

# Installation Instructions

Thank you for your recent purchase of Power Pux, the World's first Power Supplied trolling motor quick release Bracket.

Now let's get started assembling this to your trolling motor and get it mounted on your boat.

In the box, you will find the full kit including the hardware needed to secure the bracket to your trolling motor, (2) red and (2) black heat shrink tubing, a theft deterrent padlock and a gray rubber end cap to cover and protect the plug on your deck puck when not in use.

You will need to supply your own hardware to mount the puck to your deck. The length and style of that hardware will depend on the thickness and material type of your deck and/or whether you will be using backing plates, washers or simply tapping into a solid material.

**Please note: The puck will not be removable until the bracket is firmly attached to your trolling motor base. Please perform these following steps in the order that they are written.**

1. First, locate the hardware package and identify the (6) -  $\frac{1}{4}$  x 20 Flat Head machine threaded screws and Nylock nuts.
2. Next, remove the side panels of your trolling motor base and set them to the side.
3. Now, align the Power Pux bracket with the pre drilled holes in the trolling motor base. Be sure the puck wires are exiting down and the wire exit hole in the Power Pux bracket is facing the rear of the trolling motor base. This is where you will connect the wires from the trolling motor to the Power Pux Bracket. **See Fig 1 page 6.**

4. Insert the six Flat Head screws into the countersunk holes in the bottom of the bracket and secure them firmly to the trolling motor base using the six Nylock nuts.
5. Using firm pressure, remove the Stainless Power Pux locking pin.
6. You can now remove the puck from the bracket by sliding it backwards.

### **You are now ready to install the Puck**

7. Place the entire trolling motor assembly on the deck in your desired location. Deploy the trolling motor to ensure the shaft clears the rub rail according to the trolling motor manufacturer's specifications. Mark the location of the Power Pux Quick Release Bracket with a lead pencil on your deck once you are satisfied with the mounting location.

**Note: Be sure to check for obstacles on the underside of the deck before drilling any holes.**

8. Place the provided template within the pencil lines on your deck and mark the (4) mounting holes and the  $\frac{3}{4}$ " inch wire hole with a lead pencil.

9. Drill the (4)  $\frac{1}{4}$ " inch mounting holes.

NOTE: If you have a hard Phenolic board material laminated into your deck, Use a  $\frac{1}{4}$ -20 Tap kit which comes with a  $\frac{13}{64}$ " Drill bit. You can then screw right into the deck without the need for backing washers, nuts or a backing plate.

10. Drill the wire hole using a  $\frac{3}{4}$ " inch hole saw or spade bit. The spade bit works best when drilling through hard Phenolic board materials.

11. Determine the best wire chase option from your batteries and run your 8 gauge wires thru the wire hole in your deck.

**Note: a 60 amp surge protection breaker is highly recommended to be used in-line with the red power wire between the batteries and the trolling motor puck. Absence of a 60 amp breaker may void your warranty.**

12. Cut the exposed wires from the batteries to the desired length and strip the wire insulator on the ends to expose 3/8" of an inch of bare wire.

13. Slide one of the provided red and one of the black heat shrink tubing over the wires first and then insert and crimp the wires (Red to Red & Black to Black) together inside the wire connectors already attached to the deck puck plug wires. Slide the heat shrink jackets over the butt connectors and center so that the heat shrink is covering equal lengths of the wire insulation on each end of the connectors. Using a heat gun or small butane torch, heat the heat shrink tubing until visibly waterproof around the wires and connectors.

14. Apply an ample amount of BoatLife LifeSeal caulking around the wire hole, all (4) screw holes and inside the entire parameter of the puck to eliminate water intrusion.

15. Secure the puck to the deck using your chosen hardware and attachment method. **Be sure the power plug is facing aft.**

16. Clean all excess Sealant from around the parameter of the puck using Acetone or similar cleaning solvent.

17. Slide your trolling motor onto the puck in a forward motion, insert the locking pin and padlock.

## **Now it's Time to connect the trolling motor to the power plug.**

**18. PLEASE ENSURE THE BATTERY SWITCH IS TURNED OFF AND/OR DISCONNECT THE BATTERIES BEFORE FOLLOWING THE NEXT STEPS.**

**19.** Deploy the trolling motor to provide access to the trolling motor housing.

**20.** Now lift up while squeezing the side locking/release tabs on the trolling motor housing (cover) and remove it to expose the motherboard and circuit wiring. **See Fig 2. page 6**

**NOTE: There will be some small wires attached to the housing for the indicator lights. Be very careful and lay the housing (cover) to the side.**

**21.** Remove the black plastic wire retainer that secures the trolling motor wires and the accessory foot pedal cable. **See Fig 3 page 7.**

**22.** Measure and cut the trolling motor wires outside of the trolling motor housing so that 2" inches are exposed, Separate the black and red bonded wires by pulling them apart approximately 3" inches and then strip the wire insulator on the ends to expose 3/8" of an inch of bare wire

**23.** Slide the provided red and black heat shrink tubing over the wires first and then insert and crimp the wires (Red to Red & Black to Black) together inside the wire connectors already attached to the plug wires. Slide the heat shrink jackets over the butt connectors and center so that the heat shrink is covering equal lengths of the wire insulation on each end of the connectors. Using a heat gun or small butane torch, heat the heat shrink jackets until visibly waterproof around the wires and connectors.

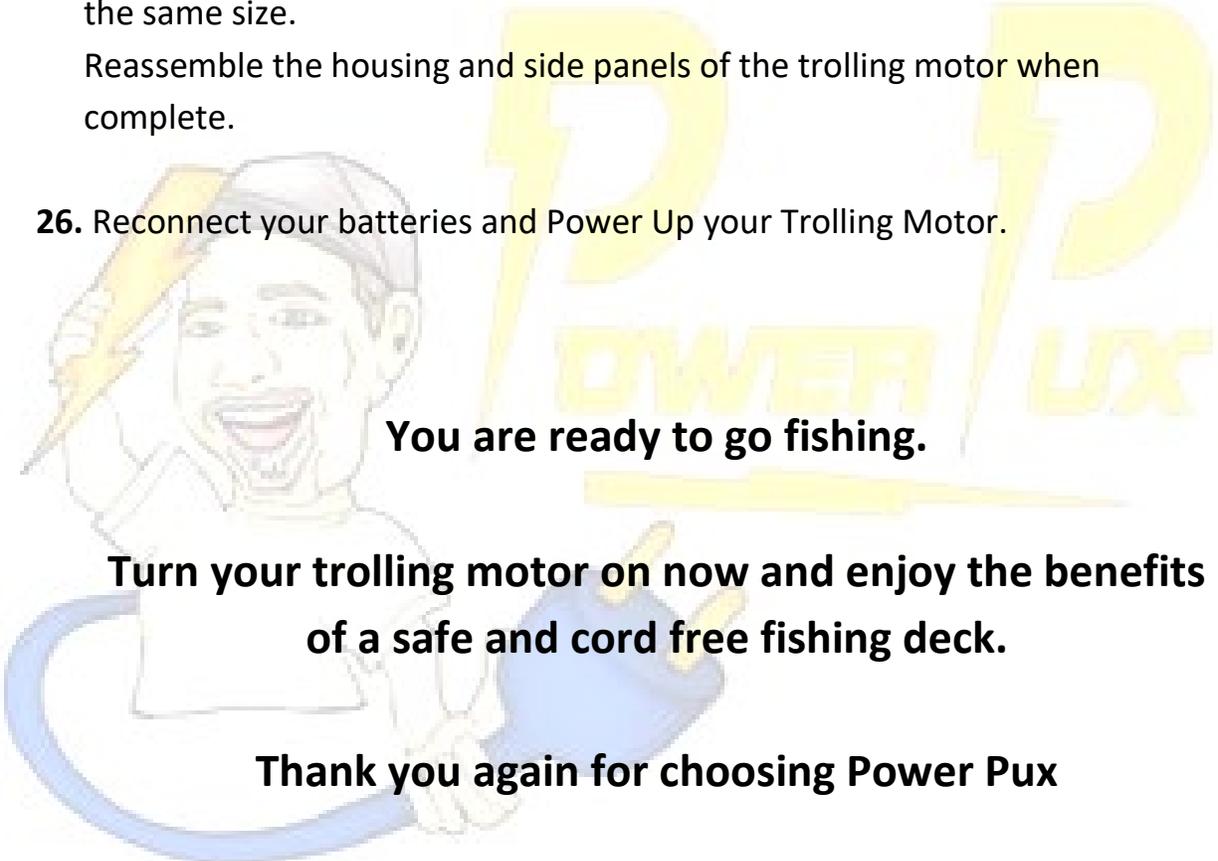
**24.** Pull all the excess wire slack back into the Trolling motor base where it will be bundled under the trolling motor housing (Cover).

NOTE: you can also run the **Foot Pedal Accessory** cord into the housing as well making a much cleaner look. **See Fig 4 page 7**

**25.** Reinstall the black plastic wire retainer using the longer  $\frac{3}{4}$ " inch  $\frac{1}{4}$ -20 screw supplied in the hardware package. Discard the original  $\frac{1}{2}$ " inch screw or save it in case you happen to lose one of the side panel screw as they are the same size.

Reassemble the housing and side panels of the trolling motor when complete.

**26.** Reconnect your batteries and Power Up your Trolling Motor.



**You are ready to go fishing.**

**Turn your trolling motor on now and enjoy the benefits of a safe and cord free fishing deck.**

**Thank you again for choosing Power Pux**

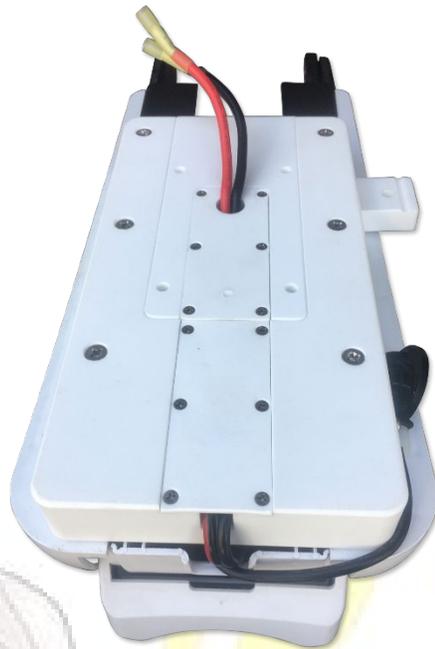


Fig 1.



Fig 2.

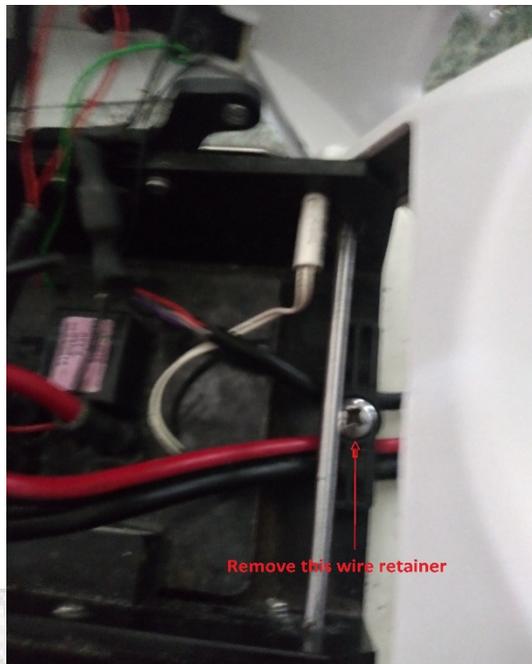


Fig 3.

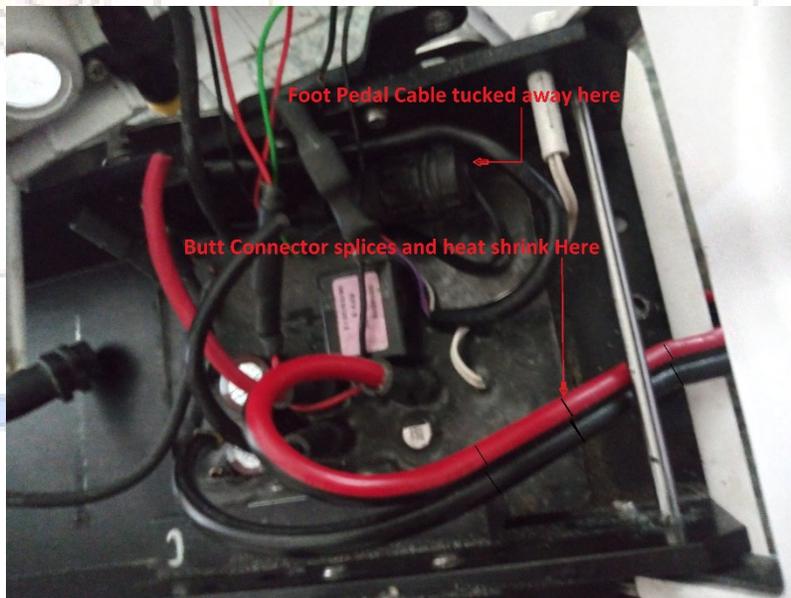


Fig 4.

