



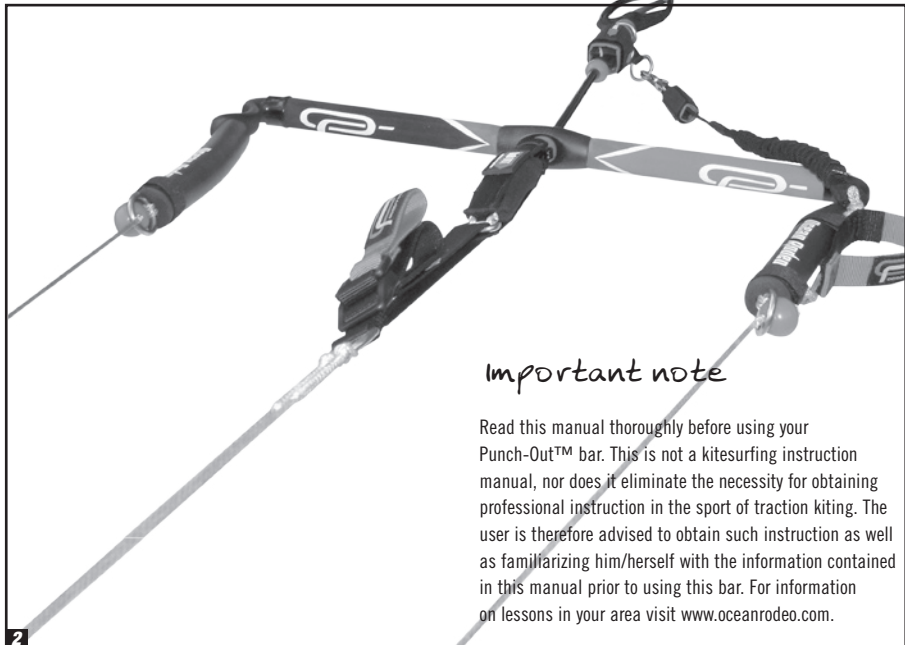
DuPont Safety
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PATENTED AND AWARD WINNING

PUNCH-OUT
BAR



Ocean Rodeo



Important note

Read this manual thoroughly before using your Punch-Out™ bar. This is not a kitesurfing instruction manual, nor does it eliminate the necessity for obtaining professional instruction in the sport of traction kiting. The user is therefore advised to obtain such instruction as well as familiarizing him/herself with the information contained in this manual prior to using this bar. For information on lessons in your area visit www.oceanrodeo.com.

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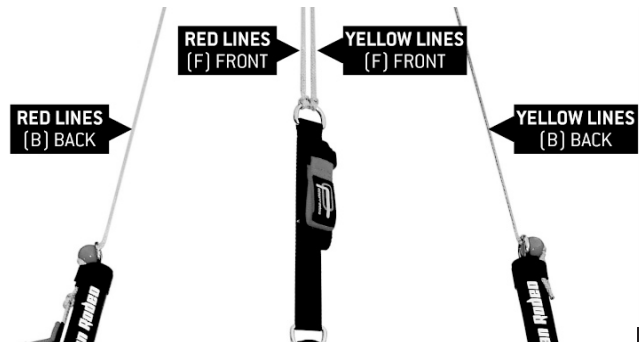
Caution Safety Warning: kite powered sports can be very dangerous and physically demanding. The user of this product should understand that participating in kite powered sports may involve serious injury or death and agrees to observe the following safety precautions:

- Get instruction specific to the type of kite power craft.
- Obtain first aid training and carry first aid and safety/rescue devices.
- Consult your physician prior to beginning kite powered sports training.
- Always wear a nationally approved personal flotation device when using a kite on water.
- Dress appropriately for weather conditions; cold water and/or cold weather can result in hypothermia.
- Check your equipment prior to each use for signs of wear or failure.
- Never kite alone.
- Do not kite in overpowered, gusty wind conditions.
- Do not kite in offshore wind conditions.
- Before launching from an unfamiliar site be aware of any dangers (rocks, reefs, currents, changeable weather, etc).
- Scout unfamiliar sites before launching. Never launch from an area with any obstacles closer than 2 line lengths downwind (people, rocks, etc).
- Do not kite near power lines!
- Do not ask a non-kiter to assist in the launching or landing of a kite.
- Do not launch kite while hooked into a harness!
- Always use the kite leash.
- Always prevent kites from inadvertently launching on land by weighting with sand, gravel, etc.
- Always announce when you are going to launch your kite so people can be prepared to move in the event of a gust or a problem.
- Disable an unattended kite by removing the lines, and then placing the kite leading edge down, facing the wind, and weighting with sand, gravel, etc.
- Do not exceed your kiting ability; be honest with yourself.
- You must not use alcohol or mind altering drugs prior to using this product.
- Do not modify or remove any release systems.
- Stop use immediately if your release systems are not functioning 100%.

Attaching the flying lines

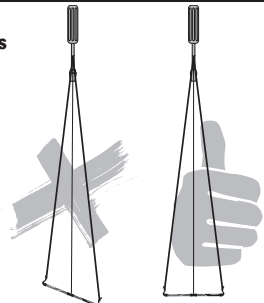


Unwind the leaders on the Punch-Out™ bar [1]
Unwind the flying lines such that the ends that have the woven tabs are away from the Punch-Out™ bar (at the kite end).

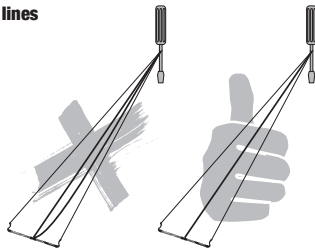


Larks head [2] the flying lines onto the appropriate leaders using the 2nd knot from the end. Note the flying lines are color-coded and marked front (F) and back (B). Set the lines so that the red is on the left. The back (B) lines attach to the outside leaders and the (F) front lines attach to the middle (on the trimstrip leaders).

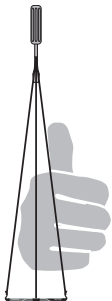
Back lines



Front lines



Overall all lines equal length



Tuning the Lines

It is very important that your lines are tuned properly. Make a habit of checking them regularly. Attach all four lines to an immovable object (nail or screwdriver pushed into the ground, etc).

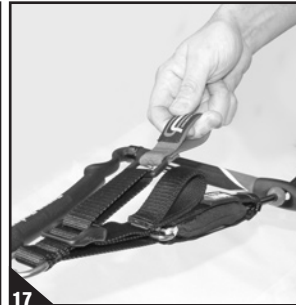
Pick up the Punch-Out™ bar and make sure that the trim strap is extended as long as possible (pull the red strap). Now pull on your Punch-Out™ bar to check your rear outside lines. If the bar is not square (perpendicular) to

the centerlines, then adjust the length using the knots on the leader line. Next check to see that your front lines are the same overall length as your back lines. Use the knots on the trim strap pigtails to adjust. It is also a good idea to check to see if your front lines are of equal length. To do this let go of the bar and hold the trim strap. Pull on the strap until the front lines are tight and then slowly release your pull. As you release, check the lines. If one is longer it will bow down more than the other. Adjust using the trim strap pigtails.

Note - If at any time your rear lines are shorter than your front lines, your kite will not fly properly. Lines do stretch so make sure to check them.



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Tuning the Trim Strap

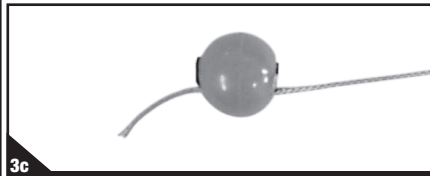
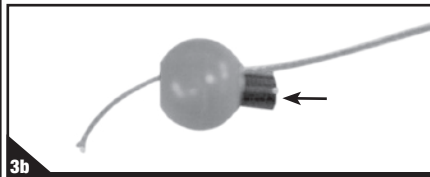
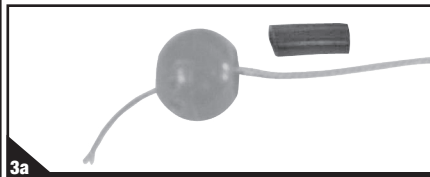
The trim strap allows for micro-adjustment of your front lines.

Pulling the black loop will shorten the front lines, reducing the power in the kite [16].

Pulling the red loop will lengthen the front lines, increasing the power in the kite [17].

Note - It is a good idea when launching or landing the kite to depower (pull the black strap).

Leash Bar Stopper



It is very important that the stopper for your Punch-Out™ bar is located in the correct place on the rear leash line in order to de-power your kite completely. The bar stopper consists of two parts, a hollow tube and a plug [3a].

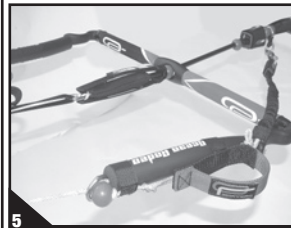
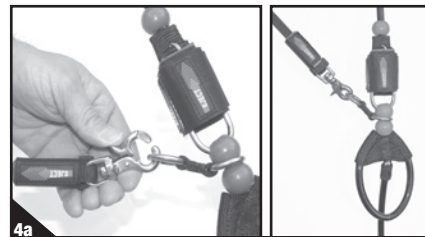
Step 1 [3b] Slide the tube on to your rear leash side flying line and move it down towards your Punch-Out™ bar.

Step 2 [3c] Push the plug into the tube to secure it to your line. The stopper should be set at a distance of at least 80% of the span of your largest kite away from the Punch-Out™ bar. The easiest way to set it is to lay out your largest kite, with the leading edge tube uninflated, and have someone hold your bar at one wingtip. Then move the stopper until it is equal with the end of the other wingtip.

Leash System

This Punch-Out™ bar has a rear line-ride leash that you can hook to your harness or the trim loop. [4a].

When hooked to the trim loop you can spin the Punch-Out™ bar. For safety we recommend having the leash hooked onto the harness when launching the kite.



Note - when the leash is hooked to the trim loop, the grab handle is not functional until the Punch-Out™ or manual release is used first [5].

We recommend using the lock-in tube when hooked into the trimloop. To activate the lock-in tube, place the end through the loop end of the spreader bar hook [6].

Release Systems

There are two methods of releasing the trim loop, the **Punch-Out™ release** and a **manual release**.

Ocean Rodeo Punch-Out™ bar set and ready for use [7].

Note - Bar can be set up with end of bar spinning leash (re ride up back line), or 5th line.

Chicken loop can be released by Punch-Out™ (with both hands on bar thrust bar forward) or manually (grab EJECT release cuff)



The **punch-Out™ release** is activated by hitting the shock/trigger with full force, providing full force is used. This activates the trigger, which in turn releases the trim loop from the bar.

Bar activated punch out sequence.

Thrust bar forward and smash bar into Shock and release trigger with full force! [8]

Note - "shock" protects trigger from the bumps and taps encounter during a normal session



With release blow delivered the Punch-Out™ trigger is activated, pulling the EJECT release cuff with it [9] you are now only attached to the kite by your safety leash system, and free of the kites power.



Bar is now pulling away, while chicken loop and leash remain attached to the rider [10]. Bar slides up rear line, depowering kite. Safety Leash features manual EJECT release cuff.



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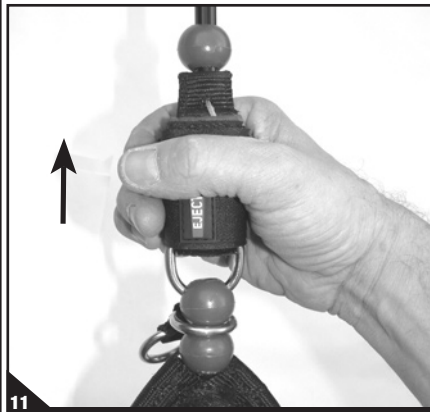
11

The **manual release** is activated by grasping the 'Eject' release cuff and then pushing it away from you [11]. This releases the kite from the trim loop and then the leash will be activated.

Note - that if the lock in tube is not placed in the spreader bar, it is possible to lose the trim loop.

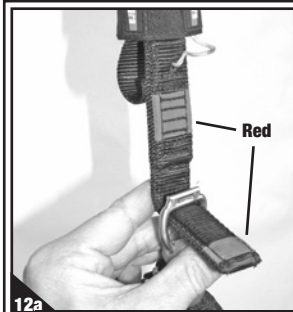
To reset the trim loop release:

- 1 Pass the stiffened webbing end of the release (with the red tab) through the D ring [12a].
- 2 Fold the stiffened webbing end of the release back on itself so that the two red tabs meet [12b].
- 3 Grasp the Eject release cuff and pull down over the release webbing until it is snug (make sure the Punch-Out trigger line is correctly routed [12c], [12d]).
- 4 Reset the Velcro on the grab handle to the bar float [12e], [12f].



11

12



12a



12b



12c



12d



12e



12f

Leash Release

To release the leash:

Grasp the Eject release cuff [10] and push away from you.

To reset:

- 1 Pass the stiffened webbing end of the release (with the red tab) through the end of the clip [11a].
- 2 Fold the stiffened webbing end of the release back on itself so that the two red tabs meet [11b].
- 3 Grasp the Eject release cuff and pull down over the release webbing until it is snug [11c].

Note - we highly recommend practising the release procedures on land so as to familiarize yourself with how to do it. It should be instinctive.



10



11a



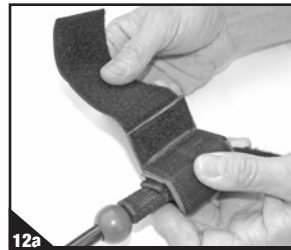
11b



11c

Release cuff tension

Note [12a], [12b] It is possible to change the release force required on the releases by resetting the Velcro on the Eject release cuff. If you do reset the Velcro, be sure to test the release on land to ensure it will release correctly. Too loose and the releases might release accidentally. Too tight and they may require too much force to release.



12a



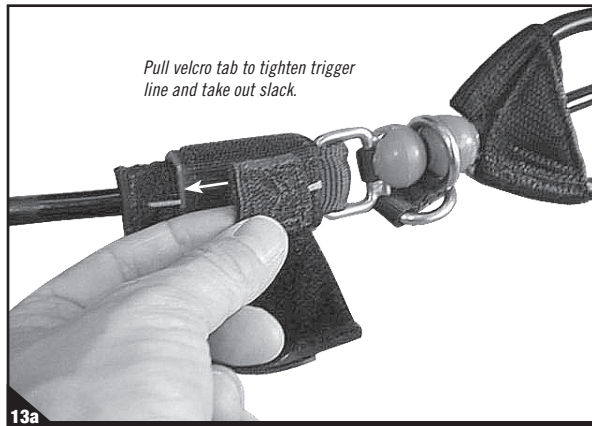
12b

Trigger Line tension

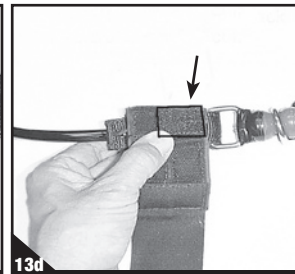
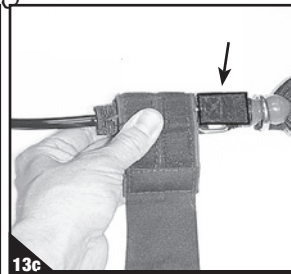
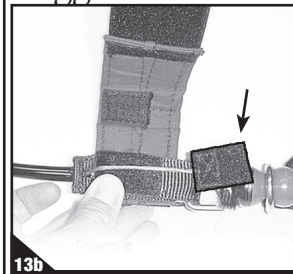
It is also possible to adjust the tension on the Punch-Out™ bar trigger line by moving the Velcro tab first then by moving the Velcro tab up towards the bar, it will increase the tension on the trigger line. Moving the Velcro tab down will decrease the tension on the trigger line.

Warning

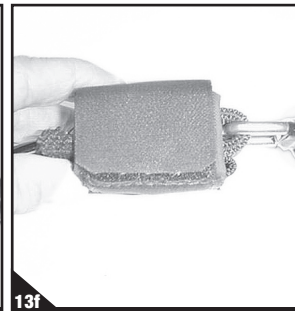
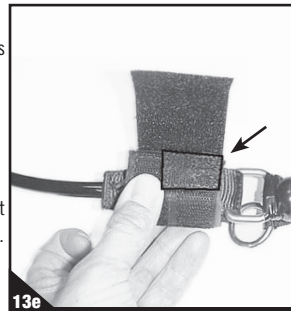
Improper setting on your Punch-Out™ bar trigger line will disable your Puch-Out™! Make sure that the trigger line is routed as in [13b - 13f]



Trigger line routing



Lay trigger line down so that velcro tab is by bottom of release [13b].
Fold velcro release cuff over so that it covers the trigger line [13c].
Fold velcro trigger line tab back onto velcro of release cuff [13d].
Wrap velcro release cuff around so that it overlaps the velcro trigger line tab [13e].
Continue wrapping velcro release cuff around until velcro edges meet [13f].



Shock adjustment

Note - the force required to activate the punch-out™ can be reduced by removing two spars (one per side) from the Shock.

The Shock is attached over the Release Trigger to prevent it from the bumps and tips encountered during a normal session.

To remove spars from the Shock [14]:

1 Cut the zap strap at the base of the Shock. Be careful not to lose the short piece of black tubing that on the strap. Also note the alignment of the zap strap.

2 Grasp a spar and flex the Shock inwards. Remove one end of the spar at a time. Do not slide your fingers on the spar.

3 Repeat on other side.

Beginner Rider

1 Shock Spar per side = 16lb. of force to activate Punch-Out™ (2 total)

Intermediate to Advanced Riders

2 Shock Spars per side = 32lb. (4 total)



14a



14b



14c



14d

To reassemble the Shock [15]:

1 Pass zap strap through one end of Shock webbing.

2 Slide short piece of black tubing over zap strap, then pass zap strap through other end of Shock webbing.

3 Close zap strap (see picture). Make sure that it is pulled tight.

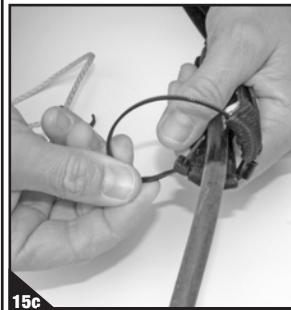
4 Cut off excess end of zap strap, leaving about 7mm, then tuck that end under.



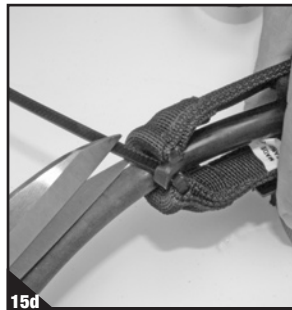
15a



15b



15c



15d



15e

PUNCH-OUT

TELEPHONE 6871854

6820 KIRKPATRICK CRES.
SAANICHTON BC CANADA
PLANET EARTH V8M 1Z9

250 544 4969
250 544 4967



info@oceanrodeo.com

www.oceanrodeo.com

OCEAN RODEO SPORTS INC.