



WATER BIKE SURF OWNER's MANUAL

WARNING:

PLEASE READ ALL THE MANUAL CAREFULLY BEFORE YOU TAKE THE FIRST RIDE ON YOUR NEW WATER BIKE SURF AND KEEP IT FOR REFERENCES.

This manual contains important safety, performance and red shark bikes owner's manual and service information. For your safety and your equipment's, please consider cautions mentioned in this manual. Disrespect of safety instructions can cause material damages, serious injuries or death.

ENG: **WARNING** If you don't understand something please contact to Red Shark bikes.

ES: **IMPORTANTE** Si no entiende algo, por favor contacte con Red Shark Bikes.

F: **IMPORTANT** Si vous ne comprenez pas quelque chose, veuillez contacter Red Shark Bikes.

DE: **ACHTUNG** Wenn Sie etwas nicht verstehen, wenden Sie sich bitte an Red Shark Bikes.

I: **IMPORTANTE** se non capisci qualcosa, contatta Red Shark Bikes.

JP: 重要何かが分からない場合は、Red Shark Bikesにお問い合わせください。

P: **IMPORTANTE** Se você não entender alguma coisa, entre em contato com a Red Shark Bikes.

RUS: **ВАЖНО** Если вы что-то не понимаете, пожалуйста, свяжитесь с Red Shark Bikes.

NL: **BELANGRIJK** als u iets niet begrijpt, neem dan contact op met Red Shark Bikes



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Dear customer,

First of all, thank you very much to trust on us.

On behalf of our Red Shark Bikes team, we warmly welcome you.

It is a pride for us to share our dream with you and deliver this new unit of Red Shark Bike, the fruit of our passion. We are convinced that you will enjoy practicing this new water sport, in harmony with the environment in a relaxed way.

Before your first departure, please read this manual carefully. You will learn more about safety, the various parts, components and technologies, many of which may be new to you and are designed specifically for this water bike. Please, whatever your level of experience is, carefully follow the instructions.

If you have any questions, suggestions or concerns, please do not hesitate to ask, for us it will be a great pleasure to assist you and help you as much as we can.

We hope you will enjoy it as much as we do, discovering the wonderful sensations of pedalling throughout new horizons and if these moments can be shared in company, it's always much better!

Wishing you all the best for you and your family.

Kind regards



Josep Rubau,
Designer.
Red Shark Bikes



1. INTRODUCTION:

Thank you for purchasing a Red Shark Bikes. You are now part of a family of adventure seekers who own one of the most advanced, versatile and portable personal water craft bike in the world.

Red Shark Bikes products combine the latest in inflatable surf boards and bike technology along with finely tuned mechanical engineering to give you gadgets that redefine the way you interact with the elements. As such, they take a bit of learning and require some extra care. There are also hidden features and troubleshooting information that are critical to the operation and well being of your red Shark bikes. So, before anything else, and definitely before you hit the water, PLEASE read through this User Manual and learn how to use and take care of your Red Shark Bikes. Misuse and lack of care can be dangerous to you and those around you. It will void your warranty and render your device useless.

Using a Red Shark Bikes products on the water can be dangerous and involves certain risks which often cannot be predicted or avoided. Those risks include, but are not limited to, personal injury or death, property damage, which may result from, loss of control, collisions with other users or watercraft, swimmers, and natural and man-made objects and/or animals/plants. By choosing to use a Red Shark Bikes product, you assume these risks and thereby need to know and practice water safety rules, responsible motoring, and proper use and maintenance of your Red Shark Bikes product(s) to reduce these risks. Since it is impossible to anticipate every situation or condition which can occur while some elements under in water, Red Shark Bikes can make no representation or warranty about the use and safety of Red Shark Bikes products under all conditions.

By purchasing and/or using Red Shark Bikes Products, you acknowledge, agree and understand the danger(s) involved in using Red Shark Bikes products and accessories. You, on behalf of yourself and your heirs, executors, administrators, successors and assignees: (1) Fully assume the risks involved in using Red Shark Bikes products and agree to use your best judgment in undertaking your activities to reduce such risks. (2) Agree to strictly and fully follow all safety instructions in this document or related communications. (3)

Fully and voluntarily waive, relinquish, covenant not to sue, release and agree to indemnify and hold harmless Red Shark Bikes, its members, employees, officers, managers, agents, resellers and representatives from any claim or loss for personal injury, property damage and/or death resulting from the use of Red Shark Bikes products and/or accessories.

You further: (1) acknowledge and agree that this waiver and assumption of risk is intended to be as broad and inclusive as is permitted by applicable law and that if any portion thereof is held invalid, the balance shall nonetheless continue in full force and effect; (2) acknowledge and agree this assumption of risk and waiver provides for the release of legal rights; and (3) expressly waive whatever benefits may be available, example as it is in USA under Section 1542 of the California Civil Code, as follows: A general release does not extend to claims which the creditor does not know or suspect to exist in his or her favor at the time of executing the release, which if known by him or her must have materially affected his or her settlement with the debtor.

Please note that your insurance policies may not provide coverage for incidents resulting from the use of Red Shark Bikes products. Please contact your insurance company to determine your coverage prior to using Red Shark Bikes products.

IF YOU DO NOT AGREE FULLY TO ALL OF THESE PROVISIONS, YOU SHOULD NOT USE RED SHARK BIKES PRODUCTS.



GENERAL INFORMATIONS ABOUT INFLATABLE BIKE SURF PRACTICE.

This manual has been written to help the BIKE SURF use, in the best conditions with complete safety. You will find here information about the board and supplied equipment. It is **IMPORTANT** to read carefully this manual (It also contains some safety issues, operating and maintenance tips) and any other documents attached, to familiarize with the product before you use it. Before any launch, you should check the weather forecasts and their compatibility with the recommended use of your BIKE SURF. Do not consider this manual as a maintenance or a repair guide. If you face a difficulty, you have to refer to the BIKE SURF's safety features which has been referenced by competent professionals. That is why the manufacturer won't be liable if some modifications are done on the product without his approval. Any BIKE SURF can be damaged in case of bad use. The user safety can also be compromised. You have to adapt your speed and your direction according to your environment. While using your BIKE SURF, we strongly recommend you to wear buoyancy aids (Personal flotation device or buoyancy aids) . In some countries, these equipment might be compulsory (legal requirement). Please refer to regulations in force in the country in which you use your BIKE SURF.

PLEASE, KEEP THIS MANUAL AND PASS IT ON TO THE NEW OWNER AFTER A SALE.

Due to our policy of continuous product improvement, the illustrations used in this manual may not be the same as in your BIKE SURF. These illustrations are intended to be representative images for your reference. In the same way, some of the details discussed in this manual may be optional.

IMPORTANT:

If you want to make any changes to the BIKE SURF, big or small, contact Red Shark Bikes. Do not modify the security features of the BIKE SURF. Any change in the weight of the BIKE SURF can significantly affect its stability. The BIKE SURF can be seriously damaged if treated improperly. Irresponsible and insecure actions are not compatible with safe usage. Always adjust the speed of the BIKE SURF to the climatic conditions and avoid risks.

In times of emergency, you may have to take extraordinary measures. Always consider the risks of dangerous situations and the need to protect people. Always remain calm during an emergency and always think first of safety.

Even if everything has been planned well and designed safely, safe navigation depends on weather conditions, sea state, ocean currents and the experience or physical shape of the user. No one can guarantee total security. It is your responsibility as owner to know the product, its capabilities, operating limitations and the intended use of the BIKE SURF.

Always listen or read the weather forecast before any trip or navigation session. Make sure that the wind and water conditions correspond to the product and that you can manage your BIKE SURF in the best conditions. It is recommended not to leave with rough waters or adverse weather conditions.

Please read and keep these warnings and precautions handy for future reference. Failure to safely operate and care for your RED SHARK BIKES products can result in loss of warranty, property damage, serious injury, or death.

NEVER use Red Shark Bikes products to go further than you can swim, paddle or pedal back on your own power.


Like any other mechanical device, there is a chance that at any moment your device may cease to function as expected. Always ensure that its seizure will not put you in danger. Remember, in an emergency, it's better to abandon the Red Shark Bikes products than risk your well being.



2. GENERAL WARNING:



Like any sport, water bicycling involves risk of serious injury or death and damage. By choosing to ride a water bicycle, you assume the responsibility for that risk, so you need to know — and to practice — the rules of safe and responsible riding and of proper use and maintenance. Proper use and maintenance of your water bicycle reduces risk of injury.

This Manual contains many “**Warnings**” and “**Cautions**” concerning the consequences of failure to maintain or inspect your bicycle and of failure to follow safe cycling practices. The **SAFETY** alert word or symbol  and the word **WARNING** indicates a potentially hazardous situation which, if not avoided, could result in serious injury or death.

The combination of the safety alert symbol and the word CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury, or is an alert against unsafe practices.

- The word CAUTION used without the safety alert symbol indicates a situation which, if not avoided, could result in serious damage to the bicycle or the voiding of your warranty. Many of the Warnings and Cautions say “you may lose control and fall”. Because any fall can result in serious injury or even death, we do not always repeat the warning of possible injury or death. Because it is impossible to anticipate every situation or condition which can occur while riding, this Manual makes no representation about the safe use of the bicycle under all conditions. There are risks associated with the use of any water bicycle which cannot be predicted or avoided, and which are the sole responsibility of the water rider.

IMPORTANT:

This manual contains important safety, performance and service information. Read it before you take the first ride on your new water bicycle, and keep it for reference.

Additional safety, performance and service information for specific components on your water bicycle, or for accessories that you purchase, may also be available. Make sure that your seller or dealer has given you all the manufacturers’ literature that was included with your water bicycle or accessories. In case of a conflict between the instructions in this manual and information provided by a component manufacturer, always follow the component manufacturer’s instructions.


If you have any questions or do not understand something, take responsibility for your safety and consult with our Red Shark team.


WARNING: CALIFORNIA RESIDENTS (proposition 65 warning)

This product can expose you to chemicals including Vinyl chloride, which is known to the State of California to cause cancer, and Di-n-hexyl Phthalate (DnHP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

A SPECIAL NOTE FOR PARENTS:

As a parent or guardian, you are responsible for the activities and safety of your child, and that includes making sure that the water bicycle is properly fitted to the child; that it is in good repair and safe operating condition; that you and your child have learned and understand the safe operation of the water bicycle; and that you and your child have learned, understand and obey not only the applicable local water traffic laws, but also the common sense rules of safe and responsible bicycling. As a parent, you should read this manual, as well as review its warnings and the water bicycle’s functions and operating procedures with your child, before letting your child ride the water bicycle.

-  **WARNING:** Make sure that you and your child always wears a personal flotation device approved by current regulations (water life jacket) when riding; Failure to follow this warning could result in serious injury or death.

-  **WARNING:** The inflatable board is not a toy, to use only the board on the water without frame on it, it can be very dangerous and may result in serious injury or death.



3. SAFETY FIRST:

3.1. THE BASICS:

- ⚠ **WARNING:** The water area in which you will ride may require specific safety devices. It is your responsibility to familiarize yourself with the laws of the water area where you ride and to comply with all applicable laws, including properly equipping yourself and your water bike as the law requires. Observe all local water laws and regulations. It's your responsibility to know and obey the laws.
- ⚠ **WARNING AND PRECAUTIONS:**
 - 3.1.1. Respect country, federal and local regulations as well as best practices afloat.
 - 3.1.2. It is a dangerous sport. This product use can lead to some unexpected risks for the user, accidents and dangers.
 - 3.1.3. Always use this product carefully. Do not use apart from the terms of use. An abusive use can lead to serious injuries or death.
 - 3.1.4. Use this product only if you are in a good physical condition and if you are a good swimmer.
 - 3.1.5. You are in charge of your own safety and of the others' around you when you use this product.
 - 3.1.6. If you are under 18, you need a legal guardian to read with you these warnings and safety precautions. Use only under adult supervision.
 - 3.1.7. Do not use this product if you are under the influence of alcohol, drugs or medications.
 - 3.1.8. Failure to wear a helmet when you get on or off from the solid ground may result in serious injury or death.
 - 3.1.9. Maybe your states require specific safety devices. It is your responsibility to familiarize yourself with the laws of the state where you ride and to comply with all applicable laws, including properly equipping yourself and your water bike as the law requires. Observe all local bicycle laws and regulations. Observe regulations about Water bicycle, licensing of water bicycles, riding on the water, laws regulating water bikes path and trail use, helmet laws on the water, special water traffic laws. It's your responsibility to know and obey the laws.
 - 3.1.10. Loose or damaged handlebar grips or extensions can cause you to lose control and fall. Unplugged handlebars or extensions can cut you and cause serious injury in an otherwise minor accident.
 - 3.1.11. Correct tightening force on fasteners –nuts, bolts, screws on your water bike is important. Too little force and the fastener may not hold securely. Too much force and the fastener can strip parts, stretch, deform or break. Either way, incorrect tightening force can result in component failure, which can cause you to lose control, fall or lost pieces on the water...
 - 3.1.12. This product users have to understand that a BIKE SURF sport practice (seated or standing) can lead to serious injuries and even death. Always respect local or federal laws. Exercise common sense while using this product.
 - 3.1.13. Do not use it alone, additional support is well recommended.
 - 3.1.14. Do not use in extreme conditions (with winds or currents, white water or dangerous tide).
 - 3.1.15. Be aware of changing weather conditions.
 - 3.1.16. Check with local authorities about weather, sea or body of water conditions.
 - 3.1.17. Do not overestimate your own abilities and do not underestimate the forces of nature.
 - 3.1.18. Be aware of your own limits.
 - 3.1.19. Always wear a licensed personal flotation device which is approved by your local authority, as CE, ISO, the Coast Guard (type 3) etc.
 - 3.1.20. This BIKE SURF has been designed for a domestic use only. Not for a commercial use. Do not use this product for other purposes than those intended. Any commercial, public or corporate use cancel every guarantee.
 - 3.1.21. Deflate the board when it stays on in direct sunlight.
 - 3.1.22. Sandy environment can damage the water BIKE SURF.
 - 3.1.23. Do not dive headfirst from your BIKE SURF.
 - 3.1.24. Do not use the water bike nearby reefs or rocks or others elements likely to damage the bike.
 - 3.1.25. Do not use your BIKE SURF in white water.



- 3.1.26. This BIKE SURF has not been designed to be towed by a boat.
- 3.1.27. No not drink alcohol, do not take drugs, before or during the product use.
- 3.1.28. The use of this product requires skills and a good physical condition.
- 3.1.29. It has to be used by confirmed swimmers only.
- 3.1.30. Do not to use only the board on the water without the frame, it can be very dangerous and may result in serious injury or death.

⚠ IMPORTANT SAFETY RULES:

- 3.1.31. Before any use of this product, the user should take some lessons in a certified school of water bikes or standing-paddle. This product should not be used by persons inexperienced in water bikes or standing-paddle.

- 3.1.32. **IMPORTANT PERSONAL FLOTATION DEVICE:** The personal flotation device is not included. Always wear a personal flotation device approved by current regulations which meets the latest certification standards and is appropriate for the type of riding you do. Always follow the helmet manufacturer's instructions for fit, use and care of your helmet. Most serious bicycle injuries involve head injuries which might have been avoided if the rider had worn an appropriate helmet. If you have any questions regarding correct helmet fit, use or care please ask to our Red Shark Team.

- 3.1.32.1. **PERSONAL FLOTATION DEVICE BUYING GUIDE:** Always use with an experienced partner.

Firstly, it is important to know the difference between personal flotation device and buoyancy aids. The buoyancy aids only help to float and imply to know swimming. The personal flotation device will turn most persons who are floating face down in the water (for example, because they are unconscious) into a face up orientation with their bodies inclined backward. The personal flotation device has to be standardised at 10 Newton minimum, to have a whistle and reflective stripes to make you easy to spot in case of an issue. The European standard classifies and certifies the personal flotation devices according to their buoyancy for a 70 kg person.

The buoyancy measurement is in Newton (N). There 4 levels of certification: 50N,100N,150N and 275N. Higher the buoyancy index is, better is the protection. From 100N we use the term « personal flotation device », under this number it is called « buoyancy aid ». For the BIKE SURF practice, the required buoyancy index is 50N, this buoyancy aid will keep respiratory tracts out of the water for a conscious person who knows how to swim. Users who don't know how to swim (or badly) have to wear a 70 N personal flotation device at least, whatever the practice – even in BIKE SURF.

- 3.1.33. Be careful when you go on the water bike from the harbour, boat or similar places...: Use a helmet and column protection to protect your body if you fail.

⚠ WARNING: Failure to wear a personal flotation device and the helmet may result in serious injury or death.

⚠ WARNING: Never use the inflatable board without the frame on it. The inflatable board is not a toy, to use only the board in the water without the frame, it can be very dangerous and may result in serious injury or death.

⚠ IMPORTANT WEATHER CONDITIONS:

- 3.1.34. Respect the Coast Guard rules and regulations when you are using the product.
- 3.1.35. Do not use in offshore wind conditions (wind from the land to the sea).
- 3.1.36. Do not use over 10 Knot of wind.
- 3.1.37. The use of the product in windy conditions can leads to serious injuries or death.
- 3.1.38. Be careful when you carry your BIKE SURF, windy conditions can lead to serious injuries for you and entourage.
- 3.1.39. Do not use in case of storm or lightning .
- 3.1.40. Do not use in conditions that you cannot handle (surf, currents or white water).
- 3.1.41. Do not use close to any crafts in circulation.
- 3.1.42. Do not use near crowded beaches or in white waters.



3.2. RIDING SAFETY:

3.2.1. Obey all Rules of the water and all local laws.

3.2.2. Before you get on a water bike Water sports clubs and schools are recommended to do learning courses about local water laws.

⚠ **IMPORTANT** Always do the Mechanical Safety Check before you get on a water bike.

3.2.3. Be thoroughly familiar with the controls of your bicycle and pedals.

3.2.4. Be careful to keep body parts and other objects away from the propeller and ruder, and the moving, the turning pedals and cranks, of your water bicycle.

3.2.5. Wear:

Make sure that all your clothes elements (shoelaces, t-shirts... doesn't get tangled or cannot get into moving parts.

⚠ **WARNING:** clothes elements tangled or into moving parts in to your water bike when riding if you fall off in to the water may result in serious injury or death.

Bright, visible clothing that is not so loose that it can be tangled in the water bicycle or snagged by objects at the side of the water or coast.

Protective eyewear, to protect against airborne dirt, dust and bugs — tinted when the sun is bright, clear when it's not.

3.2.6. You are sharing the water with others — boats, swimmers and other. Respect their rights.

3.2.7. Ride defensively. Always assume that others do not see you.

3.2.8. Look ahead, and be ready to avoid:

With your water bike , always get away from swimmers, children or pets playing on the water near you.

Floating objects, rocks, ropes, and other obstructions objects, could cause you damages to your water bike and cause you to have an accident.

Get away from boats on movement or turning, entering the water or crossing your lane , or coming behind you.

Be careful with many other hazards and distractions which can occur on a water bicycle ride.

⚠ **WARNING:** Distractions which can occur on a water bicycle ride may result in serious injury or death.

3.2.9. Ride in designated water areas, on designated for water bike paths and in the direction of traffic flow or as directed by local governing laws. Obey all other water traffic signals and signs.

3.2.10. Don't weave through water traffic or make any moves that may surprise people with whom you are sharing the water.

3.2.11. Never ride with headphones. They mask water traffic sounds and emergency vehicle sirens, distract you from concentrating on what's going on around you, and their wires can tangle in the moving parts of the water bicycle, causing you to lose control.

3.2.12. Never carry anything which obstructs your vision or your complete control of the bicycle, or which could become entangled in the moving parts of the water bicycle.

3.2.13. Never hitch a ride by holding on to another vehicle.

3.2.14. Never ride your bicycle in bad weather, waves, wind, water currents, or when visibility is obscured, at dawn, fog or in the dark, or when extremely tired. Each of these conditions increases the risk of accident.

3.2.15. Don't ride alone in remote areas. Even when riding with others, make sure that someone knows where you're going and when you expect to be back.

3.2.16. Be prepared. If something goes wrong while you're riding on the water, help may not be close.

3.2.17. **Night Riding:**

Riding a water bicycle at night is much more dangerous than riding during the day. A water bicyclist is very difficult to see. Therefore, children should never ride at dawn, at dusk or at night. Adults who chose to accept the greatly



increased risk of riding at dawn, or at night need to take extra care both riding and choosing specialized equipment which helps reduce that risk. Consult our Red Shark Team about night riding safety equipment.

- ⚠ **WARNING:** Reflectors are not a substitute for required lights. Riding at dawn, at dusk, at night or at other times of poor visibility without an adequate water lighting system and without is dangerous and may result in serious injury or death. If you choose to ride under conditions of poor visibility, check and be sure you comply with all water local laws about night riding, and take the following strongly recommended additional precautions:
- Purchase and install lights which meet all regulatory requirements and provide adequate visibility.
 - Wear light colored, reflective clothing and accessories, such as a reflective vest, reflective arm and leg bands, reflective stripes on your helmet, flashing lights attached to your body and/or your water bicycle ... any reflective device or light source that moves will help you get the attention of approaching boats, objects...
 - Make sure your clothing or anything you may be carrying on the water bicycle does not obstruct a reflector or light.
 - Make sure that your bicycle is equipped with correctly positioned and securely mounted lights.

3.3. EXTREME, STUNT OR COMPETITION RIDING:

Whether you call it riding in a bad weather conditions, with water stream, with waves, with wind, Racing or something else: if you engage in this sort of extreme, aggressive riding you will get hurt, and you voluntarily assume a greatly increased risk of injury or death. The water bicycles are designed for these types of riding, and those that are may not be suitable for all types of aggressive riding. Check with your dealer or the water bicycle's manufacturer about the suitability of your water bicycle before engaging in extreme riding. Have your water bicycle and equipment carefully inspected by a qualified mechanic and be sure it is in perfect condition. Consult with expert riders, area site personnel and race officials on conditions and equipment advisable at the site where you plan to ride. Wear appropriate safety gear, Ultimately, it is your responsibility to have proper equipment and to be familiar with course conditions.

- ⚠ **WARNING:** Although many catalogs, advertisements and articles about water bicycling depict riders engaged in extreme riding, this activity is extremely dangerous, increases your risk of injury or death, and increases the severity of any injury. Remember that the action depicted is being performed by professionals with many years of training and experience. Know your limits and always wear appropriate safety stuff. Even with state-of-the-art protective safety support, you could be seriously injured or killed during that moments or in competition.

We do not recommend this type of riding because of the increased risks; but if you choose to take the risk, at least:

3.3.1. Take lessons from a competent instructor first.

3.3.2. Start with easy learning exercises and slowly develop your skills before trying more difficult or dangerous riding.

3.3.3. Use only designated areas

3.3.4. Wear safety elements.

3.3.5. Understand and recognize that the stresses imposed on your water bike by this kind of activity may break or damage parts of the water bicycle and void the warranty.

3.3.6. Take your water bicycle to our Red Shark technical Centre if anything breaks or bends.

Do not ride your bicycle when any part is damaged. You know the limits of your skill and experience. Ultimately, avoiding injury is your responsibility.

- ⚠ **WARNING:** If you see any Red Shark Bikes catalogues, advertisements, videos and articles etc..., biking in extreme conditions or not following the rules from this manual users, Please do not try to copy them our used as a safety reference. They are done by experts. Remember that the action depicted is being performed by professionals with many years of training and experience and special assistance.



3.4. CHANGING COMPONENTS OR ADDING ACCESSORIES:

There are many components and accessories available to enhance the comfort, performance and appearance of your water bicycle. However, if you change components or add accessories, you do so at your own risk. The water bicycle's manufacturer may not have tested that component or accessory for compatibility, reliability or safety on your water bicycle. Before installing any component or accessory, make sure that it is compatible with your water bicycle by checking with our Red Shark bikes team. Be sure to read, understand and follow the instructions that accompany the products you purchase for your water bicycle.

- ⚠ **WARNING:** Failure to confirm compatibility, properly install, operate and maintain any component or accessory can result in serious injury or death.
- ⚠ **WARNING:** Changing the components on your water bike with other than genuine replacement parts may compromise the safety of your water bicycle and may void the warranty. Check with your dealer before changing the components on your water bike.

3.5. LEGALLY BINDING OF THE CONVENTION:

In the event of death or in case of incapacity, this Agreement will enter into force and binds you heirs, close relatives, executors, administrators, beneficial owner or representative. USE AGREEMENT In case of use of the product, you approve the whole recommendations and prescriptions in this manual. Any other written or oral claim will not be considered.

3.5.1. RISK-TAKING:

By buying and using this product, you accept:

3.5.1.1. To be related to the conditions stated.

3.5.1.2. Require anyone using this product to be related to these terms. If you refuse to be related to these terms, please return this product unused for a full refund. This product use and his components involve some risks which can lead to serious injuries and death. By using this product you freely assume and accept every known and unknown risks of injuries related to the use of these equipment. The risks related to this sport can be significantly reduced by respecting safety precautions enumerated in this manual and exercising your common sense.

4. RECEPTION OF THE PRODUCT:

4.1. BEFORE TO OPEN THE RED SHARK WATER BIKE BOX:

- ⚠ **PLEASE NOTE:** In the event of transport damage, please unpack the appliance immediately. Damages must be confirmed in writing by the supplier, otherwise no compensation claims will be accepted.
- ⚠ **WARNING:** Do not use sharp elements to open the box
- ⚠ **WARNING:** Plastic bags can be dangerous, to avoid danger of suffocation, keep all the bags away from all babies, children's, and house pets. Do not use in cribs, beds, carriages or play pens. Tear up bag before throwing away.

4.2. UNDBOXIN:

Red Shark bike Surf is an assembly fixture.

Follow Unboxing and assembly document to ease assembly and remove all transparent plastic bags.

- ⚠ **WARNING:** If you don't understand something please contact us.



5. FIRST DETAILS:

NOTE: We strongly urge you to read this Manual in its entirety before your first ride. At the very least, read and make sure that you understand each point in this section, and refer to the cited sections on any issue, which you do not completely understand. Please note that not all water bicycles have all of the features described in this Manual.

5.1. Bike fit:

- 5.1.1. Please fix the saddle and the stem and handlebars at the right height for you.
- 5.1.2. Please check the saddle and seat post securely clamped, a correctly tightened saddle will allow no saddle movement in any direction.
- 5.1.3. Do you fully understand how to operate your new bicycle? If not, before your first ride, please contact to our Red Shark technical team and explain any functions or features which you do not understand.

5.2. Safety local laws:

Do you have all the other required and recommended safety equipment? It is your responsibility to familiarize yourself with the laws of the areas where you ride, and to comply with all applicable laws.

5.3. Mechanical Safety Check:

Routinely check the condition of your water bicycle before every ride.

Nuts, bolts screws & other fasteners: Because manufacturers use a wide variety of fastener sizes and shapes made in a variety of materials, often differing by model and component, the correct tightening force or torque cannot be generalized. To make sure that the many fasteners on your bicycle are correctly tightened, refer to the torque specifications in the instructions provided by the manufacturer of the component in question. Correctly tightening a fastener requires a calibrated torque wrench. A professional bicycle mechanic with a torque wrench should torque the fasteners on your bicycle. If you choose to work on your own bicycle, you must use a torque wrench and the correct tightening torque specifications from the bicycle or component manufacturer or from your dealer. If you need to make an adjustment at home or in the field, we urge you to exercise care, and to have the fasteners you worked on checked by your dealer as soon as possible.

⚠ WARNING: Correct tightening force on fasteners –nuts, bolts, screws– on your water bicycle is important. Too little force and the fastener may not hold securely. Too much force and the fastener can strip threads, stretch, deform or break. Either way, incorrect tightening force can result in component failure, which can cause you to lose control and fall. Make sure nothing is loose, anything sound, feel or look loose? Do a visual and tactile inspection of the whole bike. Any loose parts or accessories? If so, secure them. If you are not sure, ask someone with experience to check.

- 3.3.1 **Seat post:** If your seat post has an over-center cam action fastener for easy height adjustment, check that it is properly adjusted and in the locked position.
- 3.3.2 **Handlebar and saddle alignment:** Make sure the saddle and handlebar stem are parallel to the water bike's center line and clamped tight enough so that you can't twist them out of alignment.
- 3.3.3 **Handlebar ends:** Make sure the handlebar grips are secure and in good condition. If not, have your dealer replace them. Make sure the handlebar ends and extensions are plugged. If not, please contact to our Red Shark Technical team to plug them before you ride. If the handlebars have bar end extensions, make sure they are clamped tight enough so you cannot twist them.
- 3.3.4 **Pedals and cranks:** Make sure the pedals and the pedal cranks are secure and in good condition. If not, please contact to our Red Shark Technical team and replace them. Make sure are plugged. If not, please contact to our Red Shark Technical team to plug them well before you ride and make sure they are clamped tight enough so you can't twist them.

⚠ WARNING: Loose or damaged handlebar grips or other extensions and elements from the water bike can cause you to lose control and fall. Handlebar grips or tube end-plugs shall be replaced if damaged or not in good condition. Check handlebar grips regularly for your children to ensure that adequate protection for the end of the handlebars are in place. Unplugged handlebars or extensions can cut you and cause serious injury in an otherwise minor accident.



5.4. Safety ride:

When you buckle on your personal flotation device approved by current regulations (water life jacket) or your helmet and go for your first familiarization ride on your new water bicycle, be sure to pick a controlled environment, away from boats, swimmers, other water cyclists, obstacles or other hazards. Ride to become familiar with the controls, features and performance of your new water bike.

Check out the handling and response of the water bike; and check the comfort.

If you have any questions, or if you feel anything about the bike is not as it should be, consult your dealer before you ride again.



6. PRODUCT DESCRIPTION:

ENJOY MODEL		
Full Packing LIST on attached document		
ITEM	NAME	REFERENCE
	Please see you packing list (attached document)	
FRAME group		
HANDLE group		
SEAT group		
PEDAL group		
RUDDER group		
EXTRA EQUIPMENT		
	Please see you packing list	



FITNESS model

Full Packing LIST on attached document

ITEM	NAME	REFERENCE
	Please see you packing list (attached document)	
FRAME group		

HANDLE group		

SEAT group		

PEDAL group		
RUDDER group		

EXTRA EQUIPMENT

	Please see you packing list	



ADVENTURE model

Full Packing LIST on attached document

ITEM	NAME	REFERENCE
	Please see you packing list (attached document)	
FRAME group		

HANDLE group		

SEAT group		

PEDAL group		
RUDDER group		
ADV		

EXTRA EQUIPMENT

	Please see you packing list	



7. ASSEMBLY

On the **UNBOXING & ASSEMBLY DOCUMENT** you will see step by step how to assemble all the elements of your BIKE SURF.

7.1. HULL (BOARD)

First, place the board on the ground or on a flat and safe surface. Important that the valve remains in the Upper side

7.2. Frame and Propulsion

Before positioning it, it will be necessary to screw the upper clamp of the propulsion to the place intended for this purpose in the frame itself (see image for more details).

Subsequently, it will be necessary to move the lower clamp vertically until touching the frame and screwing.

Now that the propulsion is screwed, it must be placed in the board. It is important to be careful because the space is small, and you have to check that the propeller does not collide with the board and open it or close it in the appropriate place (See image of positioning of the frame inside the board).

7.3. HANDLEBAR (09) AND STEM

Once this is done, the rudder shaft must be inserted through the upper hole in the front of the frame. It is important to respect the direction of insertion in such a way that the part of the shaft that has the six holes be in the lower part of the bike.

7.4. RUDDER SYSTEM:

Before starting to place the rudder system on the frame, it is advisable to mount it outside the set to facilitate its handling.

7.5. SEAT:

The clamp must be inserted in the upper part of the frame of the saddle box. Subsequently, the seat will be placed vertically through the cap hole until reaching the desired height and tighten the clamp.



8. FASTENER TORQUE SPECIFICATIONS:

Correct tightening torque of threaded fasteners is especially important to your safety. Always tighten fasteners to the correct torque. In case of a conflict between the instructions in this manual and information provided by a component manufacturer, consult with your dealer or the manufacturer's customer service representative for clarification. Bolts that are too tight can stretch and deform. Bolts that are too loose can move and fatigue. Either mistake can lead to a sudden failure of the bolt.

Excessive tightening will damage the element.

Always use a correctly calibrated torque wrench to tighten critical fasteners on your water bike. Carefully follow the torque wrench manufacturer's instructions on the correct way to set and use the torque wrench for accurate results.

Although all fasteners on a water bicycle are important, pay special attention to applying the correct torque to the following tightening Torques for RED SHARK BIKES:

8.1. STEM:

- 8.1.1. Handlebar clamp bolt: 5 Newtons
- 8.1.2. Carbon fiber handlebar clamp bolt: 3.9-4.9 Newtons
- 8.1.3. Steerer clamp bolt 5 Newtons

8.2. SEATPOST:

- 8.2.1. Binder bolt: M4 (1.9- 3.9 Newtons) M6: 6 newtons
- 8.2.2. Binder bolt M6 for carbon fiber frame: 4 Newtons
- 8.2.3. Seat fixing bolts: 6 Newtons

8.3. CRANK ATTACHMENT SYSTEM:

- 8.3.1. M 8 (10 Newtons)

8.4. PROPELLER:

- 8.4.1. One bolt M5 (3 Newtons)

8.5. TRANSMISSION:

- 8.5.1. Two bolts M6 (5 Newtons)
- 8.5.2. One bolt M8 (6 Newtons)

8.6. RUDDER:

- 8.6.1. Bolts (3 Newtons)

9. DISASSEMBLY

In the present point, all the elements that make up the shipment of the BIKE SURF Red Shark will be broken down.

9.1. DISASSEMBLY OF PRINCIPLE ELEMENTS:

- Board deflation
- Separate the chassis (frame) with the propulsion from the board.

9.2. DISASSEMBLY OF SECONDARY ELEMENTS:

- Saddle
- Propulsion
- Propeller
- Rudder
- Handlebar



10. TIPS FOR ASSEMBLING AND DISASSEMBLING

Below, we will explain a series of instructions or recommendations to keep in mind when using your BIKE SURF

10.1. UNFOLD THE BOARD

Choose a smooth and clean surface to unfold your board from the packaging box or bag.

10.2. INFLATION:

- Attach the pressure gauge and the pump hose to the gauge housing on the pump and secure it tightly.
- Unscrew the valve cap, push button in it to clockwise to make sure that the valve is in the "Pin Out" position.
- Start pumping air into the board by sliding the pump piston up and down,
- Inflate a little bit until you can fix the frame on the right position.
- Inflate and then reach the required pressure. The pressure recommended is **13/14PSI**.
TIP: If the pump piston starts to squeak, apply some spray silicone on the piston shaft

Now it is time to pump up your Red Shark Bikes SUP.

Having an inflatable board is ideal for travel and makes storage super easy, plus it only takes about 5-10 mins to pump up and you can do it yourself.

To get started, you want to make sure that the valve lock on your SUP is in the right position. The valves are two way, so when the lock is raised, air can only get in and not back out so make sure the lock is raised when you are pumping up your board.

To attach the pump to the board, slot the threads on the pump into the grooves on the board and twist to lock into place. When you begin pumping, you won't see the pressure gage begin to move until the board has taken on its full shape so don't worry if you don't see any readings right away.

Around 0,1 PSI the board will start to feel the shape, it's time to introduce the frame in the holes.

The pump is a two-way system meaning you are pumping air into the board both when you push it down but also when you pull it back up. This means you are inflating your board twice as quickly which works wonderfully until you hit around 10 PSI. After this point it can get a bit more difficult so to make it a bit easier on yourself, you can switch the pump to a single valve for the last 3 PSI.

Around 10 PSI the board will start to feel very rigid, and it may seem as though it is fully inflated, do keep going however until you reach 13 PSI. This is what the board was designed for and what will give you the best.

Once the board is fully inflated, remove the pump (don't worry, as long as you have the valve lock into the raised position no air will escape although you will hear a slight hiss) and place the cap over the valve. Then just pop on the fin, and the rudder in vertical position.

IMPORTANT: MINIMUM **13 psi** operation and MAXIMUM OF **15 psi** (do not over inflate beyond 13psi)

If the board is going to be in a warm environment, slightly deflate the board and allow the heat from the sun to increase the internal pressure. When paddling, the colder temperature of the water may cause a slight loss in chamber pressure. It is a good idea to carry a pump with you so that you can add some air to the chambers if necessary.

10.3. BOARD DEFLATION:

- Clear any water or debris out of the valve areas.
- Slowly press down on the valve stem to start letting air out of the board.
- There will be an initial burst of air, but that will slow down very quickly.
- Once the air flow has slowed down, press the valve stem all the way down and turn it clockwise to lock it into the "OPEN" position.



- To deflate your board, first remove the fin, then remove the cap over the valve and push the valve lock down and twist to let all the air out. Once fully deflated, you can fold up your board for storage or travel, making sure you start with the nose and leave the valve open to force out any remaining air.

10.4. INFLATABLE VALVE SEALING WASHER BLOW-OUT

For leakage on the valve cover:

- A. Use wrench (n) to disassemble the valve and check the position.
- B. Valve's position deviate:
 - Find out the correct position;
 - Cut out the extra trim edge;
 - Put an extra seal ring on top.
 - Assemble the valve back and charge to recommended air pressure.
- C. No deviation:
 - Clean the thread on the surface of the base or inner part.
 - Assemble the valve back.
 - Inflate the SUP until it's flat.
 - Tighten the valve further and inflate to recommended air pressure.

For air leak from inside the valve:

- A. Disassemble the valve and check the position.
- B. Disassemble the sealing rubble on the valve and clean both.
- C. Assemble the valve back.
- D. Inflate the SUP until it's flat.
- E. Tighten the valve further and inflate to recommended air pressure.

11. FIT:

NOTE: Correct fit is an essential element of water bicycling safety, performance and comfort. Making the adjustments to your water bicycle which result in correct fit for your body and riding conditions requires experience, skill and special tools.

⚠ **WARNING:** If your water bicycle does not fit properly, you may lose control and fall.

11.1. STANDOVER HEIGHT:

Standover height is the basic element of water bike fit, is determined by saddle height range. You must be able to adjust your saddle position without exceeding the limits set by the height of the top of the seat tube and the "Minimum Insertion" or "Maximum Extension" mark on the seat post.

11.2. SADDLE POSITION:

Correct saddle adjustment is an important factor in getting the most performance and comfort from your water bicycle. If the saddle position is not comfortable for you, see your dealer.

The saddle can be adjusted in three directions:

Up and down adjustment. To check for correct saddle height:

- Sit on the saddle.
- Place one heel on a pedal.
- Rotate the crank until the pedal with your heel on it is in the down position and the crank arm is parallel to the seat tube.
- If your leg is not completely straight, your saddle height needs to be adjusted. If your hips must rock for the heel to reach the pedal, the saddle is too high. If your leg is bent at the knee with your heel on the pedal, the saddle is too low. Ask your dealer to set the saddle for your optimal riding position and to show you how to make this adjustment. If you choose to make your own saddle height adjustment:
 - Loosen the seat post clamp.
 - Raise or lower the seat post in the seat tube • make sure the saddle is straight fore and aft.
 - Re-tighten the seat post clamp to the recommended torque.



Once the saddle is at the correct height, make sure that the seat post does not project from the frame beyond 11 its “Minimum Insertion” or “Maximum Extension” mark. The seat post should always be inserted in the frame at least 80mm.

⚠ **WARNING:** A seat post that is positioned too high can damage the bike and can cause you to lose control and fall. Make sure the seat post is inserted in the frame at least 80mm.

NOTE: Some bicycles have a sight hole in the seat tube, the purpose of which is to make it easy to see whether the seat post is inserted in the seat tube far enough to be safe. If your bicycle has such a sight hole, use it instead of the “Minimum Insertion” or “Maximum Extension” mark to make sure the seat post is inserted in the seat tube far enough to be visible through the sight hole.

⚠ **WARNING:** If your seat post is not inserted in the seat tube, the seat post may break, which could cause you to lose control and fall.

- **FRONT AND BACK ADJUSTMENT:** The saddle can be adjusted forward or back to help you get the optimal position on the bike. Ask your dealer to set the saddle for your optimal riding position and to show you how to make this adjustment. If you choose to make your own front and back adjustment, make sure that the clamp mechanism is clamping on the straight part of the saddle rails and is not touching the curved part of the rails, and that you are using the recommended torque on the clamping fastener(s).
- **SADDLE ANGLE ADJUSTMENT:** Most people prefer a horizontal saddle; but some riders like the saddle nose angled up or down just a little. Your dealer can adjust saddle angle or teach you how to do it. If you choose to make your own saddle angle adjustment and you have a single bolt saddle clamp on your seat post, it is critical that you loosen the clamp bolt sufficiently to allow any serrations on the mechanism to disengage before changing the saddle’s angle, and then that the serrations fully re-engage before you tighten the clamp bolt to the recommended torque.

⚠ **WARNING:** When making saddle angle adjustments with a single bolt saddle clamp, always check to make sure that the serrations on the mating surfaces of the clamp are not worn. Worn serrations on the clamp can allow the saddle to move, causing you to lose control and fall. Always tighten fasteners to the correct torque. Bolts that are too tight can stretch and deform. Bolts that are too loose can move and fatigue. Either mistake can lead to a sudden failure of the bolt, causing you to lose control and fall.

Small changes in saddle position can have a substantial effect on performance and comfort. To find your best saddle position, make only one adjustment at a time.

⚠ **WARNING:** After any saddle adjustment, be sure that the saddle adjustment mechanism is properly tightened before riding. A loose saddle clamp or seat post binder can cause damage to the seat post, or can cause you to lose control and fall. A correctly tightened saddle adjusting mechanism will allow no saddle movement in any direction. Periodically check to make sure that the saddle adjusting mechanism is properly tightened.

⚠ **WARNING:** Tightening the aluminum bolt too tightly may cause it fail whilst riding with the result of the saddle coming loose. In case of any doubt: have the bolt checked by your local dealer.

If, in spite of carefully adjusting the saddle height, tilt and fore-and-aft position, your saddle is still uncomfortable, you may need a different saddle design. Saddles, like people, come in different shapes, sizes and resilience. Your dealer can help you select a saddle, which when correctly adjusted for your body and riding style, will be comfortable.

⚠ **WARNING:** Some people have claimed that extended riding with a saddle which is incorrectly adjusted, or which does not support your pelvic area correctly can cause short-term or long-term injury to nerves and blood vessels, or even



impotence. If your saddle causes you pain, numbness or other discomfort, listen to your body and stop riding until you see your dealer about saddle adjustment or a different saddle.

- **HANDLEBAR HEIGHT AND ANGLE:** Your water bike is equipped either with a “threadless” stem, which clamps on to the outside of the steerer tube, you may be able to change handlebar height by moving height adjustment spacers from below the stem to above the stem, or vice versa. Otherwise, you will have to get a stem of different length or rise. Consult your dealer. Do not attempt to do this yourself, as it requires special knowledge.
Some water bikes are equipped with an adjustable angle stem. If your water bicycle has an adjustable angle stem, ask to our Technical team to show you how to adjust it. Do not attempt to make the adjustment yourself.

- ⚠ **WARNING:** A quill stem’s Minimum Insertion Mark must not be visible above the top of the headset. If the stem is extended beyond the Minimum Insertion Mark the stem may break or damage the fork’s steerer tube, which could cause you to lose control and fall.
- ⚠ **WARNING:** Always tighten fasteners to the correct torque. Bolts that are too tight can stretch and deform. Bolts that are too loose can move and fatigue. Either mistake can lead to a sudden failure of the bolt, causing you to lose control and fall.
- ⚠ **WARNING:** An insufficiently tightened stem clamp bolt, handlebar clamp bolt or bar end extension clamping bolt may compromise steering action, which could cause you to lose control and fall. Place the bottom ruder of the water bicycle and attempt to twist the handlebar/stem assembly. If you can twist the stem in relation to the bottom ruder, turn the handlebars in relation to the stem, or turn the bar end extensions in relation to the handlebar, the bolts are insufficiently tightened.

12. BEFORE RIDING:

Before going through all the information regarding assembly and transportation, other important information to know is below:

12.1. OBLIGATIONS:

- Always check the weather report before leaving.
- Plan the exit according to the expected conditions and wear appropriate clothing.
- Use a regulatory lifejacket or approved buoyancy element.
- Always use thermal and solar protective clothing and protect yourself from the sun and from solar radiation.
- Always use the BIKE SURF in favorable weather conditions, and in case of anticipation of possible climate changes, dismiss the exit. Browse only in insurance environments.
- Avoid using the BIKE SURF with wind.
- Do not exceed your cycling ability; consider your limitations.
- Do not drink alcohol or drugs before or during the use of this product.
- Take a comfortable seat position with handlebars, facing forward.
- Always use the bike in the company of others.
- Always use a rope that connects you to the BIKE SURF
- Avoid leaving or leaving with the trimaran if your physical condition is not good, is bad or is in poor form.
- Tell a friend the exact route of your water bike trip and the expected return time.
- Carry a communication device such as a phone or similar as a VHF radio with the battery charged and protected to water.
- Know your limits, especially when navigating unknown waterways.
- Check your equipment before launch for signs of wear or damage.
- Check the air pressure from the board: recommended is 13/15 PSI.
- Before starting the route, make sure that:



- The rear fin is on the correctly position (closed clasp).
- The propeller in horizontal position.
- The vertical rudder with the front clip attached.
- Avoid rocks, sharp submerged objects, floating elements and dirt that can damage the board or propeller of your BIKE SURF.
- Avoid approaching working boats, especially ship stelaes.
- Never move too much the weight of your body towards the side of the bicycle, it could tip over sideward.
- If you have a person nearby in the water swimming: Do not pass over him. Always be 4 meters away from him. Collision with the BIKE SURF to somebody, can cause injuries.
- No one should touch the propeller if somebody are turning the pedals (inside or outside the water).
- Minors must always be watched closely by an adult and should always go for depths less than their waist.
- Never wear clothing that may become entangled with any protruding element of the bicycle, if it overturns and stays stuck under the water, it could drown it.
- It's forbidden to use the water bicycle with people who cannot swim.
- Do not sail with the BIKE SURF to a depth less than 50 cm
- Do not sail with the BIKE SURF in waters with elements that could damage the propellers.
- Do not overload the trimaran with more than one person.
- Do not sailing at night if it's not with additional support (special areas with lights and other legal elements)
- Avoid large tides or boat trails hitting your bike since this could tip your trimaran.
- Do not drag the trimaran by abrasive surfaces or with edges such as stairs, steps, edges or any other rough surface that could damage it.
- If you have no experience, or you are not very skilled, never go alone or in areas, which are deeper than your waist.

12.2. MAXIMUM WEIGHT:

The maximum weight refers to the maximum load recommended by the manufacturer. This product has been designed for the simultaneous use of a single person; the weight of the user must be between 40 Kg and 110 Kg. The maximum number of people 1 recommended by the manufacturer is considered as the number of people for whom the BIKE SURF has successfully passed stability requirements and floatation

It is not recommended to add extra weights in any area of the BIKE SURF. The total weight of the user and the extra elements used by him must never exceed the maximum load (150Kg). Placing heavy loads or modifying the centre of gravity will have a negative effect on stability.

12.3. STABILITY:

Changes in the vertical position of the mass on board, breaking waves or elements in poor condition can significantly affect the stability of the product. Do not alter, drill or make definitive changes to the BIKE SURF that may affect stability or buoyancy without written authorization from the builder

12.4. LIFEJACKET:

A life jacket can save your life, but only if you wear it. The use of an approved buoyancy element is mandatory while using the BIKE SURF.

Check the lifejackets status regularly. Try the life vests before going out with the BIKE SURF and adjust them so they feel good. Read the label on the life jacket and follow the instructions to the letter.

12.5. DRUGS AND NAVIGATION



Do not operate the BIKE SURF while under the influence of drugs or alcohol. The combination of noise, vibration, sun and wind could cause fatigue when sailing. The effects of alcohol are stronger at sea than on land. Drugs and navigation do not combine well. Operating any BIKE SURF under the influence of alcohol or other drugs is dangerous and illegal. Decreased vision or judgment in water can quickly lead to disaster.

Know the conditions of your BIKE SURF and the environment you plan to operate.

Prepare a guide or detailed description of your itinerary and inform others when you plan to return.

Secure or store loose items before starting up.

Avoid sudden maneuvers.

12.6. INFLATE THE BIKE SURF

12.6.1. First inflation

First STEP 1 PSI

SECOND: The pressure recommended is **13/15 PSI**.

- Throughout the first inflation, we recommend to inflate the BIKE SURF in a room with ambient temperature: PVC will be more flexible and easier to assemble.
- If the BIKE SURF has been stored in cold room (less than 0°C/32°F) put it in a hotter place (20°C/68°F) for 12 hours before to unfold it.
- Inflate the SUP with the high-pressure pump supplied with your BIKE SURF. This pump has an adaptor provided for the BARD's valve.

12.6.2. Valve functioning:

- The inflation valve is at the board's back, it has to be closed so the board can be inflated.
- Be sure that the valve stem is upwards. If the stem is downwards, push it slightly until it pulls up in the waterproof position,
- Lock the valve cover once the inflation is over. It will avoid any unintended deflation and will also avoid insertion of particles in the inner tube.

12.6.3. Inflation sequence:

1. Be sure that the valve stem is ok and on closed position.
2. Check that the hose is attached in to the pump.
3. Connect the nozzle to the BIKE SURF's valve by doing a quarter turn to attach it.
4. Inflate the board by pumping (STEP one 1 PSI and final PRESSURE).
5. Therefore, inflate your BIKE SURF for several minutes before the pressure gauge needle goes off.

⚠ WARNING: The use of a compressor can seriously damage your board and cancelled guarantee.

12.6.4. Advices and inflating precautions:

- The board has to be inflated with a manual pump for BIKE SURF or SUP.
- Do not use compressors to inflate your BIKE SURF.
- Always check the pressure before using your BIKE SURF. Over time, the inner tube is going to lose air, hence, check before using it.
- 24hours before using your BIKE SURF, inflate it to check if it is airtight. If you see an important pressure decrease, read the instructions «Leaks detection» in the repair section of this manual.
- Do not over inflate. The maximum pressure recommended is 13/15PSI.
- Do not let your BIKE SURF in direct sunlight for a long time when it is fully pressured. If the BIKE SURF is used in an hot or sunny environment, release some air from the board. Inflate at the proper PSI before using. The water temperature can also leads to an air loss in the inner tube. Putting your BIKE SURF in the water for few minutes can



be a good way to adapt it at its new environment, then check the inner tube pressure again. It would be a good idea to keep a pump and a pressure gauge with you so you can add some air in the inner tube if needed.

⚠ WARNING: If you let your BIKE SURF exposed to the direct sunlight, deflate it to avoid an excessive stretch of the material. The ambient temperature affect the pressure level in the inner tube : a 1°C/1,8°F variation leads to a pressure variation in the inner tube $\pm 4\text{mBar}$ (0,06PSI)

12.7. FIN ASSEMBLY:

The fin can be put up after the board inflation. The fin is in a case, you can attach it thanks to a wedge :

1. Put the fin's back in the rail of the board's case.
2. Slide it backwards until you reach the rail's bottom.
3. Slide the wedge in the slot between the aileron and the case.
4. The fin is installed.

12.8. BOARD DEFLATION AND STORAGE:

1. Clean the valve area before to open it.
2. Push the valve stem to release some air from the BOARD so you can release the higher pressure. Once the pressure has decreased, you can turn the valve clockwise to lock it in the open position.
3. Remove the fin. Let the valve open while you are rolling the product towards the valve.
4. Close the valve to avoid any mildews or residues entering the inner tube.
5. DO NOT keep a wet board in his storage bag more than 1 day. As soon as possible, unroll it and let it dry.
6. Clean your board only with clear water. If some stains persist you can clean it with soapy water.

12.9. CARE AND STORAGE:

- When you store your water bike , do not expose it to direct sunlight or to bad weather conditions.
- Before storing your BIKE SURF, rinse it and let it dry to avoid mildews accumulation.
- Clean the water bike with clean and fresh water and lightly lubricate all the metal elements with a good quality bicycle lubricant. Wipe off excess lubricant with a lint-free cloth. Lubrication is a function of climate. Talk to our Red Shark team about the best lubricants and the recommended lubrication frequency.
- DO NOT use harsh chemicals to clean your BIKE SURF. Most of stains can be removed with mild soap and water. You can store your BIKE SURF either inflated or deflated.
- If you store your BIKE SURF outside, do not let it in direct contact with the floor and cover it to avoid natural elements exposure.
- We DO NOT recommend you to hang your BIKE SURF.
- Store your BIKE SURF in a clean and dry area.
- BIKE SURF original box, carrying bags... can protect your product during storage.

12.10. LEAK DETECTION AND REPAIR:

A leaking valve is rare, but if you do find a leak we can send you a replacement valve. To locate a leak, we recommend mixing soap and water in a spray bottle, spray around the valve. If you see bubbles forming, check your valve seating and base and be sure the valve insert is screwed tight. If the board is losing air and all the valves are good, it probably has a small puncture. Small punctures can be repaired easily and permanently. Spray around the board until air bubbles become visible and mark the position of the leak.

- Punctures less than 1/8" in size can be repaired simply without a patch. Deflate your board, then clean and dry the area to be repaired. Apply a small drop of glue to cover the puncture, and let it dry 12 hours.
- Cut a piece of repair material large enough to overlap the damaged area by approximately 1.5cm (1/2"), and round off the edges.



- Apply glue to the under side of the patch and around the area to be repaired. Too much glue will interfere with a proper repair.
- Allow adhesive to become tacky for 2-4 minutes, and then starting at one corner and working outward, carefully apply the patch to the repair area using very firm pressure. Rub the entire patch area and the edges of the patch using very firm pressure. Allow to cure for at least 12 hours before inflating and using.

13. GUIDE FOR THE PLACEMENT OF THE BIKE SURF ON THE WATER:

- Once the board is inflated and the frame on the right position,
- Make sure that the propeller is horizontal so as not to damage it. Helix does not need to be touched since it will move by its own rotation.
- Put the bike on the water to a comfortable position to finish making the last adjustments.
- Put rudder on the right position (perpendicular).
- Slide in the large Center Fin to the fin base and insert the push-in pin
- Use the using the bold ring clasp so that the rudder blade can lower to its correct position.
- Using the front handle and transport the BIKE SURF to the water depth of more than 0.6 m,
- It is important that another strong person, always strongly holds the bike so that you can get on without having it unbalanced, until you are stabilized on the correct position on top of the water bike.
- While on the beach, the most comfortable way to get on the bike will be from side or back. Whether sitting or supporting only one foot, we will use the central area of the board specially designed for it, trying not to lean on the other areas. Important to placing all our weight in the central part of the BIKE SURF to avoid capsizing.
- If you want to climb on the water bike while standing on a platform, you should ideally access from the SIDE, placing one foot on the board center and quickly move to the middle of the helmet or sit directly on the saddle. In this case it is important to bear in mind that the less time we are in between this action, the better because, depending on our weight, we could make the bike tip over.

IMPORTANT: Be sure to place and navigate with the Red Shark in areas deeper than 0.60 m

13.1. GUIDE TO PICK UP THE WATER BIKE:

- When you are at a depth of less than 0.6 m, stop pedaling and carefully descend from the water bicycle.
- Whenever you maneuver the BIKE SURF out of the water, make sure that the propeller is horizontal so as not to damage it.
- The rudder blade must be in its closed position (using the bold ring clasp) to the place of use (dock, shore, beach).
- Remove the fin.
- Using the front handle and transport the BIKE SURF to the edge of the beach.
- Recommended: Using the front handle and the rear wheels (extra equipment), for transport the bike in to the land.

13.2. GUIDE TO UNRAVEL THE BIKE:

If for any reason, during navigation, the water bike turns over, especially keep calm. If you can please move the overturned your water bicycle instead of the depth being less than one meter. In no case will the bike sink.

- Place your body on the side of the overturned water bike.
- Hold the board or the frame with your hands.
- Push the body backwards to turn the bike to its correct position.
- Climb carefully over the rear board of your water bike.

IMPORTANT: Above all, it is important that, when carrying out the turning movement of your water bike, be careful that the rudder propeller, fin, frame... does not hit you.

PRACTICE THIS ACTION several times previously in a safe place before starting this sport, to be fluent.





⚠ **WARNING:** If you are in a cold-water area, always wear a wetsuit to protect yourself from cold water. Hypothermia can cause serious injury or death.



14. WATER BIKE AS A STAND UP PADDLE (only with the STAND UP Paddle KIT (2 in 1):

If you want to use the water bike as a Stand Up Paddle, it's mandatory to use the STAND UP Paddle KIT (2 in 1) Not included because is an extra equipment, This Kit it will close the two holes that are in the center of the board, it will give you less turbulences in the two central holes and more stability. Without this holes closed, it can be very dangerous element, because you can get stuck with your body with the board holes and fall down. Forbidden to use the inflatable board without this kit.

- ⚠ **WARNING:** Never use the inflatable board without the frame on it or the STAND UP Paddle KIT (2 in 1) not included (extra equipment). The inflatable board is not a toy, to use only the board in the water without this kit, you can get stuck with your body with the board holes and fall down. It can be very dangerous and may result in serious injury or death.

15. INSTRUCTIONS FOR TRANSPORT AND STORAGE

It will be necessary to see the indications when transporting the BIKE SURF or when it is stored for a long time.

15.1. Transport:

To carry out the transport of the BIKE SURF, it will be necessary to take into account the following:

- Put the rudder blade with transport position for it to avoid unnecessary knocks and possible breakage of the rudder system.
- Remove the fin.
- Ensure that the propeller is always horizontal or removed.
- Secure the BIKE SURF to the transport element, avoiding possible falls or landslides.

15.2. STORAGE:

To store the BIKE SURF, it will be necessary to take into account the following:

- Clean with fresh water after use and dry it.
- Once dry, lubricate the pedals and all the sets of bolts on the saddle, handlebars and locks.
- Take the rudder blade with the rope intended for it.

Red Shark Bikes (Inflatable Board) has applied premium fabric to provide superior protection from ultraviolet light. However, to ensure extra years of flexibility and bright colors, avoid storing the board where it will be exposed to weather or in direct sunlight. Please review the following list for storage and board care tips.

- Before storing, hose off the board and let it dry completely to prevent mildew buildup
- If used in sea water, wash the board with fresh water before storing.
- Do not use harsh chemicals for cleaning. Most dirt can be removed with a mild soap and fresh water.
- You may store the board inflated or deflated. If you deflate the board, we recommend that you store it in the protective bag that came with the board.
- If storing the board outdoors, raise it up off the ground and cover it with a tarp to prevent exposure to the sun.
- Hanging the board is not recommended.



- Do not store in extreme conditions (i.e. above 66°C/150°F or below -23°C/-10°F).
- Store in a clean and dry place.

16. WHAT TO LOOK FOR:

9.1 LOOSING AIR PRESURE: (LEAKS DETECTION)

If you notice a pressure loss, not due to lower temperatures, first check the valve. To detect a leak we recommend you to spray some soapy water around the valve. If you notice bubbles, first check that the valve is properly installed. If you still have issues, you may have to order a new valve. The valve can be tighten, loosen or replaced thanks to the valve spanner supplied with your BIKE SURF.

9.1.1 REPAIR YOUR BOARD

Your new board has been made with sustainable PVC. In case of tear or perforation PVC is easy to fix like any repair on your Board with your the repair kit. Read the section below to know how to detect leaks and fix them.

9.1.2 REPAIRS :

You can fix small punctures thanks to the material supplied in your repair kit (NB : glue is not supplied). Use a PVC glue that you will find in any hardware or sport store. To fix your Board in optimal conditions, relative humidity has to be under 60 % and the temperature between 18°C and 25°C or 64,4°F and 77°F. Avoid repairing your Board under the rain or in full sun. Check that the inner tube is deflated and flat.

1. Cut a patch 5 cm bigger than the surface to fix.
2. Clean the damaged area and the patch with an alcoholic solution. Let it dry for at least 5 minutes.
3. Apply 3 layers of glue on the patch and on the damaged area, let it dry for 5 minutes between each layer.
4. When the third layer is dry apply, without pressing, the patch and adjust it.
5. If there are some air bubbles, press outwards with a curved tool (a spoon for example) to eliminate them.
6. Clean excess glue with solvent.
7. Let it dry for about 12 hours.

⚠ WARNING : Fix your BIKE SURF in a ventilated area. Do not inhale glue vapors. Do not ingest. Avoid eyes or skin contact with the glue. Keep you repair kit away from children.

9.2 ONCE A CRACK STARTS IT (IN ANY PART) CAN GROW AND GROW FAST:

Think about the crack as forming a pathway to failure. This means that any crack is potentially dangerous and will only become more dangerous.

SIMPLE RULE 1:

If you find crack, replace the part

16.1. CORROSSION SPEEDS DAMAGE:

Cracks grow more quickly when they are in a corrosive environment. Think about the corrosive solution as further weakening and extending the crack.



SIMPLE RULE 2:

Clean your bike, lubricate your bike, protect your bike from salt, and remove any salt as soon as you can.

16.2. STAINS AND DISCOLORATION CAN OCCUR NEAR A CRACK:

Such staining may be a warning sign that a crack exists

SIMPE RULE 3:

Inspect and investigate any staining to see if it is associated with a crack.

16.3. SIGNIFICANT SCRATCHES, GOUGES, DENTS OR SCORING CREATE STARTING POINTS FOR CRACKS

Think about the cut surface as a focal point for stress (in fact engineers call such areas “stress risers,” areas where the stress is increased). Perhaps you have seen glass cut? Recall how the glass was scored and then broke on the scored line.

SIMPLE RULE 4:

Do not scratch, gouge or score any surface. If you do, pay frequent attention to this area or replace the part.

17. THE LIFESPAN OF YOUR BIKE AND ITS COMPONENTS

17.1. NOTHING LASTS FOREVER, INCLUDING YOUR WATER BIKE:

When the useful life of your water bike or its components is over, continued use is hazardous.

Every water bicycle and its component parts have a finite, limited useful life. The length of that life will vary with the construction and materials used in the frame and components; the maintenance and care the frame and components receive over their life; and the type and amount of use to which the frame and components are subjected. Use in competitive events, aggressive riding, riding in severe climates, riding with heavy loads, commercial activities and other types of non-standard use can dramatically shorten the life of the frame and components. Any one or a combination of these conditions may result in an unpredictable failure. All aspects of use being identical, lightweight water bicycles and their components will usually have a shorter life than heavier water bicycles and their components. In selecting a lightweight water bicycle or components you are making a tradeoff, favoring the higher performance that comes with lighter weight over longevity. So, If you choose lightweight, high performance equipment, be sure to have it inspected frequently. You should have your water bicycle and its components checked periodically by your dealer for indicators of stress and/or potential failure, including cracks, deformation, corrosion, paint peeling, dents, and any other indicators of potential problems, inappropriate use or abuse. These are important safety checks and very important to help prevent accidents, bodily injury to the rider and shortened product life.

17.2. PERSPECTIVE:

Today’s high-performance water bicycles require frequent and careful inspection and service. In this Appendix we try to explain some underlying material science basics and how they relate to your water bicycle. We discuss some of the trade-offs made in designing your water bicycle and what you can expect from your water bicycle; and we provide important, basic guidelines on how to maintain and inspect it. We cannot teach you everything you need to know to properly inspect and service your water bicycle; and that is why we repeatedly urge you to take your water bicycle to your dealer for professional care and attention.



⚠ WARNING: Frequent inspection of your water bike is important to your safety. Follow the Mechanical Safety Check of this Manual before every ride. Periodic, more detailed inspection of your water bicycle is important. How often this more detailed inspection is needed depends upon you. You, the rider/owner, have control and knowledge of how often you use your water bike, how hard you use it and where you use it. Because our Technical Team cannot track your use, you must take responsibility for periodically bringing your bike to our Technical Team for inspection and service. Our Technical Team will help you decide what frequency of inspection and service is appropriate for how and where you use your water bike. For your safety, understanding and communication with our Technical Team, we urge you to read this Appendix in its entirety. The materials used to make your bike determine how and how frequently to inspect. Ignoring this WARNING can lead to frame, fork or other component failure, which can result in serious injury or death.

17.3. UNDERSTANDING MATERIALS:

PE-HD, PVC and Carbon fibre, it's an excellent material for building water bicycle frames. It has good characteristics, but in high performance water bicycles, The main factor driving this materials is interest by cycling enthusiasts in lighter bicycles.

17.3.1. Properties of this materials:

Please understand that there is no simple statement that can be made that characterizes the use of different materials for water bicycles. What is true is how the material chosen is applied is much more important than the material alone. One must look at the way the bike is designed, tested, manufactured, supported along with the characteristics of the material rather than seeking a simplistic answer. Metals vary widely in their resistance to corrosion. Steel must be protected or rust will attack it. Aluminum quickly develop an oxide film that protects the metal from further corrosion. Both are therefore quite resistant to corrosion. Aluminum is not perfectly corrosion resistant, and particular care must be used where it contacts other metals and galvanic corrosion can occur. Metals are comparatively ductile. Ductile means bending, buckling and stretching before breaking. Generally speaking, of the common water bicycle elements building materials steel is the most ductile, followed by aluminum. Metals vary in density. Density is weight per unit of material. Steel weighs 7.8 grams/cm³ (grams per cubic centimeter), , aluminum 2.75 grams/cm³. Contrast these numbers with carbon fiber composite at 1.45 grams/cm³. Metals are subject to fatigue. With enough cycles of use, at high enough loads, metals will eventually develop cracks that lead to failure. It is very important that you read The basics of metal fatigue below. Let's say you hit a curb, ditch, rock, car, another cyclist or other object. At any speed above a fast walk, your body will continue to move forward, momentum carrying you over the front of the bike. You cannot and will not stay on the bike, and what happens to the frame, and other components is irrelevant to what happens to your body.

What should you expect from your frame? It depends on many complex factors, which is why we tell you that crashworthiness cannot be a design criteria. With that important note, we can tell you that if the impact is hard enough frame may be bent or buckled. Aluminum elements is less ductile, but you can expect to be bent or buckled. Hit harder and the may be broken in tension. Hit harder and the top tube may be broken. The relative ductility of metals and the lack of ductility of carbon fiber means that in a crash scenario you can expect some bending or bucking in the metal but none in the carbon.

17.3.2. Fatigue Is Not A Perfectly Predictable Science:

Fatigue is not a perfectly predictable science, but here are some general factors to help you and Technical team determine how often your water bicycle should be inspected. The more you fit the "shorten product



life” profile, the more frequent your need to inspect. The more you fit the “lengthen product life” profile, the less frequent your need to inspect.

Factors that shorten product life:

- Hard, harsh riding style.
- High mileage.
- Hot weather conditions .
- The sun.
- Higher body weight
- Stronger, more fit, more aggressive rider.
- Corrosive environment (salt water, accumulated sweat).
- Presence of sand environment.

Factors that lengthen product life:

- Smooth, fluid riding style
- Low mileage
- Lower body weight
- Less aggressive rider
- Non-corrosive environment (salt-free water)
- Clean riding environment.

⚠ WARNING: Do not ride a bicycle or component with any crack, bulge or dent, even a small one. Riding a cracked component could lead to complete failure, with risk of serious injury or death.

17.3.3. Understanding composites:

All riders must understand a fundamental reality of composites. Composite materials constructed of carbon fibers are strong and light, but when crashed or overloaded, carbon fibers do not bend, they break.

17.3.3.1. What Are Composites?

The term “composites” refers to the fact that a part or parts are made up of different components or materials. You’ve heard the term “carbon fiber bike.” This really means “composite bike.” Carbon fiber composites are typically a strong, light fiber in a matrix of plastic, molded to form a shape. Carbon composites are light relative to metals. Steel weighs 7.8 grams/cm³ (grams per cubic centimeter), titanium 4.5 grams/cm³, aluminum 2.75 grams/cm³. Contrast these numbers with carbon fiber composite at 1.45 grams/cm³. The composites with the best strength-to-weight ratios are made of carbon fiber in a matrix of epoxy plastic. The epoxy matrix bonds the carbon fibers together, transfers



load to other fibers, and provides a smooth outer surface. The carbon fibers are the “skeleton” that carries the load.

17.3.3.2. Why Are Composites Used?

Unlike metals, which have uniform properties in all directions (engineers call this isotropic), carbon fibers can be placed in specific orientations to optimize the structure for particular loads. The choice of where to place the carbon fibers gives engineers a powerful tool to create strong, light water bicycles. Engineers may also orient fibers to suit other goals such as comfort and vibration damping. Carbon fiber composites are very corrosion resistant, much more so than most metals. Think about carbon fiber or fiberglass boats. Carbon fiber materials have a very high strength-to-weight ratio.

17.3.3.3. What Are The Limits Of Composites?

Well designed “composite” or carbon fiber bicycles and components have long fatigue lives, usually better than their metal equivalents. While fatigue life is an advantage of carbon fiber, you must still regularly inspect your carbon fiber frame, or other components. Carbon fiber composites are not ductile. Once a carbon structure is overloaded, it will not bend; it will break. At and near the break, there will be rough, sharp edges and maybe delamination of carbon fiber or carbon fiber fabric layers. There will be no bending, buckling, or stretching.

17.3.3.4. If You Hit Something Or Have A Crash, What Can You Expect From Your Carbon Fiber water Bike?

Let’s say you hit rock, other cyclist or other object. At any speed above a fast walk, your body will continue to move forward, the momentum carrying you over the front of the water bike. You cannot and will not stay on the bike and what happens to the frame, fork and other components is irrelevant to what happens to your body. What should you expect from your carbon frame? It depends on many complex factors, which is why we tell you that crash worthiness cannot be a design criteria. But we can tell you that if the impact is hard enough, the hull, frame may be completely broken. Even if the carbon frame was more strong as a PE-HD frame, once the carbon frame is overloaded it will not bend, it will break completely.

⚠ WARNING: Never use clamping devices on the tubes of carbon frames or hulls. Clamps such as those found on water bicycle work stands and car racks can cause serious damage to the carbon frame.

17.3.3.5. Inspection of Composite Frame, and Components:

17.3.3.5.1. Cracks: Inspect for cracks, broken, or splintered areas. Any crack is serious. Do not ride any bicycle or component that has a crack of any size.

17.3.3.5.2. Delamination: Delamination is serious damage. Composites are made from layers of fabric. Delamination means that the layers of fabric are no longer bonded together. Do not ride any bicycle or component that has any delamination.

17.3.3.5.3. These are some delamination clues:

- A cloudy or white area. This kind of area looks different from the ordinary undamaged areas. Undamaged areas will look glassy, shiny, or “deep,” as if one was looking into a clear liquid. Delaminated areas will look opaque and cloudy.
- Bulging or deformed shape. If delamination occurs, the surface shape may change. The surface may have a bump, a bulge, soft spot, or not be smooth and fair.



- A difference in sound when tapping the surface. If you gently tap the surface of an undamaged composite you will hear a consistent sound, usually a hard, sharp sound. If you then tap a delaminated area, you will hear a different sound, usually duller, less sharp.

17.3.3.5.4. Unusual Noises:

Either a crack or delamination can cause creaking noises while riding. Think about such a noise as a serious warning signal. A well maintained water bicycle will be very quiet and free of creaks and squeaks. Investigate and find the source of any noise. It may not be a crack or delamination, but whatever is causing the noise must be fixed before riding.

⚠ WARNING: Do not ride a water bicycle or component with any delamination or crack. Riding a delaminated or cracked frame, fork or other component could lead to complete failure, with risk of serious injury or death.

Understanding components:

It is often necessary to remove and disassemble components in order to properly and carefully inspect them. This is a job for a professional bicycle mechanic with the special tools, skills and experience to inspect and service today's high-tech high-performance bicycles and their components.

Aftermarket "Super Light" components

Think carefully about your rider profile as outlined above. The more you fit the "shorten product life" profile, the more you must question the use of super light components. The more you fit the "lengthen product life" profile, the more likely it is that lighter components may be suitable for you. Discuss your needs and your profile very honestly with your dealer. Take these choices seriously and understand that you are responsible for the changes. A useful slogan to discuss with your dealer if you contemplate changing components is "Strong, Light, Cheap –pick two."

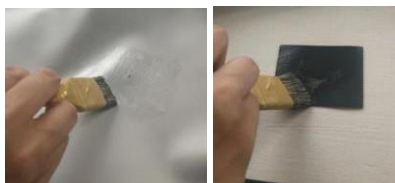
Original Equipment components water bicycle and component manufacturers test the fatigue life of the components that are original equipment on your water bike. This means that they have met test criteria and have reasonable fatigue life. It does not mean that the original components will last forever. They won't.

18. REPAIR A PUNCTURE:

1. Deflate the board and try to clean the hole to ensure there is no sand and other contamination.



2. To brush the PVC glue on both the area around the hole and the patch (PVC material) from the repair kit.



3. Wait for the glue to be dry, and this is very important. It takes several minutes to dry.





4. Then cover the PVC to the hole evenly and smoothly.



5. Find the hot blower to heat the glued PVC patch (not need high temperature), and then press the area with a small flat board to press the air out and make the PVC glue completely.

Leave the board there for 8 hours, then it will be OK.

19. WEIGHTS & CARGO:

- ⚠ **CAUTION:** Maximum weight limits are estimates based on several factors which may vary including but not limited to, riding style, water conditions and weight distribution. It is never advisable to continue to load the water bicycle to its maximum capacity. If you have questions regarding the use of your water bicycle at its maximum capacity please consult our Red Shark technical team.

MAXIMUM WEIGHT LIMIT:

- RIDER: 110 kg (recommended 50 to 85 kg)
- Luggage: 25 kg

20. SERVICE:

If you have questions or problems with your water bike, please contact Red Shark Bikes technical team directly by email: hello@redsharkbikes.com. Or by calling to +34 972 007 036

- ⚠ **WARNING:** Technological advances have made water bicycles and water bicycle components more complex, and the pace of innovation is increasing. It is impossible for this manual to provide all the information required to properly repair and/or maintain your water bicycle. In order to help minimize the chances of an accident and possible injury, it is critical that you have any repair or maintenance which is not specifically described in this manual performed by our Red Shark technical team. Equally important is that your individual maintenance requirements will be determined by everything from your riding style to geographic location. Consult your dealer for help in determining your maintenance requirements.

SERVICE INTERVALS:

Some service and maintenance can and should be performed by the owner, and require no special tools or knowledge beyond what is presented in this manual. The following are examples of the type of service you should perform yourself. All other service, maintenance and repair should be performed in a properly



equipped facility by a qualified water bicycle mechanic using the correct tools and procedures specified by the manufacturer.

6.1 BREAK-IN PERIOD:

Your water bike will last longer and work better if you break it in before riding it hard. Some parts may stretch or “seat” when a new bike is first used and may require readjustment by you. Your Mechanical Safety Check will help you identify some things that need readjustment. But if you think something is wrong with the water bike, take it to Red Shark technical team before riding it again.

6.2 BEFORE EVERY RIDE:

Mechanical Safety Check.

6.3 AFTER EVERY RIDE:

if the bike has been exposed to water:

IMPORTANT: Clean the water bike with clean and fresh water (do not use high-pressure water gun) and lightly lubricate all the metal elements with a good quality bicycle lubricant. Wipe off excess lubricant with a lint-free cloth. Lubrication is a function of climate. Talk to our Red Shark team about the best lubricants and the recommended lubrication frequency.

IMPORTANT: Do not leave the water bike under de sun.

6.4 AFTER EVERY LONG OR HARD RIDE OR AFTER EVERY 10 TO 20 HOURS OF RIDING:

Check to make sure that all parts and accessories are still secure and tighten any which are not. Check the frame, particularly in the area around all tube; the handlebars; the stem; and the seat post for any deep scratches, cracks or discoloration. These are signs of stress-caused fatigue and indicate that a part is at the end of its useful life and needs to be replaced.

⚠ **WARNING:** Like any mechanical device, a water bicycle and its components are subject to wear and stress. Different materials and mechanisms wear or fatigue from stress at different rates and have different life cycles. If a component’s life cycle is exceeded, the component can suddenly and catastrophically fail, causing serious injury or death to the rider. Scratches, cracks, fraying and discoloration are signs of stress-caused fatigue and indicate that a part is at the end of its useful life and needs to be replaced. While the materials and workmanship of your water bicycle or of individual components may be covered by a warranty for a specified period of time by the manufacturer, this is no guarantee that the product will last the term of the warranty. Product life is often related to the kind of riding you do and to the treatment to which you subject the water bicycle. The bicycle’s warranty is not meant to suggest that the water bicycle cannot be broken or will last forever. It only means that the water bicycle is covered subject to the terms of the warranty.

If your bicycle sustains an impact: First, check yourself for injuries, and take care of them as best you can. Seek medical help if necessary. Next, check your bike for damage. After any crash, take your water bike to our Red Shark Technical Center for a thorough check.

⚠ **WARNING:** A crash or other impact can put extraordinary stress on water bicycle components, causing them to fatigue prematurely. Components suffering from stress fatigue can fail suddenly and catastrophically, causing loss of control, serious injury or death.



21. ABOUT YOUR RED SHARK BIKES Technical support:

Whether you're new to cycling or an experienced pro, RED SHARKS BIKE's team with knowledgeable expertise's ensures an expert support to help you keep your RED SHARKS BIKE running smoothly. And when you need accessories, you can be sure our RED SHARKS BIKES team will have just what you're looking for in the right size and for your type of riding. Your RED SHARKS bicycle meets today's highest standards of quality, but it still needs care and maintenance on a regular basis. Take advantage of our RED SHARKS BIKE experience and knowledge. If you have questions or concerns about your water bicycle, consult us immediately.

You can also find additional maintenance information and suggested scheduled service in this manual. All major repairs and important adjustments to your bicycle should be done under the Red Shark Bikes team supervision.

22. WARRANTY INFORMATION:

Red Shark Bikes supports the warranty on all Red Shark Bikes brand products for original owners of the product. Warranty is not transferable. If a water bike that is covered by the terms of this warranty and is determined by Red Shark Bikes, to be defective, Red Shark Bikes will repair or replace the defective parts. Red Shark Bikes may choose in some cases to offer the owner a refund of up to the original purchase price of the product in lieu of repairing or replacing the product. The Red Shark Bikes warranty does not cover any conditions that are beyond Red Shark Bike's control. This includes, but is not limited to, the following: excessive loading, improper assembly, improper installation, theft, or any use that is not consistent with the user guide that is included with the product. The Red Shark Bikes Warranty does not cover normal wear and tear, scratches, cosmetic oxidation, accidents, or damage due to unauthorized repairs or modifications. If you are the original owner of a defective Red Shark Bikes product, please contact Red Shark Bikes Technical team. A Red Shark Bikes representative will work to quickly resolve the problem. If repairs are necessary, the owner will be responsible for the cost of returning the product to Red Shark Bikes for repair. No product should be returned to Red Shark Bikes without prior authorization from Red Shark Bikes staff.

IMPORTANT: Write down your RED SHARK bicycle model and serial number for your records. Check with our team to determine the serial number location. Put your receipt of sale or proof of purchase in this manual for reference. This record will also help you with any police investigation or insurance claim.

NOTE: Red Shark Bikes, cannot guarantee individual records of serial numbers. If there is a loss or theft, your personal records will be needed. Your bill of sale should be kept for any warranty service.

Position of the Bike Serial Number You will find the Serial number of your Red Shark bicycle on the board/hull near the bottom fin.

The following limited warranty applies to all current RED SHARK BIKES manufactured from 2019 onwards.



22.1. LIMITED WARRANTY:

RED SHARK BIKES warrants to the original owner that only the original frame, board or components of each new RED SHARK BIKES bike are free from defects in materials and workmanship for 2 years. Limitation of Liability This warranty covers only the repair, replacement or refund of the covered Red Shark Bikes product. Damage to other people or property is not covered by this warranty. Injuries are not covered by this warranty. Red Shark Bikes warrants its hardware products against defects in materials and workmanship for a period of one (1) year from the original purchase date, provided the purchase was made through an authorized Red dealer. Shark Bikes or directly through Red Shark Bikes or the Red Shark Bikes website. This warranty is void if the equipment is opened, altered, misused, mishandled, misadjusted, suffers excessive wear or is repaired by anyone not authorized by Red Shark Bikes. Red Shark Bikes equipment is made for consumer recreational use and is not guaranteed for commercial or rental use. The warranty does not include transportation costs incurred due to the need for service. Red Shark Bikes reserves the right to make design changes and improve its products without obligation to install these improvements on any of its previously manufactured and sold products. For warranty services or to obtain a copy of the Red Shark Bikes Warranty Policy, including a complete list of exclusions and limitations, contact Red Shark Bikes.

BEFORE you send us anything back, please contact our customer service to discuss your issue and obtain a Return Merchandise Authorization. There are limitations on the shipping of lithium-ion batteries (from the Scooter surf kit) and we will not accept returns of service without prior notice. Contact us for more information on how to deal with defective products at: hello@redsharkbikes.com or by calling +34 972 007 036

We are not equipped to handle walk-in traffic at our headquarters in Roses (Spain), so even if you are local, please do not bring your product to our offices unless you have made prior arrangements.

22.2. REQUIRED ASSEMBLY WHEN PURCHASED:

This warranty applies only to water bicycles and framesets purchased new from an Authorized RED SHARK BIKES Retailer and assembled according to our instructions.

22.3. LIMITED REMEDY:

Unless otherwise provided, the sole remedy under the above warranty, or any implied warranty, is limited to the replacement of defective parts with those of equal or greater value at the sole discretion of RED SHARK BIKES. This warranty extends from the date of purchase, applies only to the original owner, and is not transferable. In no event shall RED SHARK BIKES be responsible for any direct, incidental or consequential damages, including, without limitation, damages for personal injury, property damage, or economic losses, whether based on contract, warranty, negligence, product liability, or any other theory.

22.4. EXCLUSIONS:

This guarantee does not hedge:

- Neither spare parts, Installed components, or non-original parts or accessories.
- unsupplied or non-recommended accessories nor damages resulting from their use:
- Damages due to abuses or a lack of normal maintenance



- Damages caused by collision with immersed objects or by pulling the board on the beach.
- Damages caused by transformations.
- Any other incidental damages, casual damages, including damages on third party properties.
- Corrosion on the Pedals and saddler.
- Paint finish and decal damage resulting from taking part in competitions, and/or training for such activities or events as a result of exposing the water bike under the sun after or before used, or riding the bike in, severe conditions or climates.
- Labor and transport charges for part replacement or changeover. Except as is provided by this warranty and subject to all additional warranties RED SHARK BIKES and its employees and agents shall not be liable for any loss or damage whatsoever (including incidental and consequential loss or damage caused by negligence or default) arising from or concerning any RED SHARK bicycle.
- Modifications from the original condition.
- Use of the water bicycle for abnormal, competition, and/or commercial activities or for purposes other than those for which the water bicycle was designed.
- Normal wear and parts such in situations where there are no assembly or material defects.
- The use of a compressor can seriously damage your inflatable board and cancelled guarantee.
- Water Bicycles serviced by other person than our Authorized RED SHARK BIKES service.
- Grated or scratches.
- Damage caused by failing to follow the owner's manual.
- Failure to follow maintenance steps.
- Damages due to falls, accidents, abuse or negligence.



RED SHARK BIKES does not offer any other warranty, express or implied. All implied warranties, including warranties of merchantability and fitness for a particular purpose, are limited in duration to the express warranties set forth above.

Any claim under this warranty should be directed to our RED SHARK BIKES technical team. A purchase receipt or other proof of the purchase date is required prior to processing a warranty claim.

Claims made outside the country of purchase may be subject to additional fees and restrictions. The duration and details of the warranty may vary depending on the type of frame and / or country. This warranty gives you specific legal rights and you may have other rights, which vary from location to location. This warranty does not affect your statutory rights.

The warranty is only valid for normal use. It does not cover punctures or abrasions resulting from normal use, or damage resulting from improper use or storage.

This warranty is void if the product is resold between individuals. Any defective product must be returned to the point of sale with an invoice or receipt.

After examining the defective product, Red Shark Bikes will repair or replace the defective part of the product or the entire product. Red Shark Bikes declines all responsibility for accidental or indirect damage.

The scope of the warranty cannot be extended. It is valid to the exclusion of all others.

This warranty gives you certain rights, which vary from country to country. The main application restrictions are the following: do not transform your BIKE SURF, do not use it outside the conditions of use (for example: rentals, or in professional use, etc.).

NOTE: The information in this manual is subject to change without notice. The manufacturer assumes no responsibility for any errors that may appear in this manual. The reproduction, transmission or use of this document or contents is not permitted without express written authority. This document supersedes all previous editions. We may occasionally issue updates and addendums to this document. Please periodically check to Red Shark Bikes team (hello@redsharkbikes.com or by Phone: +34 972 007 036) to make sure you have the latest information.

REGISTERING YOUR VESSEL: In certain municipalities, counties, states or countries, it is required that you register water bikes, kayaks, SUPs canoes, scooter surfs motorized, with your local licensing body. For example, in many US states, the state Department of Motor Vehicles (DMV) or the Coast Guard will require you to register your motorized kayak as a motorized vessel. Please be sure to take the necessary steps to comply with local laws and regulations that apply to your vessel once motorize. In the US, a good resource to find more information is www.takemefishing.org. For the purposes of registration or exemption from registering in certain places, please note that Bixpy Jets (kit on the Red Shark scooter surf) are electric motors that produce less than 10 horse powers.

PRODUCT VARIATION: Some of the products photographed may have slight differences from the products in the package, both cosmetically and functionally.

