

TACO Marine® Grand Slam Mounts

# Pro Series GS-400 / 450 Mounts

INSTALLATION INSTRUCTION GUIDE



**GS-400**



**GS-450**



## **WARNING:**

This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

# KIT CONTENTS

2 Grand Slam 400 mounts or  
*Grand Slam 450 mounts*

8 Rotator Handles

8 Vinyl tubing spacers

8 5/16" x 18" x 1" bolts

8 5/16" x 18" hex nuts

8 Nylon washers &  
stainless washers

4 Hex bolt for rotator handle

# TACO<sup>®</sup>

## Handy Tips

## Required\*

\*not included

• 3-1/8-" HOLE SAW

• DRILL

• MASKING TAPE

• WRENCH

• 4MM ALLEN WRENCH

• MARINE-GRADE SEALANT

### WARNING:

**It is always recommended to remove the outriggers from the mounts when trailering. Loads are higher when trailering than boating.**

- Ensure your Canvas T-top or hardtop is suitably constructed to provide a strong mounting surface area for your outrigger base. The GS-400/450 was designed for high-performance sport fishing center consoles.
- If the top is arched, wedge plates can be used to maintain proper alignment.
- The Grand Slam outrigger bases in your kit are a pair of Port and Starboard units. These are labeled "P" for port side and "S" for starboard.

# GS-400/450

**Thank you** for purchasing the TACO Marine Pro Series Grand Slam 400 or 450 Outrigger Mount! As a family-owned and operated business since 1959, we take pride in offering the highest-quality, innovative products with excellent customer service. We stand behind our products 100 percent. If you have any questions about this mount or installation, please contact us by visiting [tacomarine.com/contactus](http://tacomarine.com/contactus).

## INSTALLATION NOTES

### CANVAS TOP

When installing the Grand Slam mount on a canvas top, a mounting plate must first be installed running fore and aft on each side between the brace bars of the T-top. If there is no mounting plate, you can choose either the weld in plate, GSE-1939BXY30-1 (sold separately) or weld in your own plate.

### HARDTOP

When installing through a hardtop, verify the top is foam or core filled. It is recommended to use included spacers (small lengths of tubing cut to size) to fit inside where the mounting bolts pass through to ensure that when the bolts are tightened the top is not compressed.

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- The supplied template is only a guide to help align base for hole positioning. There should be no contact between the mount and 3-1/8" hole.
  - Always place a nylon 5/16" washer underneath any stainless-steel washer to prevent corrosion of the Grand Slam's base. Place bead of marine-grade silicone sealant around hole in mounting plate.

**NOTE:** Bolts, washers and nuts are provided. However, if you purchase your own, always use good quality Type-304 or 18-8 stainless-steel hardware when mounting the base.

**NOTE:**

*The maximum hardtop thickness allowable for GS-400 is 2" and for the GS-450 is 4".*

Do not attempt to weld the base to anything.

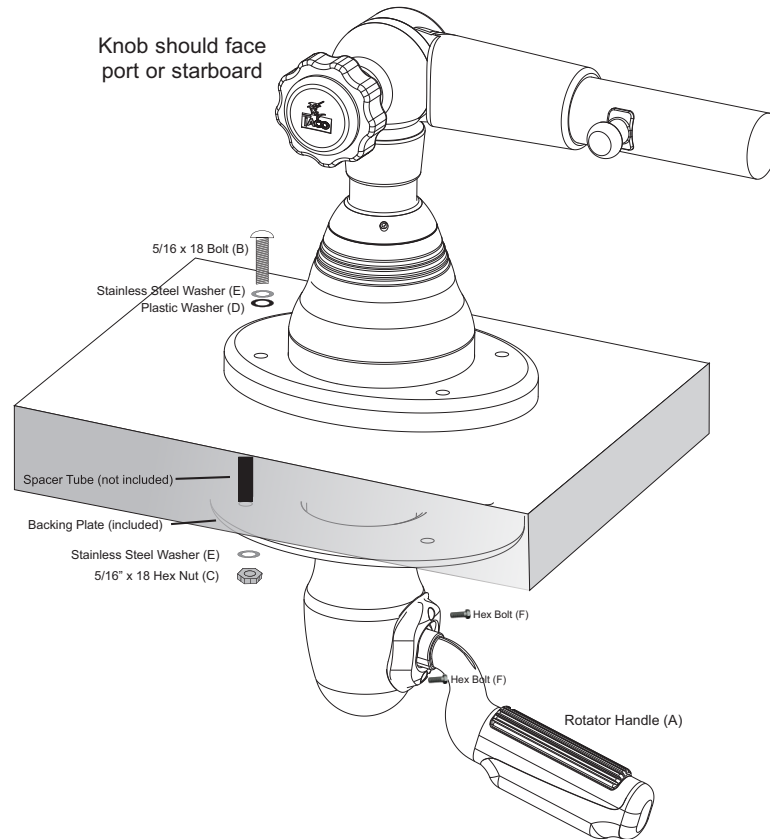
# INSTALLATION

## HARDTOP

**In general, if the hardtop is strong enough to walk on, it is usually strong enough to mount an outrigger on it.**

1. If you have a foam or core-filled hardtop, make sure its thickness does not exceed 3".
2. The starting, or at-rest position of the outrigger is facing aft. The handles of the GS-400/450 are set in the same position at the factory. If you require a different handle starting position, instructions on how to change them are in steps 13-17.
3. Select the mounting location of the Grand Slam mount, keeping in mind that the center of the 3-1/8" hole on the GS-400/450 must be a minimum of 9-1/2" away from any object in the direction the handle will rotate from the starting position you choose.
4. After determining the proper location for the 3-1/8" hole, mark the center of the hole and either drill up from underneath the hardtop with a 3-1/8" hole saw, or drill a small hole through the hardtop and then drill down with the 3-1/8" hole saw.
5. Insert the Grand Slam unit into the hole with the outrigger arm laying down in the horizontal position facing aft. You want to make sure that the base is straight before drilling the four (4) mounting holes. It is easier to tell if the base is straight if you place an outrigger in the tube and have someone observe it from the stern.
6. Mark the hardtop through each of the four (4) mounting holes on both units, then remove the units to drill the mounting holes.
7. For a solid fiberglass hardtop, drill each hole with a 5/16" drill bit.
8. Put a bead of marine-grade sealant on the underside of the footprint of the Grand Slam units around the lower body and around each mounting hole and insert the Grand Slam Mount into the 3-1/8" holes.
9. Install the four (4) mounting bolts through the Grand Slams, through the hardtop and through the backing plate on the underside of the hardtop, install the washers and nuts and tighten the nuts while someone holds the bolts with an Allen wrench.
10. For a soft-core or hollow-core hardtop, drill each hole with a 7/16" drill bit. Measure the thickness of the hardtop and cut the vinyl spacers to the same length.
11. Put marine-grade sealant on the underside of the footprint of the Grand Slam units around the lower body and each of the mounting holes and insert the Grand Slam Mount into the 3-1/8" hole.

**FIGURE 1**



12. Install the four (4) mounting bolts through the Grand Slams, slide the spacers up from the underside, install the backing plate, washers and nuts and tighten the nuts firmly, but do not over tighten. The spacers should prevent you from compressing the hardtop.
13. To change the position of the handle, remove the two (2) hex head screws from the handle with the included Allen wrench and pull the handle out.  
**Note:** you can get to the top screw easier if you pull down on the handle and move it so it is in-between positions.
14. Unscrew the dome cap and up inside the unit you will see a bolt head. With a ratchet, short extension and a 9/16" socket, loosen the bolt counter clockwise five (5) complete turns.
15. Insert the handle but do not screw it in. Above the hardtop, the adjusting knob should be facing outboard. If the knob is inboard, flip the outrigger holder arm over to the other horizontal position, then pull down on the handle and rotate it until the outrigger holder on top is facing aft.
16. Someone else should stand on the gunwale and pull up on the outrigger holder and hold it steady while the person below rotates the handle to the desired starting position.
17. Now re-install the hex head screws and dome cap. The installation is now complete.

# INSTALLATION

## CANVAS TOP

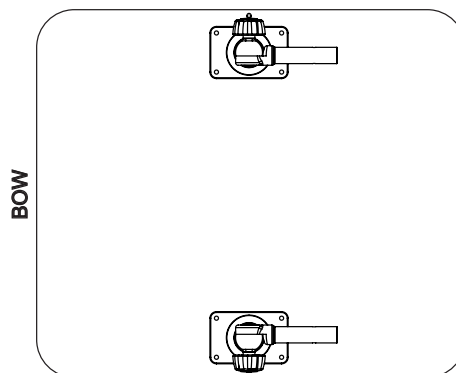
1. To find the proper location of the mounting plate, keep in mind that the handle of the GS-400/450 requires 9.25" of clearance from the center of the 3-1/8" hole in order to rotate the outrigger 90° from facing aft to the outboard position. The handle positions can be changed on this model.
2. If you are going to weld your own mounting plates to the frame, unlace the canvas and remove any wires that may be inside the tubing of the brace bars and the T-top frame where you are going to weld. If you are using one of our weld-on plates, steps 3 and 4 have been done for you.
3. If you are having plates made, they should be 3/8" thick by 5" wide and long enough to fit between the brace bars. When drilling the holes, it is best to cut the 3-1/8" hole and drop the GS-400/450 into the hole and mark the location of the four (4) mounting holes right through the holes in the unit. When determining where to place the 3-1/8" hole in the plate, refer to step 1.
4. Weld the plates to the frame and brace bars. The mounting plates should be welded on three (3) sides.
5. Reinstall the lacing on the canvas.
6. With a razor knife, cut an X in the canvas through the 3-1/8" holes in both of the aluminum mounting plates. Then cut each of those triangular pieces in half so you now have eight (8) flaps of canvas going down through the hole in the plate. Remove the excess canvas flaps.
7. The bodies of the GS-400 and GS-450 are exactly alike. They each come with the handle in the same position as the outrigger tube. If this is the handle position you want, one of the units will be ready to drop right in with the upper adjusting knob facing outboard and the outrigger tube facing aft along with the handle opening.
8. Locate this unit and remove the two (2) hex head screws from the handle with a 1/8" Allen Wrench and pull the handle out.

# TECHNICAL SPECS

9. On the underside of the mount, put a bead of marine-grade sealant around all four (4) holes of the unit and place on top of the canvas directly over the holes in the plate, insert the bolts and tighten with a 3/16" Allen Wrench and re-install the handle.
10. To change the handle position of the other unit, first follow steps 8 and 9, but do not put the handle in yet. Pull off the plastic logo cap and up inside the unit you will see a bolt head. With a ratchet, short extension and a 9/16" socket, loosen the bolt by turning it counter clockwise five (5) complete turns.
11. Re-install the handle but do not screw it in. Pull down on the handle and rotate it until the outrigger holder on top is facing aft with the adjusting knob facing outboard. You may have to flip the outrigger holder over to the other horizontal position to accomplish this.
12. Someone else should stand on the gunwale and pull up on the outrigger holder. The person below can now rotate the handle to any desired position. If the handle does not rotate, pull the handle out and loosen the bolt one more complete turn and try again.
13. Now re-install the hex head screws and plastic cap and the installation is complete.

## Top Mount Orientation

Mount orientation on top with locking pin facing outboard



# How to use

When fishing with the Grand Slam 400 or 450, easily raise and lower outrigger poles by turning the knob on the outboard side of each mount, which will loosen for manual adjustment and then tighten to secure the outrigger position. For going under bridges, trailering or storage, we recommend lowering the outriggers to ensure they don't get damaged.

# How to clean

Always use a mild, non-abrasive soap and fresh water. Thoroughly wash the aluminum with a soft towel or sponge to remove dried salt crystals and other contaminants. Rinse completely with fresh water.

## Safe Cleaners

**Mild dish washing liquid, specialty marine cleaners:**

Sea Safe Boat Wash, Boat Wash Concentrate and Super Suds.

**Safe marine lubricants:**

CRC Corrosion Inhibitor, Corrosion Block and Get Some Extreme.

## Harmful Cleaners

**Bleach (Clorox, etc.) and mild abrasive cleaners:**

Ajax, Comet, Soft Scrub, Rubbing Compounds, etc.

**Strong cleaners:**

409, Engine Degreasers, etc.

**Acids of any type:**

Such as Muriatic, naval jelly or aluminum acid.



# Need Support?

## Contact Us



support@tacomarine.com



<https://tacomarine.com/technical-support>



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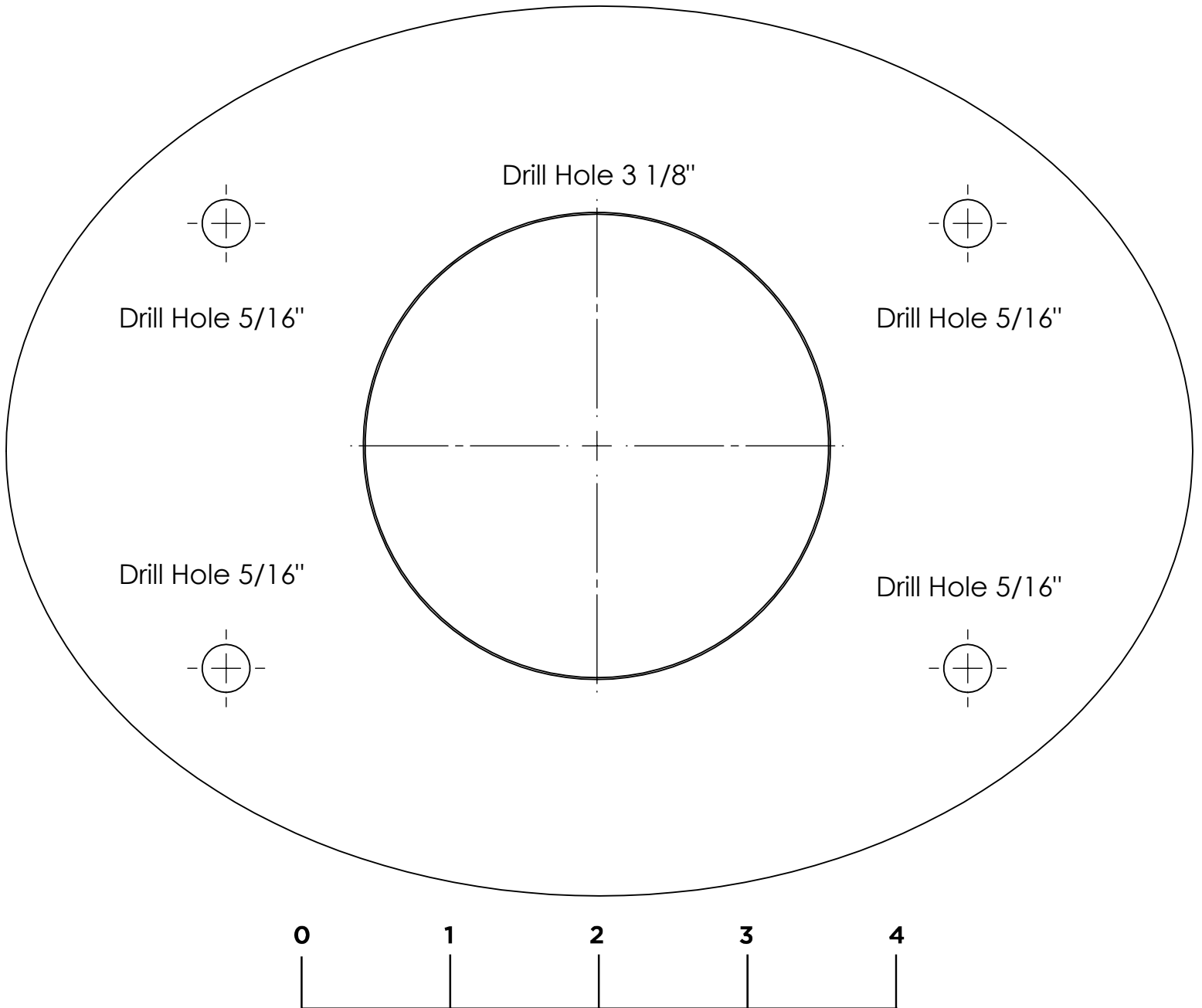


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# TACO Marine®

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# GS-400/450 Drill Template



Please print at 100 percent for accurate sizing. Slight scaling may still occur. Therefore, before drilling, it is recommended that all template dimensions be measured for accuracy.



INSTRUCT-GS-400/450