

Material list

NK Impeller
NK Speed Coach Mount
Masking tape
12" Level

Leveling the boat

For the first part of this procedure you will need to support the boat hull down in sturdy slings. You need not be level at this point. Once you have installed all the internal components you will need to level the boat hull side up. After supporting your shell hull side up in sturdy slings, position a level across the rigger mount area. This is somewhat tricky as you will have to read the level upside down while being careful to hold it against the boat. Adjust the boat in the slings until it is level (from side to side only). See picture 1

Mount the bracket in the boat

You can attach the mount bracket via a small hole in the cross bar on the foot stretcher. Please note though that on boats other than singles it may be necessary to attach the bracket to a location you feel is more convenient. Using the two sided tape provided you must attach the blue sensor along the raised piece holding the lower notched stretcher channel. The other sensor must be attached on or under the seat deck. Attempt to place the sensor at the midpoint of your stroke. Picture two shows the black sensor wire entering under the seat deck giving you less clutter on top.

Attaching the impeller

This is a critical step for both the function of the speed coach and more importantly the directional stability of your shell. You must install the impeller straight! In picture 3. Masking tape is used to mark the impeller once you have aligned it by sighting down the boat using the fin as a center guide. You also need to have the impeller properly positioned under the blue sensor you installed earlier. Picture 4 (borrowed from the NK instruction sheet) shows the correct position. Once you have positioned the masking tape to mark the position attach the two sided tape to the bottom of the impeller and firmly press it into place.

Attaching the magnet to the seat

The circled area in picture 5 shows the magnet attached to the seat. You must attach the magnet in such a way that it maintains a 1" or less gap with the black sensor or you will not receive any stroke rate data from the speed coach. You are now ready to row with your speed coach

