

Inflatable SUP Operating Instructions

It is especially important to let the SUP fully inflated after purchase for at least a few days so that it can "settle" in the proper form. If this is neglected, it may cause the SUP to not keep to its proper shape. During this time the SUP should not be stored horizontally on the fins, but with the bottom side up.

Operation of the valve

- Turn the outer cap and take out. The valve is closed when the middle screw is in the upper position.
- To open the valve put a finger position in the center of the valve and push the middle screw down, turn your finger 1/4 turn until the screw is held in the depressed position / locked.
- To close the valve on the screw and turn your finger 1/4 turn until the screw leaving the lock and moves out slightly upward.

Connecting the pump

- The end of the pump (which must be rotated) must be connected to the valve.
- Turn right (clockwise) and start pumping.
- Inflate the SUP until no more air can be pumped into it (usually with an air pressure 14 to 20 psi).
- After inflating, take the hose out of the board.
- Make sure that the protective cap is replaced (as a protection against dirt and damage).

Check the valve and make sure that no air leaks in the area around the valve.

In case the valve leaks air

- Remove the valve key from the repair kit.
- Insert the valve key into the valve and turn the key gently clockwise with hand grip. Carefully tighten while the threads do not overtighten / damage.
- If the air leak is no improvement, contact your local dealer and check warranty conditions.
- Press the back of the valve firmly and turn the valve key to the left (counter-clockwise) and remove the valve stem.
- Inspect the valve for damage.
- If the valve is damaged, the faulty valve has to be brought to the selling dealer and replace with a new valve.
- Treat the valve stem with silicone or soapy water to ease the installation.



Inflating the SUPs

To ensure a long life of your SUP, it is particularly important that this is properly inflated and deflated.

To inflate the SUP roll it out on the floor. Remove all sharp objects from flat surface where the SUP is inflated.

- Check that all components are present when the SUP is unpacked.
- Make sure that the valves are closed. For this purpose, place your finger in the valve, the small black button push and twist 1/4 turn.
- Unpack the provided pump. Insert nozzle in the valve and turn right. The pump is tightened at the valve. NOTE there is a pressure gauge on top of the handle bar.
- Pump as much air into the SUP until the desired air pressure is achieved. Usually 14 to 20 psi, do not exceed this max value in any case!

Attention

If the SUP is inflated with too much pressure, it can cause structural damage. Keep the SUP possible out of direct sunlight when the SUP is not in the water. Otherwise, the air in the hoses can become so hot that the expansion causes damage to your SUP.

Do not inflate with mechanical compressors. The provided pump ensures that the SUP is inflated to the correct pressure.

Deflation

Turn the valve 1/4 to open. NOTE: The SUP must be clean and dry before it is rolled up for storage. Remove sand and dirt from the surface of the SUP.

- Position the SUP flat on the floor.
- Unscrew the safety cap from the valve and remove.
- Place your finger on the center screw of the valve, and only slightly open the valve by first pressure with the fingers to let out slowly and carefully around the air in order to prevent that the rubber ring in the valve too quickly exhausted air is pushed out of position. Only when the first pressure has been released, the screw can be locked by another push and 1/4 turn to allow air to roll up completely to escape from the SUP.
- Evenly press the whole SUP to release as much air as possible.

Folding the SUP

- Position the SUP flat on the floor.
- Fold the SUP starting at the bow to her rear so that the EVA is inside and the fins on the outside at the rear.
- If the SUP is folded, it fits perfectly in the included bag / backpack for transport.

Sunlight

The SUP should not be exposed to sunlight over a prolonged period. The change in air pressure in the tubes can damage the SUP. Excessive exposure to sunlight (ultraviolet rays) for a prolonged period can accelerate the aging of the material. Protect the SUP from direct sunlight and cover, if it is taken out of the water for a prolonged period.

Operation at higher elevations

The normal full air pressure in the SUP is 14-15 psi. If the SEA is in sea-altitude (low altitude) inflated and then transported in higher altitudes (for example for use in a mountain lake), the pressure in the high altitudes must be reduced to avoid an overpressure.

General maintenance

Cleaning supplies

Household cleaners should be used sparingly and should not be discharged into water bodies. mix detergent in any way and ensure indoors sufficient ventilation. Do NOT use aggressive cleaning, solvents or products use phosphates, chlorine, solvents or products, which are not biodegradable or oil-based products. Cleaner citrus based are ideal for cleaning work on SUPing and safe for you and the environment. Your SUP can best be cleaned with water and normal soap.

IMPORTANT: DO NOT USE waxes or cleaners containing alcohol or hydrocarbons on the SUP's skin. The products dry the skin prematurely or can damage them.

Bent rubber fins (2 piece firmly attached to the underside of the SEAs) can with steady pressure and placed under slight heat feed back into their original form, they should be bent by storage or transport times.



Repairs

Caution

Prevent serious injury or death due to fire, explosions or poisoning. The glues and solvents used for repairing the SUPS are toxic and highly flammable. always perform as a safety precaution this working outdoors or in areas that are well ventilated and keep open flames, sparks, or appliances on and off with ignition flame. Inhalation of vapors or skin contact may be harmful. Do not breathe vapors and avoid contact with skin and eyes. For this, a carbon filter respirator and protective gear to protect exposed parts of the body.

Minor repairs

If your SUP is seriously damaged, we recommend the dealer does the repairs for you. For small holes, you can use the kit supplied with the SUP.

For larger areas - or if the patches overlap a seam - the damage should be repaired by a professional repair mechanic in a boat-repair shop. Your dealer can assist you in finding the nearest repair shop.

For best results when gluing, the relative humidity should be less than 60%, the temperature should be between 18 ° C and 25 ° C (65 ° F and 77 ° F). not perform such repairs in direct sunlight.

Generally, you should proceed as follows

- Cut a patch which is large enough to overlap the damaged area on all sides by 30 mm.
- Place the overlapping patch on the damaged area center and mark the outline of the patch with a pencil.
- Treat the surface at the SUP and the back of the patch lightly with sandpaper polish /buff.
- (: Remove stains from the surface around the air leakage and the patch by this area is evenly, but not too deep, roughened with sandpaper, without exposing the fibers of the material polishing.)
- Clean the area around the damaged area and the patch with solvent.
- Apply two thin layers of adhesive with a short-haired brush in a circular motion on the back of the patch and on the area to be repaired. The first layer to dry completely (about 15 minutes) before the second layer is applied. The second layer has to dry until it is tacky. Then install the patch on the prepared area and press down firmly. Any air bubbles that are trapped under the patch can be removed with a smooth object(the back of a spoon works well). Work from the center of the patch to the outside.
- Wait 24 hours before inflating the SUP again.

Repair of air leaks

Prepare materials neded: soapy water, brush, pen and Awl (both blunt tip), PVC material (0.9 mm thick), adhesive, MEK (detergent), cotton cloth (cloth).

Pinhole in SUP

Inflate the SUP Slightly until it loses air. Apply soapy water in the area with a brush, the bubble-forming indicates where the air is leaking.

- Small pinhole - Dip the tip of a pin or awl in glue and poke 3 or 4 times in the needle hole, to be completely filled with the wet adhesive. Wait 15 minutes until the glue dries. The air from the SUP Drain.
- Large pinholes - a round patch from PVC material trim, which is large enough to cover the hole.
- Clean the back of the patch and the area around the leaking hole with MEK and the adhesive with a brush evenly on the two bond surfaces (first adhesive layer). 15-20 minutes wait.
- The adhesive again with the brush to both surfaces and again 15-20 minutes waiting (second adhesive layer). The glued patches attach and gently press the hole in the air deck. press hard with a pressing roller or rub with a blunt-edged metal object until it adheres.
- The repaired air must cover at least 24 hours to cure at 20% of the recommended air pressure.

Attention

Repaired air chamber must cure (at less than 20% of the recommended air pressure) after repair for at least 24 hours. If the SUP is fully inflated or used too early, this may lead to poor adhesion of the patches.

If you have problems, you can ask your local dealer for advice.

Storage

- After each operation, the SUP and all parts should be washed with a mild soap and rinsed with fresh water. Allow to dry all parts before storing in the carrying bag. This prevents Stock- or mold spots.
- To maintain the good appearance of the SUP, make sure it is stored in a cool, dry place and protected from direct sunlight.
- When storing the SUP for a longer period, you should not keep it in the supplied bag / backpack there. The SUP is too tightly folded in the pack, resulting in sharp folds in the material.
- Store the SUP unrolled flat or roll without wrinkles and store in a dry place.
- To avoid damaging the SUP during storage, do not place heavy objects on the SUP.
- Do not bend the fixed Fins rubber during storage, as they could loose the useful shape.

To prevent discolouration of the SUP please avoid fouling or polluted waters, and do not leave in the water for a prolonged period when not in use.