

RIBRAVE DURAQUOS™

Owner's Manual

User Manual and Instructions

Thank you for choosing the RIBRAVE DURAQUOS™ Inflatable Boat.

Please carefully read the instructions within this manual as it will help you to get more enjoyment and a longer life from your investment.

Product is intended for adult assembly.

Unpacking:

Unpack on a clean surface free of sharp objects that might damage the boat. Please note carefully the way it has been packed, especially the way the sides have been folded towards the center line so that the transom folds over them **not between** them. This way you can roll up your dinghy and carry/stow it in the future with the enclosed carry bag. Stow it for traveling, winter storage, and when the dinghy isn't going to be used for extended periods of time.

Check that it is complete with all the parts:

- Oars
- Foot pump
- Floor boards
- Aluminum floor side joiners

*Please refer to Invoice/Packing Slip for all contents within your order package.

Caution: Be advised of aluminum metal shavings when unpacking and handling aluminum flooring. We suggest you vacuum or remove these shavings before using your product.

Valves:

First remove the protective valve cover by turning and removing it. The valve has a two-way action: either free-flow, meaning air can freely pass in both directions, and one-way (in) only. You can alternate between the modes by pressing the central pushpin and gently turning it, then releasing. For the one-way (in) position on the boat valve, we suggest using the foot pump provided, and then setting the hose on the foot pump to the "OUT" position. Otherwise, use the free-flow mode and blow up the dinghy with a vacuum cleaner in blow mode.

Once near full inflation, you can change the valve to one-way by rotating the pushpin. Be quick to avoid air loss. Complete inflation with the foot pump. **Never use a high pressure air source** like a tire inflator or you risk bursting your boat.

The tube pressure should not exceed **13 psi**.

In hot weather, allow for a pressure build-up as the tubes heat up in sunlight. Release air pressure by simply pushing in the pushpin.

Assembly:

1. Unpack the dinghy from its box or bag and unroll it. Use included foot pump or vacuum to inflate it until it forms its proper shape. Do not fully inflate yet. As stated previously, the valves have two positions. For the one-way (in) position on the boat valve, we suggest using the foot pump provided, and then setting the hose on the foot pump to the "OUT" position. Alternatively by rotating the central pushpin/spindle you can lock them open so it's easier to blow air in if you are using a blower. Quickly return the valve to the "in only" mode as soon as you remove the blower or you'll lose all the air.

Do not inflate the keel tube yet.

2. Roll out and inflate the pontoons to a firm but not hard feel of 13 psi maximum.
3. Deflate the dinghy about 75% so it's very saggy. Replace all the valves caps keep them safely out of the way and place the floor boards inside the pontoons starting with the forward-most and the aft-most. The numbers on the boards should be up-most and in sequence. If your boat has four boards, fit one of the middle boards in and get all the boards into line. Now place forward edge of the remaining board into the aft edge of the forward board while holding the aft edge up. Then lift the forward edge of the adjacent rear board and fit it into the aluminum extrusion of the board you are already holding up forming a ridge.

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4. Press the ridge down until all the boards are flat, making sure you haven't trapped any of the pontoon fabric or valve cords (including the keel valve) underneath. Check all boards are in line. If you have difficulty at the step you probably have too much air in the pontoons, or you have some of the pontoon fabric pinched under the boards.
5. Fit in the side rails (to keep the boards flat and rigid) by positioning them with an equal overlap on all boards. The concave surface should be outwards and up, to follow the contour of the tube. The boards will now slide into the groove provided. If difficult, release more air from the pontoons or try placing a flat plank under the boat to lift the floor boards off the surface you are working on. When the tubes are pressurized, the rails are held very tightly in place. The forward board is not held by the side rails, but is free to move a slightly.
6. Check once again that no pontoon fabric is pinched under the boards, and then inflate the chambers in sequence starting with about 80% pressure in the rear chambers. Continue on to pressurize the bow chamber to about 90% and clip the seat into place. Then revert to the rear chambers and fully inflate using the foot pump. **DO NOT USE HIGH PRESSURE** air sources or you may burst the seams. Finish by fully pressurizing the forward chamber with the foot pump and then inflate the keel chamber hard.

Note: Any wrinkles in the tubes will smooth out within a few minutes. Remember to always inflate in rotation and in steps as there are diaphragms between chambers that can get distorted if you fully inflate one chamber ahead of the others.

Packing Up The RIBRAVE DURAQUOS™:

1. Start by releasing the air completely from the boat, including the keel tube. Remove the seat and oars. Only remove the floorboards when the boat is deflated.
2. You may use the foot pump to remove air from chambers by placing the hose on the "IN" setting. Alternatively, a vacuum can suck out the remaining air. As you remove the air, ensure that the tubes lie straight and collapse inwards to the center inside the transom line.

3. Fold the collapsed cones inward at the back of the transom. Then fold the transom forward over the collapsed tubes. Continue folding forward until you have the whole boat in a neat pack. You may prefer to fold the transom forward once layer then fold the bow section back over the transom. Kneel on the pack to squeeze any remaining air out. Then place in the carry bag.
4. Slide the floor boards into the bag alongside the tube package, then place the floor joiner, oars, and repair kit in with everything else and zip up. The foot pump usually stays in the pocket on the outside of the bag.

Note: For larger boats you may find it convenient to stow the floor boards separately from the tube-set so that you don't have to lift the full weight at one time.

General Care and Maintenance:

1. Always store your inflatable boat out of the sun when not in use. The fabric of your RIBRAVE DURAQUOS™ has been designed to cope with the damaging UV, but by avoiding unnecessary exposure to sunlight you can double the life of your investment. If you need to leave your boat in the open, you can purchase our RIBRAVE DURAQUOS™ Boat Cover.
2. Wash down with fresh water after each use and stow in a cool, dry place.
3. Clean stains and dirt off the fabric with a gentle household cleaner (non-solvent) if needed. Avoid contact with fuels, solvents or oils, and clean up spills immediately.
4. Keep the self-draining bung clear of dirt to ensure it performs properly. Leakage is generally due to small amounts of dirt trapped under the non-return valve.
5. When towing use a 10 to 12 mm (3/8" to 1/2") diameter nylon or polypropylene stretchable rope attached to all three towing points. This ensures the load is spread and if the outer rings are used to take lines to the outer corners of the transom of the towing vessel, you will find the inflatable tows more precisely and there is less risk of it flipping even in rough seas or strong winds. Always adjust your tow length to suit the weather and sea conditions, and in heavy weather take the inflatable on board the mother ship if possible. Removing the any outboard motor drastically reduces the drag on towing the dinghy. Accumulated water from rain and waves can also over-load the towing eyes and cause damage.
6. Air loss appears to happen during cold weather, but it may only be the air in the tubes shrinking with the lower temperatures. If you think you definitely have a leak, check the valves first by applying a little soapy water to them when the boat is fully inflated and watch for any sign of bubbles. Gently pushing in the push pin in the valve in short bursts may clear any dirt stuck under the seal. Also check for physical damage such as cuts by applying soapy water to the whole surface and carefully check for signs of bubbles.

Note: When fishing, spines from spiny fish can cause tiny holes in the fabric that are very hard to detect, yet cause a persistent slow leak. Always use a net to land spiny fish, and deposit them directly into a fish bin.

Fire Risk: The fabric is flammable and can melt at high temperatures. Please take sensible precautions when near anything hot or burning.

General Advice:

1. Always take oars, anchor and line, bailer, spare fuel, signaling device (cell phone, VHF, walkie-talkie, flash light, flares, etc.) with you, especially at night and with an offshore wind. Motor failure can be disastrous without the above simple safety aids.
2. Life-vests and protective warm clothing should be worn by all aboard.
3. Check the fuel level, weather conditions, and sea conditions before leaving the shore.
4. Don't exceed the recommended load or motor sizes shown on the transom name-plate.

We thank you for choosing the RIBRAVE DURAQUOS™ for all your boating adventures!

If you need further assistance, you can log onto our website www.ribrave.com for helpful videos and contact forms.