

# **POINT 65°N** *Kayaks SWEDEN*



## **Complete Rudder installation guide**

# How to install the Rudder kit

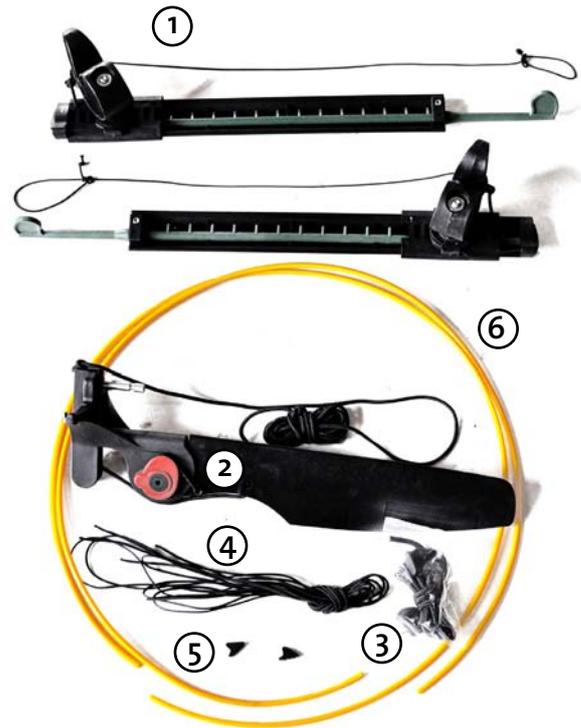
The Point65 Rudder has been designed to fit all the Point65 models except the DoubleShot. The Nemo DT has no rudder sleeve installed and can not be outfitted with Rudder afterwards.

The Whisky 16 and 18 who have been sold as skeg only models will not have a rudder sleeve installed, but it can in most cases be installed with some difficulty.

## The Rudder installation kit

The installation kit includes these parts:

1. Rudder pedals
2. Rudder
3. Rudder pull up package includes:
  - Ø 5,5mm line (1,5m)
  - Cord Locker
  - Deckfitting No 3
  - 5mm Screw for deckfitting
4. 2mm Rudderline with kevlar core 2x5m
5. Mini Line Lockers
6. Rudder line tubes Ø 6mm



1. Start by drilling a Ø 6mm hole in the center of the recesses for the rudder line in the back of the kayak deck. On most composite models, the rudder line tubes are installed at the factory from the start.



2. Push in the Rudder line tube on each side of the kayak into the holes until approx 15cm remain outside.



3. Heat the end of the rudder line tube with a butane lighter or similar, but without burning the plastic.

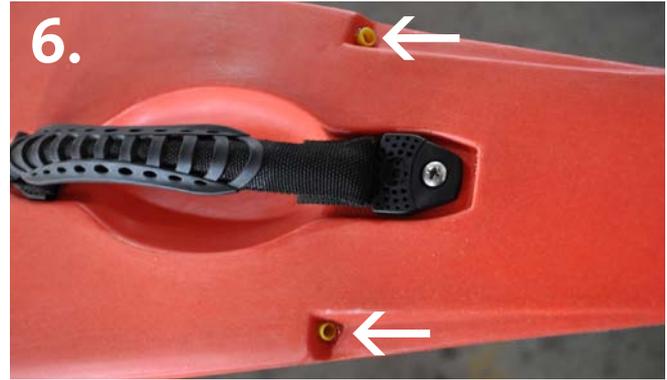


4. When the material has softened by the heating use a large philips screw driver or similar and push into the end of the tube to expand the edge.



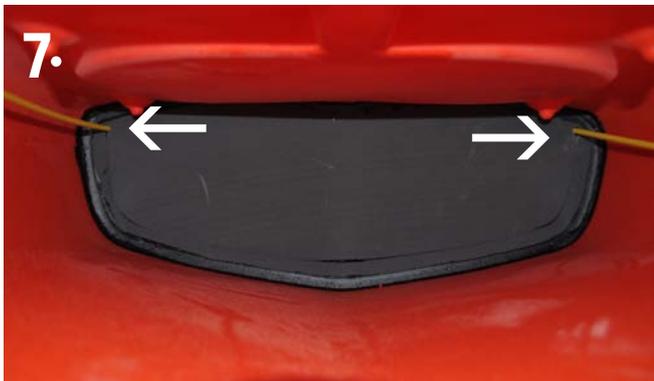
5.

Put some very strong glue for plastic on the outermost part of the tube and wait until glue is not runny anymore, but still not dry



6.

Pull in the rudder line tubes until they are stopped by the cone shaped ends at the edge of the holes and let dry before continuing.



7.

Inside the kayak, Use a thin shaft 2-3mm or screwdriver to punch holes through the top corners of the bulkhead. Push the rudder line tubes through the puncture and pull tight to avoid any slack in the tube.



8.

Push the Rudder line through the tube until it appears at the other end inside the cockpit. Sometimes this can be difficult as the line might bunch up inside the tube, if this happens, you can use a thin steel wire first on which you attach the rudderline to pull it with.



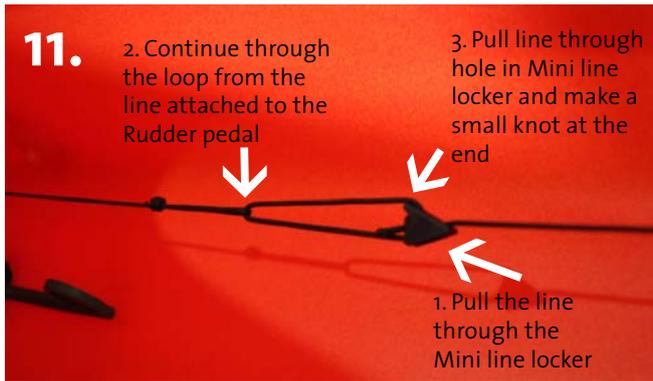
9.

Make a Bowline knot at the end of the rudder lines (see image). The loop should be approx 3cm at the end. Heat the ends of the lines with a butane lighter to seal the line ends.



10.

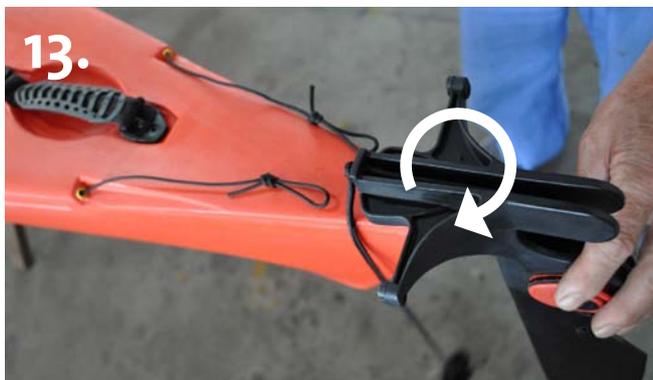
The foot rests are easily replaced with the rudder pedals by unscrewing the 6mm screws from the outside. It will be easier to put in the pedals if you get some help in holding the pedal on the inside while. The pedals are clearly marked with "L" for Left and "R" for Right.



Inside the cockpit, pull the other end of the rudder line through the mini line locker as on image above and make a loop around the line from the rudder pedals.



Install the rudder into the Rudder sleeve at the back of the kayak. Make sure the Rudder is turned as much toward the front as possible and turn it.



In this position you should not be able to lift the rudder out of the rudder sleeve. If you can you should turn it back into position on image 11 and push down even further.



Pull the end of the Rudder line loop through the hole in the rudder "wing". After pulling it through, bend it back over the "wing" and place the end of the loop into the groove above the hole through which it was pulled at



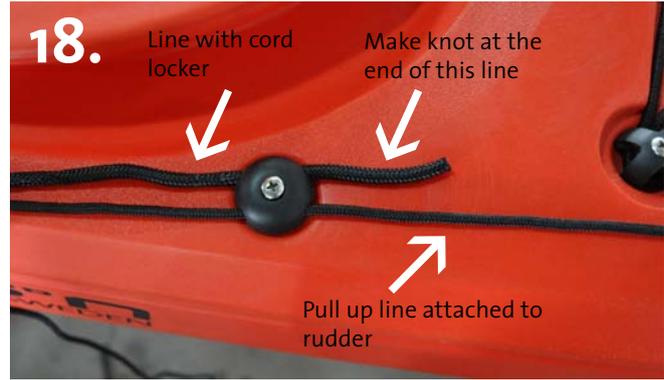
Pull the line tight so to fasten the loop in the groove. With this quick release knot, you can easily dismantle the rudder when transporting the kayak on land.



Tighten the rudderlines when sitting in the cockpit by adjusting the mini-line lockers. To tighten, pull the miniliner towards the back. To loosen the lines do as on image above.



Finally, install the pull up line for the rudder, by first fastening the deck fitting included in the pull up package with the included screw into the insert on the deck



Pull the pull up line attached to the rudder through the holes closest to the edge of the kayak. Then put the line with the cord locker through the holes closest to the cockpit. Make a knot at the end.



Put the other end of the line with the cord locker into the deck fitting in front of the cockpit. Pull tight and make knot



Put the pull up line attached to the rudder through the lower hole in the cordlocker and make a knot to lock it in place. When you have put the cordlocker at a comfortable place where you easily can pull up the rudder by pushing the cord locker forward, you can cut the excess lines and seal the ends with a butane lighter or similar.