



INSTRUCTIONS

Grand Slam 890 Universal Mount

Thank you for purchasing a quality Taco Marine product. As a family-owned business since 1959, Taco Marine takes pride in offering the highest quality products with excellent customer service. We stand behind our products 100%. Please visit our website, TacoMarine.com, for more detailed information on a wide variety of Sport Fishing products.

Hardware Recommended (Not Included)

| Item | Quantity | Description |
|------|----------|----------------------------|
| A | 3 | Phillips 1/4"x20 Oval Head |
| B | 3 | Split Washer |
| C | 3 | Stainless Acorn |

Tools Needed:

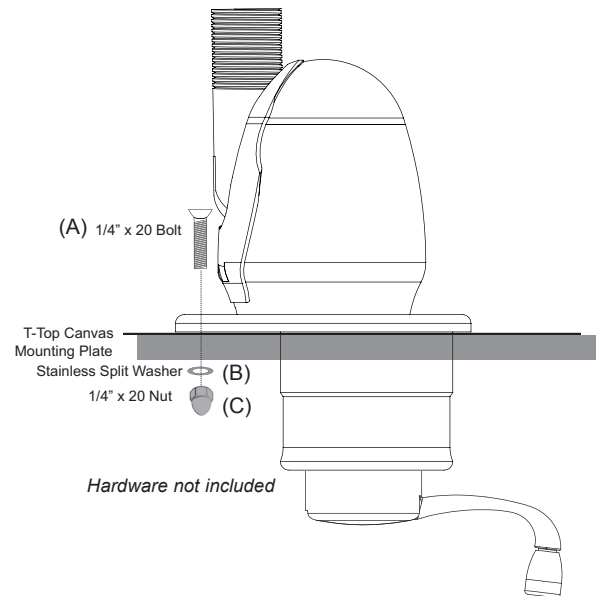
- Electric Drill • Crescent Wrench • Phillips Screwdriver

Universal Mount is intended for the following products: VHF antenna, all around anchor light, flag poles and other devices than can screw into the 1" threaded radius of the mount.

Note: This product is intended to be mounted on Fiberglass Hardtops or Pilot House enclosures. All of these styles of tops offer various mounting options. The desired location in all cases is one that will allow the mount to raise and lower completely with no obstructions to other components on the top.

The best way to determine proper placement of the mount is to identify the location of all the other components on the top and also where it will be a good location to operate the mount from under the top when cranking the handle while standing on the deck of the boat. As marine antennas, flag poles and navigational light poles vary in size and length, the right location may vary based on the length of the antenna, light pole or flag poles.

Once you have determined the location and the position of the mount then determine the length of the antenna, light pole or flag pole that will be attached to the mount. Next, determine if you want the antennas, light pole or flag pole to be visible from under the top when they are in their fully lowered position.



Hardtop Assembly Instructions

- Clean off the surface area that the mount will be installed in. In a Hard Top installation use painters tape mark off a squared area measuring in size about 6" X 6" if possible, this will give you plenty of space to work with. Please refer to the backing plate installation template provided. This template is provided as the alignment "GUIDE" for the holes to be drilled out for the backing plate and the mount. The diameter of the mount that will need to be cut out to drop the mount into the Hard Top will be 2.5".
- Tape down the provided cut-out template over the blue square of painters tape locating the center of the 2.5" diameter where the desired position is for mount to drop into from the top. Mark the center with an X as this will be the starting location for the pilot hole.
- Using a 2.5" hole saw start drilling the pilot hole for the mount. **PLEASE NOTE:** The thickness of the hardtop may require the drilling to take place from both the top side and the bottom side of the Hard Top depending on the thickness. If this is the case in your installation it may require other tools to be used.
- As you go through the drilling cut out process the hole saw may get hot as it penetrates the fiberglass try not to stop the cutting process so you have a smooth cut through hole surface. Once the 2.5" hole is cut out, clean off the surface of the top to drop the mount in and insure that you have a snug fit.
- With the hole cut out completed, you may want to seal the inner circular walls of the exposed fiberglass with a marine grade sealant or silicone. This will prevent any water intrusion from penetrating through the thickness of the hard top.
- You are now ready to align the three holes for hardware installation. The three mounting holes are 0.25" in diameter and they are positioned in a way for the mount to lower towards the stern and raise towards the bow. Using the cut out template provided and the mount establish the position that the antenna or pole will lower straight towards the sterns or rise towards the bow of the vessel. (If the cut out template was taped down properly at the start the holes should line up with your desired position for the mount).
- If the cut out template holes and the mount holes are aligned in the desired position you are now ready drill out the hardware holes. Using a 0.25" drill bit size, begin to drill out the three hardware mount holes once completed refer to Diagram (A) Hard Top installation instructions shows an example using the recommended hardware to attach the mount and the backing plate on to the Hardtop.
- PLEASE NOTE:** Mounting hardware is not included with the mount and the backing plate as hard tops vary in size of thickness. The hardware needed to complete the installation will vary by the thickness of the hard top. Below is the recommended hardware we suggest using for optimal installation
- Stainless Steel Phillips oval head bolts, size 1/4" X 20. The length of the bolt will be determined by the thickness of the hard top. Stainless steel cap nut (acorn style) 1/4" X 20. If using acorn style cap nuts please measure the length of the bolts properly for maximum gripping surface.
- Prior to mounting the bolts it is recommended that you add marine grade silicone around to the under side bottom plate of the mount to avoid any water intrusion from penetrating through the hard top. Use the backing plate provided under the hardtop to secure a firm installation on both sides. Fasten the hardware to complete your installation.

Care & Maintenance

To ensure optimum performance, it is recommended that you lubricate the brass gear on the top of the mount with a marine grade lubricant such as CRC Heavy Duty Corrosion Inhibitor. This lubricant extends corrosion protection, resists salt spray and does not wash off easy with boat soap.