

## Sail Assembly

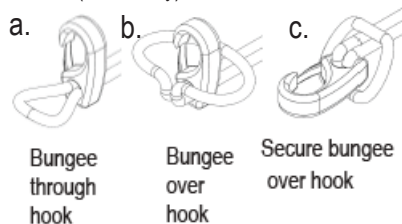
Read all instructions before drilling any holes.

①

Connect mast poles together. Slide the mast into sail. Insert batten into the narrow sleeve at the top of the sail.

TIP: A little tape around the mast connection helps hold mast together when removing from sail.

① Attach hook to bungee.  
(i-Trek only)

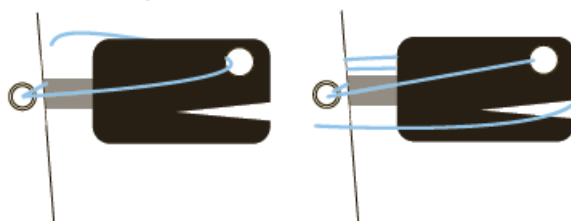


② Install Padeye on mast  
(i-Trek only)

Not to Scale

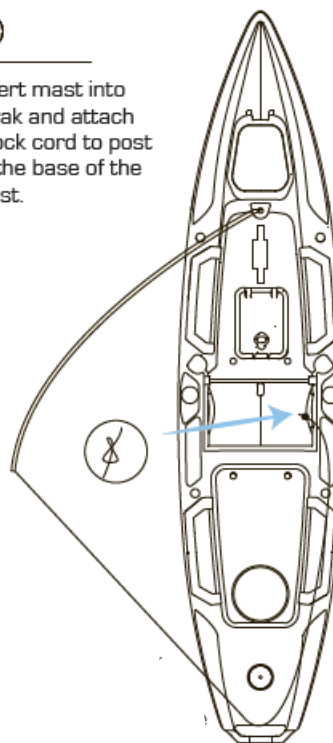
②

Tie in the batten, be sure when tying, the batten is pulled snug into the sail. Feed the line through the hole in the batten head. Next, feed the line ring on the opposite of sail and pull back into the "V" clamp.



④

Insert mast into kayak and attach shock cord to post at the base of the mast.



⑤

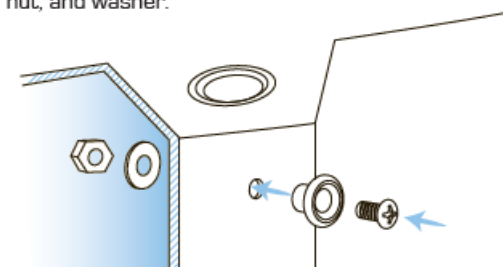
Attach the shackle to the rear padeye or webbing strap handle (i-Trek) then press the mainsheet through the shackle.



i-Trek shackle through webbing strap.

③

Drill a 3/16" hole for the eyelet post through the drill dot below the mast base and install the post, screw, nut, and washer.



## Sail Tips

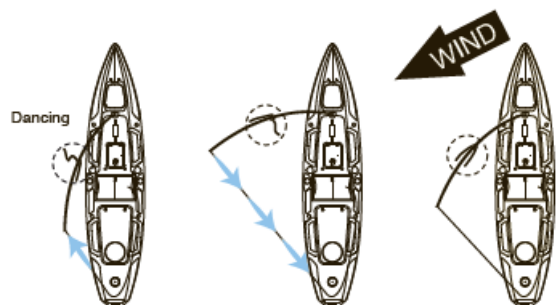
Sailing with Hobie's patented MirageDrive Mechanism adds a whole new dimension to sailing. For the best performance, continue pedaling while sailing. You will notice that with very little effort pedaling, the kayak will respond with a surprising amount of performance. If you sail without pedaling, the pedals should be together. This will align the fins in the straight down position so they will act as a daggerboard to reduce side slip.

## Optimum Wind

The sail will work even in very light wind because of the benefit of pedaling to create apparent wind. Optimum wind strength is between 4 to 10 MPH. As the wind speeds exceed optimal range, the kayak will become more difficult to control. When there is too much wind, take the sail down, roll it up, and stow it on the right side of the cockpit. The bungee hook in the cockpit can be stretched over the rolled up sail and hooked to the paddle retainer bungee on the side of the kayak.

## Trim the Sail

Pull in the "mainsheet" until the sail stops "luffing" (the sail will fill with wind and the wrinkles will disappear). This amount of trim will work, but for optimum performance you should try to get the "telltales" (the black ribbons attached to the sail) flowing back on both sides of the sail.



### Over Trim

Sheet out (let the sail out) or head up (turn into the wind or turn right).

### Under Trim

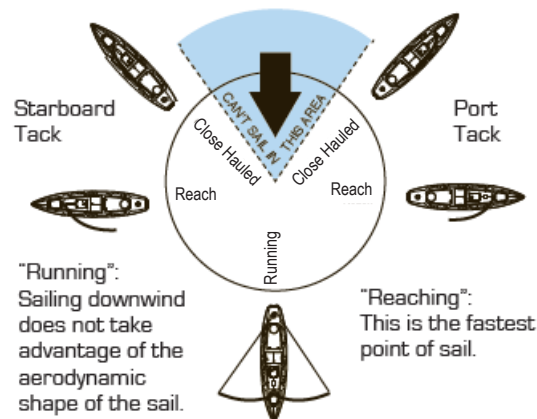
Sheet in (pull the sail in) or head down (turn away from the wind or turn left).

### Correct Trim

Sail is trimmed with both telltales flying straight back.

## Points of Sail

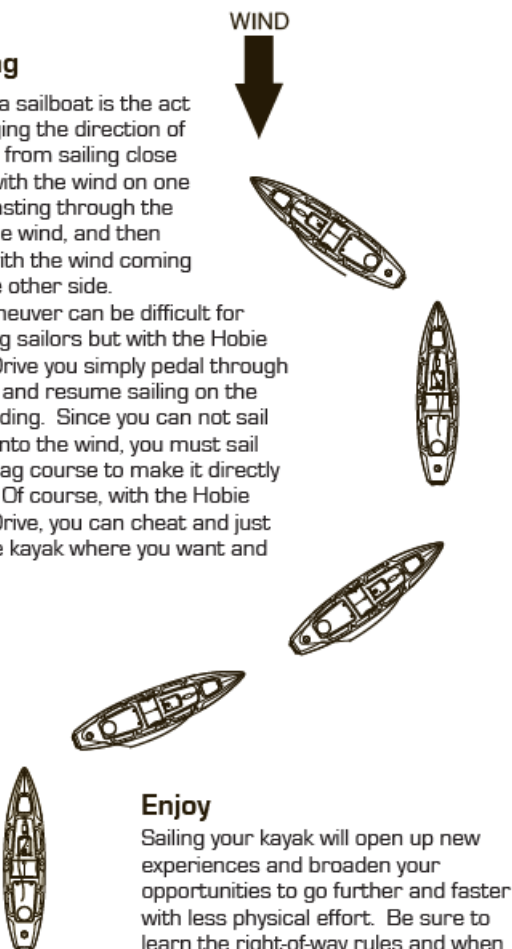
"Close hauled": The kayak will heel or lean most when sailing close hauled. Shift your weight to the side of your seat to counter the lean of the kayak. Be ready to let the sail out to reduce the amount of heel in stronger wind.



## Tacking

Tacking a sailboat is the act of changing the direction of the boat from sailing close hauled with the wind on one side, coasting through the eye of the wind, and then sailing with the wind coming from the other side.

This maneuver can be difficult for beginning sailors but with the Hobie MirageDrive you simply pedal through the tack and resume sailing on the new heading. Since you can not sail directly into the wind, you must sail in a zig zag course to make it directly upwind. Of course, with the Hobie MirageDrive, you can cheat and just point the kayak where you want and pedal!



## Enjoy

Sailing your kayak will open up new experiences and broaden your opportunities to go further and faster with less physical effort. Be sure to learn the right-of-way rules and when in doubt, give way to others. Have fun and stay safe.

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## Kayak Sail Kit Instructions

**Hobie**