



Installation Guide: *Rudder Kit*

Tools Needed:

Electric Drill
Lighter/Torch
Crimper
Phillips Head Screwdriver
Parts List

STEP 1: INSTALL CABLE GUIDES

- A.) Drill a 5/32" hole on each cable inlet on the stern of the kayak.
- B.) Drill 5/32" holes at the base of the foot controls.
- C.) Using a lighter or torch, heat the end of one of the white nylon tubes until the end mushrooms over.
- D.) Let cool and thread the non-burned end through one of the holes at the end.
- E.) Push the tubing all the way in until the mushroom end stops it.
- F.) Reach inside the kayak and thread the other end of the tube through the hole at the base of the foot control (to the corresponding side, port to port, starboard to starboard).
- G.) Pull the tubing through the hole until it stretches a good 2-3". Pinch the tubing with one hand at the base of the hole so that it doesn't slip back through. With the other hand, cut the tubing about 1" from the hole and burn the end with a lighter or torch. Let the tubing snap into place and repeat on the other side.

STEP 2: INSTALL FOOT CONTROLS

- A.) Unscrew existing foot pegs and replace with the rudder foot controls.

STEP 3: INSTALL RUDDER

- A.) Screw the U Shaped Rudder Bracket into the stern of the kayak.
- B.) Place the rudder into the bracket by inserting the post into the two holes in the bracket.
- C.) Insert the Split Ring on the bottom of the rudder post.

STEP 4: INSTALL THE CONTROL CABLES

- A.) Attach the circular fittings on the end of the metal wire control cables to the "wings" of the rudder by using the clevis pins and split rings. (nylon rope can also be used in place of the metal cable for better corrosion resistance).
- B.) Insert the wire into the cable guides and push them through until they come out the other side, at the base of the foot controls.
- C.) Pull the port control cable until the rudder turns completely to port. Keep the rudder in this position and crimp the starboard control cable to the metal circle on the foot control (using the copper ferrules) about 1-2" in front of where it comes out of the hole. Turn the rudder to starboard and repeat for the port side.

D.) Straighten the rudder and ensure proper functionality. Foot control adjustment is done via the nylon straps.

STEP 5: INSTALL THE RUDDER ROPE

A.) Install the round pad eyes on top of the rudder rope, routing it alongside the kayak to within easy reach while seated. Make sure the knot doesn't interfere with any pad eyes at the end of the rope. This is used to raise and lower the rudder.

STEP 6: INSTALL THE V-BLOCK

A.) Determine an "up" position of the rudder that keeps it from interfering with the rear handle or other accessories and mount the V-Block to keep the rudder secure when not in use.

Optional: Use the cable clamps and guide loops to fine tune the path of the control cables and foot control straps. This may or may not be necessary. Try to minimize rubbing on anything of the control cables.

Your installation is now complete. Thank you for shopping with us at HookedOnKayaks.com. If you have any other questions or comments, please give us a call at (562) 592-0800 or email us at info@hookedonkayaks.com.