

RIGID KAYAK OWNERS MANUAL



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1. KAYAK SAFETY

Safety must be the foremost consideration in any water sport activity. A boat owner is obligated to understand that the risk involved in paddle sports can never be eliminated. Appropriate equipment, including clothing suitable for the conditions, and wearing a life jacket is imperative to safe paddling.

At the novice stage, a kayaker can be particularly vulnerable to adverse weather, and water conditions. Kayaks, because of their limited speed, can be especially sensitive to wind, waves, and currents. In many regions, cold water is the greatest danger to the kayaker. Cold water is very debilitating and will quickly cause you to lose the strength needed to re-enter your kayak. We strongly encourage you to always paddle with at least one other person so that there is someone available to assist in the event of a capsize.

The user of any Kayak is personally responsible for his/her own safety and assumes all risks of and responsibility for any injury or death which might occur while using an Kayak.

2. FITTING INTO YOUR KAYAK

One of the most important considerations in using your Kayak is the way it feels to you – specifically, how comfortably you fit into it, how easy it is for you to get in and out of it. By knowing and understanding your kayak and its different parts, you will be able to use it more efficiently, and your kayaking experience will be more rewarding.

Foot Rests – The balls of your feet should press evenly against the footrests with your knees slightly bent. You should not be seated so tightly that you cannot relax your legs.



Backrest & Seat – For back support, the backrest can be adjusted to your back size with the web straps which run through the seat back. It is best to adjust your backrest and seat before setting out to paddle. When you are sitting properly, you will have support on the balls of your feet as they rest on the foot pedals.

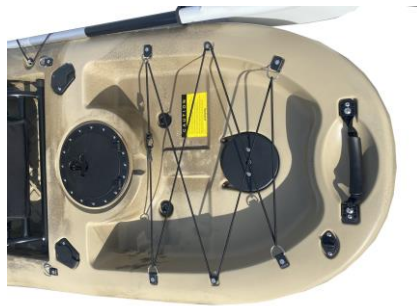


Beverage Holder – The beverage holder is conveniently located between your legs as you paddle. A 12 ounce can, and a thin can cooler fit perfectly in the holder. We do not recommend paddling with hot beverages as this can lead to unexpected spills and burns.



3. STORAGE COMPARTMENT

The water tight storage compartment is equipped with a removable custom contoured cover and bungee straps. Simply unhook the bungee straps to access the compartment. The contoured cover is designed to hold a small cooler, securable with the bungee straps.



4. CARRYING YOUR KAYAK

If you are going to carry the kayak by yourself, be careful not to lift with your back. Turn the kayak hull toward you and against one thigh, while gripping the molded-in finger grips with both hands. You can also drag the kayak across grass or sand while gripping one of the molded-in handles on the front or back of the kayak.

Two people may carry the kayak by simply gripping a molded-in handle on each end



Please note: Wheel kit not included.

5. TRANSPORTATION & LOADING

Improper transportation of your kayak can easily cause damage. A quality roof rack with specialized kayak carriers, is a small price to pay for protecting your boat and vehicle.

Specialized straps are recommended as a positive securing system (Do not use bungee cords to fasten your boat to your roof rack!)

Kayaks can also be easily transported in a truck box. Up to 4 kayaks (loaded sideways) can be transported with this method, but again they must be secured with a positive strapping system.

6. STORAGE, MAINTENANCE & REPAIR

Storage - Kayaks are made from 100% polyethylene plastic.

This material is strong, rigid, and highly impact resistant, but due to the nature of the plastic in general, it is important that you take steps to store the boat properly. It is always best to store your kayak indoors, out of direct sunlight and protected from inclement weather. Preferably, you should stand your boat on end or hang it suspending the hull with slings (hanging your kayak by the molded-in handles increases the likelihood that your kayak will experience warpage). You can also store your boat on the floor, upside down, but only as a last resort.

Maintenance – Clean polyethylene with mild detergent and water.

Use a plastic protectant to guard against UV rays and to help your boat shine.

Hull Distortion – Improper storage or transportation of a plastic boat can potentially distort the shape of the hull on your boat. If your kayak does become the victim of slight distortion, correction is a simple process. Brief exposure to the heat of the sun

is often all it takes to restore the hull to its original shape. If that doesn't work, the hull can usually be restored by applying heat to the outside of the boat with a hair dryer or other low-heat source such as a 75-watt light bulb.

When the hull is pliable enough, it can be pushed back in shape by hand. Be careful not to Overheat the hull as you might get burned or damage the hull. A weight can be placed inside the boat against the warped area to help maintain the shape of the hull as it cools. Although cooling normally occurs quickly, we recommend that you allow up to 24 hours to ensure that the process is completed.

Scratches - A kayak this is used in normal conditions will receive scratches, especially the bottom of the hull. Scratches do not alter the boat's structural integrity or navigational capabilities and should be of no concern.

Repair options & procedures – Although it is unlikely that your Kayak will need repair during its lifetime, it is possible that a hull crack or puncture might occur due to extreme impact or contact with a sharp object. If this happens, first contact us, if the damage falls under the boat's warranty. We will need a description of the incident during which the damage occurred. All of this information will help us to determine the best course of action.

7. PEDAL DRIVE SYSTEM



Your Pedal Comes shipped to you in this robust box to help prevent shipping damage and requires some assembly.

This Pedal Parts bag includes :

- 1) 4MM Hex Wrench
- 2) 8MM Hex Wrench
- 3) Crank Arm Bolts
- 4) Spare Shear Pin



Assembly Instructions

Step 1: Install Thwart Tube



Retrieve Your Thwart Tube from your kayaks and insert the tube throughout one side of the thwart tube clamp

Centre the thwart tube on the thwart clamp



Secure the thwart tube in place by tightening the screws to 4NM torque, utilizing the included 4MM hex wrench. This is just enough pressure

DO NOT over tighten these two screws. Over tightening will result in damage not covered under warranty

Step 2: Install the Left and Right Crank arms



The Crank arms on the Pedal, like a bike, are Left and right specific. The correct orientation of the pedal is with the prop facing you and the thwart away from you, as you would pedal it in your kayak

On the crank arms and caps are coded "L" and "R"



Install the Crank arm bolts, starting them by hands and then tightening to 35NM utilizing the included 8MM Hex Wrench

Step 3: Install your pedal In your kayak



Set the aluminum thwart tube into the half around recesses located in front of the kayak. Push the slider latch forward to lock the tube in place Push the slider latch backward to unlock the tube ,repeat on opposite side

Step 4: Lock Pedal



Lower the pedal throughout drive box .Lock the pedal in position with the slider latch installed on the front of your kayak

Step 5: Belt Tensioner



After use of more than 1000 hours the belt may go a bit loosened , then use this butterfly screw handle to tighten up clockwise to get a tighter belt tension

Step 6:Belt Guidance Screws in Vertical direction



The two 8MM screws is set for guiding the belt to run in vertical direction to avoid scratch with housing to make noises

How to fit the drive system to reception device on the deck

Please plug the tip the drive system into the reception part on the deck and fasten it with four claps and you are ready to go



Warranty

We take great pride in the pedal like of boats we produce

Your pedal is manufactured to stringent standards ,built for endurance , and sold exclusively by our outstanding dealer network .We guarantee and warrant your new pedal against defects in workmanship and materials for two years from its purchase date

To submit a warrant claim:

The warranty claim must be submitted to the dealer from which the pedal was originally purchased .In submitting The claim, the dealer will need:

- 1)Proof of Purchase
- 2)Physical Inspection of the pedal of pictures of the area in question

This warranty doesn't cover

- 1)Normal wear to the pedal
- 2)Damage caused by abuse of misuse
- 3)Damage caused by failure to perform routine maintenance
- 4)Failure due to improper transportation
- 5)Issues resulting from modifications to the boat or Propel that were made by unauthorized persons.



Step 7: Belt direction guiding in horizontal directions



The two 4MM screws is set for guiding the belt to run in Horizontal direction to avoid scratch with housing to make noises

Step 8: Shear Pin Replacement

In order to Ensure that gears of your pedal are not damaged if the propeller hit during rotation ,your propeller is fixed to the drive shaft with a shear pin .An extra shear pin is included with your new boat to ensure you are never without your pedal .



Remove the end bolt using a 4mm hex wrench .Pull the propeller straight back to remove the propeller and expose the shear pin

Step 9: Adding Sliding Rails for Aluminum Frame Seats

Please use hex wrench to drill the screws into the nuts that are glued onto the kayaks

Step 10: Use of Rudder control Handle to effect turing



The hand pulley is linked to the metal rudder on the stern by steel cord covered by plastic tubes, when you need to turn left ,just turn the pulley to the left gradually ,coupled with action from pedal drive system and turning is effective ,so is action of turning right ,when the pulley handle is at middle position which means the rudder at middle position too and boat is going straight