

A silhouette of a person carrying a surfboard is centered in the frame, walking towards the right. The background is a sunset over the ocean, with the sun low on the horizon. A large, semi-transparent graphic of a kite is overlaid on the left side of the image. The text '09 WAROO EZ-PUMP™ USER MANUAL' is positioned in the lower right area.

09 WAROO EZ-PUMP™ USER MANUAL

BEST
KITEBOARDING.COM 

BEST KITEBOARDING USER MANUAL

Thank you for purchasing a Best kite. Please read this manual carefully and in its entirety before using your new Best kite.

WARNING

Kiteboarding/kitesurfing/snowkiting are extreme sports. They have numerous inherent risks and dangers, and pose substantial risk of cuts, scrapes, bruises, broken bones, loss of limbs, loss of vision, paralysis, and other serious, permanent and disabling injuries and death to the rider and others. Some of the sources of these risks include but are not limited to:

- Being lifted by the kite and then dropped or slammed into the ground, snow, trees, rocks, buildings, piers, jetties and/or other structures or surfaces.
- Being dropped or slammed into other people and/or property.
- Contact with kite lines under tension, and/or watercraft.
- Drowning.
- Underwater conditions and/or objects such as sharp shells, broken glass, sand bars, shoals, reefs, oyster beds, and/or concrete.
- Contact with sea life such as sting rays, sharks, sea turtles, jelly fish, etc.
- Weather conditions and/or changes in weather conditions such as increasing or decreasing wind, waves, updrafts, lightning and/or water spouts.
- Equipment performance. Kiteboarding is a new sport. Kiteboarding equipment and safety gear are NOT 100% reliable. Safety designs and features are often new and unproven. Kites may behave unfavorably and unpredictably. Lines can twist, tangle, or break, resulting in serious injury and/or loss of control of the kite.

When using this product, you are responsible for your own safety and the safety of others around you. Never use this product as a flying device. Never touch flying lines when the kite is in use.

RELEASE OF LIABILITY AND ASSUMPTION OF RISK

**DO NOT USE THIS PRODUCT UNLESS YOU AGREE WITH THE
FOLLOWING TERMS AND CONDITIONS:**

Before using this product, the purchaser/user has carefully reviewed, understood and agrees to comply with the terms of this User Manual. Use of this product and any of its components involves certain inherent risks, dangers and hazards, which can result in serious personal injury or death. The purchaser/user of this product understands that the seller is not responsible for any damage to property or injury caused by negligent operation of this product by the purchaser/user, and the purchaser/user releases the seller from all such liability. In the event of your death or incapacity, this Agreement shall be effective and binding upon your heirs, next of kin, executors, administrators, assigns and representatives.

The purchaser/user of this product expressly assumes the risk of any and all bodily injury, death and/or liability which may result from the purchaser or user's participation in kiteboarding. The purchaser/user agrees to hold Ride Best, LLC harmless from any and all liability, and waive and release any and all claims or potential claims against Ride Best, LLC and any of its respective agents, affiliates, subsidiaries, employees, instructors, officers, directors, shareholders, suppliers and manufacturers in the event of any such bodily injury or death which may result from the purchase and/or use of Ride Best LLC (d/b/a Best Kiteboarding, LLC) products.



EZ-PUMP™ WAROO 2009

The 2009 Waroo is now available with a new external EZ-Pump™ system. The external EZ-pump™ system provides greater ease of use, serviceability and improved system reliability over the previous internal system.

The external EZ-pump™ uses the industry standard click-to-close tubing fitment ensuring trouble free operation in all riding conditions and temperatures. All parts of the external EZ-pump™ system are easily replaceable in the field should the need ever arise.

The 2009 Waroo will continue to be available in a standard inflation model for riders who value lower cost and simplicity over the improved convenience offered by the EZ-pump™ system.

Parts familiarization:

The external EZ-pump™ system includes a limited number of new parts: these parts are detailed in the following section along with the standard inflate and deflate valve arrangements.



Leading edge inflate valve:

The EZ-Pump™ Waroo has a standard ball-stoppered inflate valve with Velcro tab closure.



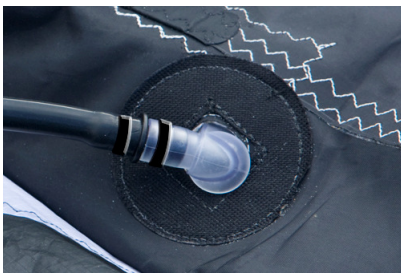
Leading edge deflate valve:

The deflate valve is the standard high volume deflate plug.



Leading edge to strut link-tube:

This tubing section, covered in a protective neoprene sleeve allows for the passage of air from the leading edge into the struts and vice versa during inflation and deflation.



Strut valve head:

The leading edge and each strut is fitted with a moulded plastic attachment that allows the direct connection between the LE and each strut. These fittings are secured to the external air hose with zip ties.



Click-to-close valve:

Shown with the neoprene tubing removed the red click-to-close valve can be seen. This valve ensures that each strut can be independently sealed off from the rest of the kite. This stops air from moving about between the bladders as the kite is flown.

NB: Neoprene sleeve has only been removed to show the click-to-close valve. The kite should only be used with the protective neoprene sleeve in place.

Inflation:

To inflate your new EZ-Pump™ kite attach the pump nozzle to the inflate valve on the kite: close the leading edge deflate valve and ensure that the click-to-close valves are open on each strut attachment. You can now inflate your entire kite directly through the leading edge inflate valve.



The EZ-Waroo does not need to be unrolled prior to inflation: as long as you are sure that the click-to-close valves are open you can simply attach the pump and inflate the kite. Your kite will unroll automatically as you begin to inflate it.



Once fully inflated you should close each click-to-close valve to ensure that air-pressure does not move from one inflated compartment to the next during flight.



To close the valve after inflating your kite press down on the centre of the valve until it clicks. This ensures that the air in the bladders cannot move between the struts and bladder during flight.

NB: Best Kiteboarding kites are shipped with a hand operated pump. We selected these pumps because it is very difficult to over inflate the kite with a manual pump. Your Waroo should be inflated to between 10-11PSI.

Best Kiteboarding will not be responsible for any damage that occurs due to the use of a pressure hose/compressor when inflating your kite

Deflating your kite:



To release the air from the struts to deflate the kite prior to packing away, push the end of the valve away from the main body so that it springs apart. This will allow you to deflate the kite by rolling the air out of the struts and into the leading edge.

NB: when storing your kite, especially if leaving it in the car we recommend that you partially deflate the struts to relieve the air-pressure on the bladders. Kites regularly fail when stored in hot vehicles; please ensure the long life of your gear by releasing some air from the struts before storing the kite.

Replacing a bladder:

Replacing a strut bladder with the new EZ-Pump system is as easy as removing any standard strut bladder, the only additional steps are detaching the inflation tube that runs between LE and strut and the addition of a zip-tie.



Expose link tube:

Slide up neoprene sleeve to expose link tube. Close the click-valve on the inflation hose.

NB: when replacing a strut bladder we recommend that you remove the inflation tube- including the 2 way insert from the end of the strut, this will allow you to keep the rest of the kite inflated as you perform the repair and bladder reinsertion.



Detach the strut from the inflation hose:

Undo the zip tie that locks the link-tube to the strut valve head.

NB: We recommend you use a sharp pair of scissors and not a knife to reduce the risk of damaging the inflation tube or valve head.

Unplug the link-tube from the strut valve head ensuring the small connection plug remains in the tube.



Attach a line around the valve head:

Fix a line around the valve head before you remove the bladder, this allows you to pull the repaired/new bladder back through the end of the strut casing more easily.



Unseat valve head:

Push the valve head into the strut casing and open the Velcro flap at the far end of the strut casing.



Remove bladder:

Withdraw the bladder from the strut casing ensuring that you pull the line through the strut casing along with the bladder. You will use the line to pull the repaired/replaced bladder back through the strut casing.

You can inflate the strut bladder directly via the valve head using a normal pump if you have removed all the EZ-Pump fitments; this will allow you to check you have correctly repaired your puncture before refitting it inside the strut casing.

To refit the bladder, simply pull it through the strut casing using the attached line. Close the Velcro flap at the end of the strut, ensure it is correctly fitted, an incorrectly closed flap could lead to a bladder blowout. Ensure that you have the valve-head fitted firmly into place in the strut casing and partially inflate the bladder; this will allow you to make sure the bladder extends fully into the end of the strut.

Reconnect the bladder to the rest of the EZ-Pump system and fit a new zip-tie at the connection between the valve head and inflation tube. *NB: we recommend using a pair of pliers, or similar, to grip the zip-tie to ensure secure fitment and a lasting airtight seal.*



A spares kit is available for your EZ-Pump equipped kite that includes replacement zip ties, valve stoppers, click to close valve and two air pipes for linking LE to struts.

FAQ:

Why did you change to the external system?

The new external system allows you to fully isolate each inflated part of the kite completely; this makes it safer in the event of any bladder failure.

With the internal system air could always move from the LE to the strut in the event of bladder blowout, meaning that the entire LE could deflate from a strut puncture; If you close the click valves that cannot happen with the new system.

Is there a spares kit?

Yes an EZ-Pump repair kit exists which includes replacement two air hose, zip ties and a spare click to close valve.

How hard should I inflate my EZ-Waroo?

Between 10-11PSI is ideal.

Can I inflate my EZ-Waroo with an air-hose?

Best Kiteboarding kites are shipped with a hand operated pump. We selected these pumps because it is very difficult to over inflate the kite with a manual pump.

NB: Best Kiteboarding will not be responsible for any damage that occurs due to the use of a pressure hose/compressor when inflating your kite

Can I leave the struts inflated on my EZ-Waroo?

You can leave the struts on your EZ-Waroo inflated when the kite is stored, but we strongly recommend that you partially deflate the struts before storing the kite to reduce the risk of temperature induced blowout.

If I deflate the LE and the centre strut my kite fits in my car, is it OK to just deflate one strut?

Sure.

Do I have to close the click-to-close valve before flying the kite?

Strictly speaking you do not 'have to' close each valve but there are good reasons why you should.

1. When flying your kite air will shift from the le to the struts and back again in response to your steering input: this will make the kite feel unstable and reduce your kiting enjoyment.
2. If you manage to puncture a bladder then your entire kite will deflate, with the click valves closed only the punctured bladder will deflate.

How do I repair a strut bladder?

To repair a strut bladder: Slide up the neoprene cover, remove the retaining zip tie from the strut valve, detach the strut from the inflation hose, unplug the inflation tube from the strut valve head ensuring the small connection plug remains in the PU tube, attach a line around the valve head, push the valve head into the strut casing, undo the Velcro at the opposite end of the strut and withdraw the bladder from the strut casing.

You can inflate the strut bladder directly via the valve head using a normal pump if you have removed all the EZ-Pump fitments; this will allow you to check you have correctly repaired your puncture.

Where do I go for extra information on my Waroo?

Your local Best Kiteboarding retailer has been trained in all aspects of the products they sell and can help you with any queries you may have regarding all Best Kiteboarding products.

The standard Waroo user manual can be downloaded from [09 Waroo User Manual.pdf](#) this contains all the additional information you will require.

You may also contact Best Kiteboarding customer support via our website. For any general questions about using Best Kiteboarding products, or to chat with other kitesurfers and to find out all the latest info about everything Best Kiteboarding, visit the website <http://www.bestkiteboarding.com> or log onto the online user forums at <http://forum.bestkiteboarding.com>

Request for additional info and updates to the product manuals should be sent to simon@bestkiteboarding.com

