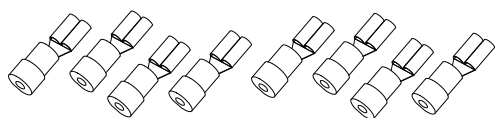
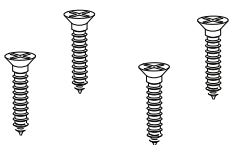


### Tower Wiring Harness Hardware



8x Sta-Kon Connectors



4x Phillips Head Screws

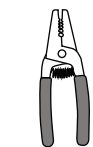
### Tools Required



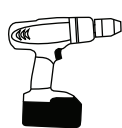
Phillips  
Screw Driver



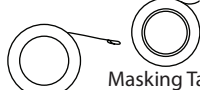
7/64" Drill Bit



Wire Strippers  
& Crimps



Drill



Masking Tape

Fish Tape



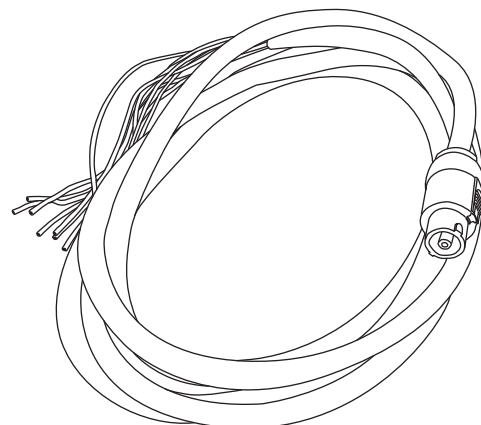
1.25" Hole Saw



Countersink



Pencil



\* A CERTIFIED MARINE ELECTRICIAN IS REQUIRED FOR THE INSTALLATION INSIDE THE BOAT \*

### NOTES

Speaker Wire (not included) for wiring inside the boat

Positive and negative 16 gauge wire to run from behind the port side rear tower mount to your AMP or deck.

LED Deck Wire (not included)

Positive and negative 18 to 16 gauge wire to run from behind the port side rear tower mount to your power source. We suggest connecting the LED wires to your boat's switch panel for a good 12V power source.

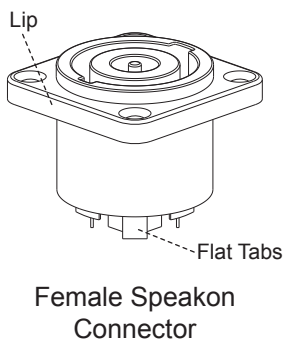
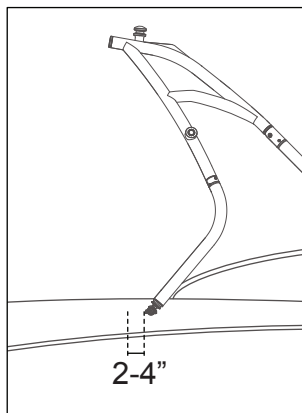
**\*BEFORE WIRING ANYTHING PLEASE MAKE SURE YOUR BOAT, DECK, AND AMP ARE ALL TURNED OFF\***

Because each boat and tower setup is different there are no specific instructions for wiring a tower – generally the wires are ran internally through the tower. To do this a series of holes must be drilled to allow you to fish and run the wiring harness up the tower to your desired mounting location. Alternatively you can run the wires outside the tower using zip ties.

Be sure to run the Tower Wiring Harness up through the tower before making your connections between the two harnesses, this will prevent having to detach the connectors. Once you have fished each wire through the holes, attach the harnesses (we recommend using butt connectors or solder for a durable connection).

# A

Begin by covering the area on the deck you wish to drill with masking tape. Mark the area with a pencil, making sure the lip of the female speakon connector will not touch the mount.



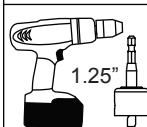
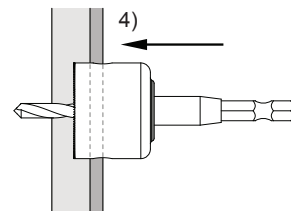
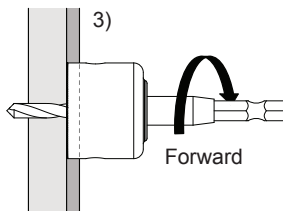
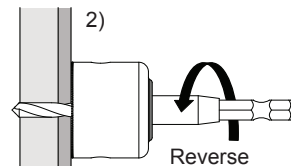
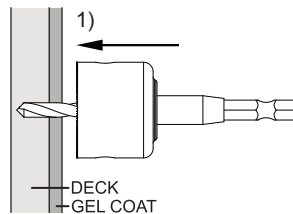
Female Speakon  
Connector



**Note** – Before drilling check inside the gunwales of the boat to ensure you will not be drilling into any electrical wires or cables.

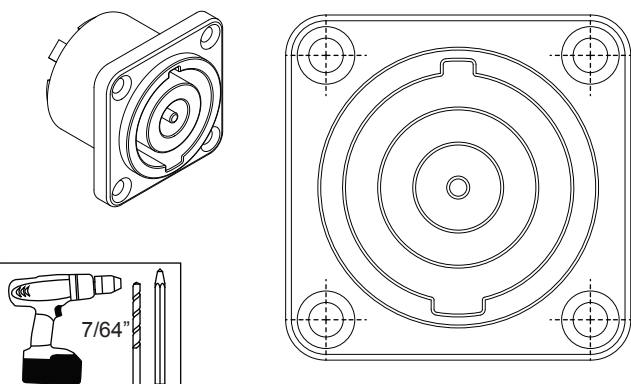
# B

1) Carefully drill the pilot hole. 2) Just before the hole saw comes in contact with the gel coat run the drill in reverse while slowly allowing the blade to contact the deck (this will help protect the gel coat from cracking).

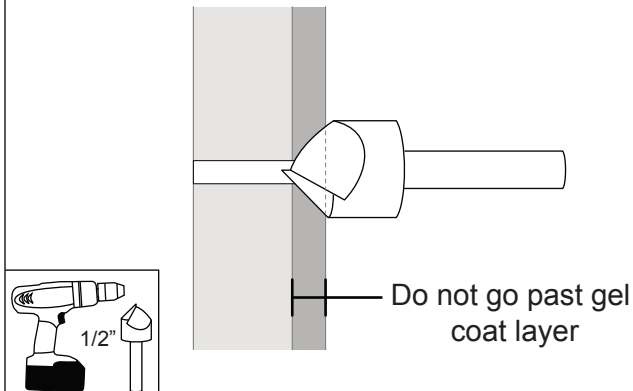


3) Once the hole saw passes through the gel coat, switch the drill back into forward and 4) finish drilling the hole.

**C** Insert the female speakon connector into your new hole. Mark the 4 small screw holes on the speakon with a pencil and remove it from the hole. Drill the 4 holes you just marked using a 7/64" drill bit.

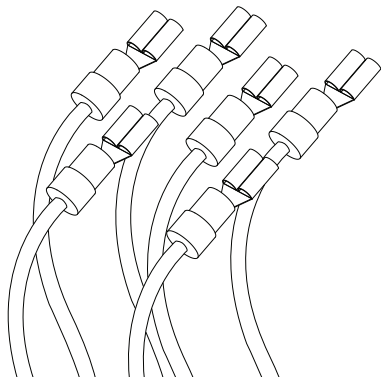


**D** With your countersink bit (we recommend 1/2"), carefully countersink each hole—do not go past the gel coat layer (this is to again help prevent the gel coat from cracking).



**E** Attach the Sta-Kon connectors to one end of your 18-16 gauge wires (inside the boat deck).

Sta-Kon Connectors



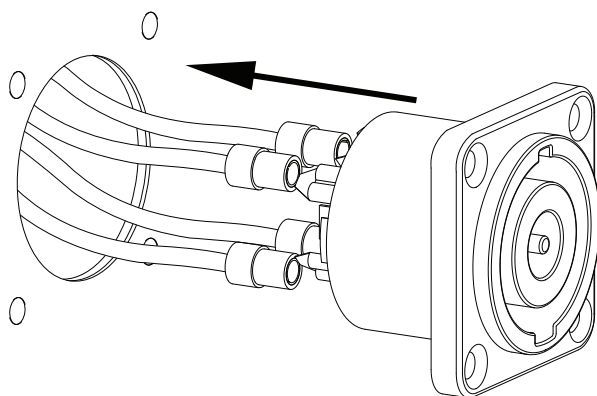
Insert the ends of the wire (with the Sta-Kon connectors) out through the 1.25" hole.

**F** Connect the Sta-Kon connectors to the corresponding terminals (Flat Tabs) on the female speakon connector using the chart below. Then connect your desired product to the harness using the same chart.

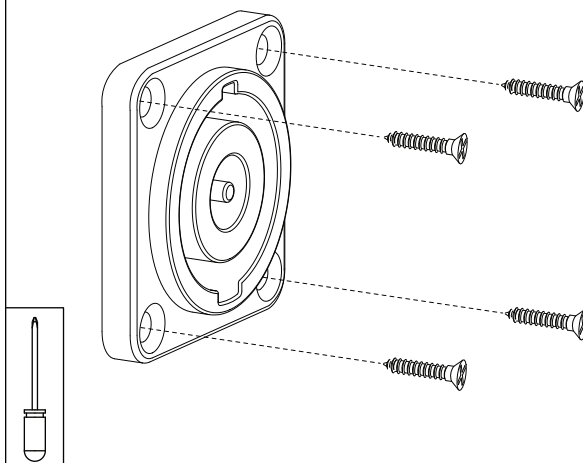
### Tower Wiring Harness

Terminal	Wire Colour	Function
1+	Red	Port Speaker +
1 -	Black	Port Speaker -
2+	Orange	Starboard Speaker+
2 -	Brown	Starboard Speaker -
3+	Yellow	LEDs +
3 -	Blue	LEDs -
4+	White	(Op. Nav. Light+)
4 -	Green	(Op. Nav. Light -)

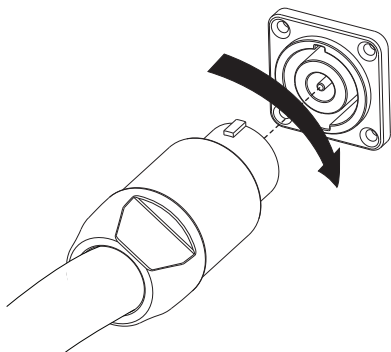
**G** Once the wires are connected to the terminals, run a bead of silicone caulking around the edge of the speakon hole and a dab on each screw hole. Place the female speakon connector back into its hole.



**H** Using the 4x 5/36" screws fasten the female speakon connector to the boat deck.



**I** Insert the male speakon into the female on the deck, and twist clockwise to engage.



**J** Run the speaker wires to your Amplifier or deck and connect. Run the two power wires to your chosen power source and turn power back on.