

Assembly Instructions for SmartPlug Boatside Connector

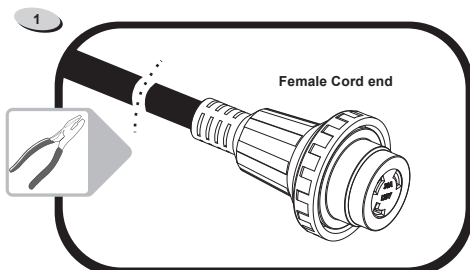


For questions, comments or concerns please call 206-285-2990 or email at info@smartplugsystems.com

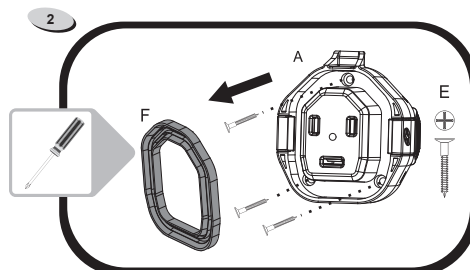
- Flathead Screwdriver
- #2 Phillips Screwdriver
- Stripping Pliers
- Scissors
- Liquid Soap
- Rag or Paper Towels



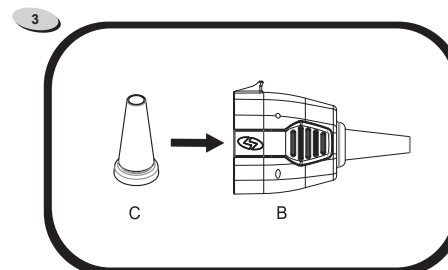
Tools Needed



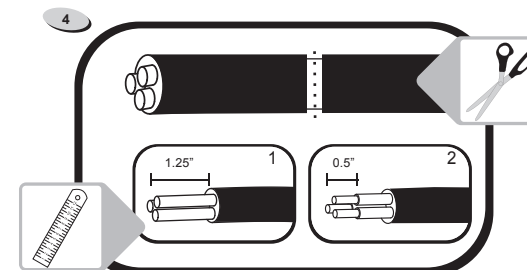
With cord disconnected from both the *dock and *boat, cut off the female plug from the existing cord.



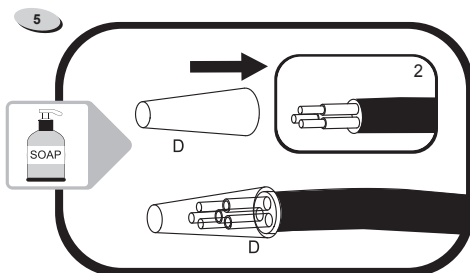
Remove gasket to access screws. Back out the screws (3) from the face of the SmartPlug assembly and set aside for reinstallation. Squeeze side levers and pull on plug face to pull out internal connection from plug housing.



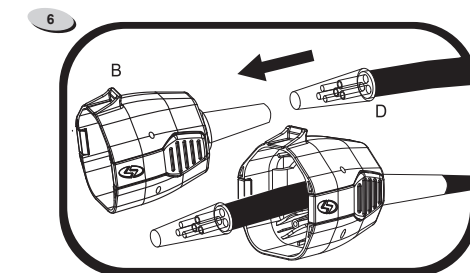
Slide rubber cord gasket into the rear of the plug housing making sure the cord gasket "pops" into place.



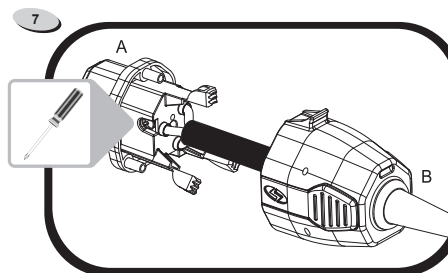
*1 Strip back no more than 1 1/4" of the exterior wire insulation. Be careful not to cut the insulation of the three internal wires.
2 Strip back 1/2" of insulation from each of the three wires. Make sure the wire is in good condition, a clean and bright copper color. Refer to 1:1 diagram on bottom of instructions.



Placing the larger end of the supplied installation tool over the three wires, apply liberal coating of liquid soap to the installation tool and the first 3 inches of the cord.

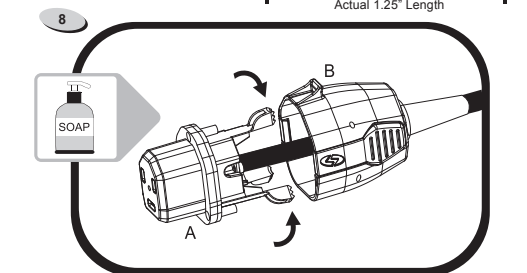


With the install tool securely covering all three wires, force the cable through the rear of the cord seal and plug body as shown.

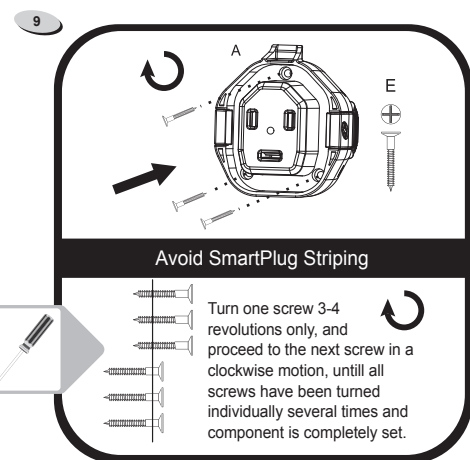


Twist bare copper wires into a tight and straight formation. Carefully reverse the terminal clamp screws until enough clearance is visible. Insert the bare wires into the color coded terminals until the wire insulation butts up firmly and completely within the circular inlets. Make sure no stray copper fibers are visible, and no plastic wire insulation is accidentally captured by the metal terminal clamps. Then, tighten the wire terminal screws.

Torque specs: 14lb-20lb



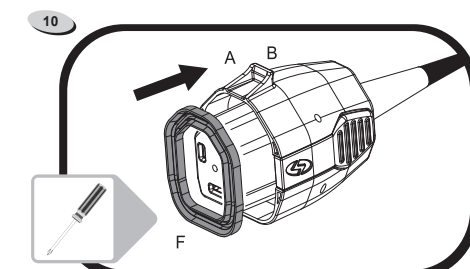
Carefully bend or flex all 3 of the jaws toward the cable or center, re-lubricate the short section of cord, and carefully PUSH the components together. **DO NOT PULL!**



Avoid SmartPlug Stripping

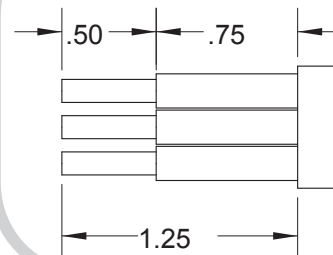
Turn one screw 3-4 revolutions only, and proceed to the next screw in a clockwise motion, until all screws have been turned individually several times and component is completely set.

This will evenly tighten the components and avoid any out-of-alignment issues. Before adhering sealing gasket, test fit the plug into the inlet to make sure both side locks engage the inlet.



Peel the paper off the neoprene ring seal and carefully slide it down into the recess on the face. Use a small blunt object to push it down the rest of the way. Once the seal is seated in the recess, plug it into the inlet and the seal will be permanently set.

*Actual Size of Stripped Wires



Materials Included

