



Assembly Instructions

Recon

10.5ft Modular Fin Drive Pedal Fishing Kayak
440lbs Capacity | 2 Piece



Our Commitment

Congratulations on buying your Reel Yaks pedal kayak! We want you to love your kayak as much as we do. If you have any questions on your Reel Yaks kayak assembly, then please email us at hello@reelyaks.com or call us on 855 202 5035. Note we also have assembly videos on our website at WWW.REELYAKS.COM and on YouTube. If you run into any other issues, no matter how small, let us know and we'll take care of you.

Don't forget to fill out the **warranty form** on our website at www.reelyaks.com/pages/warranty-registration

If you are looking for any accessories to go with your Reel Yaks kayak such as a trolling mount, bimini, etc. then please visit us at WWW.REELYAKS.COM

Kayak Maintenance: We recommend a fresh water wash of all parts after every use and to spray any moving parts, screws and cables with WD40 once a month as a preventative measure.

Unboxing your Kayak

1

The kayak halves will come wrapped in a storage cover and some parts may be in cardboard boxes or plastic bags or bubble wrap (e.g. pedal drive). Please ensure to dispose of these packing materials safely, in particular the plastic.



2

Each package will have:

- 1 x kayak (in two sections)
- 1 x rudder
- 1 x paddle (in two sections)
- 1 x fin pedal drive unit
- 1 x set of pedals (2)
- 1 x set of spare fins (2)
- 1 x stadium chair
- 1 x fishing rod holder
- 2 x side carry handles, on the front section (attached to the accessory rails)
- 4 x accessory rail sliders

The larger items will be secured in the main cockpit area: pedal drive unit, pedal drive pedals, spare fins, paddle and stadium chair. Others like the fishing rod holder will be inside the cockpit hatch.

Assembly Steps

There are **six** key pieces of assembly to be done:

1. Kayak halves
2. Stadium Chair
3. Rudder
4. Fishing Rod Holder
5. Paddle
6. Pedal Drive

1.



2.



3.



4.



6.



5.



1. Kayak Assembly

1

For the kayak assembly ensure you have the two halves facing each other. Lift the rear section so that the lip of the rear overlaps the front half lip and then push down firmly on both sides. When this is done your kayak should be evenly aligned on both sides.



2

Next close the latches on both sides. The latches should be set correctly for your kayak, but if you find you're having to force it then stop. The latches have a screw under it that you can adjust with a screwdriver to get a firm lock closure. Do not force the latches closed. If a latch is too loose then adjust it accordingly to get a good firm fit. Forcing the latches closed for an overly tight fit can damage the screws unnecessarily on the adjoining catch.



2. Stadium Chair Assembly

1

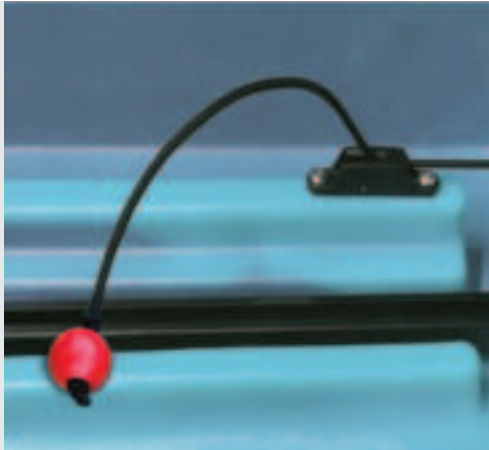
For the stadium chair assembly you'll need the 2 long screws, black seat brackets and allen wrench. In each seat rail you will have two slider receivers in which you can secure your seat. Move one to the front of the kayak for each rail and screw the front knobs into each slider. The back of the chair sits on top of the rails.



3. Rudder Assembly

1

The red ball and string to the right of the seat is for raising and lowering the rudder. Release the string from the cleat. Locate the round rudder steering cap on the top of the hull behind the seat and the rope for raising and lowering the rudder.



2

Thread the rope through the front hole underneath the rudder steering cap to the underside of the hull.



3

Hold the rudder in your hand with the mounting pole at the top and the rudder blade facing you. Insert the rope into the hole at the front of the rudder.



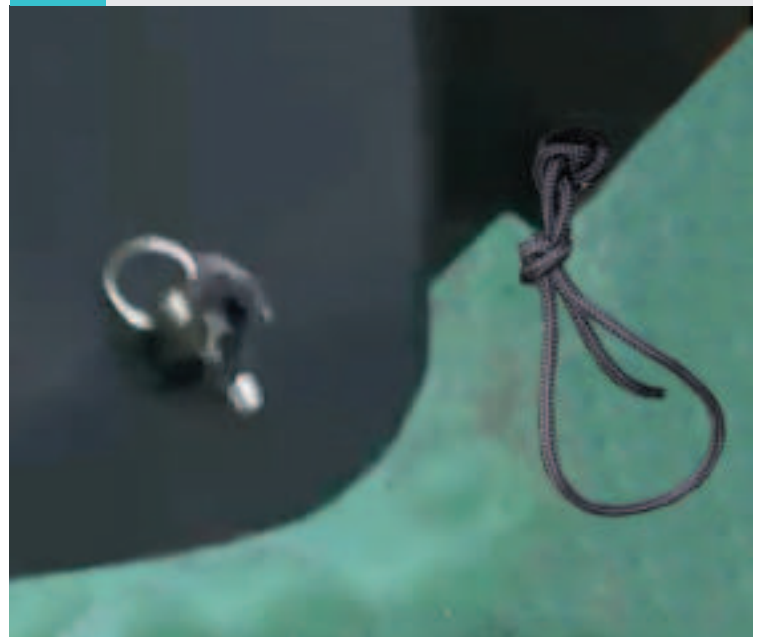
4

Pull the rope through to the bottom side of the rudder. Then loop the rope up and insert the end of the rope into the hole at the top of the rudder blade.



5

Insert the rudder mount up into the middle large hole on the underside of the kayak. Ensure the rope is taut prior to tying a large knot at the end of the rope.



3. Rudder Assembly *continued*

6

Place the rudder steering cap over the top of the rudder and insert the mounting pole into the underside of the cap. Insert the screw into the top of the cap and secure it with an allen key.



7

Prior to installing the rudder handle, ensure the rudder is in a centered position. The base of the rudder steering mechanism is located to the left of the seat. The rudder handle needs to be properly mounted and aligned with the base, before tightening with the single screw provided. Ensure that your rudder steering handle is in a neutral position with the handle parallel to the centre line of the kayak.



8

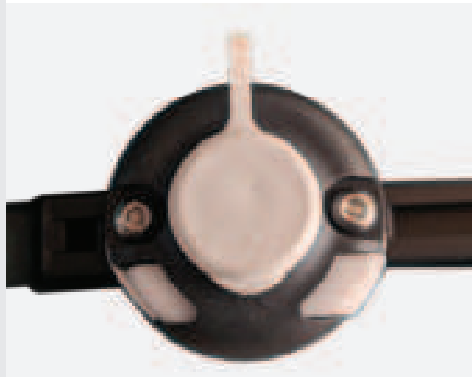
Pull the rudder handle all the way left and then all the way right, to ensure the rudder is tracking correctly. You can adjust the tautness and responsiveness of the rudder steering by adjusting the length of the steering cables attached to the outside screws on the rudder cap. Use the allen key to loosen the screws before adjusting the cable length and then retighten. In order to test the lowering of the rudder unlock the rudder string and pull the red ball to the right of the seat. You need to lock the string in the V of the cleat to keep the rudder in a down position.



4. Fishing Rod Holder Assembly

1

You can then choose which side rail to place the rod base holder and how far along the rail you want it mounted. Align two of the accessory rail sliders beneath the rod base holder and then mount in the 2 screws for the rod base holder into the sliders.



2

Next insert the fishing rod holder into the now secure base by 'opening' the base as indicated below (orange arrow). Next close the slider to lock the fishing rod holder in place (blue arrow).



5. Paddle Assembly

1

The paddle assembly is super simple, just depress the button and pop it into the desired hold (3 locations to choose from) to get the preferred orientation of your blades.



2

Then use the paddle stretch cord to secure it to the side of the kayak. Remember not to leave it attached like that when the kayak is travelling on your car or truck.



6. Pedal Drive Assembly

- 1** For the pedal drive assembly ensure that you have the main unit with flaps (x1) attached and the pedals (x2).



- 2** Note the numbering on the top of the pedal drive unit, to know which is forward, '1' will be at the bottom (closest to the seat) for shorter people and '7' for taller people. For the time being don't worry about the numbering as this will help you set the correct leg length later on.



- 3** Insert each pedal (orange arrow) with the main bolt fully unscrewed (mint arrow), and while holding the red handle depressed. Aim for insertion around '3' on the top of the unit so each pedal is at the same locked location. The insertion will deliver a tight fit and once the spring-loaded pin beneath the red handle pops in then go ahead and secure the main bolt again. It's always worth checking all the nuts on the drive are tight before using if for the first time e.g. brass nuts, etc. *Loctite, while not required, is always a good preventative measure if you have any concerns.*



Complete steps 4 – 7 once you are in the kayak on the water.

- 4** Put the pedal drive into the locks with '1' facing you.



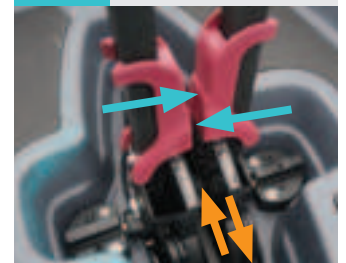
- 5** Turn the locks 90 degrees to lock in place.



- 6** Complete by closing the lock on the other side.



- 7** Push in the red handles to adjust your leg length.



Note

When beaching the kayak either remove the fins prior or push forward on one of the pedals to ensure the flaps are flared and be careful when dragging the kayak up the beach.

Kayak Accessories

If you are looking for any accessories to go with your Reel Yaks kayak or spare parts please visit us at WWW.REELYAKS.COM

Foldable Cart



With No-Flat Airless
Wheels and
2 Ratchet Straps

Pedal Drive Fin Shaft Socket Replacement



Stabilizers



Easy to inflate and
deflate in seconds

Fin Pedal Drive Cables



Bixpy Trolling Motor & Battery



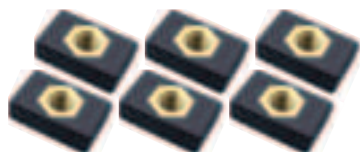
No drilling, no hassle –
add the power of a
trolling motor to your
kayak with clean
electric power

Trolling Motor Mount Bar



Corrosion-resistant
stainless steel for
rigidity and durability
– securely attached to
the gunwales

Rail Slider Mounts



Nylon Copper
M6 nut nutsert
– high strength,
anti-rust and
corrosion resistant

Pedal Drive Cover



Can be used for
the Raptor, Radar,
Rapido, Rubicon
and Ranger models

Seat Raisers



3 Levels to choose
from – incremental
lifts to your seat of
1", 4" or 7"

Pedal Drive Locks



Non-spring loaded
cam locks