

Assembly Instructions for SVXK - Rudder Kit

Congratulations on your purchase of the SVXK – Rudder Kit. We take pride in bringing you a quality product. The Rudder Kit will substantially improve the handling, tracking and speed of your kayak.

Although this Rudder is specifically designed for the SVX200 and SVX500 Kayaks, it can easily be adapted to the Eskimo Kayaks, ST5100 and ST5200 and also to the SVX100 River XK1 kayak should the need ever arise. In fact, the design of the rudder would fit and can be adapted to any inflatable kayak and even to some rigid ones, please contact our customer service department for assistance.



CAUTION



- Do not use the Rudder Kit in any type of white water or fast moving rivers.
- Make safety a high priority when using the Ruder Kit or other equipment in your craft.
- Always wear a U. S. Coast Guard approved personal flotation device. Wear it for safety.
- In most areas, there are local laws and regulations regarding the use and equipment of small crafts, a phone call to the local authorities will provide you the necessary information.
- Learn about your Kayaking area. Ask locals about tides and currents.
- Be careful that you do not over estimate your strength, your endurance or your skill.
- Be careful, never under estimate the forces of nature.

Rudder Kit Components

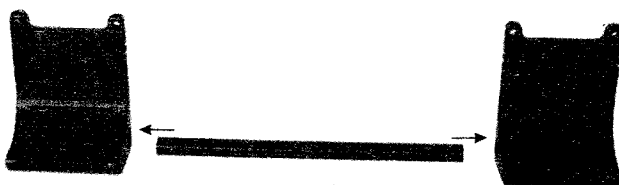
- Foot Pedal Assembly (2 Foot Pedals, 1 ABS Pipe).
- 2 Nylon Ropes for Steering
- Mesh Carrying Bag
- Rudder - Lift / Release Rope with carbine hook and barrel clip
- Rudder Mounting Unit
- Rudder - Blade Assembly
- Instruction Manual

Assembly Instructions

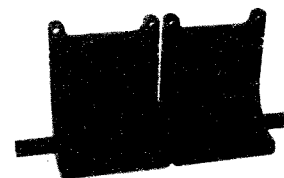
In order to properly install the Rudder Kit, please follow instructions below step by step.

Assembly of Foot Control Pedals

Slide the ABS pipe through the Foot Control Pedals as shown on pictures 1 and 2.



Picture 1



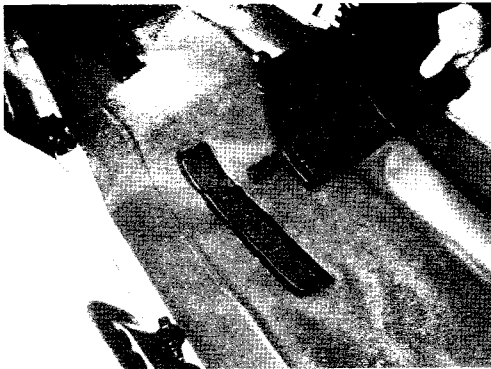
Picture 2

Your SVX Kayak has been provided with Foot Rest Mounting Pads, which feature multi position loops, these are the Black colored webbing straps welded to the floor on you kayak.

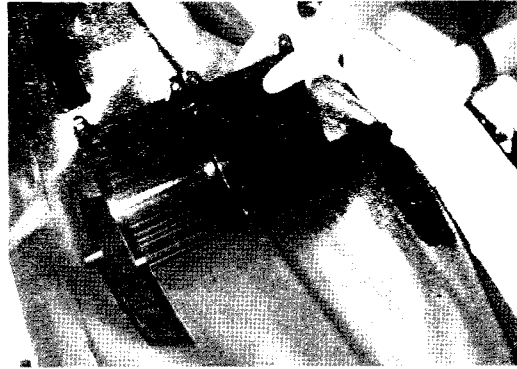
Choose the position for the foot pedals that is most comfortable for you and install them as shown in pictures 3 and 4.

Helpful Hints!

To determine the correct position for the foot control pedals, make sure your legs are not fully extended but, bend to some degree (125j angle). During this step, you kayak should be deflated, once the foot pedals are in place, inflate your kayak before proceeding to the next step.



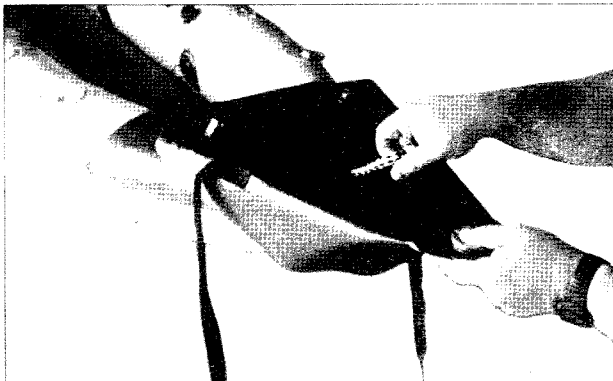
Picture 3



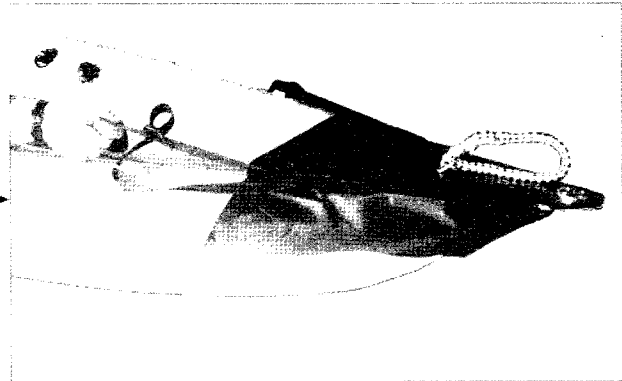
Picture 4

Installation of the Rudder Mounting Unit

With the kayak fully inflated, install the rudder mounting unit onto the stern (Rear end, where the valves are) of the kayak by sliding it over the tip-end of the kayak. Make sure to feed the rope handle of the kayak through the slit / opening on the mounting unit. Secure it to the kayak using the D rings on the kayak and the belt straps with buckles provided. Pictures 5 and 6.



Picture 5

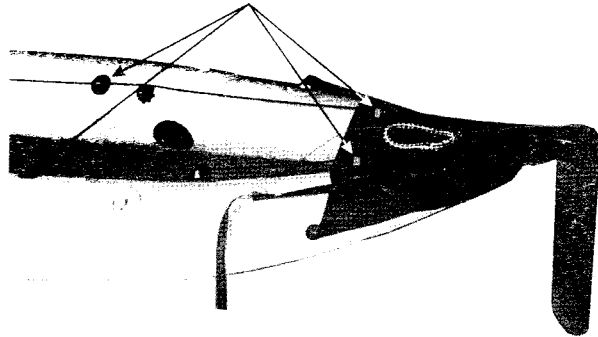


Picture 6

Rudder Unit Assembly Instructions

Once the mounting unit is installed, attach the Rudder by sliding the Stainless Steel Pin into the Stainless Steel Receiver located on the tip of the mounting unit. You'll note that you must match up the flat side of the pin with the corresponding flat opening of the receiver, turning the rudder in the proper direction, will lock and it'll prevent the rudder from coming dis-engage. Feed the black steering rope through the black PVC eyelets on the mounting unit and on your kayak. (Picture 7).

Rope Eyelets



Picture 7

Important Note:

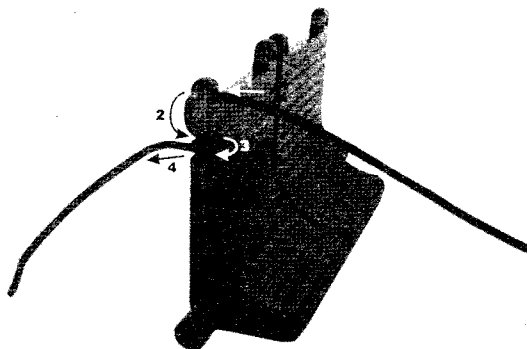
Keep steering ropes away from gear and from your legs, run ropes in a straight line and avoid changing directions more than necessary as it'll be difficult to operate the rudder.

Securing the Steering Rope to the Foot Control Pedals

Feed the steering rope through the foot control pedals and secure them as indicated in the picture below (Picture 8).

Helpful Hints !

When attaching the steering rope to the control pedals, make sure the rudder is straight and the rope is under tension. Pushing on a pedal, the rudder will turn in the desired direction. with normal use the ropes may flattened out and slip out of the control pedals, a simple knot or feeding the rope under position 2 will eliminate this problem, cut the excess steering rope only if you expect the rudder kit to be used in a kayak in the same position. After cutting the ends, melt them to prevent rope from fraying.



Picture 8

Operating and Securing the Multi-Color Rudder Release Rope

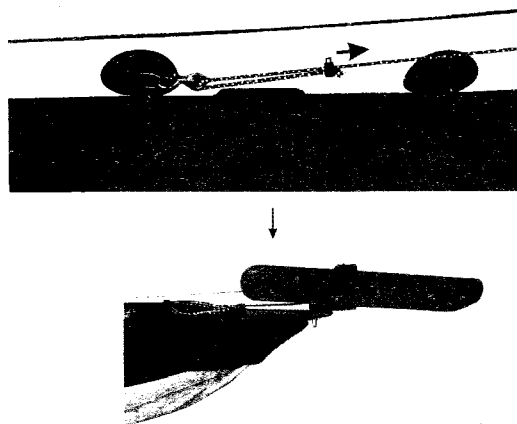
The multi-color rope starts from the upper end of the rudder and depending on your preference, continues on to the left or the right hand side of the boat. Pick any D ring or fitting in front of you, a D ring or fitting which you can reach comfortably and clip the carbine hook to it.

Pushing on the button you slide the barrel clip backwards, which automatically will raise the rudder and put the bungee cord under tension. Cut off excess rope and burn the end to prevent it from fraying.

To release and lower the rudder, transfer the carbine hook to any other D ring or bucket seat fitting close to you as shown on the picture below. This position is not critical, it only assures that the multi-color rope does not fall overboard when the rudder is lowered and in operating position.

Helpful Hints !

The rudder must be raised every time you approach shore, every time you paddle backwards, or when the wind or the current takes you sideways against the rocks or when approaching shallow water. You must avoid bending the rudder or it will not function properly.

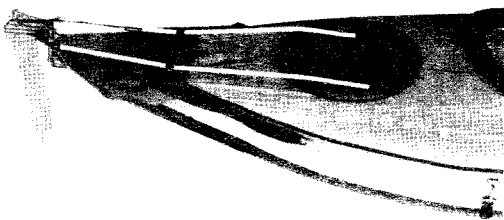


Installing the Rudder Kit on the Eskimo Kayaks, ST5100 and ST5200

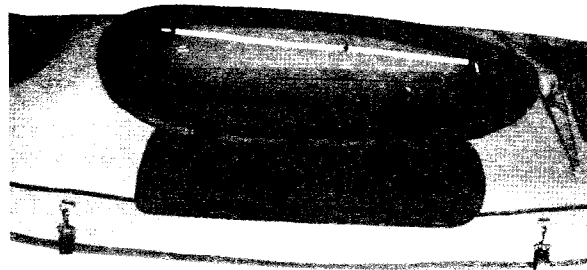
Follow same steps as previously advised. The only exception is that you must feed the steering cables through the cargo hatch and through the 2 Stainless Steel D rings on the side air chambers as shown on bellow pictures. It works with the hatch cover opened or closed.

Helpful Hints !

Rudder is easier to operate if steering lines change direction as little as possible.



Hatch Cover Open



Assembly and installation of the Rudder Kit is now finished, We wish you happy kayaking. Please visit our website at www.sevylor.com, drop us a note or even send us photos of you visiting unusual places or a photo of you catching the "Big One".

Thank you for choosing Sevylor products.