

OR-BA-01/ OR-BA-02

# BLUEWATER OUTRIGGER BASE



## BLUEWATER BASE INSTALLATION

Please read all instructions before installing your new bases

### INSTALLATION NOTES

The bluewater bases are a heavy duty product and weigh 33lbs each. Please ensure that your t-top is sufficiently strong and rigid enough to mount these bases and fish with the bluewater system.

If your hardtop does not include reinforced backing, we highly recommend backing plates for installation. Backing plates are available from gemlux (part: or-bp-01 or or-bp-02) (not included).

If your t-top canopy is significantly curved or arched, we recommend using wedge plates to ensure your outrigger base mounting surface is parallel to the bottom of the canopy. 7.5° Wedge plates are available from gemlux (part: or-bw-01) (not included).

Every installation is different; please check that your fasteners are the appropriate length. We recommend a fastener length approximately equal to your canopy thickness + backing plate thickness + 1/2".

*(Fasteners should be installed with hand tools to 50-60 inch•lbs. Do not use power tools to install fasteners. Gemlux is not responsible for broken fasteners)*

**Remember, exposed fiberglass and similar composites are irritants to the lungs, eyes, and skin. Always remember to wear personal protective equipment.**

Always treat power tools with respect.

### NEED (not included):

- Personal protective equipment (at least: eyewear, mask, gloves)
- Manual screwdriver
- Drill with 5/16" drill bit (for best results, use a 21/64" bit for the correct clearance)
- 3-1/8" Hole saw (if your canopy is flat) or 3-1/4" hole saw (if your canopy is curved)
- Masking tape
- Wrench
- (8) Stainless steel 5/16" - 18 UNC bolts, 70+ ksi tensile strength
- (2) Backing plates
- Loctite blue 242

### OPTIONAL (not included):

- Marine-grade sealant (such as 3m 4200 or 5200, sikaflex 291, etc.)



## HARDTOP INSTALLATION

1. Clean the hardtop around the installation surfaces. Ensure that the area is completely dry before continuing.
2. Select the desired installation location of your base by ensuring that there is enough room in the hard canopy for the 3-1/4" hole (3-1/8" hole if the canopy is flat) and bolt pattern. Check that the canopy, with backing plate, is less than 3.1" thick. Check that there is enough room for rotational clearance of the handle. (The minimum clearance needed is a 3.75" radius for the short-handled version or 5.25" for the long-handled version, but we recommend at least 6" clearance radius for comfortable use.)
3. Completely tape the top and bottom of the hardtop in the area encircled by the installation template. Masking tape reduces the risk of the drill bit or hole saw chipping the fiberglass or fraying composites.
4. Put on your PPE!
5. Align the installation template so that the long sides of the template run straight fore and aft. Adhere the installation template to the hardtop. Pilot drill all the way through the center of the large template hole. Then, drill the 3-1/4" hole (3-1/8" hole if your canopy is flat) halfway through and meet it from the other side, using the pilot hole for alignment. Drilling from both sides of the hardtop reduces the risk of chipping fiberglass or fraying composites.
6. Carefully slide the handle and lower half of the outrigger base through the large center hole. This is made easier if the handle is half-cocked first. The large center hole should be slightly larger than the lower cylinder of the outrigger base.
7. Confirm the base's fit, alignment, and stability. Adjust the included templates if necessary. Double-check the clearance for the handle by giving it a full rotation.
8. Remove the base and drill four (4) clearance holes for 5/16" fasteners.
9. After cleaning the canopy of the template and tape, reinsert your outrigger bases, using the included foam gasket or marine grade sealant adhesive to bed your bases to the canopy of the T-top. If using sealant, run a bead of sealant under the edge of the Bluewater base, and under the edge of each fastener hole, before installing it.
10. Under the canopy, install the four (4) mounting fasteners (5/16"), with Blue Loctite 242, through the backing plate (not included) to the Bluewater Base. It is recommended to bed the backing plate with a foam gasket or sealant also. Clean up excess sealant with acetone if necessary (DO NOT USE alcohol-based cleaners).



11. Repeat steps 2-9 for your second Bluewater base.
12. Allow the sealant to cure. Enjoy your new Bluewater Outrigger Bases!

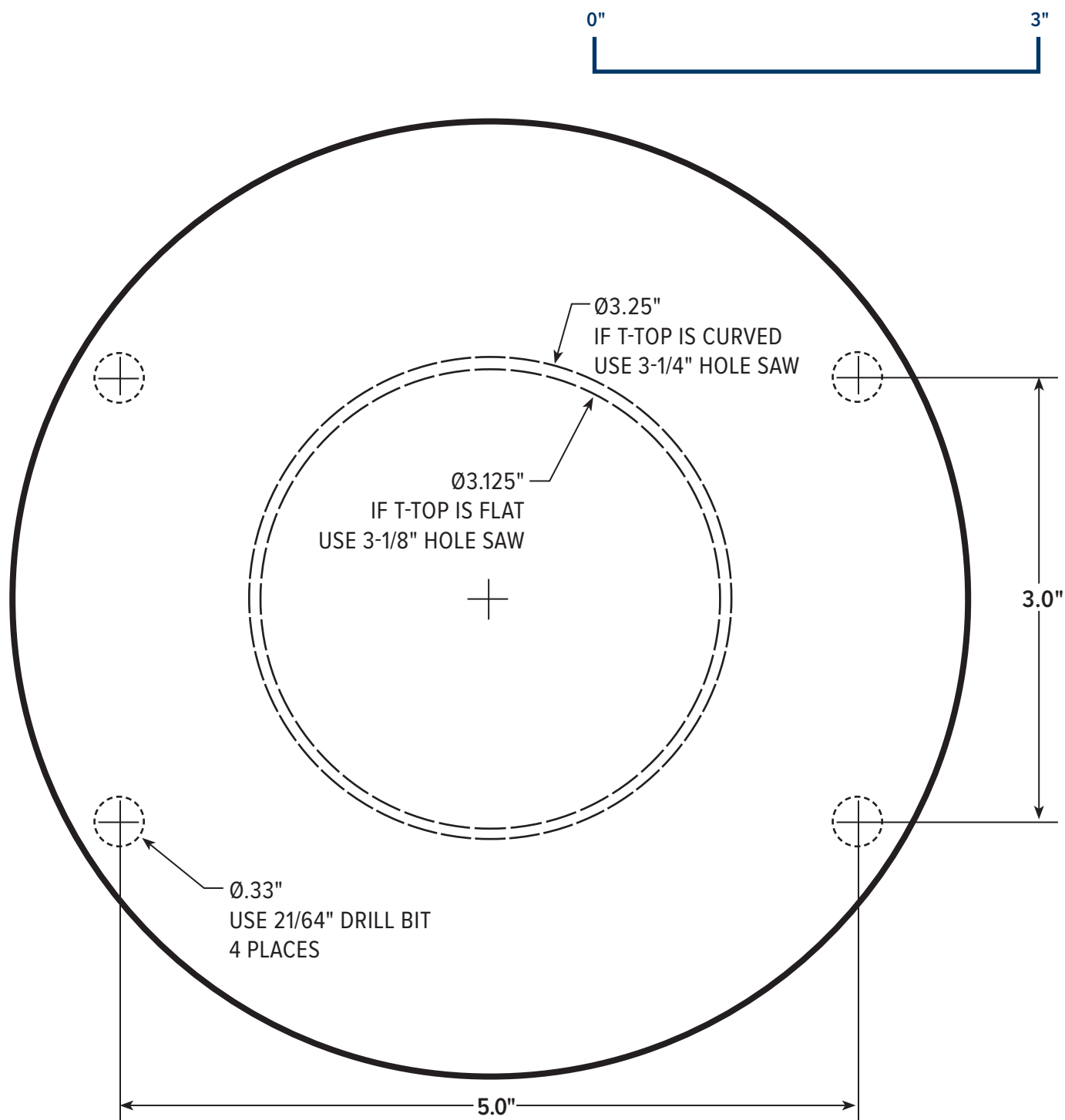
## SOFT TOP INSTALLATION

Soft Top installation requires a reinforced bracket or mounting plate for installation. These are commonly available or can be custom made by a metal fabricator. It is recommended that nylon/fiber washers are used to separate any stainless steel from aluminum parts to prevent corrosion.

INSTALLATION TEMPLATE FOR OR-BA-01/OR-BA-02

# BLUEWATER OUTRIGGER BASE

Do not use this template without first checking the dimensions. Please print this template at 100% or "Actual Size" and double check the dimensions with a ruler to this scales before drilling.



INSTALLATION TEMPLATE FOR OR-BA-01/OR-BA-02

# BLUEWATER OUTRIGGER BASE

Do not use this template without first checking the dimensions. Please print this template at 100% or "Actual Size" and double check the dimensions with a ruler to this scales before drilling.

