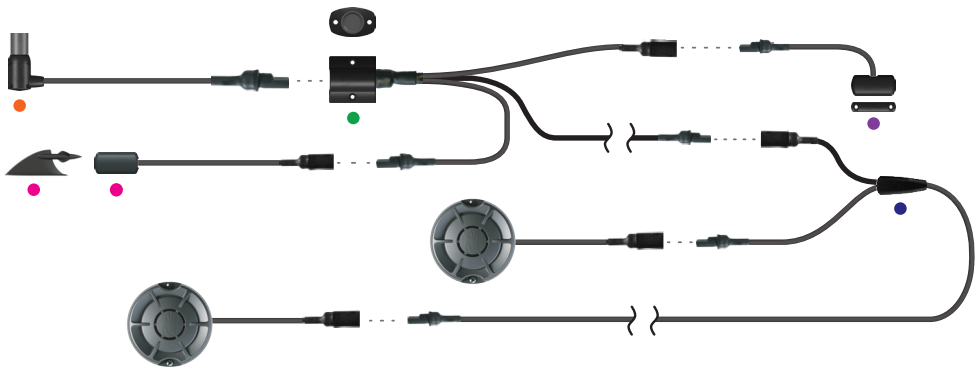


## Installing your New CoxOrb Platinum Wiring Loom

Thank you for purchasing a CoxOrb Platinum wiring loom. The following information will help you get the most from it but if you do have any queries please email us at [queries@active-tools.com](mailto:queries@active-tools.com) or contact your local distributor.



Orange Jumper Lead   Green Connection Harness   Purple Rate Lead and Magnet (Optional)   Blue Modular Harness   Pink Impeller

## How is it Different to Standard Looms?

Each loom is supplied with a Jumper Lead, Bulkhead Connector Mount and a Surface Connector Mount.



Available in two lengths.



Bulkhead Connector Mount



Surface Connector Mount

The sacrificial Jumper Lead joins the CoxOrb to the connection harness and is designed to be easily replaced when the end connector eventually fails. It can be mounted using either the Bulkhead Connector Mount or the Surface Connector Mount.

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## Selecting the Right Mount

Generally we recommend using the Bulkhead Connector Mount in stern coxed boats and the Surface Connector Mount in bow coxed boats. However this can vary depending on boat type and make so we suggest you select the mount that is best suited to your boat.

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## Installing the Bulkhead Connector Mount



1. Locate and mark where you would like to position the Bulkhead Connector Mount.
  2. Using a 19mm/3/4" hole saw, cut through the bulkhead at the marked location (making sure not to drill into any support structure).
  3. Feed the Connection Harness through the hole so that you are left with only the Bulkhead Connector Mount visible (as per image).
  4. Using the screws provided secure the Bulkhead Connector Mount in place over the hole.
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## Installing the Surface Connector Mount

When using the Surface Connector Mount you must first remove the Bulkhead Connector Mount from the Connection Harness. Use a pair of wire cutters to cut through the narrowest section of plastic and prise the mount off.



1. Locate and mark where you would like to position the Surface Connector Mount. If you are using the adhesive pads wipe that area with the alcohol swabs provided.
2. Place the end of the wiring loom into the Surface Connector Mount so the rubber connector sits flush with the end of the Surface Connector Mount.
3. Using either the adhesive pads or screws provided, secure the Surface Connector Mount so that it clamps the end of the wiring loom in position.

**Note – Do not screw into the hull itself!**

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## Mounting Cup



The Mounting Cup fits to any boat and accommodates all makes of coxing amplifiers.

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## Connector Storage Boss



The connector storage boss keeps the Jumper Lead connector sealed and out of the way whilst on the rack or in transit.

It can be mounted either inside the mounting cup, by drilling through the two lower 'dimples', or directly on the boat.

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## Installing the Impeller Sensor & Impeller

The location of the Impeller affects the readings it gives due to the changing turbulence along the boat. We recommend that the Impeller is mounted near the cox, for convenience, and that is then automatically calibrated by your CoxOrb Platinum.

1. Place the Impeller on the hull in your preferred location.
2. Look down the length of the boat to set its angle and mark its mounting location.
3. Clean the base of the Impeller with one of the alcohol swabs provided and allow to completely dry.
4. Peel the liner from the top, red text, side of the 3M Waterproof Command Strip and fit it with the tab at the rear of the Impeller. Trim off the excess material at the front end.
5. Clean the mounting location on the hull thoroughly with the alcohol swabs provided and allow to completely dry.
6. Peel the remaining liner from the 3M Waterproof Command Strip and firmly press the impeller into place.
7. Wait 12 hours before using the boat as the adhesive requires that amount of time to cure.

**Note - The Impeller can be easily removed by pulling on the exposed end of the 3M Command Strip.**

**Important - When transporting a boat with an Impeller fitted, it is important to use the Impeller clip provided to stop the Impeller spinning and wearing out. It is designed to work at 15mph in water, not 60mph in air!**

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## Installing the Impeller Sensor

The sensor must be located within 30mm/1.25 inches of the impeller. Find the best position by having someone blow on the impeller whilst you move the sensor around.

1. Clean the desired location with the alcohol swabs provided and leave to dry.
2. Peel the liner from the 3M adhesive strip on the Impeller Sensor.
3. Place the Impeller Sensor in desired location.
4. Use cable tie blocks and ties provided to secure any excess cable.



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