



US Ver.-P

Pathfinder

Instruction Manual

IMPORTANT SAFETY GUIDLINES FOR SPORT BOAT USE
Please read & understand prior to using your boat



ISO 6185-1 TYPE B KAYAK

- BOAT DESIGN CATEGORY D – “SHELTERED WATERS”**
- : BOAT DESIGNED FOR VOYAGES ON SMALL LAKES, RIVERS AND CANALS, WHERE CONDITIONS UP TO AND INCLUDING WIND FORCE 4 AND SIGNIFICANT WAVE HEIGHTS UP TO AND INCLUDING 0.5M;
MADE IN CHINA

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*****PLEASE DO NOT RETURN THIS ITEM TO THE STORE*****

For Customer Service, Parts and Support,
please contact Red Star Traders at (801) 924-2090
or email us at customerservice@redstartraders.com

ATTENTION CUSTOMER - Please read this statement carefully and keeps your original store receipt along with this warranty certificate at all times. Your receipt is required as proof of purchase and to verify the length of your boat ownership.

We warrant all boat units against defects in materials and workmanship under normal use and service, for a period of 1 year from the date of purchase for the original owner only. If the boat units have been replaced, consumer-damaged or misused, the corresponding warranty is invalidated. In this situation, you will be advised of the cost of replacement parts or a new pump and processing instructions.

If a verifiable manufacturing defect is found during the relevant time period, we agree to repair or replace at its option any Boat units under warranty provided proper proof of purchase is presented.

This limited warranty is not valid if the Boat is used for commercial purposes, or if the damage is caused by an accident, an act of God, consumer misuse, neglect or abuse, vandalism, improper use of chemicals, exposure to extreme weather conditions or negligence during set up or disassembly.

We cannot be held responsible for the cost of installation, labor, or transportation expenses incurred due to the replacement of defective parts. This limited warranty, furthermore, does not cover any unauthorized alterations to the boat itself.

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Introduction

We thank you for your purchase of our **Pathfinder** series. We think you will find it quite simple to install and use efficiently. Please read the following instruction carefully before using this inflatable boat and keep the instruction for future reference. When you re-sell the craft, please hand this manual over to the buyer.

This **Pathfinder** inflatable boat has been manufactured to the highest quality standards. Here is Jilong **Pathfinder** inflatable boat manufactured as high quality performance that combines superior material intensity and following features:

- Designed for inshore use
- Easy installation and maintenance
- Low cost on maintenance and operation
- Offer quiet and high quality performance
- Quality certified construction
- Reliable, corrosion-proof and reinforced material
- Elegant and delightful design
- Easy to store and compact for winter
- GS certificated boat
- Safer for using and for the environment

This **Pathfinder** inflatable boat manual will provide you with all of the easy instructions you need to follow in order to set up and operate this boat efficiently. If this is your first craft, or you are not familiar with this type of boat, please ensure that you obtain handling and operating experience before driving the craft. Your dealer or national sailing federation or yacht club will be pleased to advise you of local sea school, or competent instructors.

In addition to set-up instructions and operational guidelines, we have also included several very important Warning and Caution statements that pertain to the safe use and enjoyment of this new **Pathfinder** inflatable boat. It is very important that you take the time to read them all and share them with any individuals that will ultimately be enjoying the use.

Please make certain that you read and understand the information contained in this Manual prior to initial use.

Please retain this Manual for future reference.

Repairs

Little holes or punctures can be repaired with the repair kit come along with the boat.

1. Find the leak on the boat first.
2. Thoroughly clean the area surrounding the leak to remove any dirt or grime.
3. Cutting a piece of repair material in round shape, that should be larger than the damaged area.
4. Using a pencil, trace the outline of the patch lightly.
5. Apply adhesive to the underneath side of the patch and around the area to be repaired. Coat the affected area lightly but completely with glue.
6. Put the repair patch on the damaged area and press down firmly.
7. Allow 12 hours for repair to dry. After repair patch has dried, apply glue around the edges for a complete seal (dry 4 hours).
8. You boat can safely use after the above steps.

Trouble Shooting Guide

When you find the boat appears a bit soft, it might not definitely be because of a leak. Firstly you can check if the Built-in Safety valve (check A, B, C and D assemble condition) and other valves are loose. If all valves are in good condition, you can consider if it is caused by temperature variation: If the boat was inflated in the day at higher temperature and the air cool down at night. And the material can extend after the chambers long inflation, so the pressure for the chambers may be less, and the boat will appear soft.

If the valves and temperature variation are not the reasons, you need to start looking for a leak:

- Finding the leak area: you can check your boat from a few feet away or flip it over and closely check over the outside. Any large leaks should be clearly visible.
- Pin point the location of the leak: spray mild soapy water over the suspicious areas. Any leak will produce bubbles.
- Check valves for leaks.

Important Safety Guideline

Please read & understand prior to using boat

To enhance the enjoyment of your boat and protect the safety of the operator using the product, **ALWAYS STRICTLY OBSERVE** the following important safety points. And it should be read and understood prior to use:

1. **WARNING:** Boat designed for voyages in sheltered water only. Please voyage the craft on small lakes, rivers and canals where conditions up to and including the wind force below 4 level and significant wave height up to and including 0.5m.
2. **WARNING:** This is not a life saving device. Use only under competent supervision. Never allow diving or jumping into this product. Never leave in or near the water when not in use. Never tow from any vehicle. Adult assembly and operation required.
3. **WARNING:** Inflating the product's chambers should be as the numbered sequence and do not over inflate. Excessive inflation of the product can cause the chambers to burst or cause damage to the welding seams.
4. **WARNING:** Taking a boating safety course and getting hands-on training from your boat dealer or local boating authorities. Review all safety requirements regularly. Never navigate alone.
5. **WARNING:** A Personal Flotation Device (PFD) is required for each passenger. It is especially important that children and non-swimmers wear a Personal Flotation Device at all times. Children and non-swimmers need special instruction in the use of Personal Flotation Device.
6. **WARNING:** Use caution when stepping or climbing aboard the boat. Step into the center of the boat for maximum stability. Distribute the weight of load and accessories evenly so that the boat sits level fore to aft and side to side.
7. **WARNING:** Do not use your boat if you suspect a puncture or leak. It may be unsafe.

General Maintenance

1. Depending on the parts usage, keep some spare available, all parts suggest must consult local agent for factory authorized parts when servicing system.
2. Clean your boat after a trip to prevent damage from sand, salt water or such exposure.
3. No lubrication or regular mechanical maintenance is needed.
4. Wash outside of the boat with a mild detergent and water, or use the sponge and mild soap. It can clean most dirt.
5. Do not use solvents to clean the boat, solvents may damage material or plastic components in system.
6. Make sure the boat is completely clean and dry before storing, otherwise mold can accumulate or boat will be mouldy.
7. Store all boat's accessories in a dry storage location and with ventilation. Make sure all parts are dry before storage.
8. You can store the boat in a dry location and take advantage of the original packing carton for storage for next season use. Do not store in an area where it is likely to be exposed to extreme temperature.

Disassembly

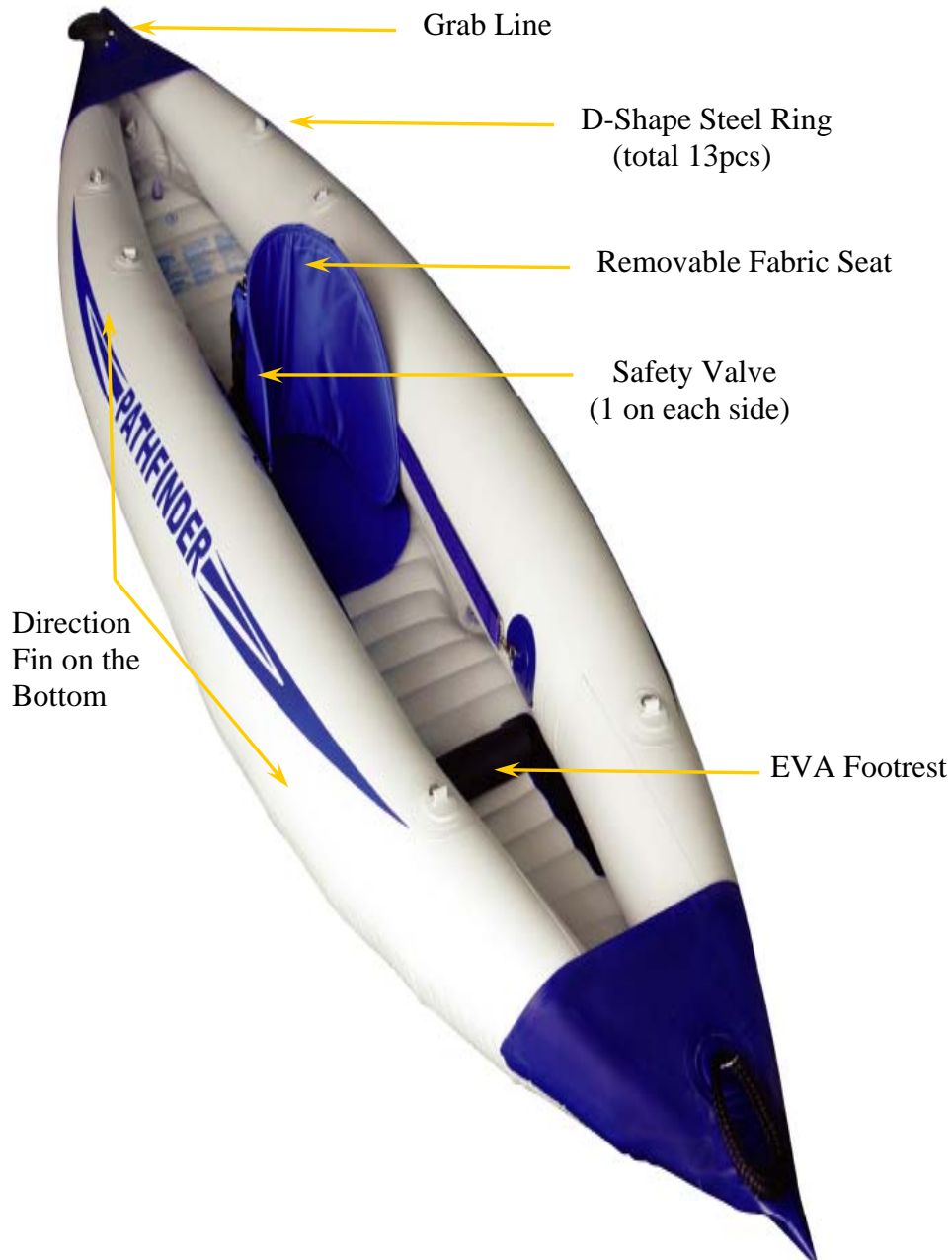
1. Remove all the accessories (fishing rod, oars, gear pouch...) from the boat.
2. Open all valves and deflate boat completely.
3. Fold the boat. (Make sure the boat is clean and dry. See the above General Maintenance chapter.)
4. Put boat and air pump, oars into carry bag for storage.

8. **WARNING:** Beware of offshore winds and under-currents. Navigation incident could occur.
9. **WARNING:** The total number of persons and total weight shall not exceed the information printed on the boat. Do not exceed the maximum recommended capacities. Overloading violates regulations
10. **WARNING:** It is the responsibility of the boat owner to identify and obey all local and state laws pertaining to boat safety **PRIOR** to use laws on: decks, fences, barriers, lighting, and other required safety equipment. Please consult your local authorities to ensure compliance.
11. Do not allow unattended children in the boat. Always make sure that at least one responsible adult is supervising all children and those who do not know how to swim **AT ALL TIMES.**
12. Always maintain the proper boat safety equipment in an easily accessible area adjacent to your boat. Clearly post emergency phone numbers as well as safety advisories and rules (such as “No Jumping or Diving”).
13. Boat is designed to be storable, seasonal boat. If you live in a temperate area in which the boat will not be in use year-round, it is **STRONGLY RECOMMENDED** that you deflate the boat and dry it thoroughly, and store it in a protected area for the off-season. This will help extend your boat and prevent a safety hazard from developing while the boat is not in use.
14. **WARNING: Certain household cleaning solvents, chemicals and other liquids (such as battery acid, oil and gasoline) could damage the PVC fabric. In the event of spill or mishandling, you should check for leaks and inspect for structural integrity.**
15. Follow these rules to avoid drowning, paralysis or other serious injuries.

II) Rules to observe during navigation:

1. Be responsible and strictly follow the safety rules. Do not neglect the safety rules. This could hazard your life and the lives of other passengers.
2. Learn to always keep control of your boat.
3. Respect local regulations and practices.
4. Navigate on “**INSHORE WATER**” only.
5. Remember weather conditions can rapidly deteriorate. Always be sure that you can reach a shelter rapidly.
6. Each person on boat always wears a personal flotation device.
7. Do not drink or take drugs before or while operating your boat. All passengers should maintain sobriety in all voyage.
8. Keep fire away. Do not smoke on board.
9. Do not overload the authorized number of persons or total weight.
10. Make sure your passengers remain seated. If the boat is at rest or at low speed, passenger can sit on the buoyancy tubes and grab the line around the boat. At planning speed, in rough water or during sharp turns, all passengers should position themselves in seats or on the floor.
11. No riding at bow. Bow riding is illegal in most areas and it is extremely dangerous.
12. Be especially careful when docking. Arms and legs may be injured if they are outside of the boat.
13. Always avoid areas where divers or swimmers are in the water. Keep a sharp lookout especially when operating near beaches and launch sites. The afloat flag indicates proximity of divers. You **MUST** stay at a good distance (minimum 50 meters).
14. Avoid sharp turns at high speeds, which may turn the boat over or throw passenger out of boat.

Sketch Map





Operating Instruction










I) Preparation before departing:

1. Acquire necessary information and inform other passengers:
 - A) Get information on local laws, regulation and hazards related to water activities and boat operation.
 - B) Check weather forecast, local currents, tides and wind conditions.
 - C) Advise someone on land of the time you plan to be back.
 - D) Explain basic boat operation to all passengers.
 - E) Be sure that at least one of your passengers can operate the boat in case of emergency.
 - F) Learn how to determine the distance you can cover, and remember that bad weather conditional can alter this.
2. Check the working condition of the boat and equipments:
 - A) Check inflation pressure.
 - B) Inspect all safety valves.
 - C) Check the load is evenly distributed on deck of boat: fore to poop and side to side.
 - D) Only motor powered lower than the number of the table is recommended for this boat. (Please check the recommended maximum motor power on Page N0.7)
3. Check that required safety equipment is on board (check the laws and regulations of the country or locality in which you are boating):
 - A) One personal flotation device (PFD) for each passenger.
 - B) The air pump, oars, repair kit and tool kit.
 - C) The mandatory equipment.
 - D) The boat papers and your boating license (if applicable).
 - E) Lights are required if operating after dark.

Basic data

Item No.	Model No.	 Capacity (person)	 Max. Load weight (kg)
JL000262N	1 Person Kayak	1	105KG
JL000262-1N	2 Person Kayak	2	170KG

Accessories

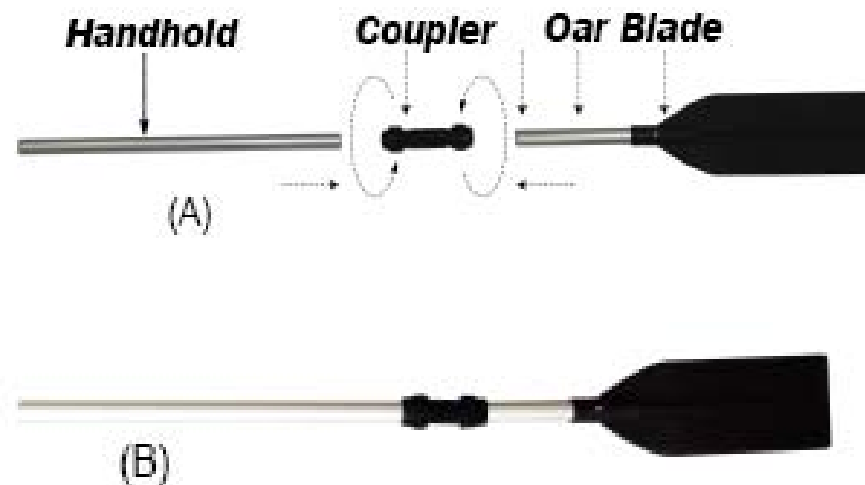
Ref.	Description	Diagram	QTY	
1	Repair Kit		1	
2	Removable fabric seat		JL000262N	1
			JL000262-1N	2
3	EVA footrest		JL000262N	1
			JL000262-1N	2
4	Foot pump		1	
5	Oar		2	
6	Carry Bag		1	
7	Wrench (It is optional Item)		1	
8	Inflation Adapter (It is optional Item)		1	
9	Air Pressure Meter (It is optional Item)		1	

After the inflation adapter assembles completely, you can inflate the boat by number sequence. Do not over inflate. After inflating, screw the Valve Cap A in clockwise direction by hand. **Caution: Do not over inflate or use high-pressure pump. The maximum pressure for air chamber of 1st and 2nd should be 0.15bar (2.17PSI). And the maximum pressure for air chamber of 3rd should be 0.10bar (1.45PSI).**

b) **Deflation:** Deflate the Valve Cap A, push down the Deflation Button C and turn the valve in clockwise direction by 90° until it is locked, release the valve and the air can be out automotive. If you want to stop deflation, push down the Deflation Button C and turn it in counter-clockwise direction by 90°. And the deflation will stop when the valve jumps up.

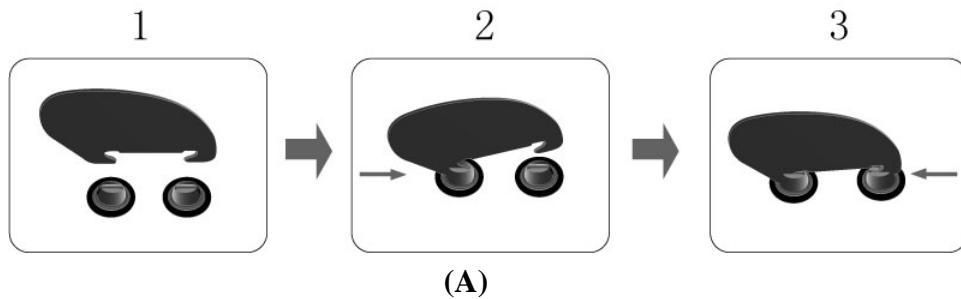
5. Oars Assembly:

Unscrewing the two sides' turncap of **Coupler** first and insert the **Oar Blade** and **Handhold** into the turncap of **Coupler** as below (A) and (B) illustrations. And then screw the turncap tightly. Repeat above steps to assemble the other oar.



Installation

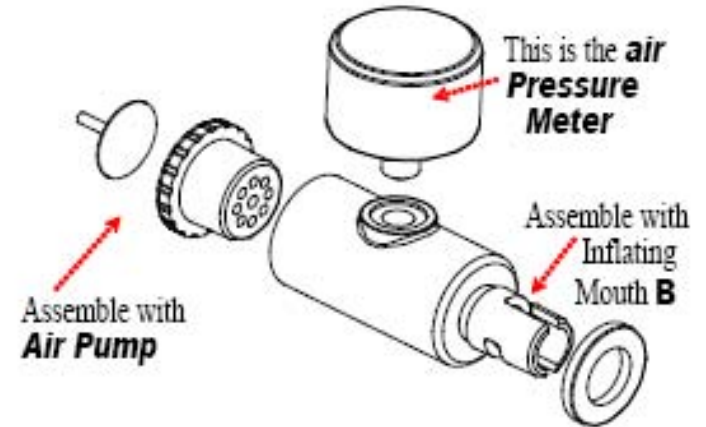
1. Find a flat field and make sure that the area you have selected to set up the boat is completely free of stones, sticks, sharp objects or other foreign debris.
2. Carefully unfold the boat, spreading out the tubes and floor to make them as smooth as possible. NOTE: For ease of install, it is preferable to set up the boat on a warm and sunny day. If time permits, expose the unrolled boat to direct sunlight for 1 hour or more, so that the boat material will be more flexible during installation.
CAUTION: DO NOT DRAG THE BOAT, AS IT MAY TEAR THE BOAT OR CAUSE OTHER DAMAGE. We will not be held responsible for damage caused to the boat due to mishandling or failure to follow these instructions.
3. Install the direction fin on the bottom of Kayak. Pls refer to below illustration (A).



4. Use a foot or hand air pump to inflate the boat. Inflate the boat's chambers in numbered sequences that printed on the high-pressure air compressors. Inflate each air chamber in number hull of boat. It is very important to follow the numbered sequence: failure to do it that will result in an improperly inflated boat. You can use a hand or foot operated air pump to inflate the boat. Do not use sequence and till all chambers are full. Warning: Do not over inflate in one time; it is hurtful for boat body. And Over inflation of the chambers can cause the boat to burst or cause damage to the boat body's seams.

The detailed inflated and deflated operation for **Built-in Safety Valve (diagram (2))**, please see below illustration.

- a) **Inflation**: Unscrew the Valve Cap A, Assemble the **Inflation Adaptor** with the Inflating Mouth B, **Air pressure Meter** and the **air pump** (Please see the below (1) detailed illustration!).



(1) Inflation adaptor spread diagram



(2) Built-in Safety Valve illustration