



Old Town SPORTSMAN

Old Town[®] SPORTSMAN[™]

ePDL+[™] Hull Receptacle Wiring Kit

SAFETY CONSIDERATIONS



WARNING

Always have a personal flotation device and paddle with you when taking out a powered/pedal/paddle watercraft. Be especially careful when navigating in moving water, near dams, waterfalls, and/or hazardous water conditions.



WARNING

You are responsible for the safe and prudent operation of your watercraft. We have designed your Old Town product to be an accurate and reliable tool that will enhance watercraft operation and improve your ability to catch fish. This product does not relieve you from the responsibility for safe operation of your watercraft. You must avoid hazards to navigation and always maintain a permanent watch so you can respond to situations as they develop. You must always be prepared to regain manual control of your watercraft. Learn to operate your Old Town product in an area free from hazards and obstacles.

NOTICE: The images in this document may not look the same as your product but your unit will function in a similar way.

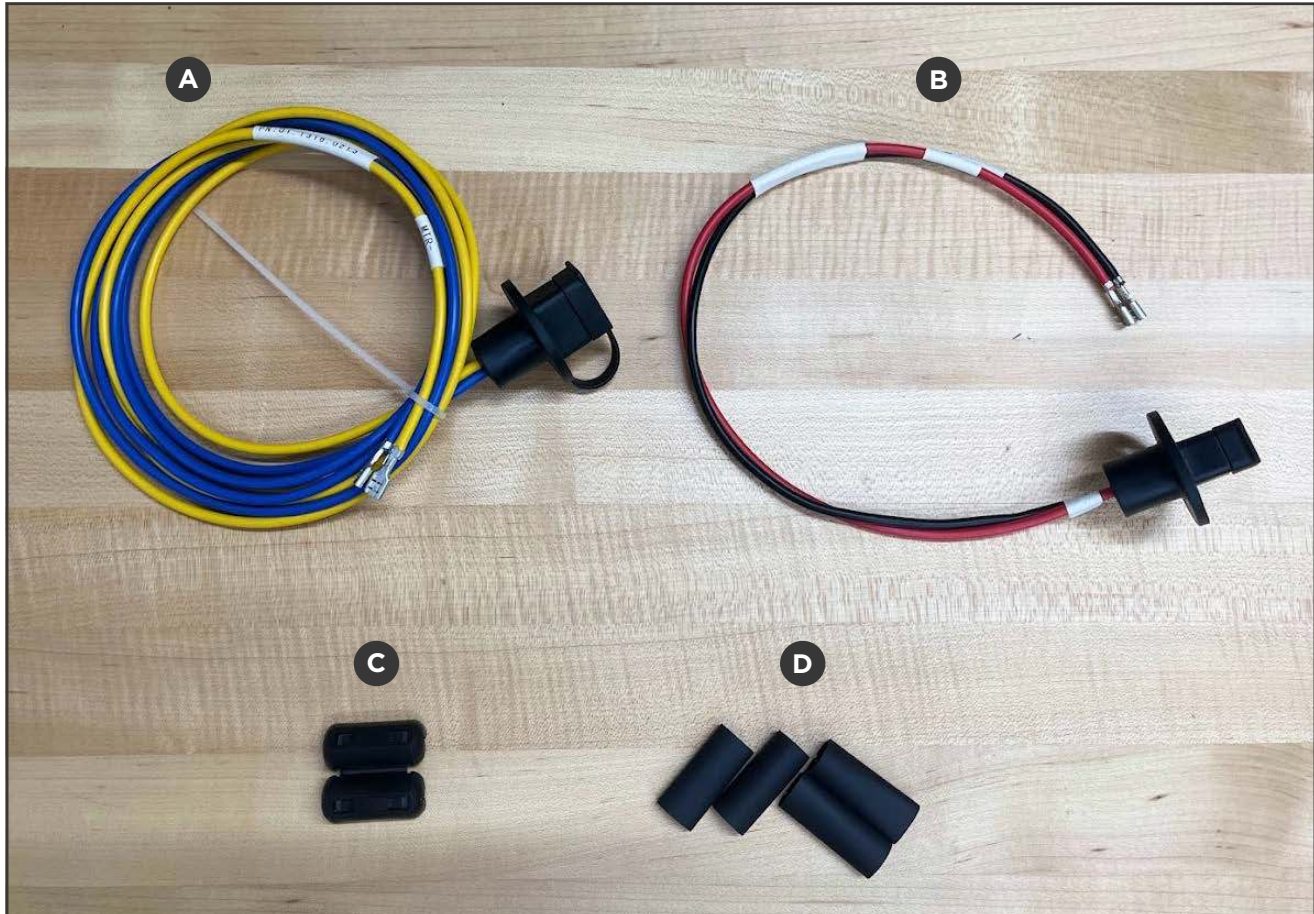
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CAUTION

Before getting started, please read all instructions thoroughly to prevent injury.

ALWAYS WEAR SAFETY GLASSES WHEN HANDLING TOOLS AND EQUIPMENT.



PARTS

A. Hull Power Receptacle (Yellow/Blue)	Part #	01.1316.0213	Qty	1
B. Battery End Receptacle Power Cable (Red/Black)	Part #	01.1316.0212	Qty	1
C. Ferrite	Part #	01.1316.0083	Qty	1
D. Heat Shrink	Part #	01.1316.0151	Qty	4

TOOLS REQUIRED

- Safety Glasses
- 3/8" Socket
- Socket Wrench
- Heat Gun or Lighter

INSTRUCTIONS

1

REMOVING OLD ePDL+™ RECEPTACLES

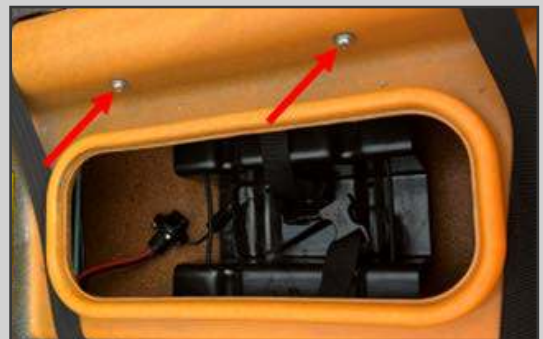
Begin by orienting your ePDL+™ watercraft on a stable, flat working surface.

Remove the rectangular Click Seal hatch and remove the battery from the watercraft.



2

Using a Philips head screwdriver, remove the two battery cradle bolts and set aside.



3

Using a 3/8" socket wrench, remove the receptacle hull mounting nut.



4

Rotate the battery cradle and expose the front of the cradle to access the safety relay board.

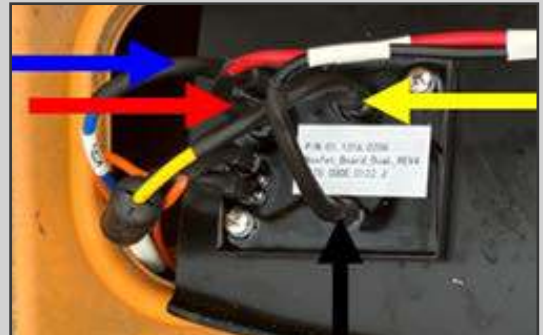


INSTRUCTIONS

5

Take note the locations of the 4 power connectors (red, black, blue, and yellow) on the safety relay board and then remove.

Each connector has a specific location on the relay board and will need to be installed in the same location. They are color coded for easy assembly.



6

Remove the old battery end receptacle and discard.



7

Locate the ePDL+™ Drive hull power socket (watercraft connection near the bow hatch) and remove the four mounting screws.



8

Pull the yellow and blue wiring towards the bow hatch. Remove and scrap the drive hull power socket receptacle from the hull.



INSTRUCTIONS

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INSTALLING NEW ePDL+™ RECEPTACLES

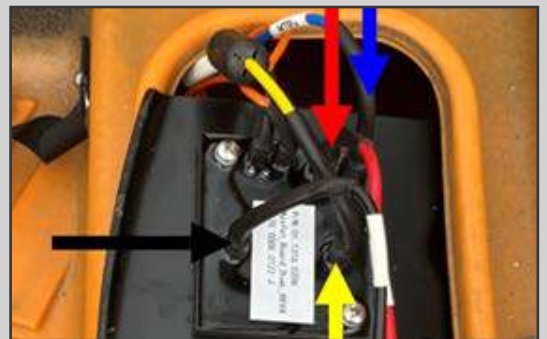
Open the bow hatch and feed the new blue and yellow wires (A) into the hull through the bow end hatch. Reinstall the four mounting screws for the ePDL+™ Drive hull power socket (watercraft connection near the bow hatch).



10

Feed the yellow and blue wires through the hull to the safety relay board.

Slide the new heat shrink (D) over each of the 4 wires (red, black, blue, and yellow). Before heat shrinking, plug each connector firmly into the safety relay board. Ensure each connector is installed in the same locations on the board.



11

Once the connectors are firmly attached, slide the heat shrink so that it covers both the wiring and the colored post on the safety relay board on all connections. Using a heat source (heat gun, lighter, etc.) shrink the heat shrink. If using a lighter, move the lighter back and forth quickly. Holding the lighter in place can damage the heat shrink.



12

OPTIONAL STEP

If the ferrite attachment is still in place and in good condition, there is no need to replace. If the ferrite attachment is lost or damaged, remove and mount the new ferrite attachment (C) over the yellow wire and close the latch. This should be installed between the white label and the safety relay board.

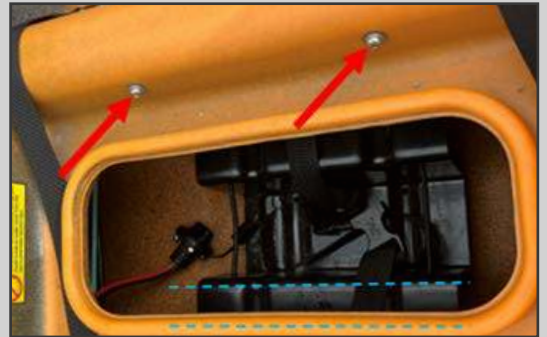


INSTRUCTIONS

13

Reinsert the battery cradle into the hull and reinstall the two battery cradle bolts. The battery cradle must be square to the watercraft for the bolts to go back into place.

Reference the dotted lines in the image so show cradle alignment with the watercraft.



14

Using a 3/8" socket wrench, reinstall the receptacle hull mounting nut and reinstall the rectangular Click Seal hatch.



15

Before reinstalling the battery, check that all battery plugs and terminals are free from debris and corrosion. Check that all battery plugs and outlets are properly greased and that all battery connections are cleaned and tightened.

Reinstall battery and rectangular Click Seal hatch.

