

Assembly instructions *nortik scubi 2*
Recreational kayak



QR-Code assembly video:



Assembly instructions *nortik scubi 2*

Dear Customer,

You have purchased a ***nortik scubi 2***, an innovative hybrid kayak for recreational use. With great performance, little packing size and weight for a boat of this size, it is extremely versatile in use.

The assembling instructions are very detailed and almost every step is illustrated. You will notice that it will help you at one point or another. After a few times and with a little practice you won't need the manual anymore.

The experience shows that the first assembly needs more time than you will need later and we ask you to assemble the boat step by step according to this instruction. After some practice, you will assemble the ***nortik scubi 2*** easily within 10 minutes!

Please note that there is an assembly video on youtube:

https://www.youtube.com/faltboot_de

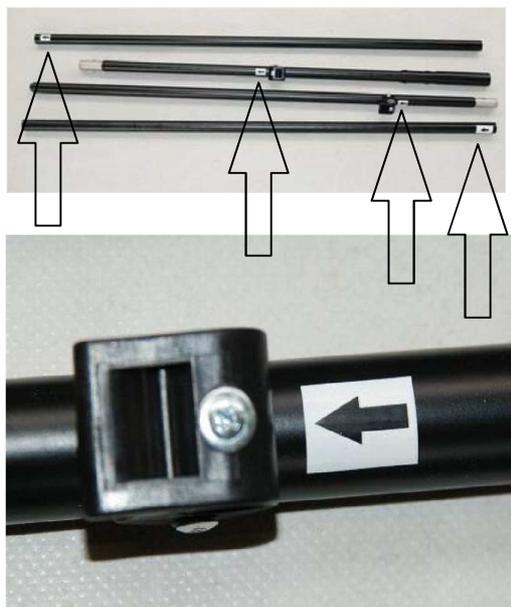
For further information please contact your dealer.
Otherwise, you may also like to contact us - as the manufacturer:
+49 (0) 731-4007675 E-mail: kontakt@nortik.com

1) Parts overview



- #1 **1x Hull**
- #2 **2x Stem element** (bow and stern = identical)
- #3 **4x Keel rod**
- #4 **2x Cross ribs for front seat** 1x open (lower than for rear seat) 1 x closed (wider than for rear seat)
- #5 **2x Cross ribs for back seat** 1x open, 1 x closed
- #6 **Packing bag** (no pic)
- #7 **Repair kit** (no pic)
- #8 **Double action pump** (no pic)

2) Marking



All keel rods have little marks with arrows. Sort the rods in a way that all arrows point in the same direction.

The arrow always points in direction of the bow.

The two keel rods in the middle positions have installed „counter clips“ for the installation of the cross ribs

3) Assembly

General proceeding: First you assemble the keel rods and the stem and insert them into the hull. Then mount the cross ribs and at last inflate the sponsons.



First unfold the hull and take one of the stem elements (they are identical).

Take the keel rod shown on the picture (*with the arrow marking positioned in the front*).

Make sure the arrow points towards the bow.



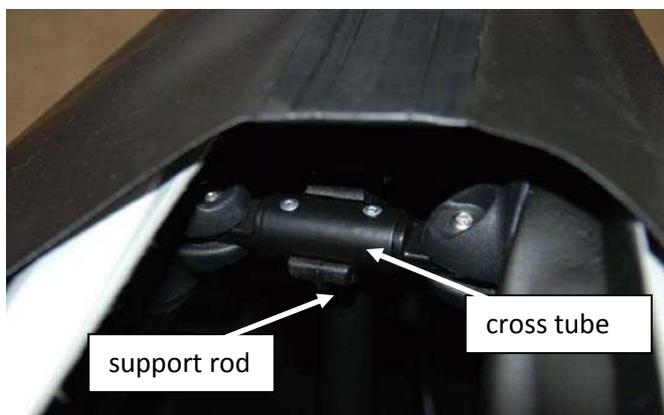
Slide the keel rod under the front seat and push it through the sleeve on the hull before clipping it to the stem element.



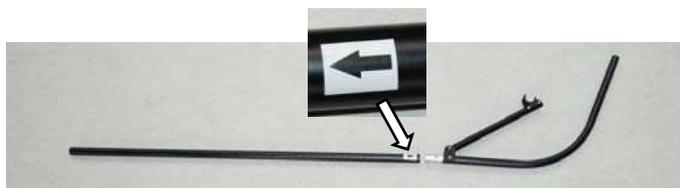
Push both as far as possible into the stern.



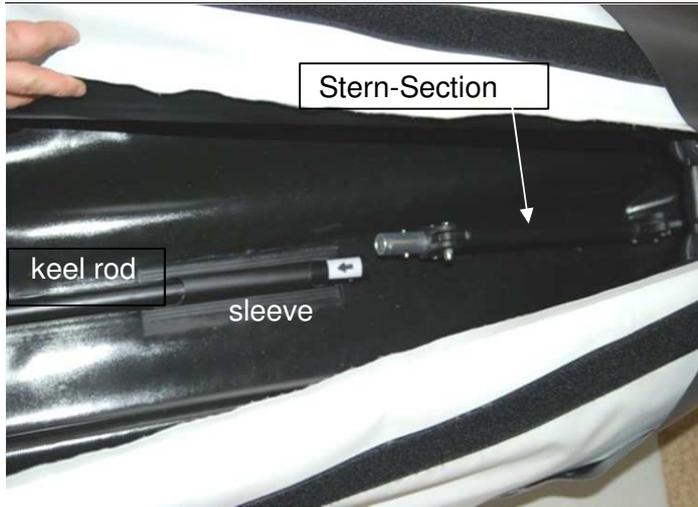
Make sure everything sits centrally.



Fold the support rod upwards and clip it into the cross tube.



Then take the stern element and the keel rod shown on the picture (*with the arrow marking positioned in the rear*).
Make sure the arrow points towards the bow.



Proceed in the same way as with the bow.

Slide the keel rod under the back seat and push it through the sleeve on the hull before clipping it to the stem element.



Push the stem element as far as possible into the stern



Then fold the flexible rod upwards and clip it from below into the cross-tube installed in the hull again



Take the last two keel rods. Make sure that the arrows on the rods point towards the bow.



Place the keel rods under the seats and slide them through the sleeves on the hull before clipping them to the rods you have already installed to the bow-/stern-section.





First make sure, that bow- and stern element still are in a central position.

Then take out the split pin.
Pull up the two middle keel rods.



IMPORTANT:

Do not grab the rods too close to the ends, but at least a length of the riveted half-tube away from it! (see picture on the left)

Pull them both up, until you can fit the lower (with hemispherical end) in the upper (with the riveted half-tube) rod.

Make sure that bow and stern do not twist sidewise, but stand as much as possible upright.



Slowly push both rods downwards into the hull. This is how the longitudinal tension is provided by pressing the frame into the hull.

Make also sure not to twist the rods while pushing them down.
If the rods are twisted, it can be difficult to re-enter the split pin in the next step.



Push the split pin through the two rods...

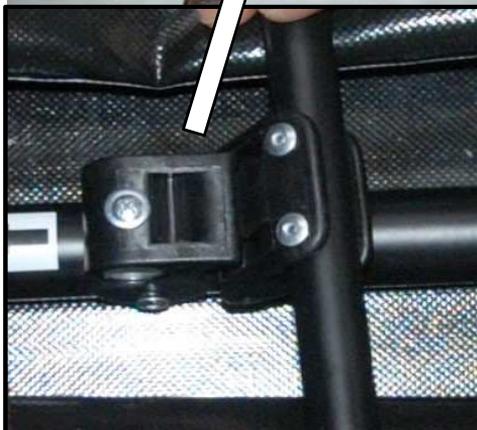


...and put the rubber band around to secure it.



Now install the cross ribs.

First take the **closed cross rib** for the front seat (*#4 in the part overview*).



Push the boat skin a bit aside and place the cross rib behind the front seat diagonally onto the clip on the keel rod. (*see picture on the left*)

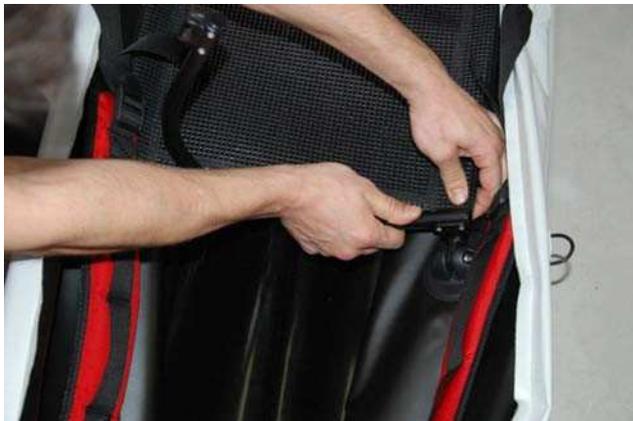


Then right it slowly up, while the clips interlock.

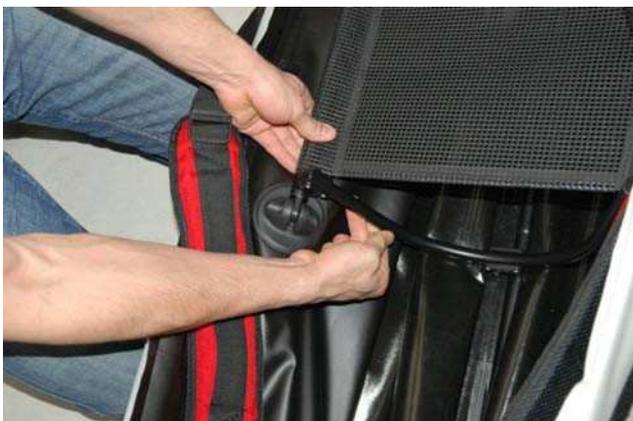


When the cross rib sits upright, clip in the seat bars on the back side of it. (see picture below)

Note: If this is hard to do, slide the seat cloth as far as possible towards the bow



Then take the **open cross rib** for the front seat (#4 in the part overview).



Clip it on both sides to the seat bars.



Then press the C-Clip onto the keel rod



Follow the same procedure with the remaining cross ribs (#5 in the part overview) for the back seat.





Now inflate the high pressure sponsons.

IMPORTANT:

There is an adapter for the filling valves in the repair kit. Put it onto the double action pump.

Then insert the adapter into the valve and with a half turn screw it to it.

The inflating valves have two positions that you can adjust by pushing and turning the white pin in the middle.

In one position you can inflate and disconnect the pump without letting the air out again.

If you want to deflate, push in the pin and do a half turn. The valve stays open.

Best is first to inflate the lower sponson on one side to around 50%, then on the other side equally. Then change again and fully inflate them in turns.

Proceed likewise with the upper sponsons.

The ideal pressure is 0.2-0.25 bar (2.9-3.63psi)

Do not exceed it!

Your boat is now fully assembled and ready for use.



4) Solo use



If you want to paddle your **nortik scubi 2** alone, you can do that from the front seat.

You will have to use the stern as bow (*the front seat is around 35 cm more in the middle of the boat.*)



For that you just have to change the backrest of the front seat to the other direction.



A solo deck is also available.

5) Installation of the Deck



Mount the deck from the stern. Place it in such wise, the deck just covers the Velcro on the boat.

It will overlap a little in the back.
(see picture on the left)

Then mount it completely and make sure to tauten it.



Then shove the overlap underneath the black cover at the stern.



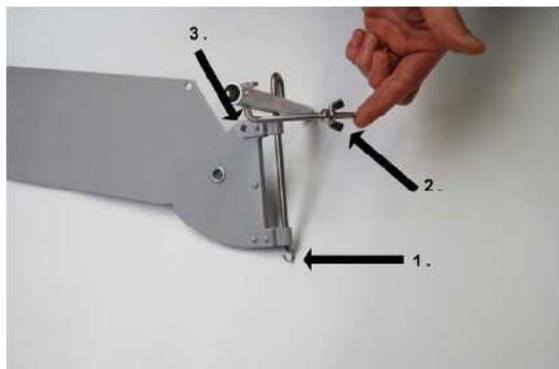
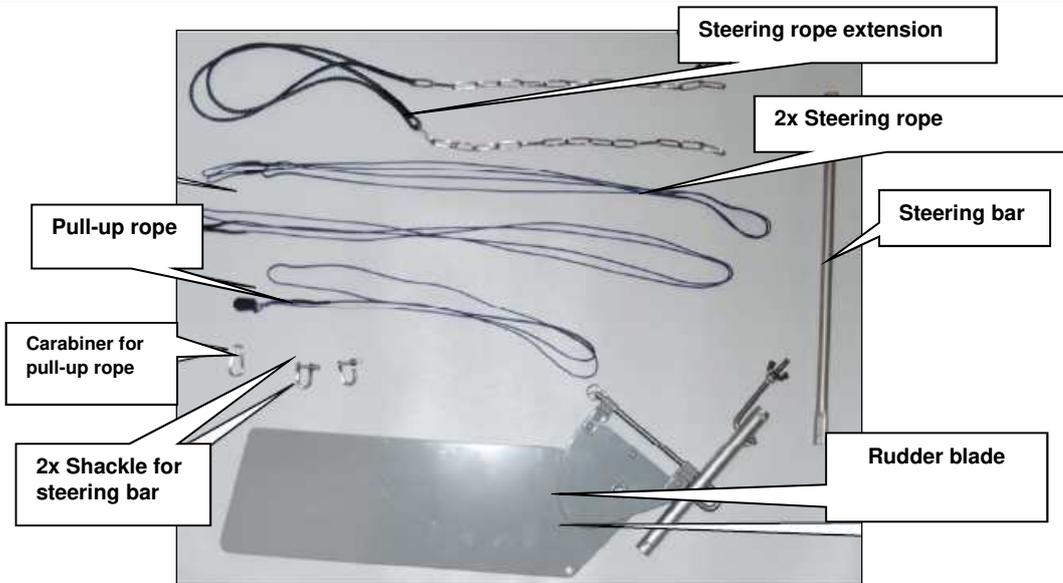
The two little tubes are the openings for the tripping lines of the rudder system, in case you want to use it.



The deck is fully installed. Now you can attach the sprayskirts.

5) Installation of the rudder system

The rudder system can be used on both sides of your *nortik scubi 2*. Both, bow and stern have a pickup for the rudder blade. This allows you to use the rudder system either in solo use, or when paddling in pairs.

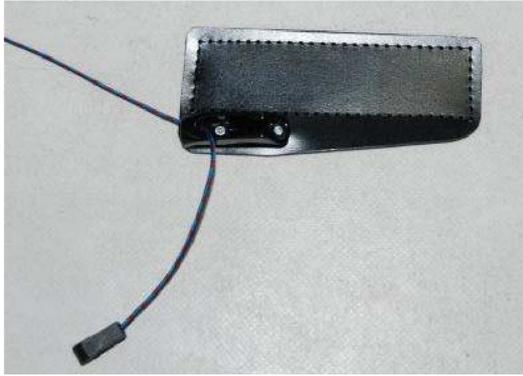


At the first assembling take the small security ring (1.) off the rudder blade.

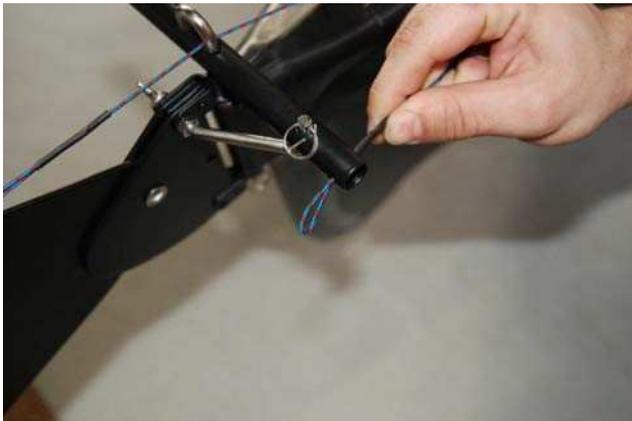
Then open the wing nut (2), put the distance piece through the hole (3) and reclose the wing nut.



Now place the rudder onto the cavity at the stern and secure it with pin, by pushing it through from above. Secure the pin at the bottom again with the little ring.



Take the pull-up clip (*with Velcro underneath*) and lead the pull-up line through it.



Then lead the two steering ropes through the holes of the cross beam...



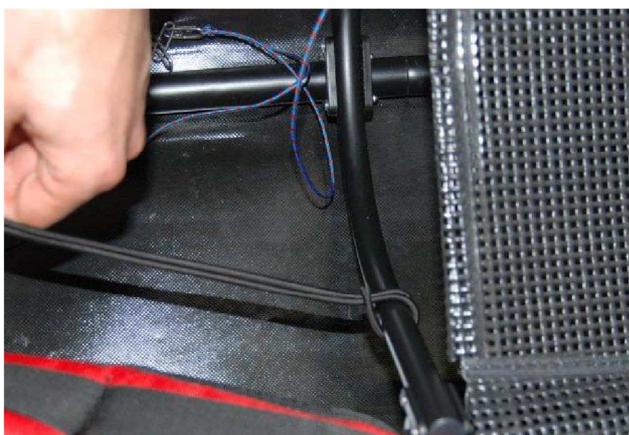
...and turn them around. They will lock themselves by being tensioned.



Now lead the extensions of the steering lines (with chains) from behind under the cross rib of the middle seat.



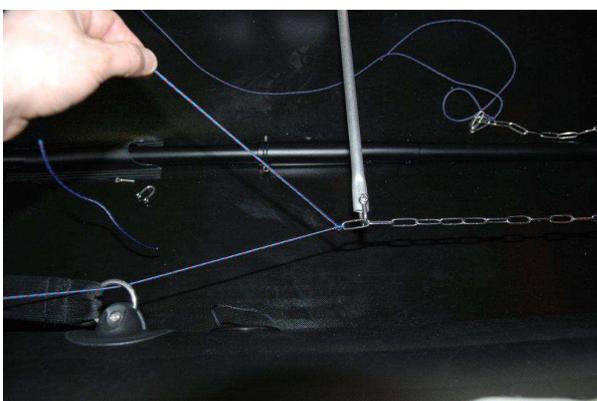
Then lead the whole extension through the loop.



Now you have attached the extension to the cross rib.



Lead the two steering lines from behind through the two D-rings, on which the back rest is attached.

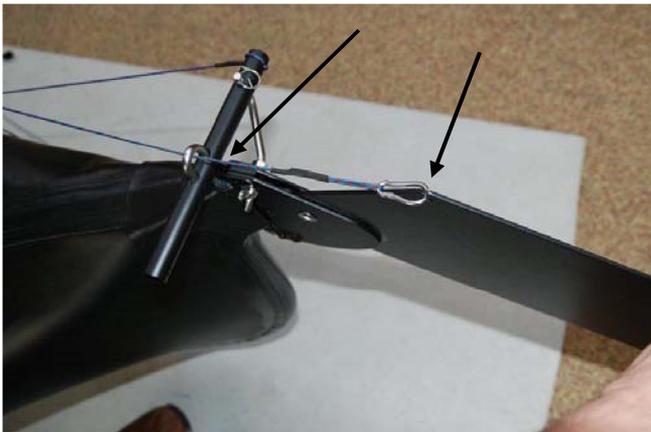


Now knot the steering line to the last chain link of the extension. You can adjust the length of the line to your requirements.

Then position the steering bar as you favour and secure it with the shackles.



By pushing the bar with your feet you can now change the direction of the rudder blade.



Lead the end of the pull-up rope back through pin and attach it to the rudder with the carabiner.

8) Instructions for disassembling

The disassembling corresponds the assembling in reverse order.



Before folding the hull, lay it out flatly. Fully drain the air from the sponsons. You can also do this with the supplied pump, since it has a suction function. Then fold the sides in the middle (lengthwise) as shown.

Fold it like shown on the next pictures...



Bow-section



So you can get the hull back into the bag easily.

9) Care, Safety, Storage and further Information:

Salt water: If you want to use your boat in the brackish water / salt water, the treatment of the rod with "CorroFilm" is absolutely recommended. Ask your local Dealer for it!

CorroFilm can be sprayed onto (and if necessary also in) the rods and generates a transparent, dry protective film which protects the aluminum perfectly against the "attack" of salt water. Ask your dealer about CorroFilm. Clean the rods and boat skin after exposing it to salt water (e.g. after the tour) with sufficient fresh water.

IMPORTANT: If the boat is to be stored for a longer time, take the air out of the sponsons! A folding boat should be built up and removed several times a year.

Ensure that the boat skin and rods are dry when packed and stored.

The boat skin is resistant to salt water. Nevertheless, it should also be cleaned with fresh water after the return from a tour in brackish or salt water. Especially when sand or small stones can cause high abrasion.

Please make sure to carry the boat not only by the handles, but also support it from the bottom, in order to relieve the handles from tension.

Always wear a life jacket when you are using your boat on the Waters! Beware of rapid weather changes!

IMPORTANT: If you are on tour for longer, be sure to check the air pressure in the sponsons. Air expands when heated. The operating pressure must not be exceeded. In the case of doubt, be careful to carefully let out some air.

Your boat is equipped with overpressure valves (the two red valves in the stern).

These will let out air in case the pressure exceeds too much. It is a security mechanism for the extreme case. Do not test it willingly, but follow the guidelines.

You can store your **nortik scubi 2** built up or disassembled in the bag.

Please make sure that your boat is not exposed to unnecessarily long heat. If it is built up, take the pressure from the sponsons by deflating them a bit.

Repairing and reinforcements:

The PVC / PU skin can easily be repaired in case of abrasion, a small crack or hole with the included repair kit.

- Cut a strip of PVC / PU material from the supplied repair kit.
Make sure that it extends generously over the damaged area.
- Round the corners of the strip with scissors or similar.
- Clean the strip and the area to be patched. Both must be free of grease.
- It is best to roughen the spot with a fine sandpaper, (but in a pinch it will also work without it)
- Apply a thin layer of glue on both surfaces
- Wait for the glue to dry slightly, then press the patch firmly onto the area to be repaired.

If you can make the repairing at home: Let the glue dry for an hour, place the patch on the spot, and gently warm both with a hot air dryer. Then push the patch firmly onto the hull.

On tour: The **nortik scubi 2** can be reused shortly after repair. However, the adhesive and protective effect still improves within 12 hours when the adhesive is completely dried. The sponson can be repaired in the same procedure as described above. Please pay attention to a clean, grease-free surface.

Your **nortik scubi 2** is equipped with a keel strip. However, you can apply additional reinforcements at much stressed points. Depending on the type of use, other keel strips or partial reinforcements of the skin are recommended. If necessary, ask for it in specialized dealers.



For more information about your and other products, sources of supply and downloads at any time:

FALTBOOT.DE