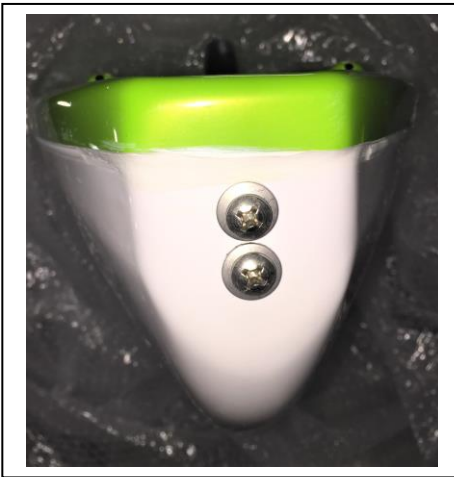


Hurricane Rudder installation instructions - SOJOURN SERIES

Parts List

- 2 - Black Rudder Tubing (cut to approximate length; already installed in RR boats)
- 2 - Rudder Cable (cut to approximate length)
- 2 - 1.5 inch self tapping pan head screws with rubber backed washers (installed in RR)
- 4 - extra bolts and nuts (for installing black adjuster plates to address deck height issues)
- 1 - Rudder Mount
- 4 - Cable crimps
- 2 - Shrink tubing
- 2 - 0.5 inch self-tapping pan head screws
- 1 - Smart Track Rudder Housing with rudder pin and deck assembly parts kit
- 1 - Rudder blade
- 1 - White Nylon spacer for rudder pin (1-inch)
- 2 - Sealect Designs Toe Pivot Control Foot Braces
- 4 - Footrail U-Brackets
- 2 - Black Adjuster Plates

Install rudder bracket on stern with 1.5 inch self tapping screws (2) with rubber backed washers. On Sojourns, the rudder bracket goes on the white portion of the boat below the deck-hull joint. Drill pilot holes into factory installed block inside stern. There should be divots in the hull plastic showing you where to drill. (In Rudder Ready boats, the bolts are already installed; just install the rudder mount using these bolts).



Install 1" nylon spacer onto rudder pivot pin. Set pin into bracket so that spacer is above the rudder bracket and secure with ring clip. Use nylon washers as needed to take up any vertical play. Make sure it pivots freely.

Install rudder blade onto pivot as per written instructions. Tighten tension knob so that the blade deploys easily.



Install black rudder cable tubing from rear bosses (i.e. "frog eyes") into footrail area.

- Drill hole in frog eyes with drill bit that assures a snug fit
- Using the same bit, drill holes in bulkhead about 1 inch below the deck-hull seam and away from the sides enough to avoid blue bulkhead seam sealant
- Run tubing from frog eyes, through bulkhead and through the triangular shaped channel on either side of the seat. Cable tubing should extend about 2 inches past the seat.
- We recommend leaving some black tubing protruding from the rear frog eyes to make running the rudder cable easier. If you prefer the trimmed look, we recommend you glue the tubing in place at the frog eyes. (Devcon Plastic Welder epoxy can be used for this. Be careful not to get glue in the cable tube.)

Assemble new footrails using U-brackets and hex nuts. Mount footrail onto black adjuster plates using longer bolts and the setting that best works for the deck height of the boat (i.e. foot brace should not hit deck when actuated). Do not attach footrails/plates to boat until rudder cable has been threaded through the footrail.

Route the rudder cable through black tubing starting at rear frog eyes, go into the cockpit area, and then thread cable through the foot brace as shown in this online video -

https://www.youtube.com/watch?v=1G8LTI_MWO4

Be aware - your kit does not include the micro adjuster. After the cable is inserted through the last hole in the footrail, use cable crimp on the end so it doesn't pull back out.

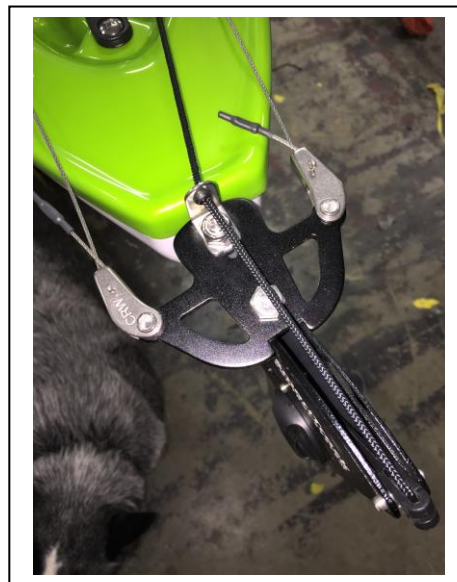


To keep footpeg upright, cut small bungee in half and attach from the front of each foot peg to the designated hole. Tie a knot at each end stretching the bungee to provide medium tension.

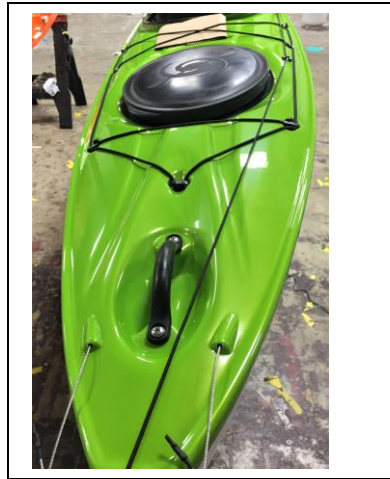
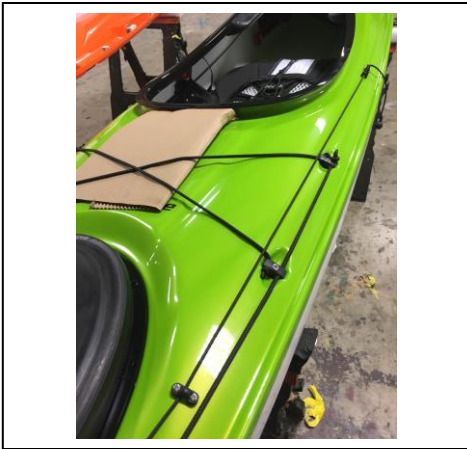
Install foottrails (with attached black adjuster plates) to the boat using shorter screws and Nylon nuts. A helper or really long arms come in handy here.



Install pivoting cable holders to rudder pivot with clevis pin and ring clip. Adjust foot braces evenly. Pull the cables rearward to eliminate slack. Run cable through cable holder and back forming a loop. Install wedge while maintaining light tension on cable. Check operation of rudder by pushing on foot braces to make sure it works evenly. Adjust cable at wedges if necessary. Install cotter pin and fold over. Cut off excess cable. Slide shrink tubing on end of cable and heat to shrink it.



Install rudder deployment string through rudder and pivot as per illustration (can be installed on whichever side the paddler prefers). Install cleat (teeth facing forward) near rear of cockpit about 1.5 inches in from edge of deck. Avoid the bulkhead on sit-insides. Install guide loops evenly spaced between rudder and cleat. These should be just outside the deck lines. Run string through guide loops and cleat. Run string through ball and rubber grommet, and then tie off string while the rudder is in the deployed position. The ball should end up just forward of the cleat. Cut off excess string.



Throw boat in water and paddle.

Notes: Note: You can glue the cable tubing to the inside of the boat with a little thickened epoxy so it won't flop around or tape to the interior sides using HVAC or thermoform tape.



