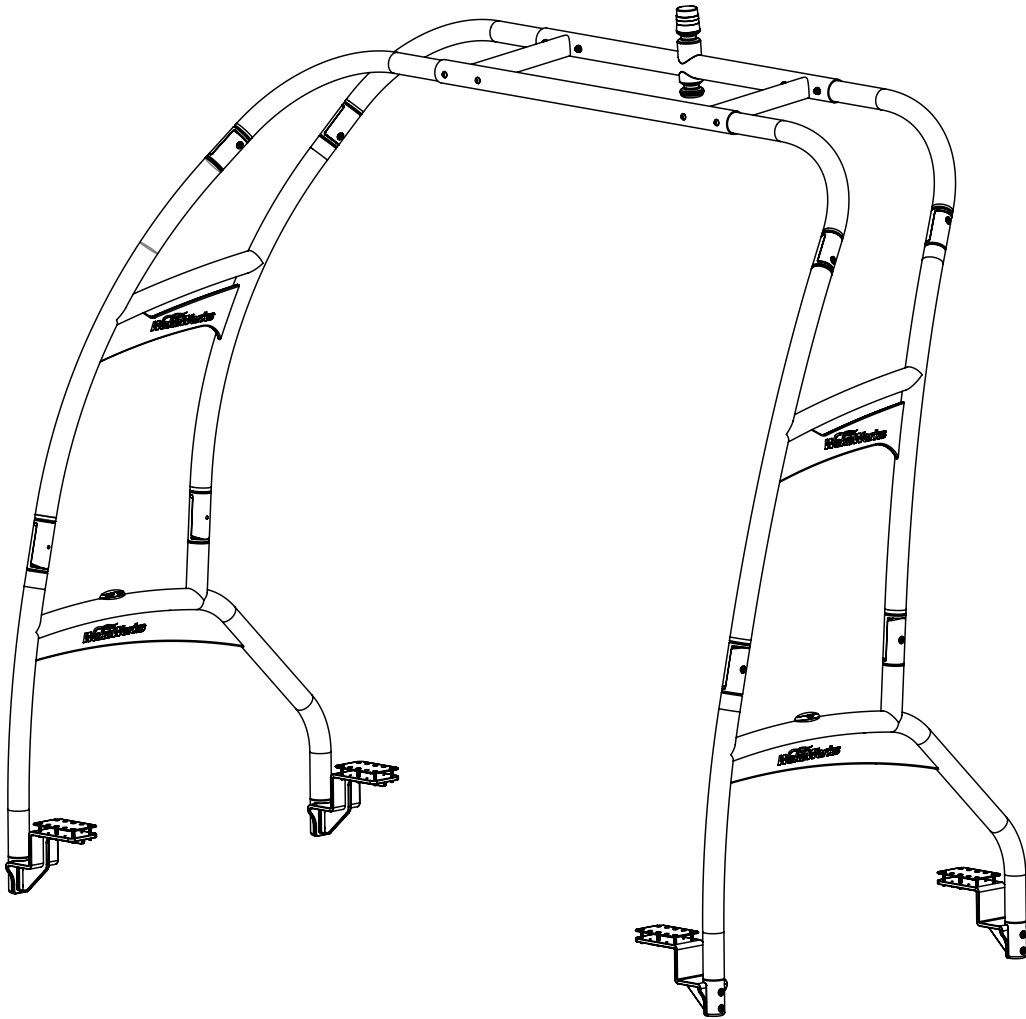


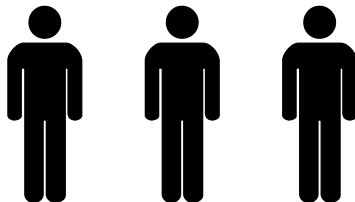


# F250 PONTOON WAKEBOARD TOWER

## INSTALLATION GUIDE



## INSTALLATION SUPPORT





## IMPORTANT INFORMATION

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- This WakeWorks tower fits Pontoon boats with 96 to 102 inch wide beam widths. *This measurement is taken from the Port to Starboard mounting points.*
- Do not fold the tower without having the top section securely fastened to the side sections with the fasteners provided.
- Lubricate the telescopic side section tubes that slide in and out of the top section during installation. We recommend using a light grease to help the tubes slide together without binding.
- Do not fold the tower by yourself.
- Do not assemble tower on the ground and then try to install it on the boat.
- Do not use impact drivers to install any hardware.
- Torque set screws to 35ft-lbs
- Torque shoulder bolts 50 ft-lbs
- Torque tower foot all-thread to 65 ft-lbs
- We recommend using threadlocker on the threads of all fasteners that will not be adjusted while lowering or raising the tower.
- Check the top section for burrs before installing side sections to prevent the scratching and marking of tubes. *WakeWorks does not cover damage caused by burrs during installation.*
- Two types of mounts are provided. One is a top mount and the other is an under mount. Please select the most appropriate mount for your pontoon boat.
- Please leave the foam wrap on the tower until the installing is complete.
- Please note that when towing your boat you may notice what appears to be movement in your tower. It is important to understand that the boat is also moving on the trailer and that this movement can be visually deceiving.

## CLEANING

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- Frequently wash your tower with soap and water.
- As required, use Mothers Mag & Aluminum polish to restore your tower to its original finish.

## WARNING

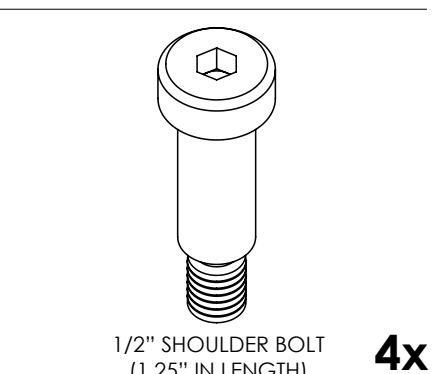
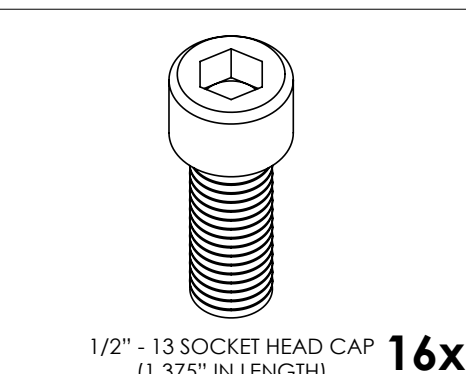
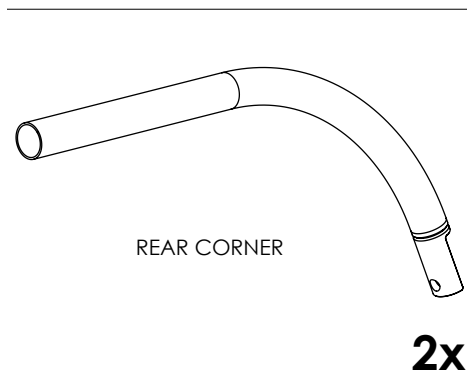
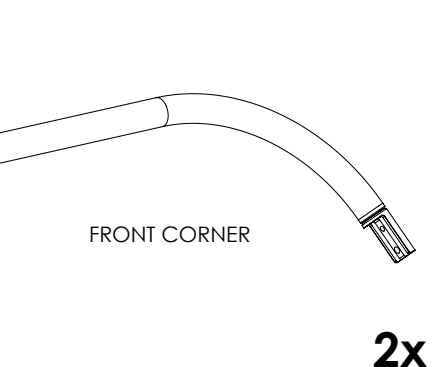
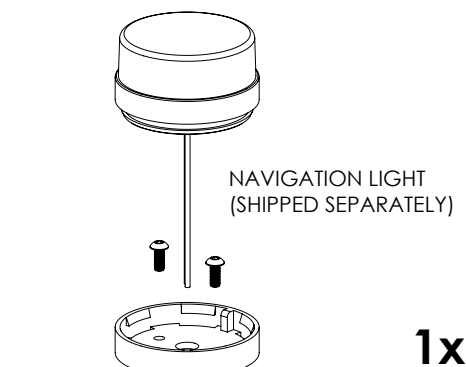
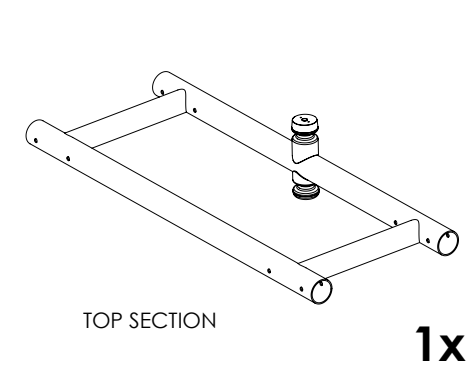
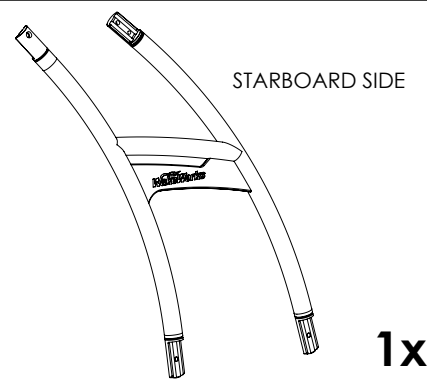
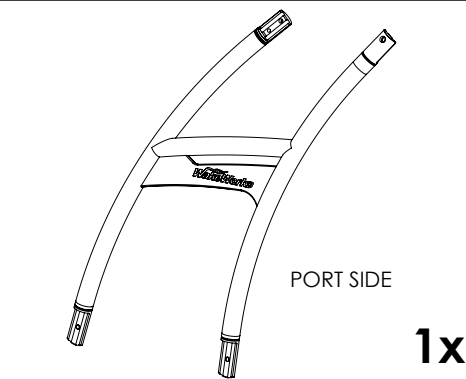
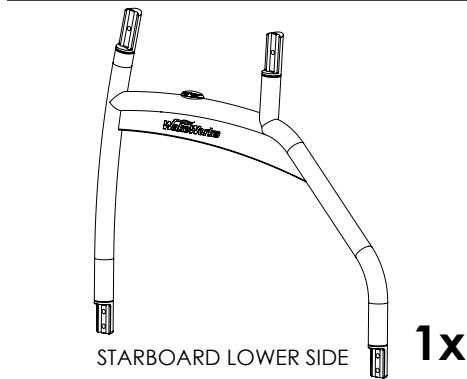
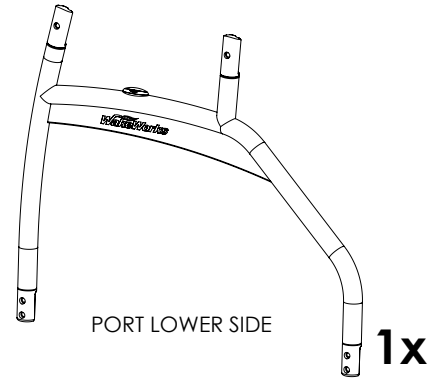
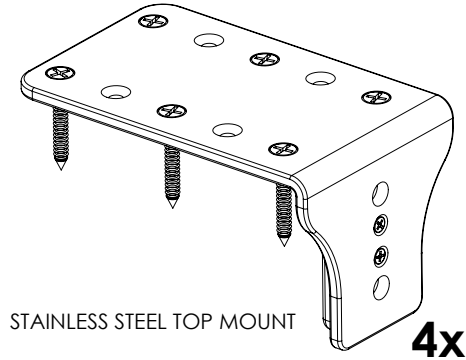
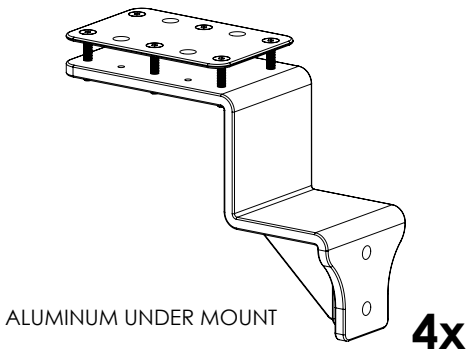
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- **BE CAREFUL** when assembling this product. We **CANNOT** be liable for any burring or scratching that may occur when sliding sections in and out of each other.
- **NEVER** modify this product in any way.
- **NEVER** climb, stand or ride on this product.
- **NEVER** tow watersport tubes or inflatable's with this or any other WakeWorks Wakeboard Tower.
- **ALWAYS** use caution with approaching bridges or overpasses.
- **ALWAYS** inspect this product for loose bolts, fittings or damage before each use.
- Always carefully **CONSULT** the user manual for proper installation, maintenance and usage.
- WakeWorks is not liable for personal injury or property damage from the use of this or any other WakeWorks product.

# WakeWorks

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*Aerial*  
WAKEBOARDING PRODUCTS

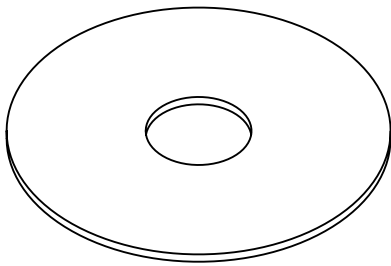
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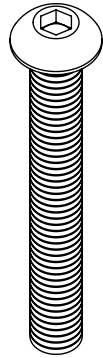
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## PARTS LIST

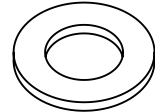


NYLON FOLDING WASHER **2x**



0.375"-16 BUTTON  
HEAD CAP  
(3" IN LENGTH)

**8x**



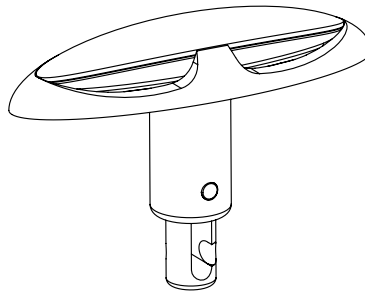
0.375" FLAT WASHER

**8x**



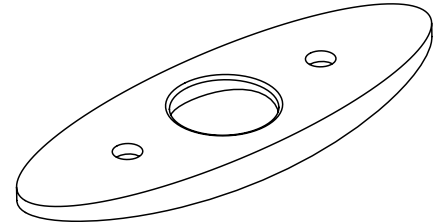
0.375" NYLON LOCK NUT

**8x**



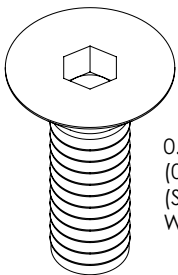
POP UP CLEAT  
(SHIPPED SEPARATELY)

**2x**



CLEAT SPACER  
(SHIPPED SEPARATELY)

**2x**



0.19"-24 FLAT HEAD CAP  
(0.625" IN LENGTH)  
(SHIPPED SEPARATELY  
WITH POP UP CLEAT)

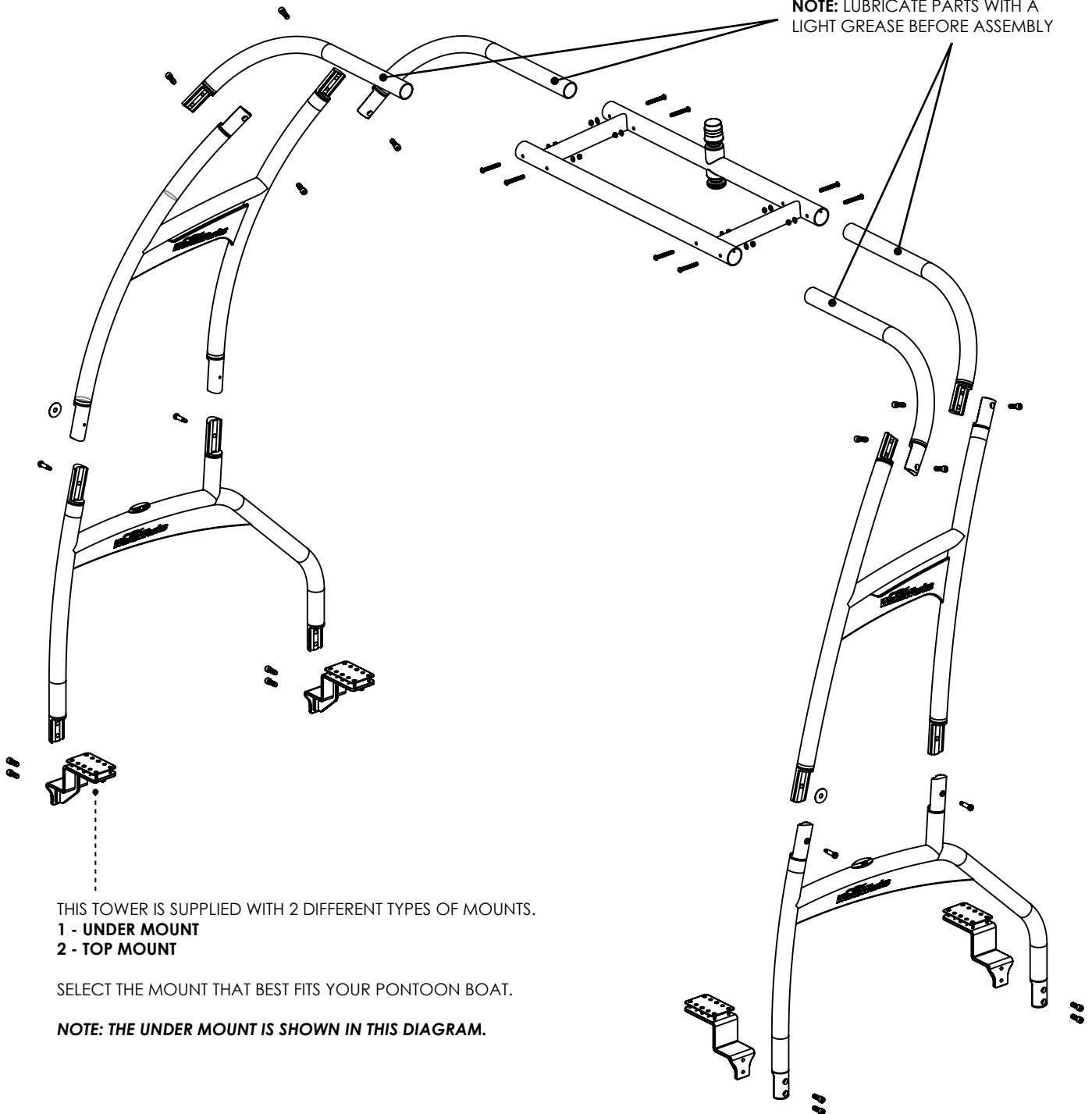
**4x**

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## EXPLODED OVERVIEW

**NOTE:** LUBRICATE PARTS WITH A LIGHT GREASE BEFORE ASSEMBLY



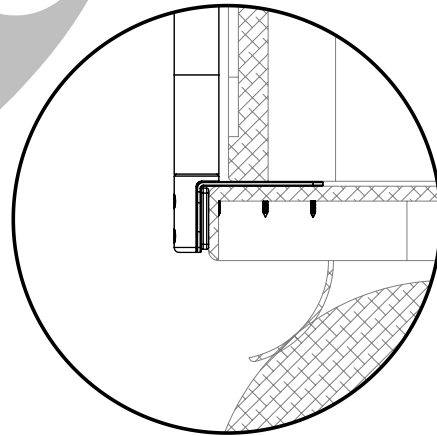
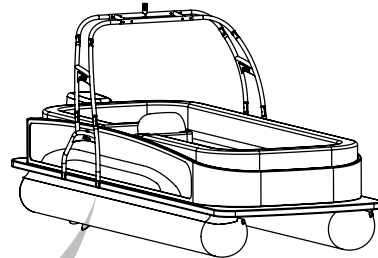
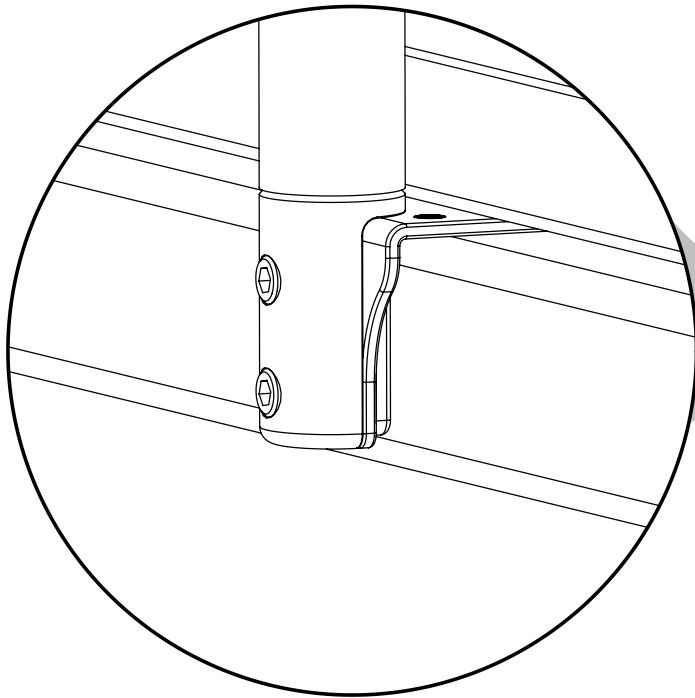
THIS TOWER IS SUPPLIED WITH 2 DIFFERENT TYPES OF MOUNTS.

- 1 - UNDER MOUNT
- 2 - TOP MOUNT

SELECT THE MOUNT THAT BEST FITS YOUR PONTOON BOAT.

**NOTE: THE UNDER MOUNT IS SHOWN IN THIS DIAGRAM.**

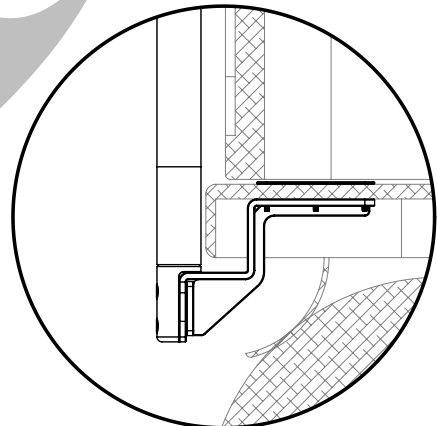
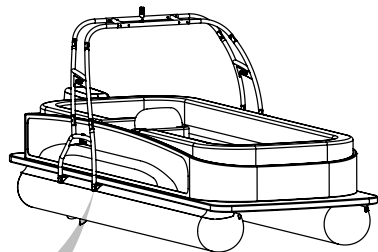
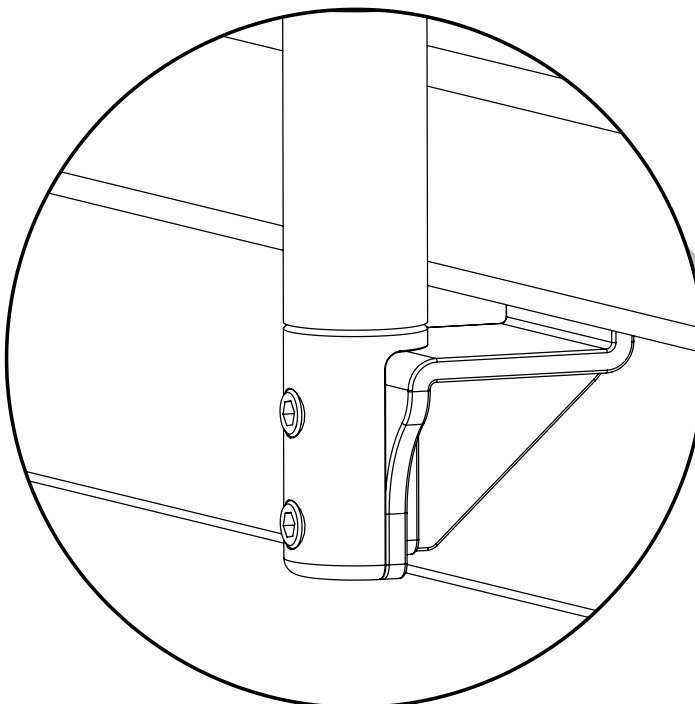
## STEP 1 SELECT THE MOST APPROPRIATE MOUNT TO USE.



SECTION VIEW

**TOP MOUNT** - DESIGNED TO FIT UNDERNEATH THE PLAY PEN RAIL.

**UNDER MOUNT** - DESIGNED TO BE INSTALLED UNDER THE DECK.

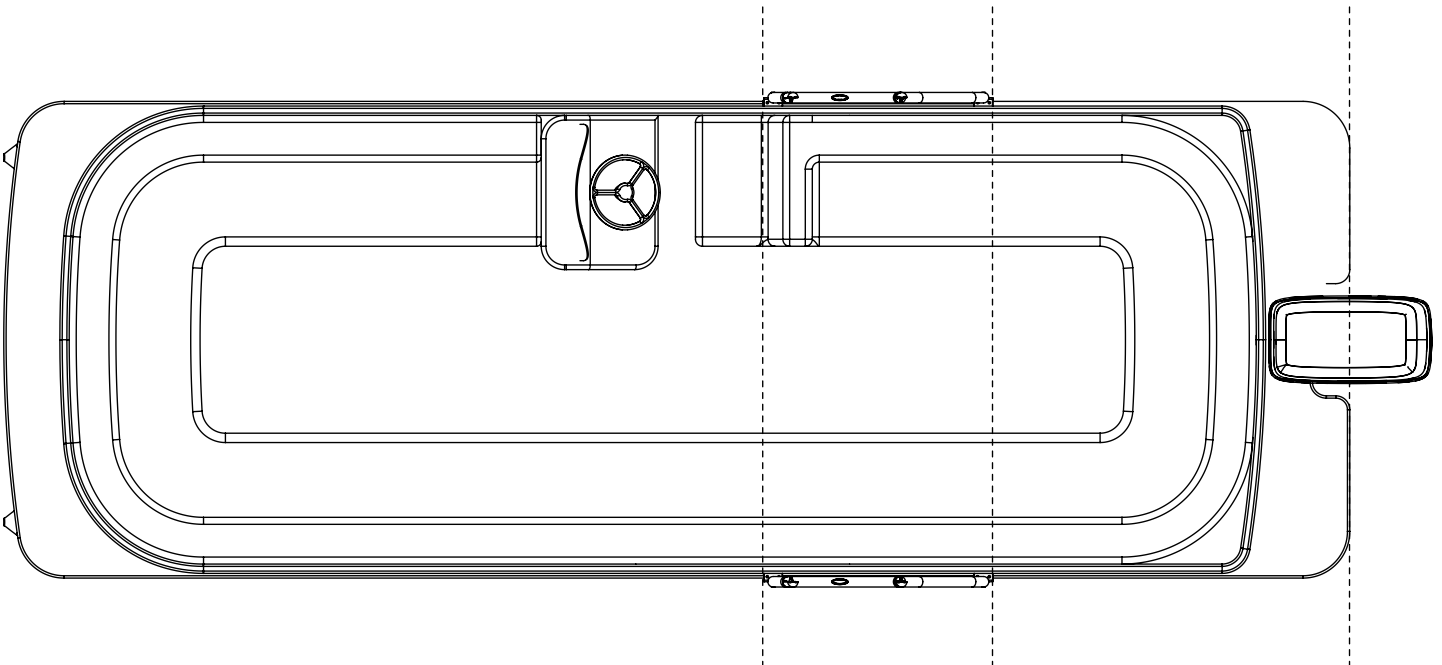
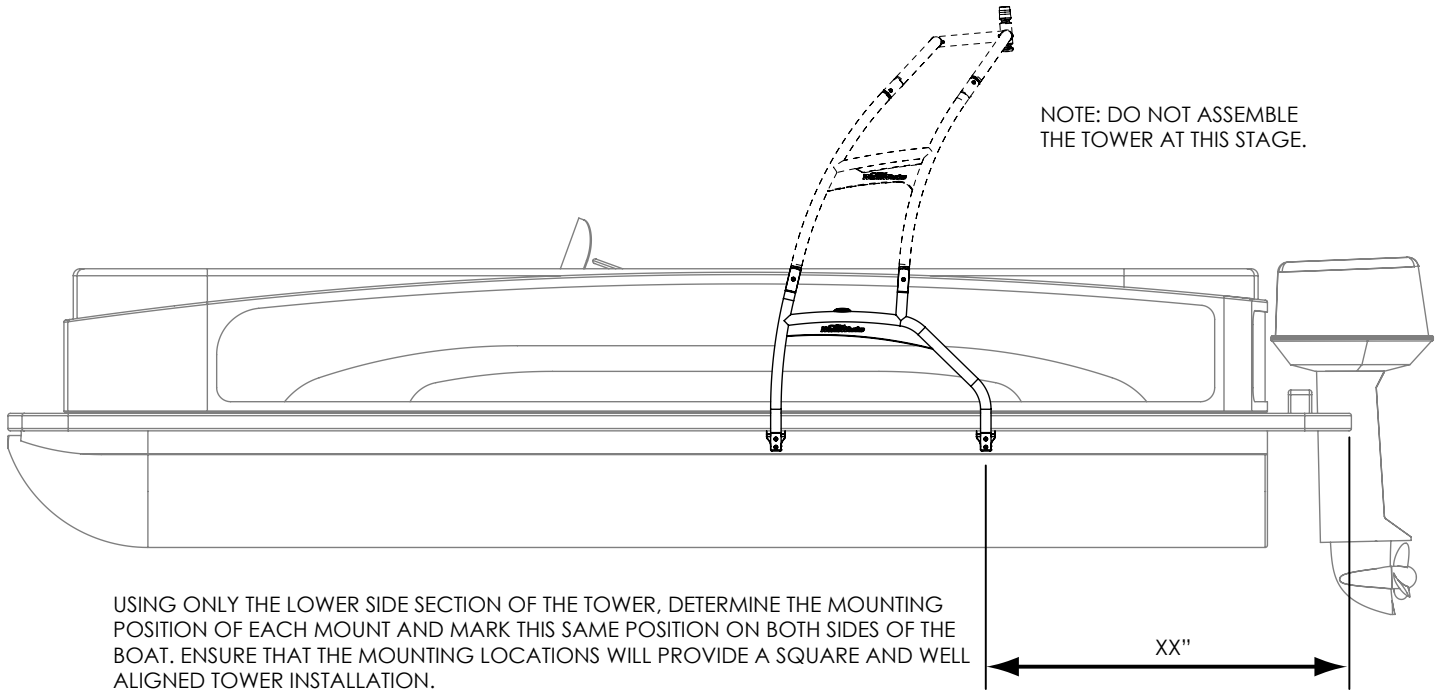


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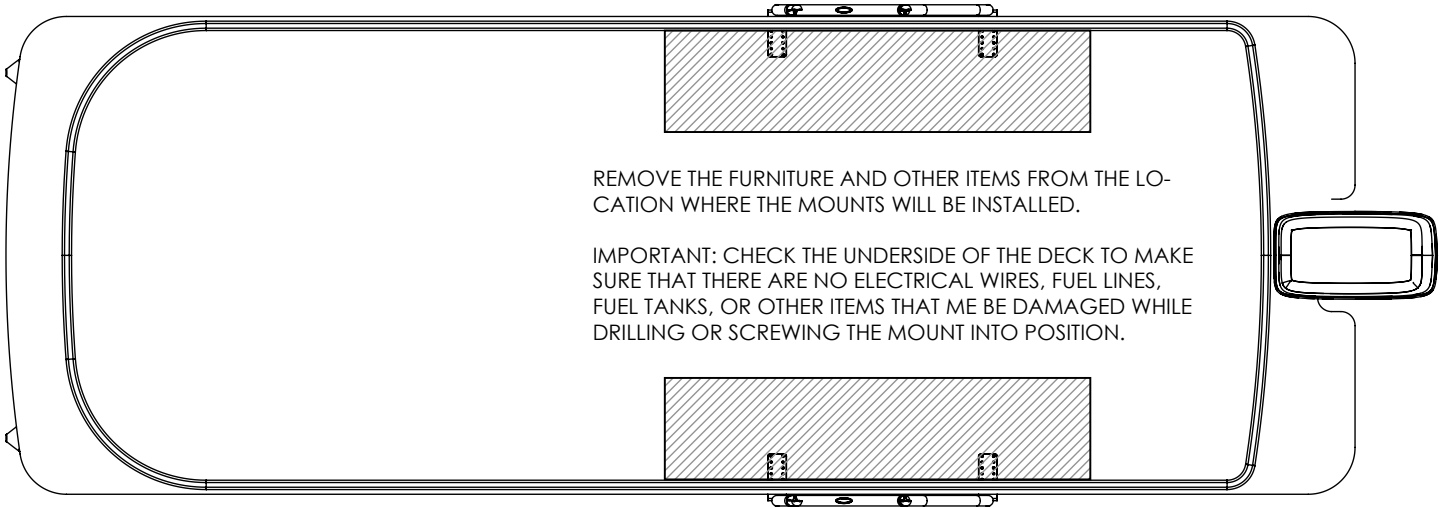
## STEP 2

## SELECT THE MOUNTING POSITION



## STEP 3

## INSTALLING THE MOUNTS



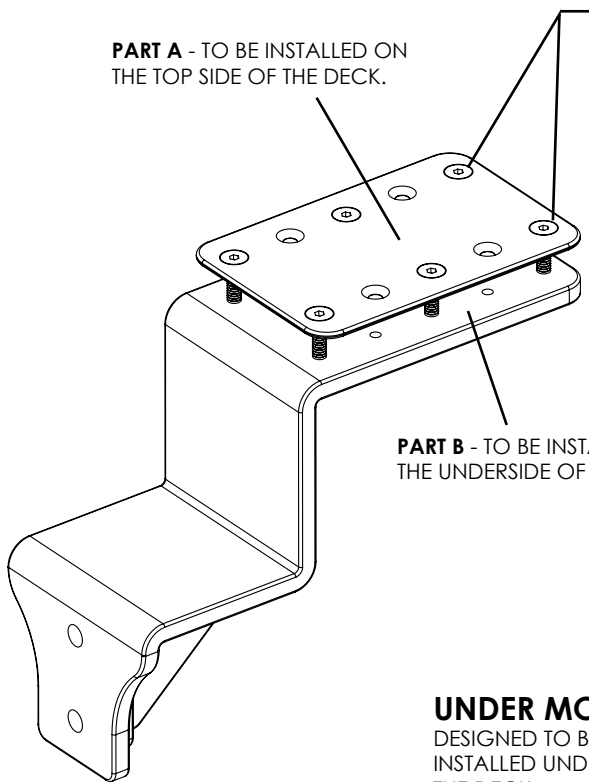
REMOVE THE FURNITURE AND OTHER ITEMS FROM THE LOCATION WHERE THE MOUNTS WILL BE INSTALLED.

IMPORTANT: CHECK THE UNDERSIDE OF THE DECK TO MAKE SURE THAT THERE ARE NO ELECTRICAL WIRES, FUEL LINES, FUEL TANKS, OR OTHER ITEMS THAT ME BE DAMAGED WHILE DRILLING OR SCREWING THE MOUNT INTO POSITION.

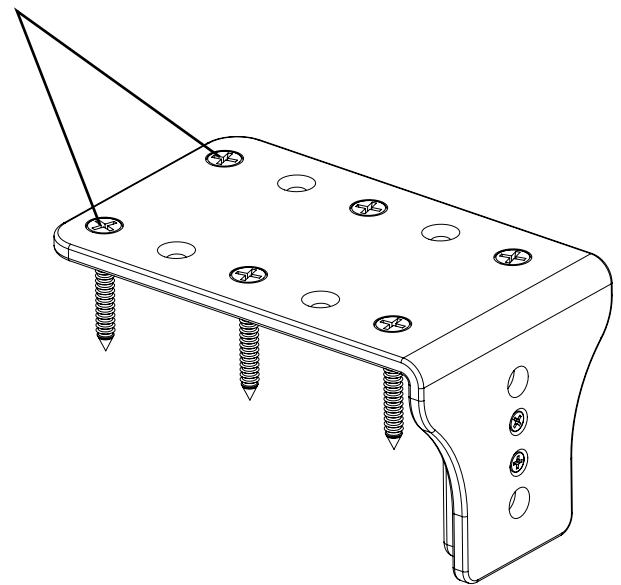
**PART A** - TO BE INSTALLED ON THE TOP SIDE OF THE DECK.

**PART B** - TO BE INSTALLED ON THE UNDERSIDE OF THE DECK.

SEVERAL MOUNTING HOLES ARE PROVIDED TO ALLOW FLEXIBILITY WITH THE INSTALLATION. WE RECOMMEND INSTALLING THE MOUNT WITH AT LEAST 4 BOLTS (2 PER ROW). IF MORE BOLTS CAN BE USED THEN THIS IS ALSO ACCEPTABLE.



**UNDER MOUNT**  
DESIGNED TO BE INSTALLED UNDER THE DECK.



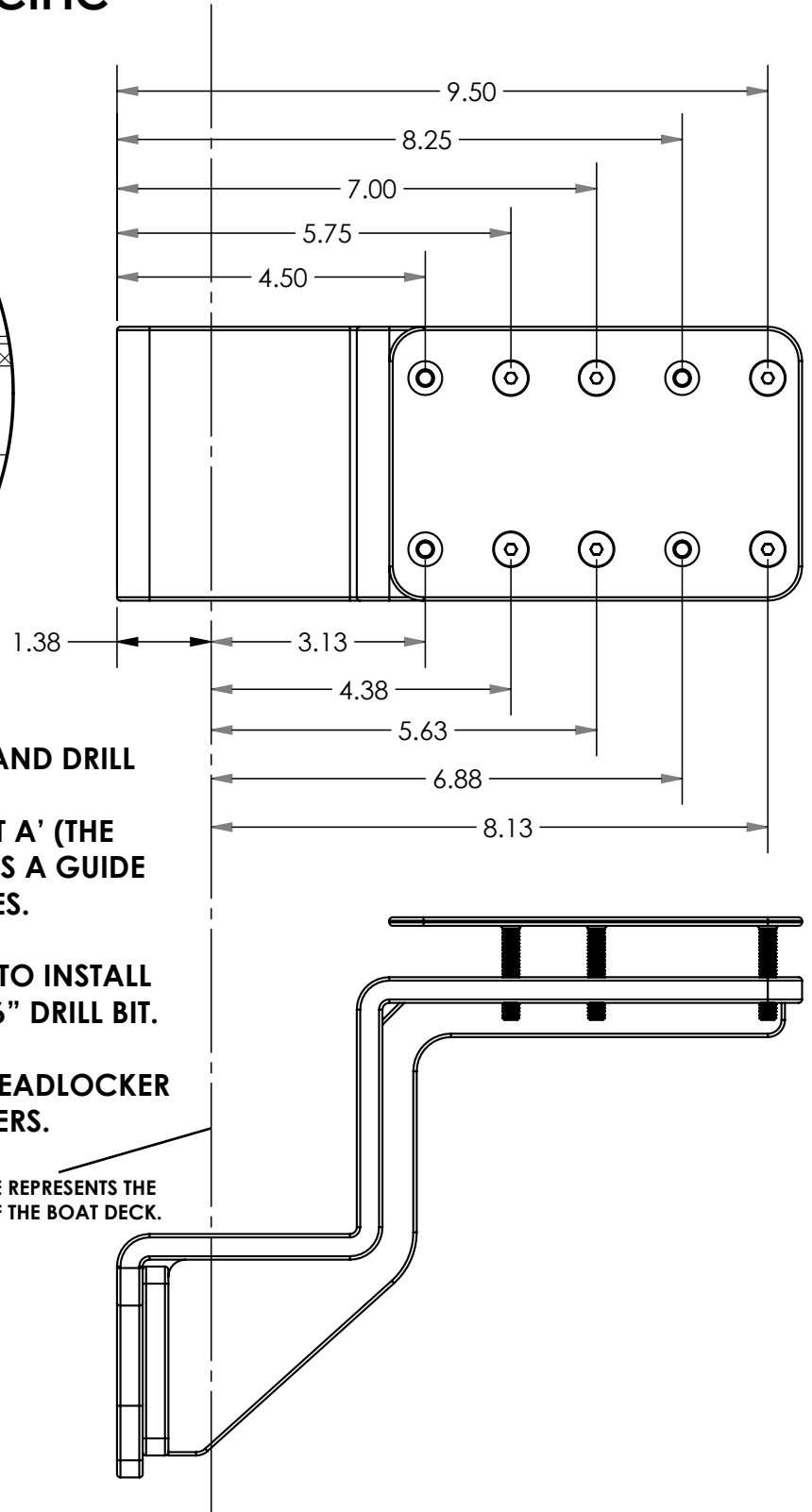
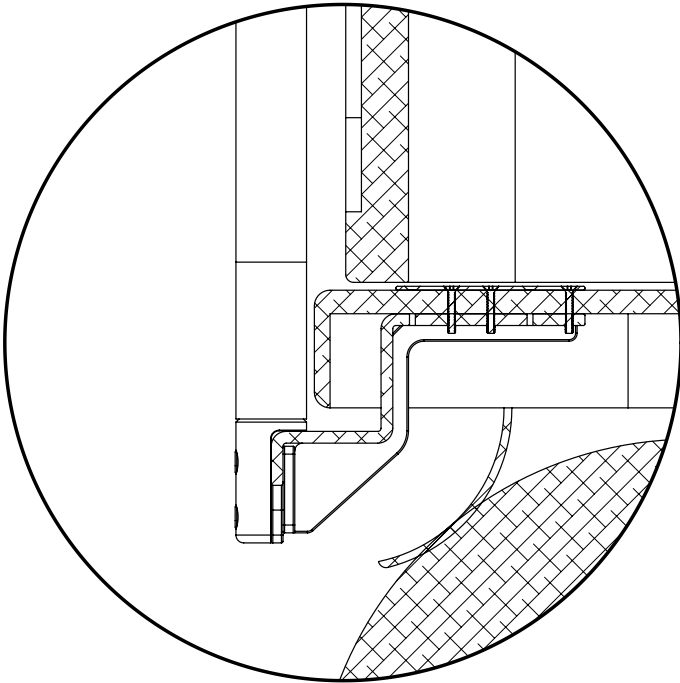
**TOP MOUNT**  
DESIGNED TO FIT UNDERNEATH THE PLAY PEN RAIL.



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## STEP 3 - UNDER MOUNT SPECIFIC



USE THE DIMENSIONS PROVIDED TO MARK AND DRILL THE FIRST HOLE.

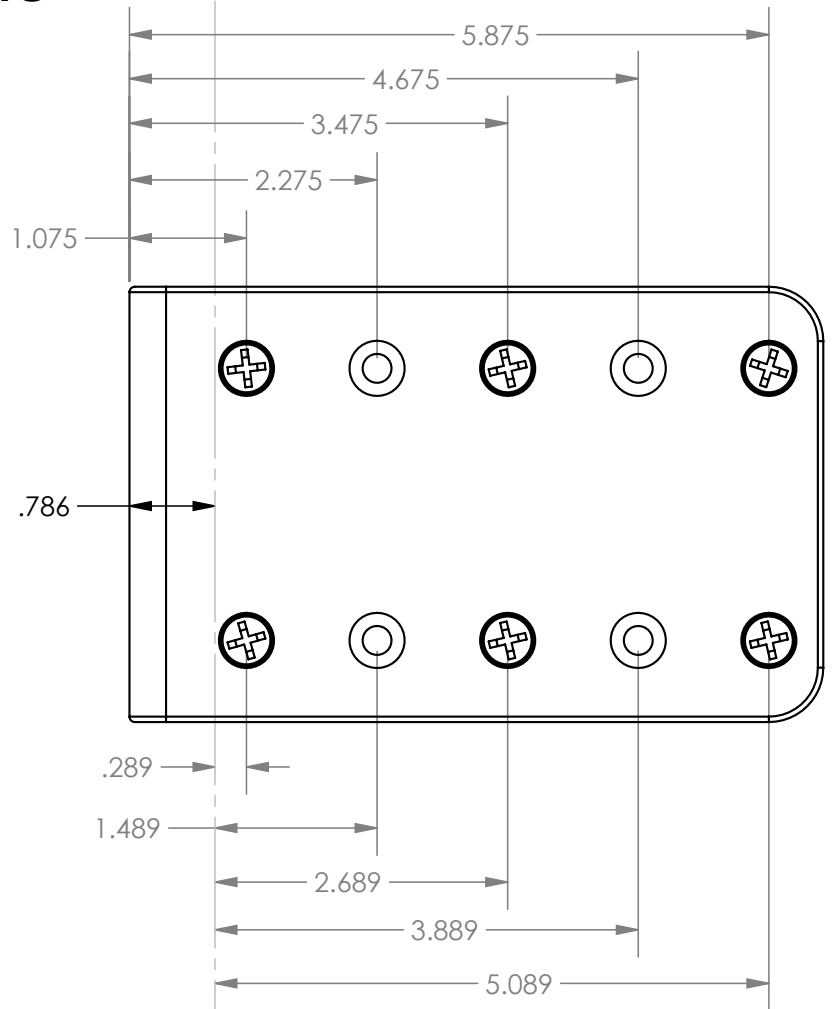
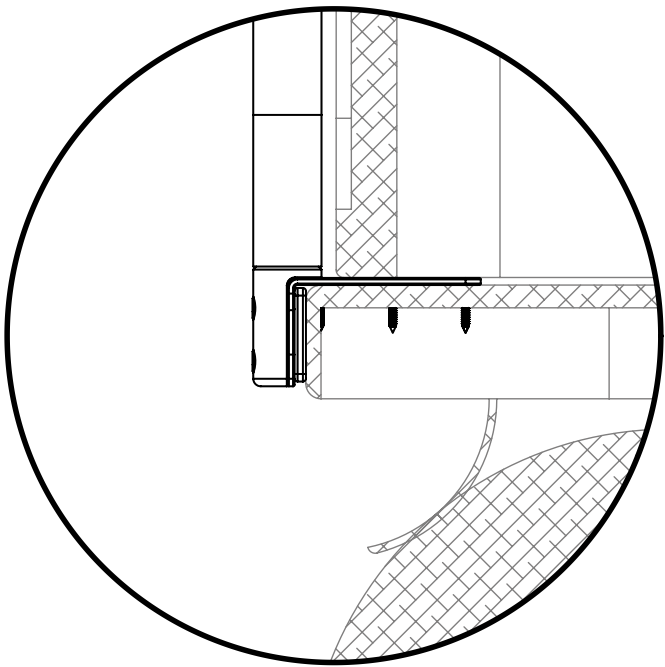
ONCE THE FIRST HOLE IS DRILLED THEN 'PART A' (THE STAINLESS STEEL TOP PLATE) CAN BE USED AS A GUIDE TO MARK THE REMAINING MOUNTING HOLES.

WHEN DRILLING THROUGH THE BOAT DECK TO INSTALL THE MOUNT WE RECOMMEND USING A 5/16" DRILL BIT.

IT IS RECOMMENDED THAT RED LOCTITE THREADLOCKER IS USED WHEN ASSEMBLYING THESE FASTENERS.

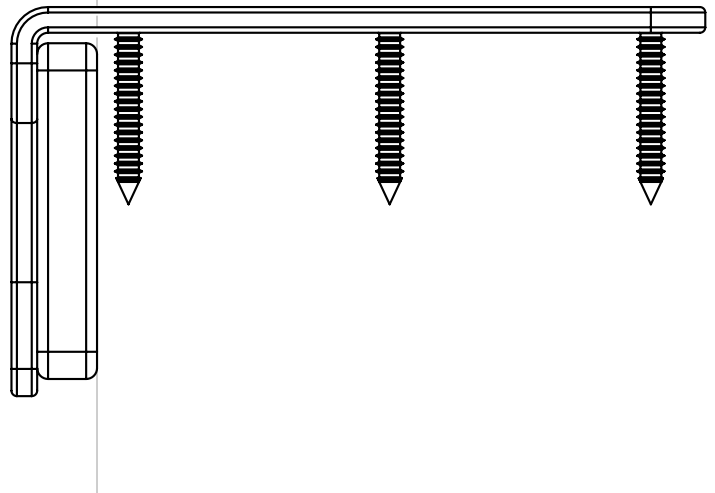
THIS LINE REPRESENTS THE  
EDGE OF THE BOAT DECK.

## STEP 3 - TOP MOUNT SPECIFIC



USE THE DIMENSIONS PROVIDED TO MARK AND SCREW THE MOUNTING PLATE TO THE DECK OF THE BOAT.

THIS LINE REPRESENTS THE EDGE OF THE BOAT DECK.



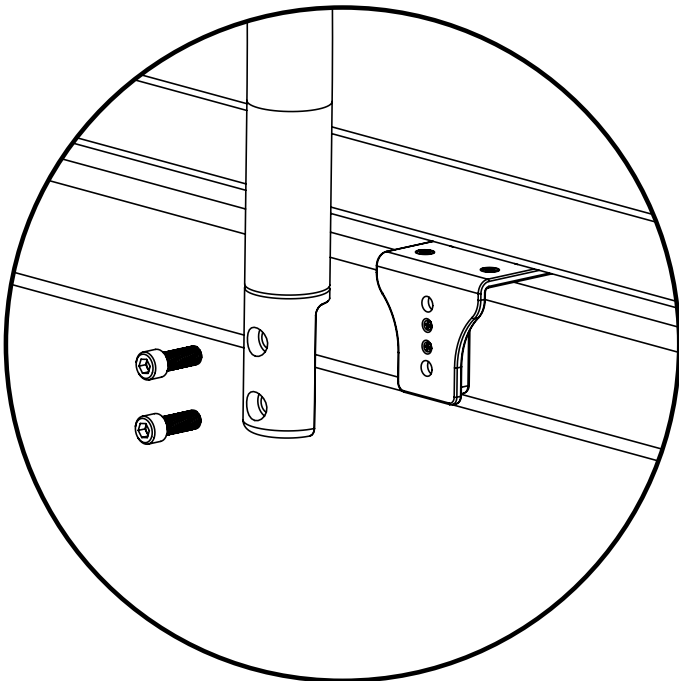
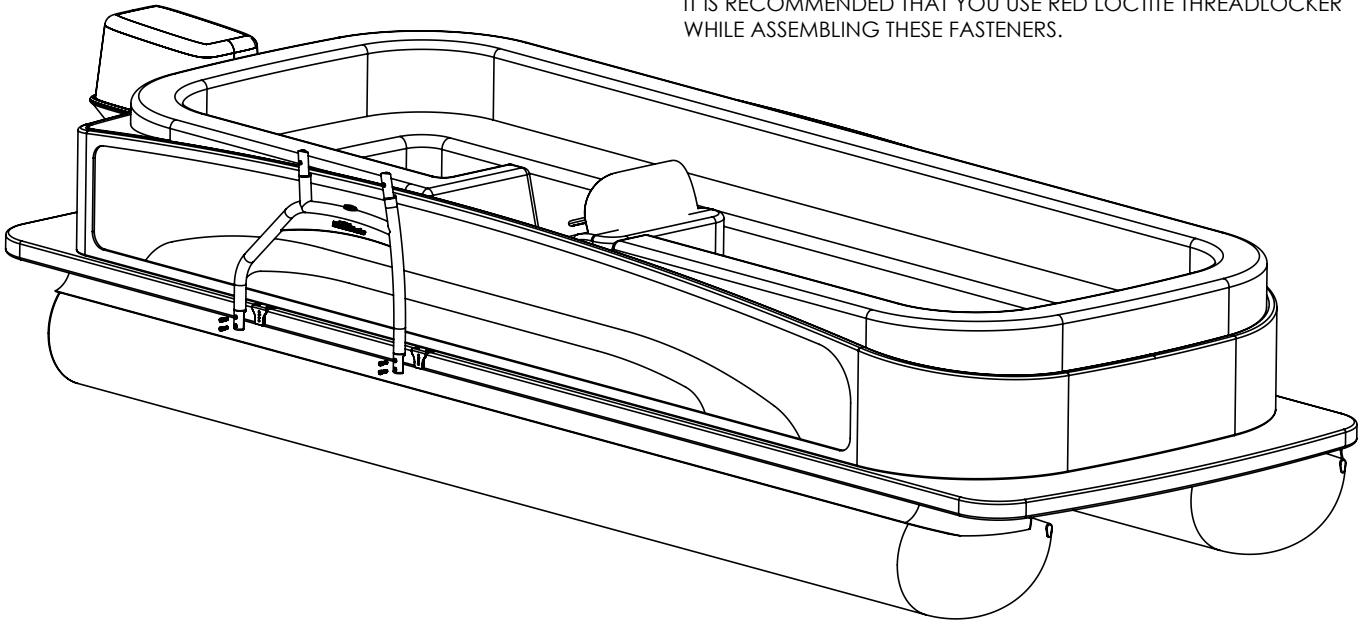
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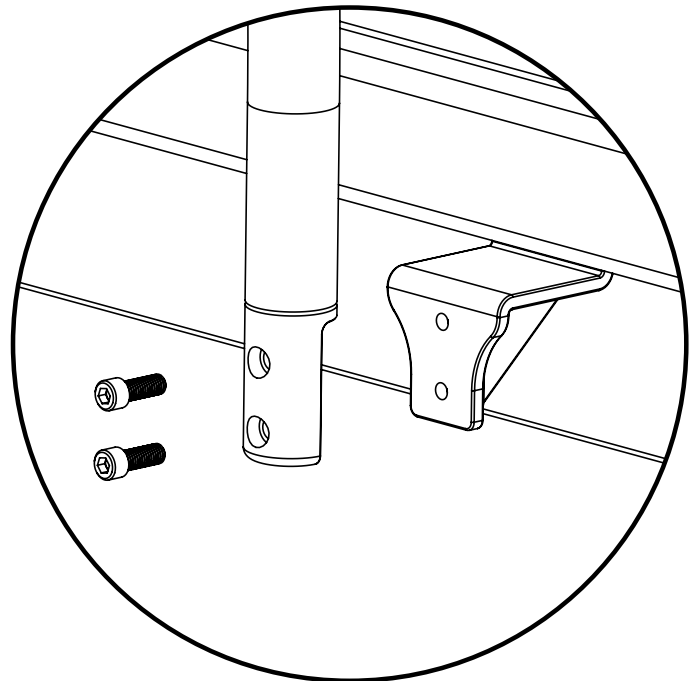
## STEP 4

## INSTALL THE LOWER SIDE SECTIONS

INSTALL EACH LOWER SIDE SECTION USING THE BOLTS PROVIDED. IT IS RECOMMENDED THAT YOU USE RED LOCTITE THREADLOCKER WHILE ASSEMBLING THESE FASTENERS.



TOP MOUNT



UNDER MOUNT

## STEP 5 PLANNING FOR AUDIO AND ELECTRICAL WIRING

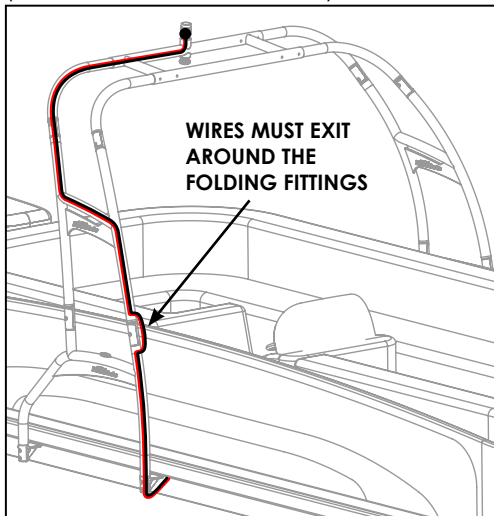
AT THIS STAGE IT IS IMPORTANT TO PLAN FOR AUDIO AND ELECTRICAL ACCESSORIES THAT WILL BE MOUNTED TO THE TOWER. WE RECOMMEND INSTALLING THE NAVIGATION LIGHT WHICH IS SUPPLIED WITH THE TOWER (SHIPPED SEPARATELY). IF YOU ALSO PLAN ON INSTALLING SPEAKERS OR LIGHTS THEN NOW IS THE TIME TO RUN THE WIRES FOR THESE ADDITIONAL ACCESSORIES. THE DIAGRAMS BELOW SHOW SOME TYPICAL ACCESSORY MOUNTING LOCATIONS AND THE RECOMMENDED WIRING PATH FOR EACH.

**NOTE:** THE WIRING OF ACCESSORIES MAY REQUIRE TECHNICAL EXPERTISE. IF YOU ARE IN ANYWAY UNSURE PLEASE CONTACT AN INSTALLATION SPECIALIST.

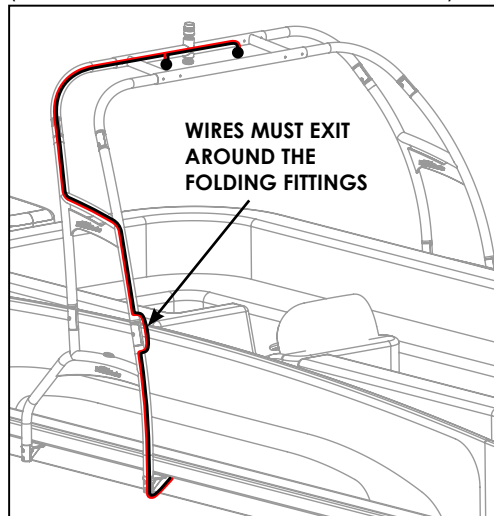
**NOTE:** ACCESSORY POSITIONS MAY VARY DEPENDING ON YOUR PERSONAL PREFERENCE AND REQUIREMENTS. THE DIAGRAMS BELOW ARE SIMPLY SUGGESTED MOUNTING LOCATIONS.

**NOTE:** THE TOWER IS NOT SUPPLIED WITH PRE-DRILLED WIRING HOLES AS EACH CUSTOMER MAY HAVE A DIFFERENT WIRING REQUIREMENT DEPENDING ON HOW THEY FOLD THEIR TOWER OR THE ACCESSORIES THAT THEY WILL MOUNT TO THE TOWER.

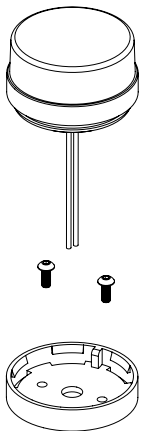
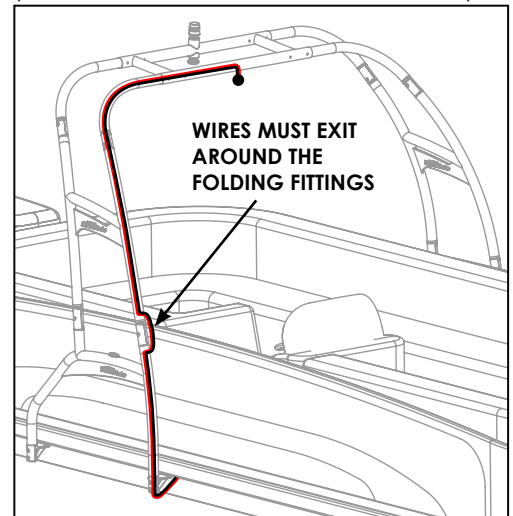
### NAVIGATION LIGHT (MOUNT TO TOP OF TOW POINT)



### HANGING SPEAKERS (MOUNTED TO THE REAR TOP SECTION TUBE)



### LIGHT BAR (MOUNTED TO THE FRONT TOP SECTION TUBE)



THE NAVIGATION LIGHT IS SHIPPED SEPARATELY. IT IS DESIGNED TO BE INSTALLED ON THE TOP OF THE TOW POINT.

### TIPS FOR RUNNING WIRES THROUGH THE TOWER

**RUNNING WIRES CAN SOMETIMES BE A TRICKY JOB BUT WITH THE HELP OF A VACUUM CLEANER, STRING AND TAPE IT CAN MAKE THE JOB REASONABLY EASY.**

- CUT YOURSELF 4 TO 5 LENGTHS OF STRING THAT WILL BE LONG ENOUGH TO PASS THROUGH EACH SECTION OF THE TOWER (ROUGHLY 4' TO 5' EACH - IN LENGTH).
- USING THE SUCTION OF A VACUUM CLEANER, RUN ONE LENGTH OF STRING THROUGH EACH SECTION OF THE TOWER, ENTERING AND EXITING IN THE LOCATIONS THAT BEST SUIT YOUR APPLICATION. NOTE: WITH TAPE, YOU MAY NEED TO COVER OPEN HOLES IN THE TOWER SECTIONS TO INCREASE THE SUCTION STRENGTH THROUGH THE WIRING PATH.
- ALSO NOTE THAT IF YOU PLAN TO FOLD THE TOWER YOU WILL NEED TO EXIT AND ENTER AROUND THE FOLDING FITTINGS. YOU MAY NEED TO DRILL EXIT AND ENTRY HOLES AS REQUIRED. NOTE: MAKE SURE THESE WIRING HOLES ARE NO LARGER THAN A 1/2".
- ONCE EACH SECTION HAS THE STRING RUN THROUGH IT YOU WILL THEN BE ABLE TO BEGIN ASSEMBLY OF THE TOWER. NOTE: AS EACH SECTION IS JOINED TOGETHER, THE STRING AT THESE JOINING POINTS WILL ALSO NEED TO BE CONNECTED. SECURE KNOTS WILL BE REQUIRED SO THAT THE CONNECTION POINTS DON'T PULL LOOSE AS YOU ARE PULLING THE WIRE THROUGH THE TOWER. WE ALSO RECOMMEND TAPING OVER THESE KNOTS SO THAT THEY ARE STREAMLINED AND DON'T GET CAUGHT ON THE ENTRY AND EXIT POINTS.
- FOLLOWING THE ASSEMBLY INSTRUCTIONS YOU WILL THEN BE ABLE TO CONNECT THE END OF THE WIRES TO THE END OF THE STRING AND SLOWLY AND CAREFULLY FEED AND PULL THE WIRES THROUGH THE DIFFERENT SECTIONS OF THE TOWER.
- ONCE THE WIRES REACH THE BOTTOM OF THE TOWER THEY CAN THEN BE TUCKED IN UNDER THE DECK OF THE PONTOON BOAT FOR A NICE CLEAN LOOK.

# WakeWorks

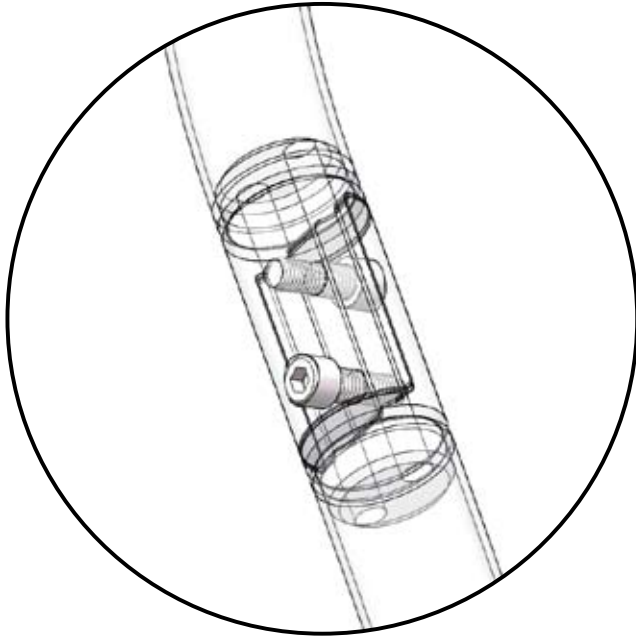
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WAKEBOARDING PRODUCTS

## STEP 5 CONTINUED...

## WIRES & FITTINGS

YOU WILL NOTICE THAT ALL OF THE FITTINGS HAVE WIRING HOLES DRILLED IN THEM. THESE WIRING HOLES ALLOW THE WIRES TO RUN RIGHT THROUGH THE TOWER AND REMAIN COMPLETELY HIDDEN.

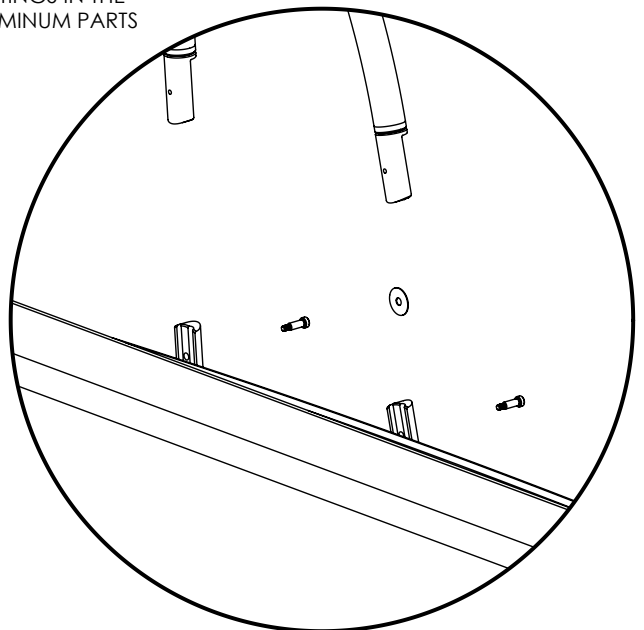
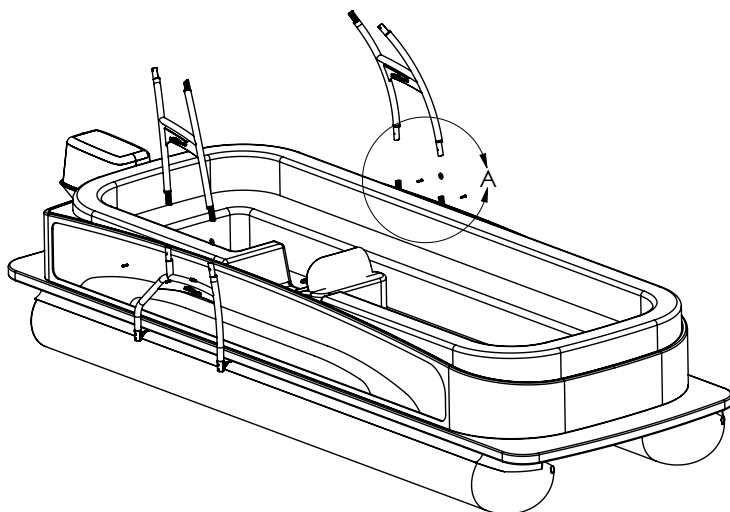
**NOTE: IF YOU WILL BE FOLDING YOUR TOWER FROM TIME TO TIME IT IS RECOMMENDED THAT YOU CONSIDER THE WIRING PATH SO THAT IT CAN ALLOW FOR THE TOWER TO FOLD. IN SOME CASES THE WIRES MAY NEED TO EXIT AND ENTER THE TUBES AROUND THE FITTINGS OR EVEN INCLUDE WIRING CONNECTORS.**



## STEP 6

## INSTALLING THE SIDE SECTIONS

INSTALL EACH SIDE SECTION USING THE SHOULDER BOLTS PROVIDED. THE NYLON WASHERS SHOULD BE PLACED BETWEEN THE FITTINGS IN THE FRONT JOINTS. THIS WILL CREATE SPACE BETWEEN THE ALUMINUM PARTS TO ALLOW THE TOWER TO FOLD.



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## STEP 7

## INSTALLING THE TOP SECTION

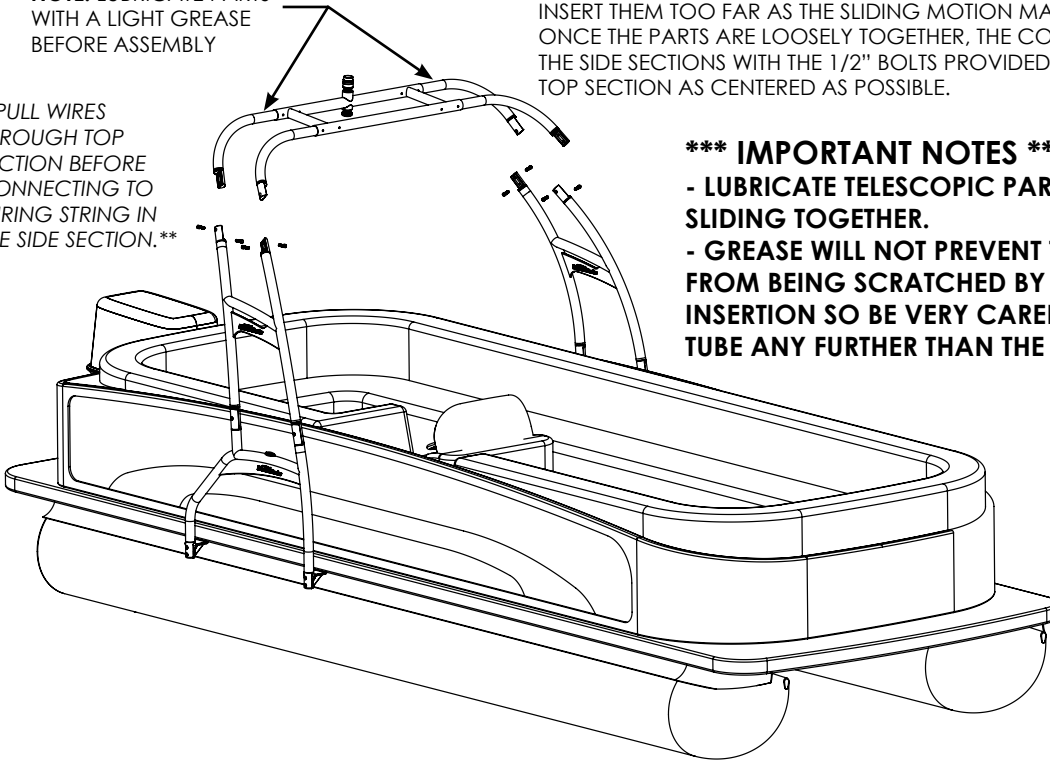
**NOTE:** LUBRICATE PARTS WITH A LIGHT GREASE BEFORE ASSEMBLY

INSERT THE FRONT AND REAR CORNER TUBES INTO THE TOP SECTION. BE CAREFUL NOT TO INSERT THEM TOO FAR AS THE SLIDING MOTION MAY CAUSE THE TUBES TO SCRATCH. ONCE THE PARTS ARE LOOSELY TOGETHER, THE CORNER TUBES CAN THEN BE ATTACHED TO THE SIDE SECTIONS WITH THE 1/2" BOLTS PROVIDED. DURING THIS PROCESS TRY TO KEEP THE TOP SECTION AS CENTERED AS POSSIBLE.

**\*\*PULL WIRES THROUGH TOP SECTION BEFORE CONNECTING TO WIRING STRING IN THE SIDE SECTION.\*\***

### \*\*\* IMPORTANT NOTES \*\*\*

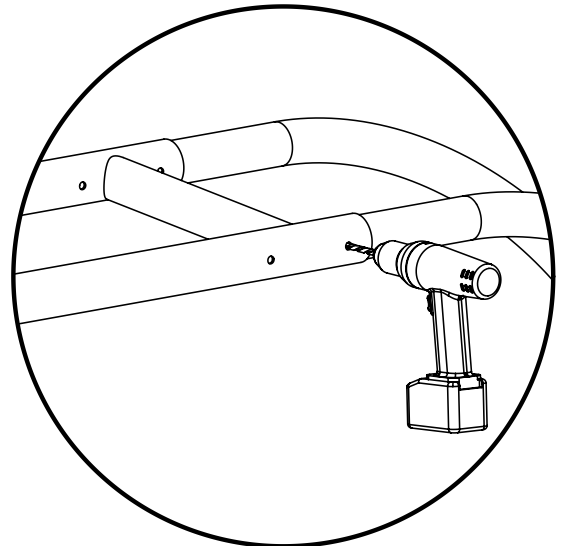
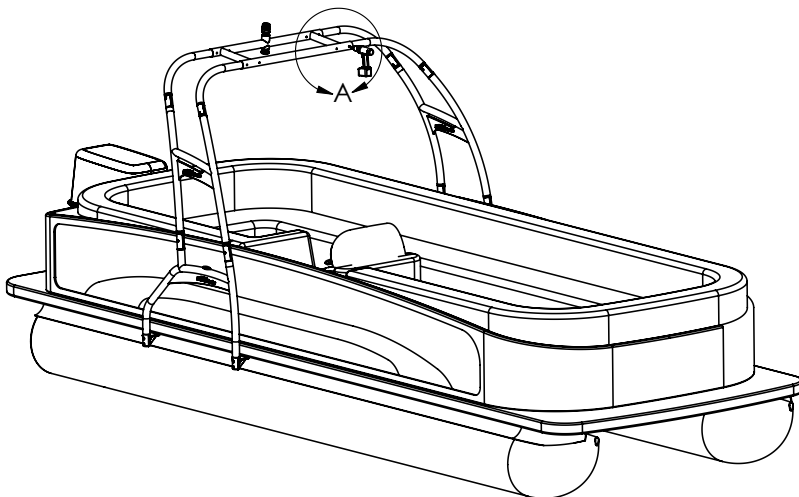
- LUBRICATE TELESCOPIC PARTS WITH A LIGHT GREASE BEFORE SLIDING TOGETHER.
- GREASE WILL NOT PREVENT THE SMALLER DIAMETER TUBE FROM BEING SCRATCHED BY THE TOP SECTION TUBE DURING INSERTION SO BE VERY CAREFUL NOT INSERT THE SIDE SECTION TUBE ANY FURTHER THAN THE FINAL INSTALLATION WIDTH.



## STEP 8

## DRILLING THE TOP SECTION

ONCE THE TOP SECTION IS IN PLACE AND CENTERED ON THE TOWER AND BOAT, IT WILL THEN BE TIME TO DRILL THROUGH THE CORNER TUBES SO THAT THE FASTENERS CAN BE INSTALLED TO SECURELY FASTEN THE PARTS TOGETHER. USE THE PRE-DRILLED HOLES IN THE TOP SECTION AS THE TEMPLATE FOR DRILLING THROUGH THE CORNER TUBES. A 27/64" DRILL BIT IS RECOMMENDED.



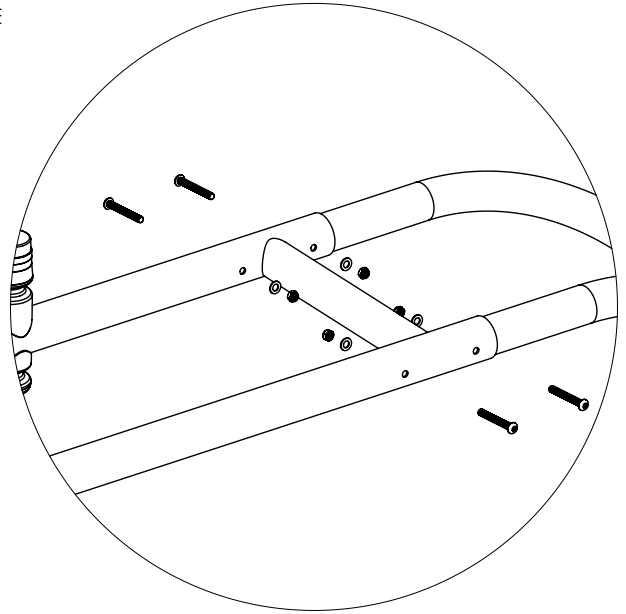
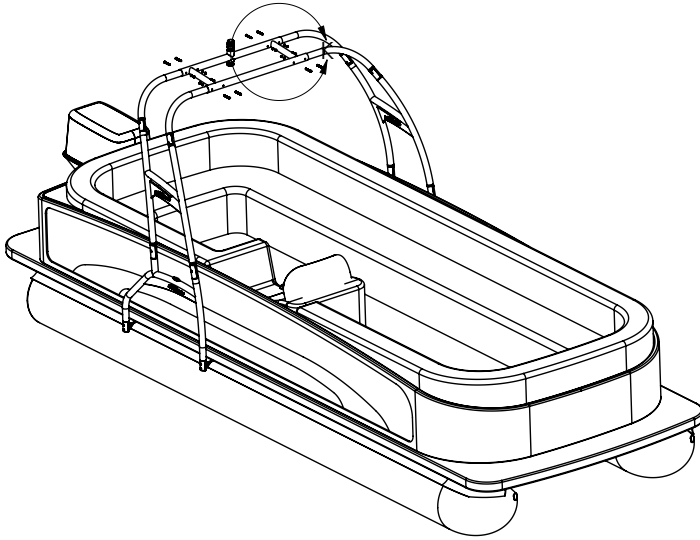
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## STEP 9

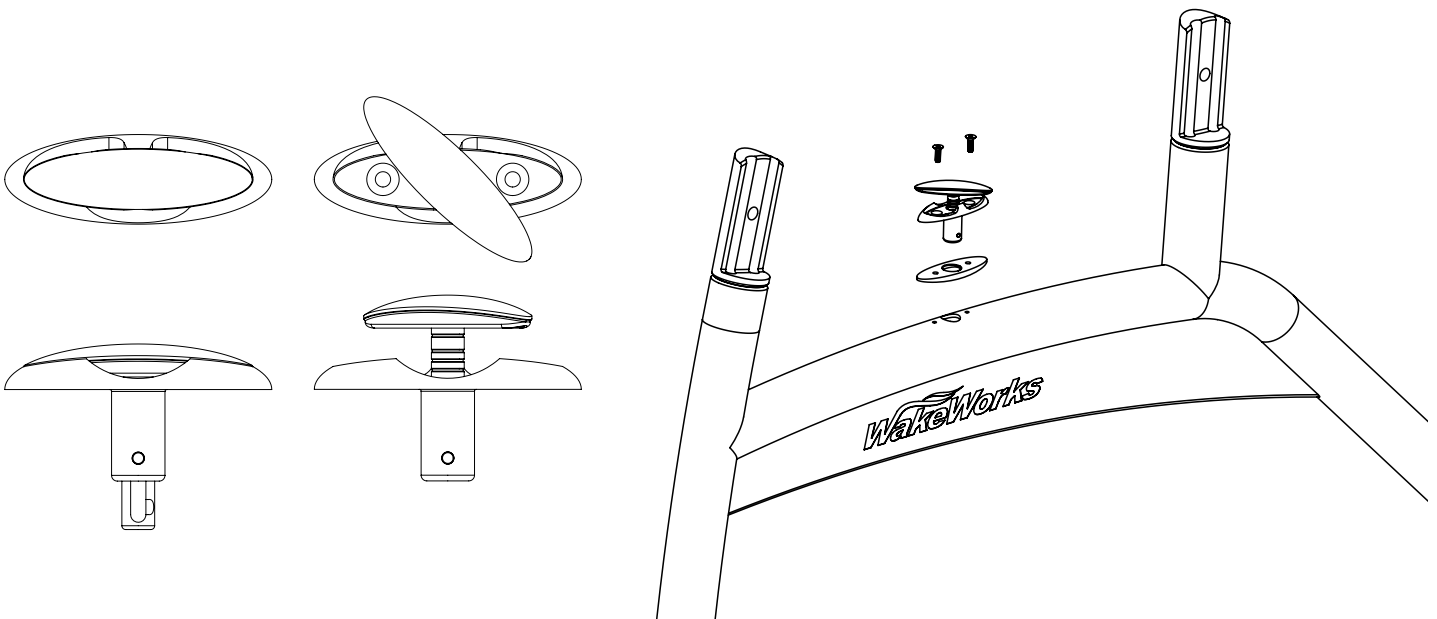
## FASTENING THE TOP SECTION

INSTALL THE 0.375" BUTTON HEAD BOLTS, WASHERS AND NUTS TO SECURE THE TOP SECTION AND CORNER TUBES IN PLACE. WE RECOMEND USING RED LOCTITE THREADLOCKER ON THE NUTS AND BOLTS WHEN ASSEMBLING THESE COMPONENTS.



## STEP 10

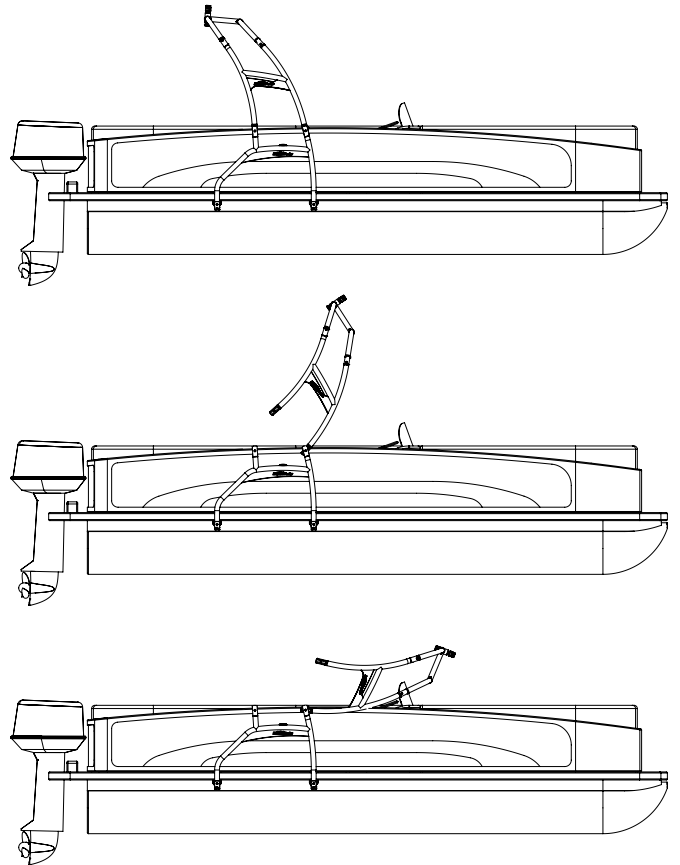
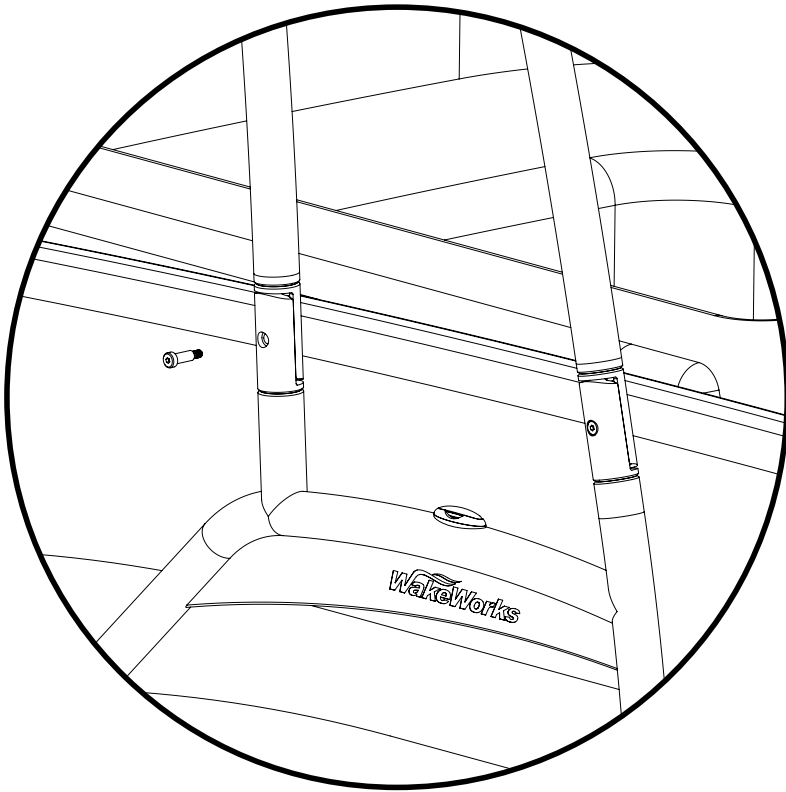
## CLEAT INSTALLATION



LIFT AND ROTATE THE TOP SECTION OF THE CLEAT TO ALLOW THE FASTENERS TO PASS THROUGH THE INSTALLATION HOLES. INSTALL THE CLEAT ON TOP OF THE CLEAT SPACER USING THE FASTENERS PROVIDED. WE RECOMMEND USING RED LOCTITE THREADLOCKER WHEN INSTALLING THESE FASTENERS.

## STEP 11

## FOLDING THE TOWER



TO FOLD THE TOWER FORWARD, DISCONNECT THE TWO REAR LEGS FROM THE LOWER SIDE SECTIONS BY REMOVING THE TWO SHOULDER BOLTS. ONCE THESE BOLTS ARE LOOSE THE TOWER WILL BE ABLE TO FOLD FORWARDS.

ONCE FOLDED FORWARDS THE TOWER WILL REST ON THE PLAYPEN RAILING. WE SUGGEST INSERTING A SOFT PAD BETWEEN THE PARTS IN THE AREA WHERE THE TOWER MAKES CONTACT WITH THE BOAT SO THAT IT PREVENTS SCRATCHING OR MARKING OF BOTH THE BOAT AND THE TOWER.



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