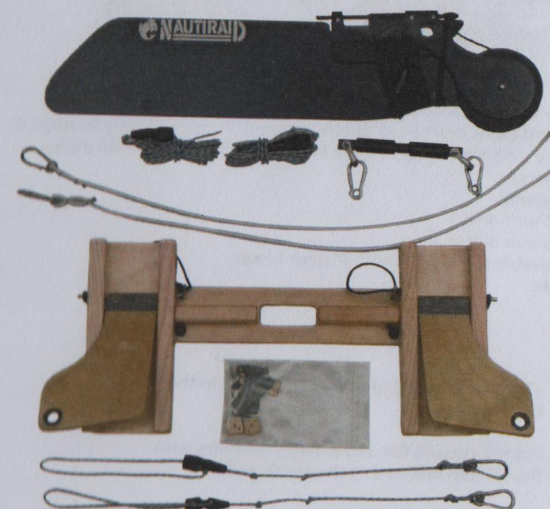




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RUDDER KIT GRAND NARAK 550

Instruction book

1



• Before any installation, check that the wedges are in place on the keel (old boats don't have the wedges on). If so, go directly to stage 6. If there isn't any wedges on the keel, you will have to install them.

You need :

- a hammer
- a 2,5 mm drill,
- a 6,5 mm drill,
- an electric screwdriver with Phillips heads,
- a rule.

2

• Take crossrib n°2 (don't drill the piece in the boat but outside it).

Put n°2 crossrib flat and enlarge the holes with the 6,5 mm drill so that the elastic will fit.



3



• Unscrew the 4 screws on the second wood plate of the rear floorboard (blue marks).

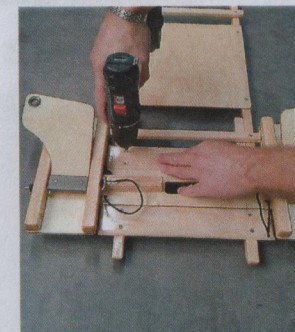


• Put the pedal plate against the first wood plate

• Put the second wood plate you just unscrewed against the pedal plate (red arrow).

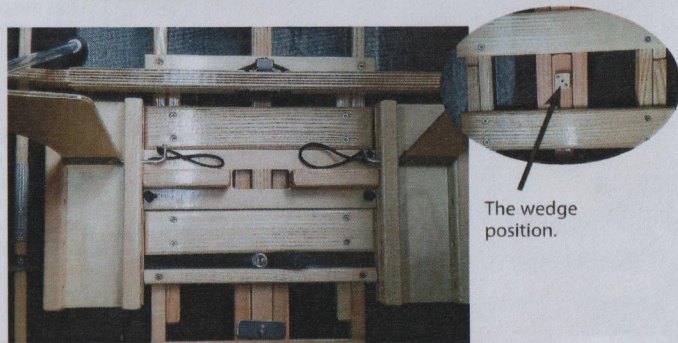


• Drill at 2.5 mm on 2 cm.



• Screw the wood plate (the 4 screws are in the kit).

4 FOOTPLATE POSITION - TANDEM SET UP



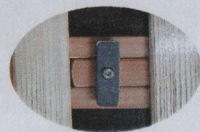
The wedge position.

5 Putting the wedge -

Put the footplate between the two wood plates jaft the n°4 crossrib. then, put in place the wedge, hammering the two brass nails.

- Drill at 2.5 mm on 2 cm.

- Put the brass washer between the wedge and the stainless steel locker, then screw it.



6 FOOTPLACE POSITION - SOLO SET UP

Put the footplate aft the n°3 crossrib (red marks) and put in place the wedge.

Proceed like stage 5.



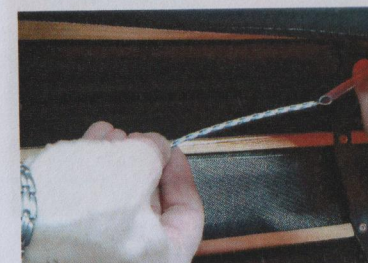
RUDDER KIT INSTALLATION

7



- Get the rudder line exit tube tops off.

8



- Get the two long lines inside the tubes.

9



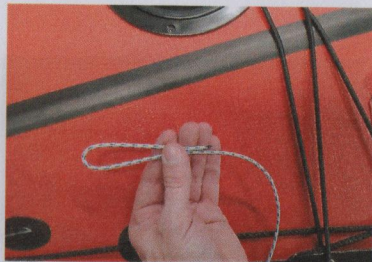
• Set again the tube top.

10

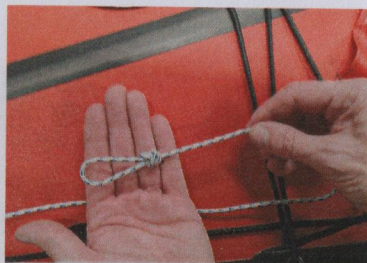


• With a rule, measure 22 cm from the cord top.

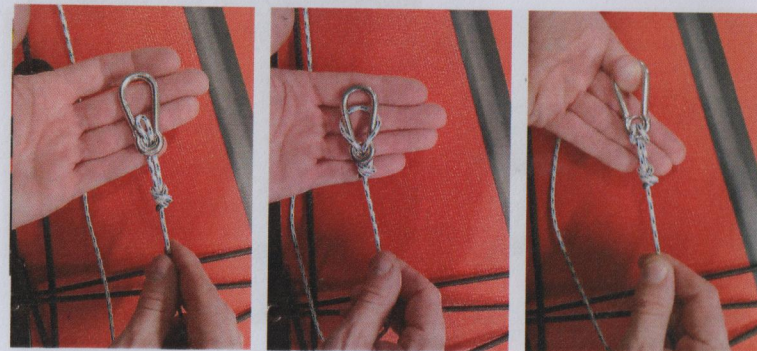
11



• Make a loop and a knot.



12



• Insert the loop into the shackle.

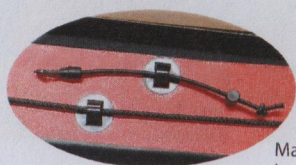
13

• Put in place the rudder by pulling the pin. When in position with the bracket, put the pin again.



14

• The rudder leverage black cord has to be stretched along the starboard side. Connect it to the plastic hook with elastic (inset). The elastic will keep the cord in tension.



Make a knot after the plastic knob so that it can't get lost.

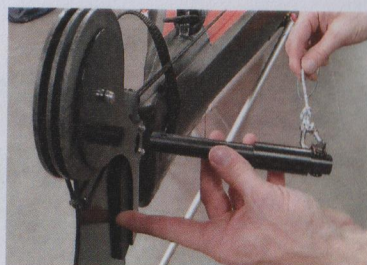


15



• The rudder bar has a moveable ring. Get it out by unscrewing the shackle.

16



• Get the bar into the rudder hole on starboard.

17



• Get the ring back in place on port.

18



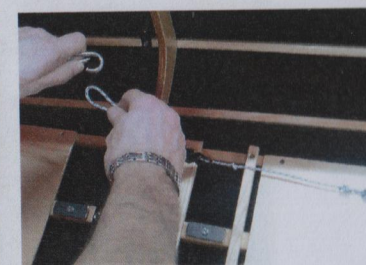
• Get the shackle in place and connect the rudder line with its hook.

19



• Get the two white elastics in the holes of n°2 crossrib and make a knot like on the picture.

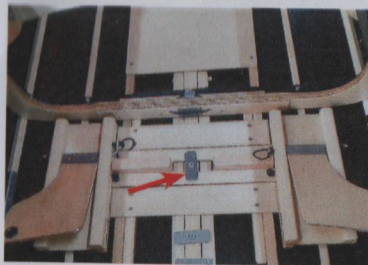
20



• Connect the rudder line to the elastic.

RUDDER - TANDEM SET UP

21



- The foot pedals will be operated by the rear paddler. Put the footplate before the n°4 crossrib. It is secured to the keel by a stainless steel rotating locker (arrow).

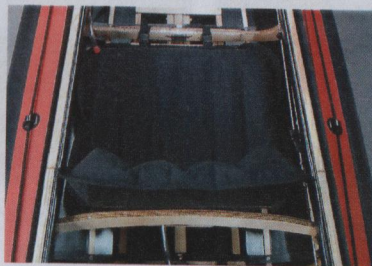
22



- Connect the rudder lines to the elastics, through the pedals holes. Adjust the tension with both pedals vertical.

RUDDER - SOLO SET UP

23



- Put the backrest bar (unscrewing the butterfly nuts) on the n°5 crossrib (blue marks) to put the seat in solo position in the middle of the boat.

24



- Put the footplate aft the n°3 crossrib (red marks) for solo trim.



- Your Grand Narak is ready to hit the water !