Installation Guide & User's Manual

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Contact Us

Please feel free to contact us with any questions, comments or concerns.

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Power Pux

The World's First Power Supplied Trolling Motor Quick Release Bracket

Product not compatible with Trolling Motors shafts over 87" inches long

What you may need

1. 8 Gauge insulated Wire. (Enough to reach from the batteries or battery terminal Busbar to the bow Puck)
2. Your own stainless hardware for mounting the Puck to the deck. Use four ¼"-20 Flat Head Screws, Nyloc Nuts and Large Fender Washers or Backing Plate.
3. BoatLife LifeSeal Caulking
4. Acetone
5. Clean Rags
6. Lead Pencil
7. Wire cutters
8. Wire Crimping Tool
9. Heat gun or small Butane Torch
10. 13/64" Drill Bit
11. ¾" inch Hole Saw or Spade Bit
12. 60 AMP surge protection breaker with trip switch
13. #2 & #3 Phillips Screwdrivers
14. 7/16" Socket & Wrench

NOTE: Some boat designs may require a Fish Tape or similar device to pull wires through inaccessible compartments.

POWER PUX GET CONNECTED

LIMITED THREE YEAR WARRANTY

Please log into www.pwrpux.com to activate your Warranty

POWER PUX LIMITED THREE-YEAR WARRANTY ON THE ENTIRE PRODUCT
Power Pux, Inc. extends the following limited warranty to the original retail purchaser only. Warranty coverage is not transferable.
Power Pux Limited Three-Year Warranty on the Entire Product warrants to the original retail purchaser only that the purchaser's new Power Pux accessory will be materially free from defects in materials and workmanship appearing within one (3) years after the date of purchase. Power Pux will (at its option) either repair or replace, free of charge, any parts found by Power Pux to be defective during the term of this warranty. Such repair, or replacement shall be the sole and exclusive liability of Power Pux and the sole and exclusive remedy of the purchaser for breach of this warranty.
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Power Pux

The World's First Power Supplied Trolling Motor
Quick Release Bracket

Use and Maintenance:

The electrical plug connectors come pretreated with Marine Grade Corrosion X HD Corrosion Inhibitor for corrosion resistance.

Use the included Gray Rubber Plug Cap to protect the Deck Puck Plug when the trolling motor is removed from the boat.

Please check these connections often and reapply Corrosion X HD Corrosion Inhibitor as needed for ultimate extended performance.

NOTE: Use of a 60 AMP in-line breaker is required to protect the trolling motor motherboard and to avoid electrolysis. Please turn off the inline trolling system breaker at the end of each trip.

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, 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 may 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) - ¼ x 20 Flat Head machine threaded screws, fender washers 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 7.**

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 washers and Nylock nuts

5. Using firm pressure, remove the Stainless Power Pux locking pin.

6. You can now remove the puck from the bracket. **Do not pull Wires.** **Use the Locking Pin to pull the Puck by inserting it into one of the two aft puck mounting holes. Lift pin slightly to avoid scratching the bracket.**

You are now ready to install the Puck

If Puck will be extending beyond the flat surface of the deck, you MUST use an aluminum mounting plate underneath the puck for support. See our Aluminum Pulpit Extension for reference.

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 ¾" inch wire hole with a lead pencil.

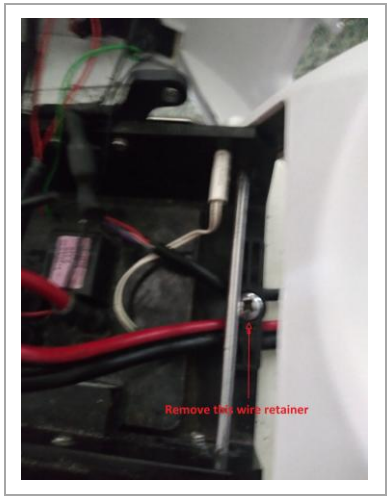
9. Drill the (4) ¼" inch mounting holes. NOTE: If you have a hard solid material laminated into your deck, Use a ¼"-20 Tap kit and use four 1/4x20 Flat Head Screws to secure the puck.

10. Drill the wire hole using a ¾" 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.

Illustrations

Figure 3



Remove Wire Retainer Screw.

Figure 4

Accessory Foot Pedal Plug Tucked inside housing with other wiring.

Illustrations

Figure 1

Wires exiting out aft end.

Figure 2

Squeeze tabs to remove housing

Note: A 60 amp surge protection breaker is required to be used in-line with the red power wire between the batteries and the trolling motor puck. You must trip/turn off the breaker at the end of each day before storing your boat and before charging your batteries to avoid prolonged electrolysis which can damage your power plugs and your trolling motor's internal motherboard.

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 tubes over the wires **before** inserting and crimping the wires (Red to Red & Black to Black) using the included wire butt splice connectors. Using a heat gun or small butane torch, center and 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. Thru-Bolt the puck to the deck using at least four ¼"-20 Flat Head Screws, Nyloc nuts and large backing washers or backing plate. **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. **Please see notes about padlock use on Page 6.**

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

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

18. Deploy the trolling motor to provide access to the trolling motor housing.

19. 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 7**

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.

20. Remove the black plastic wire retainer that secures the trolling motor wires and the accessory foot pedal cable. **See Fig 3 page 8.**

21. Measure and cut the trolling motor wires outside of the trolling motor housing so that 3" or more inches of wire 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

22. 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.

23. 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 8**

24. Flip the black plastic wire retainer upside-down with the scalloped wire grooves facing upward and reinstall it using the longer 1"inch -¼" 20 screw supplied in the hardware package.

WARNING

: DO NOT OVER TIGHTEN THE RETAINER OR DAMAGE TO THE WIRE INSULATION COULD OCCUR. RETAINER SHOULD BE LOOSE ENOUGH FOR WIRES TO MOVE FREELY WHILE PREVENTING THE HEAT SHRINK JACKETS FROM PASSING THROUGH IN THE EVENT THEY ARE TUGGED. You can discard the original ½" inch retainer screw or save it in case you happen to lose one of the side panel screws as they are the same size.
Reassemble the housing and side panels of the trolling motor when complete.

25. Reconnect your batteries and Power Up your Trolling Motor.

<u>Notes about the use of a Padlock.**</u>**

Use of a padlock is encouraged when your vessel is unattended. Padlocks are not intended to hold up to excessive salt water exposure. Insure your Locking Pin is well secured when vessel is in use.

<u>Minn Kota Ulterra Users**</u>**

The Ulterra side panel may need to be notched in order to access the hole in the locking tab. Use of a heavy duty plastic Cable Tie with a tensile strength of 75 Lbs. or higher can also be used to secure the locking pin.

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