

TACO Marine® Grand Slam Mounts

GS-850 & 950 Mount

INSTALLATION INSTRUCTION GUIDE



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.

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MARINE

Kit Contents

Required*

*not included

1

Grand Slam 850 mount
(for both the GS-850 and GS-950)

1

Drill template

1

Tube, light and 6" lead for 12-volt
DC power supply for light function
(GS-950 only)

- SAFETY GLASSES
- DRILL & SCREW GUN
- MASKING TAPE & PENCIL
- 1/4" DRILL BIT
- THREE 1/4-20 FLAT HEAD SCREWS
(LENGTH= (THICKNESS OF TOP) + 7/8")
- THREE 1/4-20 LOCKING NUTS
- MARINE-GRADE SEALANT
- MARINE-GRADE GREASE / ANTI-SEIZE OR
TEFLON TAPE
- 7A FUSE IN THE MAIN +12 VDC POWER FEED
- GS-950 ONLY - 3A FUSE FOR LIGHT
- FLATHEAD SCREWDRIVER
- 18-GAUGE WIRE FOR GS-850 & GS-950
- TON-OFF-ON DPDT MOMENTARY
SWITCH UP/DOWN OPERATION 850 & GS-950
- THREE-POSITION MOMENTARY SWITCH
(OFF/ON/ON) FOR THE GS-950 ONLY

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Handy Tips

- Always use good quality stainless steel hardware when mounting the base.
- Please do not attempt to weld the base to anything.
- It is also important that your Canvas T-Top, Arch or Hardtop, be suitably constructed to provide a strong mounting surface area.

850/950

Thank you for purchasing the Grand Slam 850 VHF Antenna Mount or Grand Slam 950 Masthead Anchor Light by TACO Marine. Since 1959, we have taken great pride in offering the highest-quality products with excellent customer service. We stand behind our products 100 percent. Please visit our website **tacomarine.com** for more detailed information on a wide variety of products and to register your new accessory for warranty.

GS-850 MOUNT INSTALLATION FOR ANTENNA

1. Use the drill template to mark and drill with a 1/4" bit the three bolt holes.
2. If your top requires spacers, trim the included vinyl spacers to the depth of your hardtop thickness. Insert the vinyl spacers into each bolt hole.
3. Place a bead of marine-grade sealant on the underside of the mounting plate. This helps prevent water intrusion.
4. Securely bolt the base to the mounting surface. Be careful not to deform the top.
5. Connect wire according to the figures on pages 7 and 8.
6. Use a 7A fuse in the main +12 VDC power feed.
7. Ensure the Black wire has a good connection to battery ground.
8. Operate the unit in both directions using the momentary switch.
 - Horizontal adjustment is possible to 80° angle. See diagram A on page 4.
 - The GS-850 features two set screws – one to lock the antenna positioning in place, the other for adjustment.
9. Connect wire antenna according to manufacturer's instructions.

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- The three (3) vinyl spacers will help prevent any hardtop compression. When installing through a hardtop, make sure the top is foam or core filled. It is recommended to use included spacers to fit inside where the mounting bolts pass through to ensure that when the bolts are tightened the top is not compressed.
 - Position the mount with the antenna or light attached so that it will not interfere with other hardware on the top.
 - Route electrical cables to boat's control panel and attach wires per manufacturer's recommendations.
 - Before installing VHF Antenna or LED Light Tube, apply a thin layer of marine grease, anti-seize or teflon tape to the threaded shaft.

GS-950 MOUNT INSTALLATION FOR MASTHEAD ANCHOR LIGHT

1. Use the drill template to mark and drill with a 1/4" bit the three bolt holes.
2. If your top requires spacers, trim the included vinyl spacers to the depth of your hardtop thickness. Insert the vinyl spacers into each bolt hole.
3. Place a bead of marine-grade sealant on the underside of the mounting plate. This helps prevent water intrusion.
4. Securely bolt the base to the mounting surface. Be careful not to deform the top.
5. Connect wire according to Figures on page 7 and 8.
6. Use a 7A fuse in the main +12 VDC power feed (not included).
7. Use a 3A fuse for the light (not included).
8. Ensure the Black wire has a good connection to battery ground.
9. Operate the unit in both directions using the momentary switch.
 - Horizontal adjustment is possible to 80° angle. See diagram A.
 - The GS-950 features two set screws – one to lock the light positioning in place, the other for adjustment.
10. Screw down the bottom of the light tube assembly to the mount.

NOTE: Before installing the LED Light Tube, apply a thin layer of marine grease, anti-seize or teflon tape to the threaded shaft.

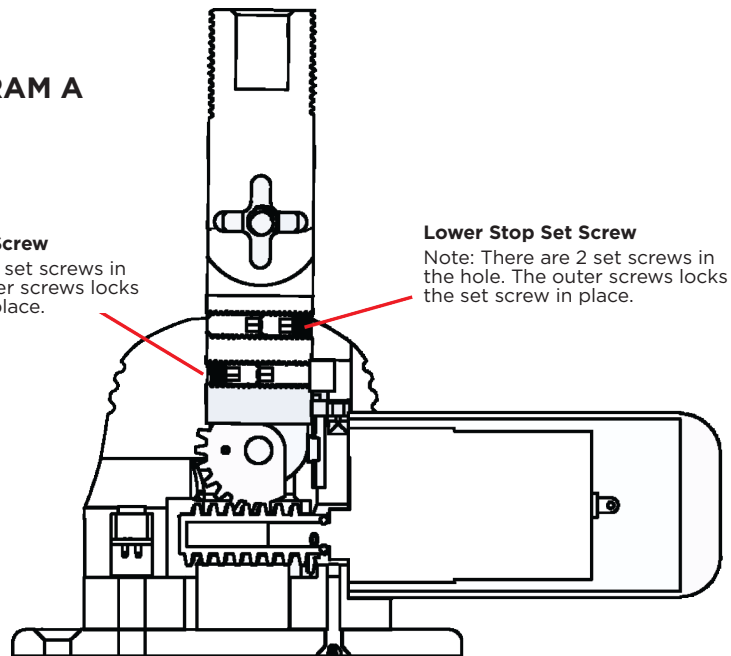
DIAGRAM A

Upper Stop Set Screw

Note: There are 2 set screws in the hole. The outer screws locks the set screw in place.

Lower Stop Set Screw

Note: There are 2 set screws in the hole. The outer screws locks the set screw in place.



Adjustments to the arm position need to be done slowly 1/4 turn at a time.

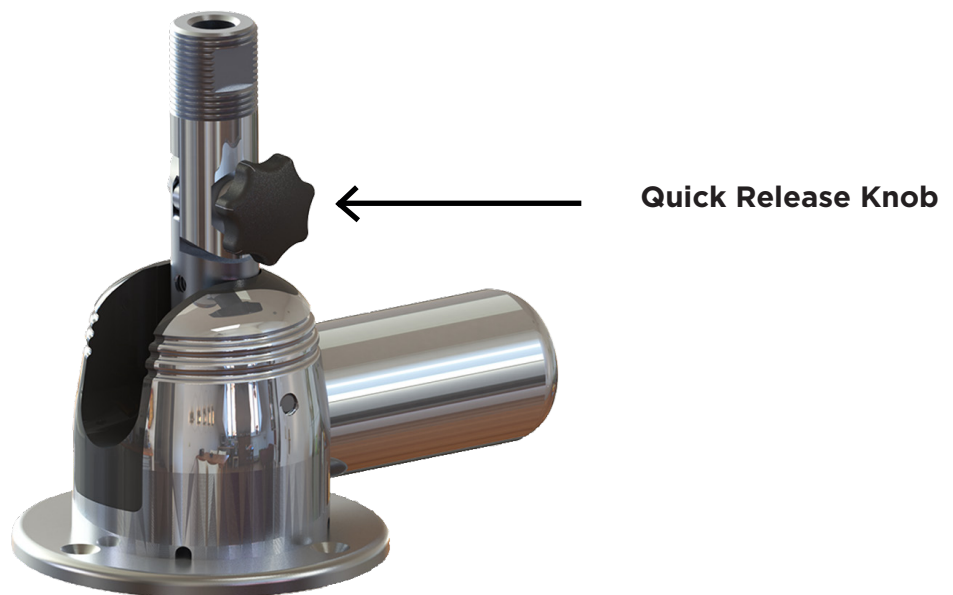
LIGHT

The light assembly is composed of two parts – one (1) Lamp Assembly and one (1) Stanchion.

1. Thread the LED light tube to the GS-850 mounting base.
Note: Apply a thin layer of marine-grade grease or anti-seize to the threads before installing.
2. Noting the sticker that reads “TO BOW” on the light, position the light properly.
3. Attach your 18-Gauge, 3-wire cable coming from the helm to the 18-Gauge, 3-wire lead out of the GS-950 stanchion/tube assembly refer to figures on page 8.
4. Connect your chosen switch (not included) per manufacturer’s recommendations.
5. Mount the switch to your chosen location at the helm.

EMERGENCY RELEASE OPERATION

The GS-850 and GS-950 feature a Quick Release Knob for emergency operation. Simply turn the knob counterclockwise to adjust the Antenna or Masthead Anchor Light. Once repositioning is complete, turn the knob clockwise to tighten. Repeat this process whenever manual override is necessary. **Note: do not completely unscrew the Quick Release Knob, as the nut may fall out. Loosen the Knob just enough to reposition the Antenna or Masthead Anchor Light, then tighten accordingly.**



NOTE:

For instructions and to replace the Grand Slam 950 Masthead Anchor Light, purchase a replacement [F38-9000BLY] at tacomarine.com.

How to use

When boating with the Grand Slam 850 or Grand Slam 950, easily adjust the top-mounted VHF Antennas or Masthead Anchor Light with the simple push of a button. Once either accessory is mounted to the top and wired into the control panel, lift or descend the accessories by pressing the up or down buttons. When either accessory has reached its full upright or down position, the motor will stop automatically.

How to clean

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

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:

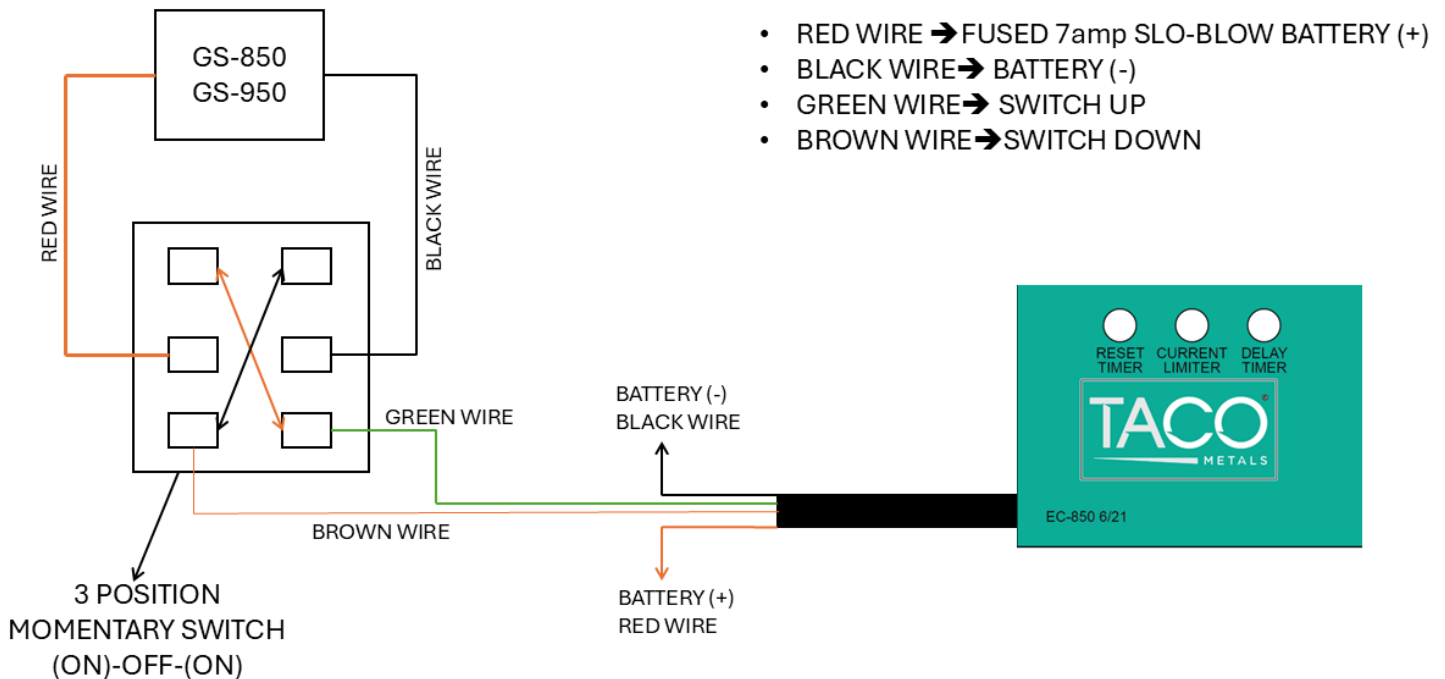
409, Engine Degreasers, etc.

Acids of any type:

Such as Muriatic, naval jelly or aluminum acid.

WIRING DIAGRAMS

CONTROLLER WIRING INSTRUCTIONS

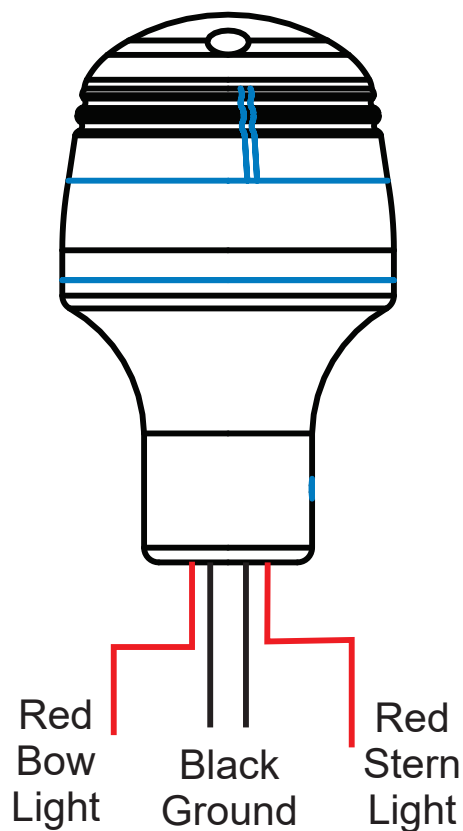
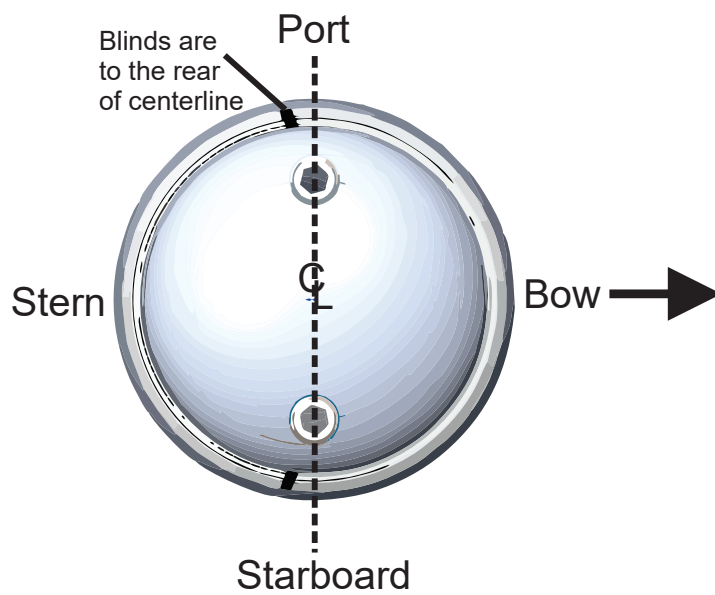


The compliance date for ABYC A-16, Installation of Electric Navigation Lights, and C-5, Construction and Testing of Electric Navigation Lights, went into effect on August 1, 2023. All TACO Marine Navigation, Masthead, and All-Around Lights meet the requirements set forth and are approved under the NMMA Type Accepted Agreement. Additionally, all TACO Marine Navigation Lights have always used LED Cree chip technology. Please see below for documented approval of the required testing:

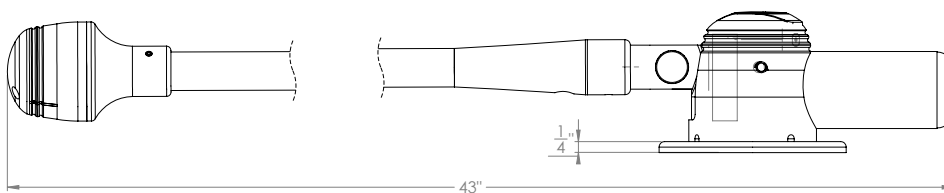
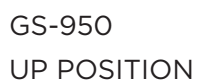
- C-5 Testing
- All-Around (F38-9000 Root Part Number)
- Component ID 2619819
- C-5 Compliant
- Navigation Lights (Side Lights)
- Component ID 2619788

WIRING DIAGRAMS

MASTHEAD ANCHOR LIGHT

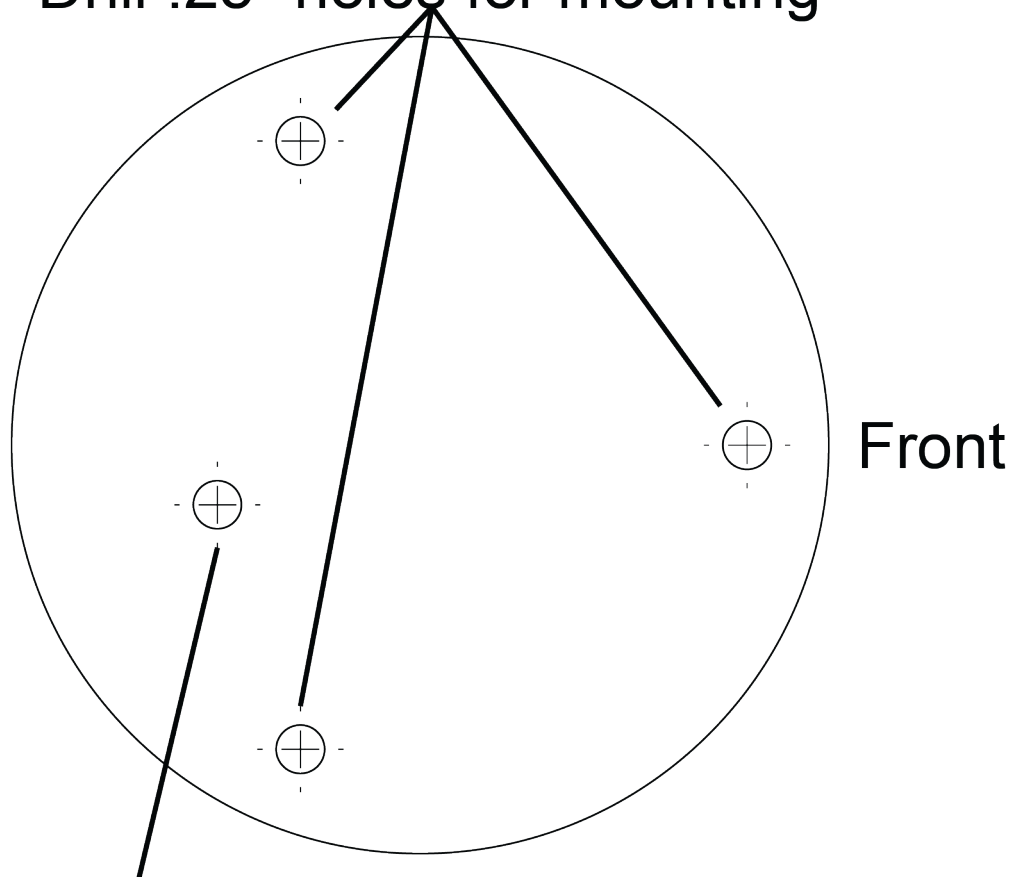


GS-850
DOWN POSITION



GS-850/GS-950 Drill Template

Drill .25" holes for mounting



Drill .25" hole for wire



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.

Need Support?

Contact Us



support@tacomarine.com



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



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