Contact Us

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

Power Pux
3815 US 1 STE 57
Cocoa, FL 32926

Phone: (321) 208-4590
Email: info@pwrpux.com
Web: pwrpux.com

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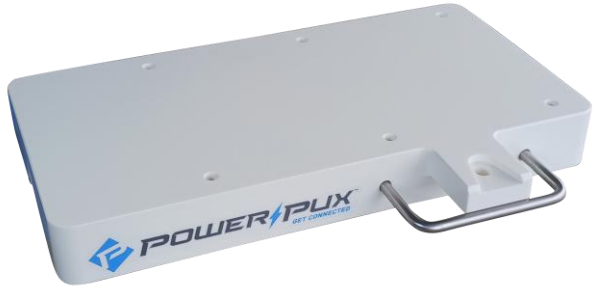
Installation Guide & User's Manual

For Power Pole MOVE PV



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

Product not compatible with Trolling Motors shafts over 72" inches Long

What you may need

1. 8 Gauge insulated Wire. (Enough to reach from the batteries to the Deck 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 or Open end Box Wrench

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

LIMITED THREE YEAR WARRANTY

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

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Power Pux, Inc. extends the following limited warranty to the original retail purchaser only. Warranty coverage is not transferable.
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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. You MUST turn off the inline trolling system breaker at the end of each trip to prevent extended electrolysis and/or damage to your Trolling Motor.

Installation Instructions

Thank you for your recent purchase of Power Pux, the "World's First" and "Only" 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, wiring accesories 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 Deck 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 (2) short and (4) Long ¼ x 20 Flat Head machine threaded screws, fender washers and Nyloc nuts.

2. Deploy the Trolling Motor to provide access to the inside of the Trolling Motor Housing.

3. Next, remove the two aft screws of the trolling motor housing and set them to the side. The Housing will now hinge up so you can access and remove the factory mounting Bolts and Bracket. **See FIG 1 & FIG 2 Page 7**

4. 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.

5. Insert the (2) “short” Flat Head Machined Screws into the rear countersunk holes and the (4) “Long” Flat Head Machined screws into the forward countersunk holes in the bottom of the bracket and secure them firmly to the trolling motor base using the(6) washers and Nyloc nuts included in your Hardware Kit.

TIP: Use tape over the Screw Heads to hold them in place when flipping the bracket.

6. Reinstall the two aft screws for the Trolling Motor housing from step 3.

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

8. You can now remove the puck from the bracket. **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.**

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

9. Measure and cut the MOVE PV power wires 15 inches from where they exit the trolling motor. Separate the black and red bonded wires by pulling them apart approximately 3-1/2” inches and then strip the wire insulator on the ends to expose 3/8” of an inch of bare wire

10. Slide the provided red and black heat shrink jackets over the wires first and then insert and crimp the wires together (Black with Red Stripe to Red & Solid Black to Black) using the wire connectors already attached to the plug wires.

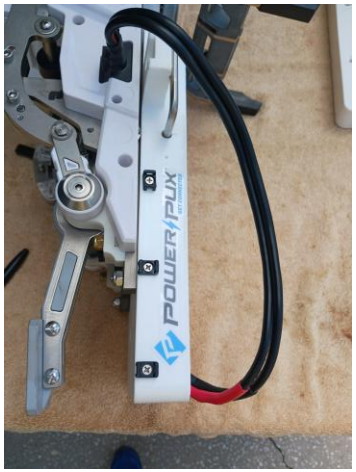
NOTE: It will be easier to do this by pulling the plug wires out of the plug channel during the crimping process. **See FIG 4 Page 7**

11. 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, apply even heat to the jackets until you can see the clear adhesive leaking out around the ends of the tubing.

12. Now insert the wires into the Black Wire Loom included in your Hardware Kit and then back into the plug channel. **See FIG 5 Page 8**

Illustrations

Figure 4



Completed Wire Connection

Figure 5

Wire Loom Installed

Illustrations

Figure 1

Remove two aft screws

Figure 2

Lift Housing to access mounting bolts.

Figure 3

Completed Wiring.

13. Cinch the end of the wire loom firmly to the rubber power wire insulator where it exits out the side of the Trolling Motor using one of the cable ties included in your Hardware Kit to hold it in place.

14. You can now install the white cover plate over the plug using the (6) small #6 screws included in your Hardware Kit deep into the countersink holes.

15. Secure the power wire to the cable tie blocks starting at the rear and working forward keeping the wires tight to the bracket. You can turn the blocks as needed to insert the cable ties included in your Hardware Kit. (The loop towards the front is intended for access to a padlock on Starboard Side applications) **See FIG 3 Page 7**

You are now ready to install the Puck

Important

The Deck Puck MUST be mounted on a solid mounting surface using all 4 pre-drilled mounting holes. If any portion of the Deck Puck overhangs the deck by more than 1" inch, you MUST use a metal mounting plate underneath the Puck to prevent flexing and/or breaking of the Plastic Starboard Materials.

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.

16. 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.

17. 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.

18. 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 machined 1/4x20 Flat Head Screws to secure the puck.

19. 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.

20. Determine the best wire chase option from your batteries and the 60 Breaker and run your 8 gauge wires thru the wire hole in your deck.
NOTE: Do not connect the batteries until Step 27.

21. 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.

22. 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.

23. Apply an ample amount of Silicone caulking around the wire hole, all (4) screw holes and around the parameter of the puck to prevent water intrusion and mold growth under the Puck.

24. 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.**

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

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

27. Now connect your batteries and then turn on the breaker to Power Up your Trolling Motor.

****Notes about the use of a Padlock.****

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.

You are now ready to go fishing.

It's time to get out there and enjoy the benefits of a safe and cord free fishing deck.

Thank you again for choosing Power Pux