

Installing the Impeller Sensor & Impeller

The location of the Impeller affects the readings it gives due to the changing turbulence along the boat. If the boat is primarily used on straight courses we recommend that it is mounted near the cox, for convenience, and that it is then calibrated. If the boat is not just used on straight courses an Impeller Extension Lead should be used to position the Impeller approximately 5 metres from the bow.

1. Place the Impeller on the hull in your preferred location.
2. Look down the length of the boat to set its angle parallel to the centreline of the hull and mark its mounting location.
3. Clean the base of the Impeller with one of the alcohol swabs provided and allow it 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 it to completely dry.
6. Peel the remaining liner from the 3M Waterproof Command Strip and firmly press the Impeller into place. Please note that the temperature needs to be 12C/55F or warmer for the 3M command Strip to adhere and cure properly.
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!

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 while 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. Please note that the temperature needs to be 12C/55F or warmer for the 3M Strip to adhere and cure properly.
3. Place the Impeller Sensor in the desired location and press firmly into place.
4. Use cable tie blocks and ties provided to secure any excess cable.

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