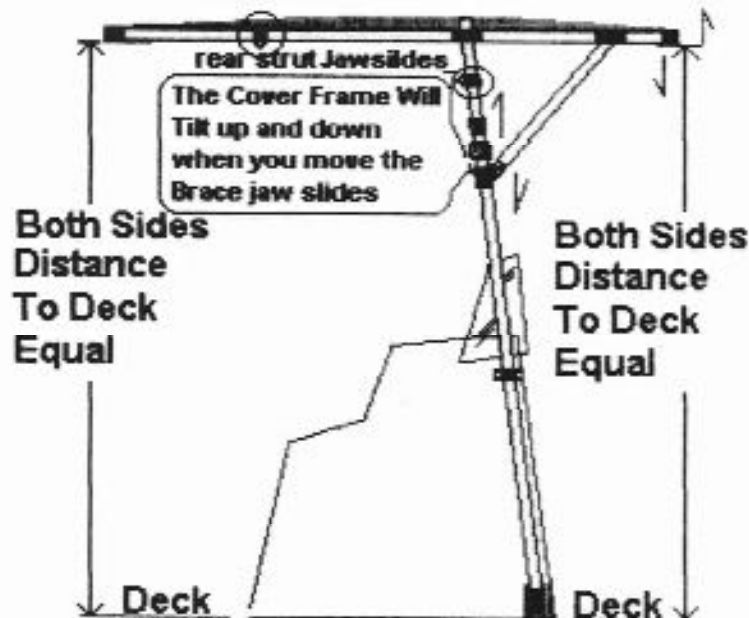
2. When the Cover Frame looks level, lock in the jaw slides that connect the bases of the Forward Braces to the Vertical Supports.

3. After you level and lock in the Cover Frame, stand under each corner elbow and use a tape or any length of material and check to see if the Cover Frame corners are equally distant from the deck. Adjust if necessary to level the top.

4. Double check to be sure be that you have exactly matched the relative base positions of both Forward Brace jaw slides on the Vertical Supports.

5. Double check to be sure be that you have exactly matched the relative positions of the horizontal Brace T fittings on both sides of the Cover Frame. NOTE: The positions of the Forward Braces, the Horizontal Brace and the "T" fittings on the Horizontal Brace will vary from boat to boat. When the relative positions of the jaw slides and all "T" fittings match on both sides of the top, the Cover Frame will be level and complement the lines of your boat.

6. When you are satisfied that the Cover Frame is level to the deck and the relative positions of the fittings exactly match, Lock all the fitting set screws.



Note: The "T" Fittings on the Horizontal Brace should be in matched positions that will allow the Forward Braces to connect and fully seat into the open "T" fitting ends.

Bimi-Tee Top

Overview and Installation Instructions, Console Mount

I. INSTALL THE REAR VERTICAL BRACES

Since the Console Mounted tops are designed to fit any console, the two detachable Rear Braces need only a single deck hinge fitting at the base of the Brace. The tops of the two Rear Braces connect to jaw slides with a removable thumb screw on each Vertical Support. The base of each Rear Brace is secured with a deck hinge that also utilizes a removable thumb screw. Until you lock the connecting jawslide set screws, the Braces can swing in or out from the top of the Vertical Supports. The base mount can be positioned just about anywhere on the console. The base eye cap and deck hinge assemblies will adjust to mount flush on any surface. You may find it convenient to shorten one or both of the Rear Braces to suit a particular mounting location. The Braces may be cut with a hack saw or a tube cutter. Within reasonable limits, It will not hurt the structural integrity of the top if you shorten one or both of the Rear Braces. The top will look best when the Rear Braces are mounted in the same relative position on both sides of the console. However, structurally, it is only important that the Rear Braces brace and serve to secure the position of the Vertical Supports.

Start by checking both sides of the center console. Check for fittings attached to your center console that may interfere with the mounting locations. **Be sure to look inside your console. NOTE: It is better to form a larger triangle, in other words, to have more distance between the Front Vertical Supports and the base of the Rear Braces. This will enable the Rear Brace to buttress the Vertical Supports and increase the stability of the installation.**

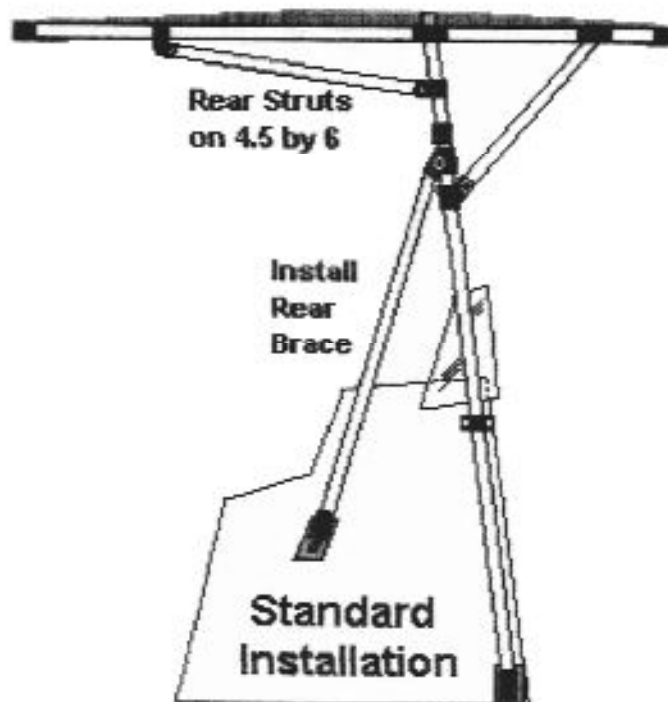
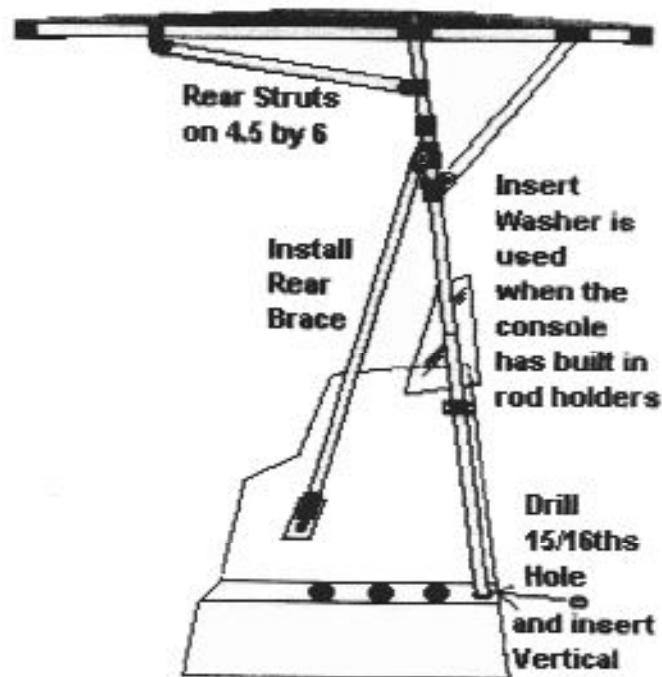
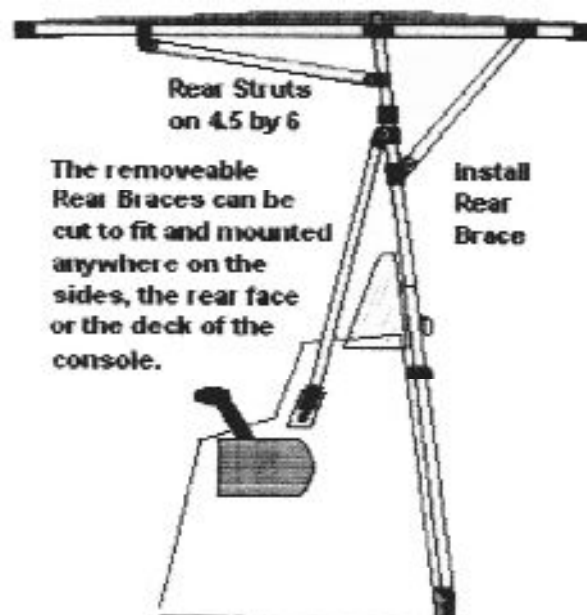
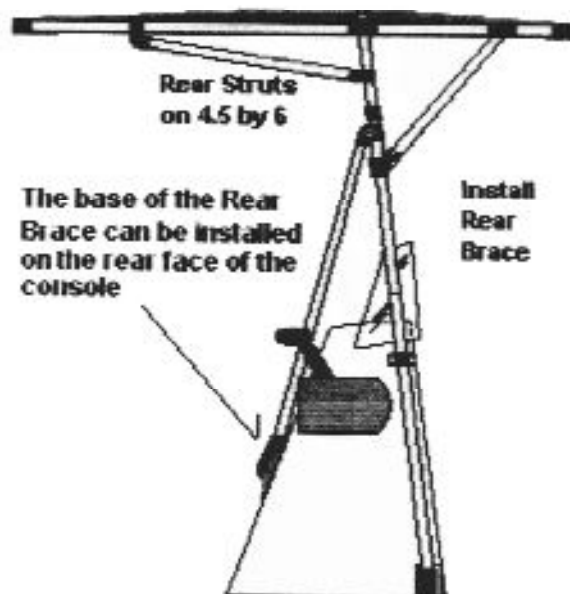
- 1. Find the two 4 foot Rear Braces,** both have a factory installed eye cap on one end.
- 2. Connect the pre installed eye cap end** of one of the Rear Braces to one of the two jaw slides remaining on the Vertical Supports. These jaw slides will have a thumb screw.
- 3. Slide the jaw slide up and butt it under the jaw slide** that connects the base of the Angle Brace to the Vertical Support.
- 4. Find one of the thumb screw deck hinges** and an eye cap and connect them.
- 5. Place the eye cap and deck hinge assembly on the base of a Rear Brace** and while butting the upper jaw slide that connects the Rear Brace to the Vertical Support, lay the eye cap and deck hinge assembly against the console body and check for satisfactory mounting locations.
- 6. Remember that the Rear Braces actually Brace the Vertical Supports.** Be sure you pick base positions will allow the Braces to adequately brace and stabilize the Vertical Supports.
- 7. When you have found two suitable locations lock the upper jaw slide set screws** on the Vertical Supports, Push the Vertical Supports slightly forward when you install the Rear Braces to be sure that you remove any slack between the Vertical Supports and the base of the Rear Braces. Hold the brace in position and secure the deck hinges with two 1 in. #10 screws provided.

J. INSTALL REAR STRUTS (4.5 by 6 FT. TOP)

- 1. Connect a capped end to a Rear Strut Jawslide**
- 2. Seat an eye cap on the other end and connect to the other Rear Strut Jawslide.**
- 3. Tighten the bolts.**
- 4. Position the Rear Strut Jawslide on the Vertical Support about 4 inches below the bottom of the Vertical eye cap and lock the jawslide set screw.**
- 5. If you have leveled the top, push the rear jawslide to remove any slack and lock the jawslide set screw on the cover frame side.**
- 6. Install the other strut the same way.**

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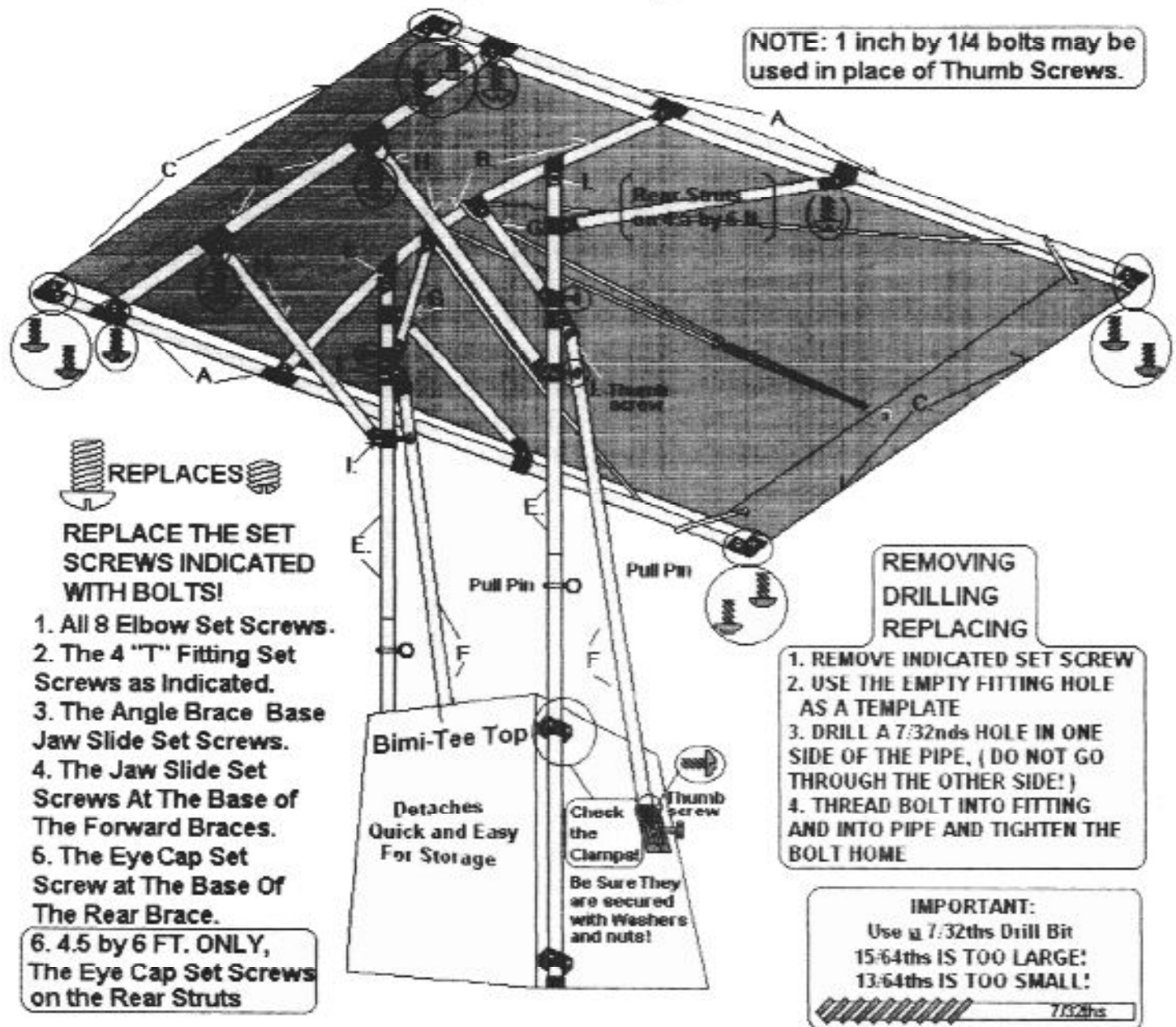
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(Be sure you are satisfied with the Frame alignment. Replacing set screws with the threaded $\frac{1}{2}$ or $\frac{5}{8}$ inch x $\frac{1}{4}$ stainless bolts will permanently lock the frame in position).

BOLTING THE TOP NEW CONSOLE MOUNT BIMI-TEE TOP 4 by 5 Ft. or 4.5 by 6 Ft.

NOTE: 1 inch by $\frac{1}{4}$ bolts may be used in place of Thumb Screws.



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L. INSTALL THE COVER

A. ZIPPER COVER

1. Check to see if your cover has a zipper.
2. Lay the front of the zipper cover over the Front Edge and use the zipper to close the loop over the Front Edge of the cover frame.
3. The zipper covers do not require the temporary removal of an elbow.

B. SEWN FIXED LOOP COVER

1. Unscrew a bolt on one of the front corner elbows that bolts the Front Edge to an elbow. **Do not unbolt the elbow from the Cover Frame Side.**
2. Gently separate the Front Edge bar from the elbow.
3. Unfurl the cover and find and open the looped end of the cover. With the seam facing the deck, slide the cover over the Front Edge until the cover is fully looped around the pipe and the open end of the Front Edge protrudes through the loop. The loop allows the cover to roll and unroll on the Front Edge of the cover frame.
4. Reinsert the Edge in the corner elbow. Rebolt the Edge in position. The fixed loop cover will permanently hang between the elbows on the Front edge.

M. ADJUST THE COVER ROPE (SEE ILLUSTRATIONS)

1. **Toss** the cover over the Horizontal Support Bar and over the back of the Rear Edge of the Cover Frame. The cover will go about 6 inches past the Rear Edge of the Cover Frame. Find the length of nylon rope and continuing to pull the cover around and under, run both ends of the rope up and through the 2 corner grommets. Tie simple overhand knots near each end of the rope. Continue to pull the cover around and under the Rear Edge towards the front of the Cover Frame
3. Stand under rear part of the Cover Frame and loop the rope over the outside corners.
4. Hold the rope at mid point, pull it over and under the Main Bowed Support Bar and continue to pull the rope back towards the rear of the top.
5. Slide the S hook on the shock cord, (all the way till it is stopped, and hook the S hook, **point facing down**, to the grommet in the rear of the cover.
6. Grip one end of the shock cord and, **point facing down**, hook it to the rope.
7. Pull one end of the rope through the grommet tight enough to remove all the slack in the rope and shock cord but not so tight that you stretch the shock cord. Then, tie another knot. Trim off any rope in excess of 2 inches.
8. Adjust the cover so that cover lies between the corners at both ends of the Cover Frame. Hold the other hooked end of the shock cord and pull it back towards the rope.
9. Hook the other end of the shock cord, **point facing down**, to the rope to fully secure the cover. (**SEE THE COVER INSTALLATION ILLUSTRATION**)

N. USE OF THE BOOT: A. (SEWN FIXED LOOP COVER)

1. **To boot the cover:** Detach the shock cord, snap the ends on the frame for storage.
2. Grip the cover at the front edge of the top and fully roll the cover, including the cover rope, up on the Front Edge, like an old fashioned window shade.
3. Blanket the rolled cover with the boot and secure all the snaps

B. (ZIPPER COVER) The cover unzips and stores off the cover frame. No boot is provided.

O. BREAK IN THE TOP

1. The Vertical Supports are cored 8 to 16 inches past the point at which they come apart. When the tops are new, the sharp edges will cause you to feel a binding when you detach the upper portion from the base mounts. To break in the top, use a file or the edge of a screwdriver to remove the sharp edges of the outside of the male cores and the inside edges of the female base portions of the Vertical Supports. Use a suitable lubricant on the cores and then simply lift and detach the top a number of times. The tops easily detach when broken in.

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INSTALL AND ADJUST THE COVER

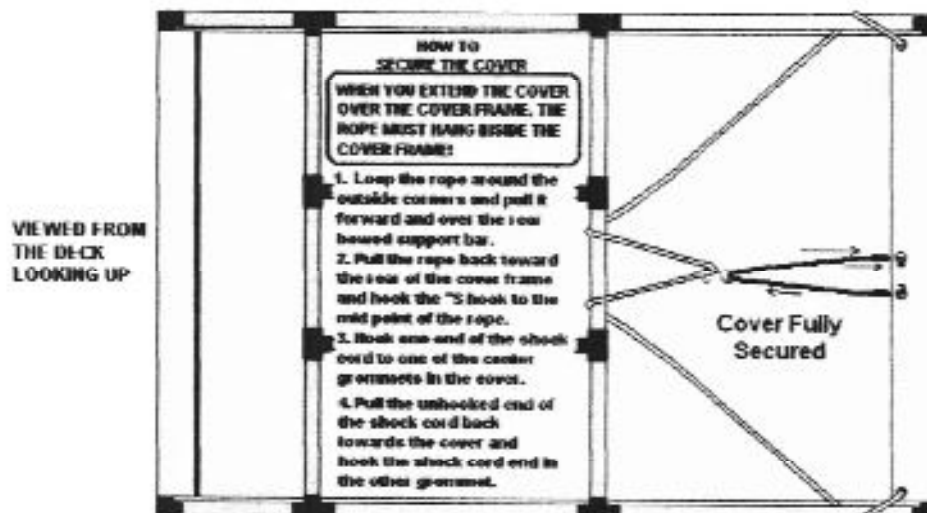
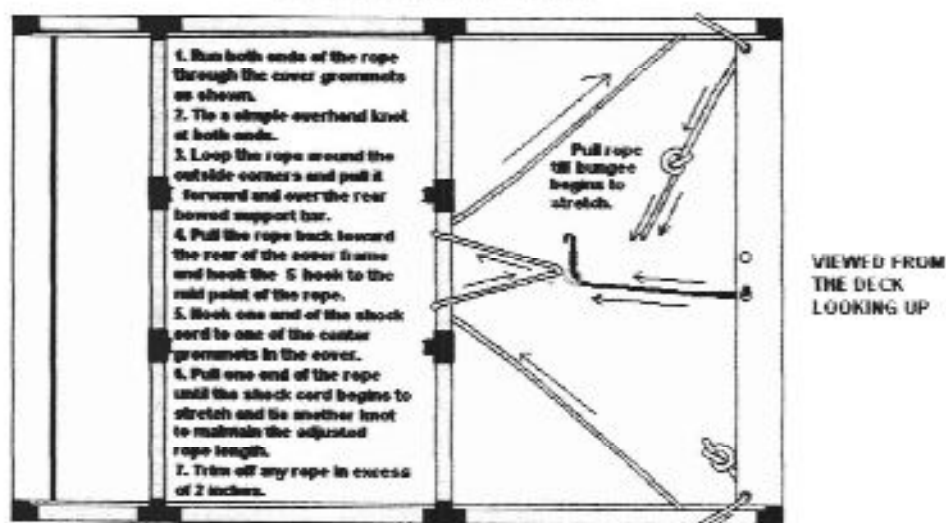
Zipper Covers: 1. Lay the front of the zipper cover over the Front Edge of the Cover Frame. 2. Use the Zipper and close the loop over the Front Edge of the Cover Frame. **Sewn Loop Covers:** 1. Unbolt and detach one End Of the Leading Edge from one of the Elbows. 2. Unroll the cover. 3. Find the looped end (Front of Cover).

4. Slide the looped end, (SEAM SIDE FACING DOWN), over the front Edge. 5. Rebolt the pipe in the Elbow.

BOTH COVERS: 6. The cover will hang between the 2 Elbows. 7. Toss the cover over the cover frame

8. Pull the Cover over and under the rear edge of the cover frame. 9. Pull the cover under the rear edge towards the front of the cover frame (the cover is about 6 inches longer than the cover frame).

10. Install the rope as shown below.



Congratulations! You have completed your installation. Send a photo of your Bimi-Tee Top installed on your boat to put on the Bimi-Tee Internet site and we will send you a coupon good for **FORTY DOLLARS** off any Bimi-Tee product. Include your name and address.

Send the photo to: **Bimi-Tee Top 4708 Kemble Ct. Tampa, FL. 33624**

A FINAL NOTE

Trailing your boat with the cover open on the highway will needlessly stress and abuse the top and void your warranty. The top is **not** designed for off water storage outdoors in the weather with the cover open. Depending on the angle and position of the boat when it is stored, the elastic system securing the cover may allow water to collect in the cover.



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