



# STICK-SHIFT

KITE CONTROL BAR - FEATURING 13 SIDEWINDER BACK LINE TRIM.

## TAKE A LESSON!

**THIS MANUAL IS NOT A KITE LESSON! BEFORE YOU LAUNCH YOUR KITE, TAKE LESSONS FROM A PROPERLY CERTIFIED SCHOOL!**

For information on lessons in your area go to  
[oceanrodeo.com/kiteboarding/L2K](http://oceanrodeo.com/kiteboarding/L2K)

### IMPORTANT NOTE

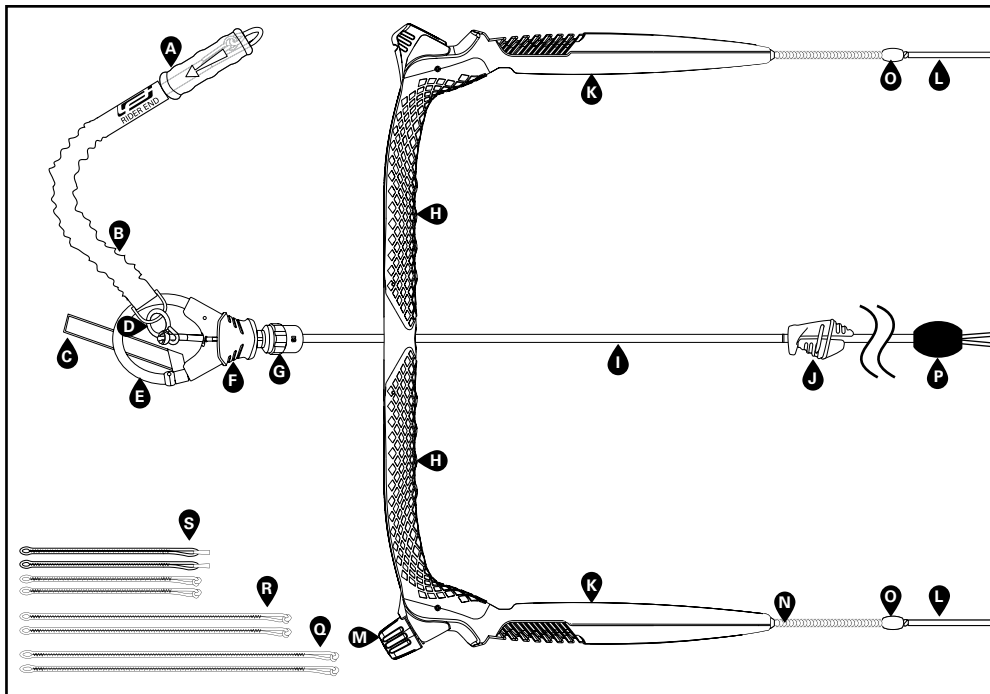
Read this manual thoroughly before using your new kite control bar. This is not a kiteboarding instruction manual, nor does it eliminate the need for professional instruction in the sport of traction kiting.

The user is therefore advised to obtain such instruction as well as familiarizing him or herself with the information in this manual, prior to the use of the accompanying kite control bar and line set.

For more information and a listing of certified schools in your area, visit  
[oceanrodeo.com/kiteboarding/L2K](http://oceanrodeo.com/kiteboarding/L2K)

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A .....	KITE LEASH RELEASE CUFF	N .....	R3 FORCE TENSIONER SYSTEM
B .....	KITE LEASH	O .....	FORCE TENSIONER SPRING CAP
C .....	LOCK IN TUBE	P .....	R3 LINE SPLITTER
D .....	LEASH ATTACHMENT RING	Q .....	35cm PIGTAILS
E .....	TRIM LOOP	R .....	30cm PIGTAILS
F .....	PUSH AWAY RELEASE CUFF	S .....	20cm PIGTAILS
G .....	BELOW BAR SWIVEL		
H .....	GROOVE BAR		
I .....	LOCKING TUBE		
J .....	R3 G-STOP: BAR STOPPER		
K .....	BAR FLOATS		
L .....	BACK FLYING LINES		
M .....	R3 SIDEWINDER: BACK LINE TRIM TUNER		

## USING THE R3 SIDEWINDER

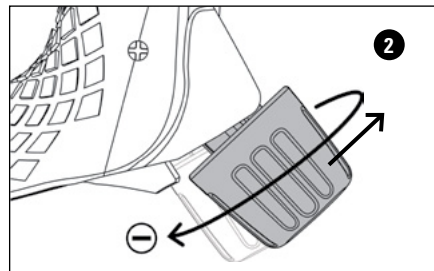
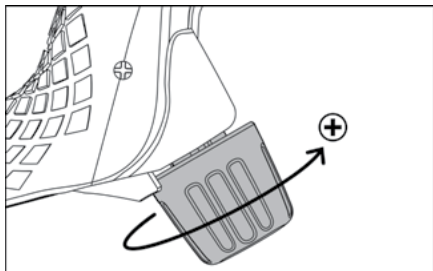
**NOTE:** While riding, the R3 Sidewinder should be located on your right side.

To add power: Twist the tuning knob clockwise (1). The winder will add  $\frac{1}{2}$  cm of trim for every quarter turn of the knob.

To depower: Bump or nudge the tuning knob outwards to allow the winder to unspool the wound up trim line in a controlled manner (2). Your hand does not need to leave the bar grip during this process.

Adjusting trim while riding: If the tuning knob feels too difficult to turn, sheet the bar out to decrease backline tension. Slightly bearing off down-wind can also provide the same effect.

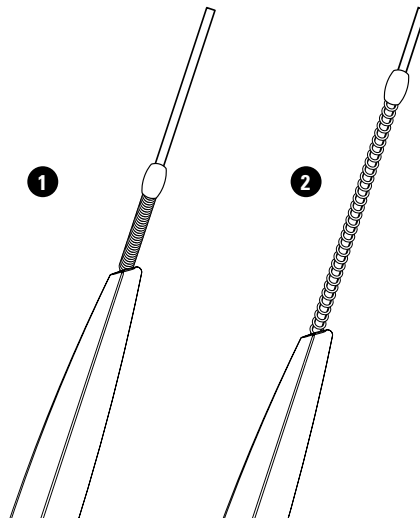
To rapidly depower: Nudge the winder and induce rotation in a counter-clockwise motion. This will allow the Sidewinder to skip multiple teeth on the gear and depower the kite quicker.



5

When the bar is at max power, the bar ends will appear as shown in image 1.

When the bar is at minimum power, the bar ends will appear as shown in image 2.



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## TUNING THE LINES

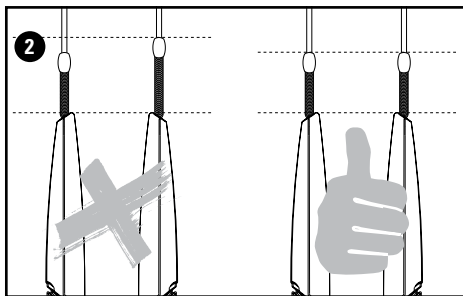
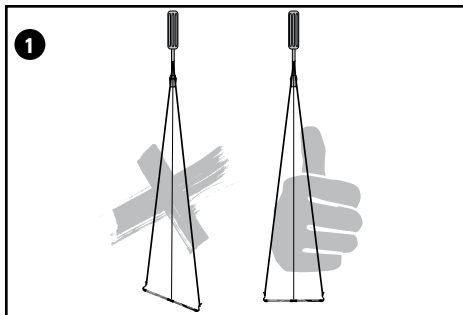
Your kite's performance relies on properly tuned lines! Make a habit of checking your line lengths regularly. Attach all four lines to a solid object (fence, line wrapped around a tree, etc.) Pick up the kite bar and make sure the winder is set for maximum power before tuning your lines. Now, pull on the bar to check your rear outside (back) lines.

If properly tuned, your bar should sit perpendicular to the Polyurethane locking tube (1) and both tensioning springs should be equally compressed. (2)

If the springs are not equally compressed when fully powered, the trimline has stretched and must be adjusted at the winder. **See page 8**

If the bar is not perpendicular to the locking tube, one of the back lines has stretched more than the other. **There are two ways to fix this:**

1.) If the difference between line lengths is small (<2cm), the shorter line can be stretched to make up the difference in line lengths. Remove all lines



except for the short line from the anchor point and pull on the bar until the line has stretched to the same length as the others.

2.) If the difference between line lengths is large (>2cm), you should adjust line lengths using your pigtails. **See the Pigtail Guide on Page 9 and 10.**

When the winder is set for maximum power, the front and back lines should be equal in length. If there are small differences between the back and front line lengths, this can be fixed using the stretching method described on page 5. If there is a significant difference in line lengths, pigtails can be added according to the directions on page 9 and 10.

If the springs are not compressed the same amount while fully powered: The interior trimline has stretched. **To fix this:**

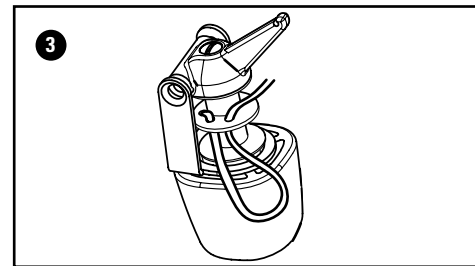
- Measure the difference between the two spring lengths when fully powered. Divide this number by 2. This is the length of line that must be shifted from one side of the winder to the other.

- Completely depower the bar by unwinding the Sidewinder to the minimum power setting.

- Using a small flathead screwdriver, loosen the knot attaching the line to the winder assembly.

- Once you have developed slack in the trim-line-winder knot, slide the appropriate length of line through the winder assembly that was calculated in Step 1. (3)

- Adjust the Sidewinder to full power to verify that the force tensioner springs are now compressed the same amount. Repeat from Step 1 if necessary.



## PIGTAIL GUIDE

### Warning:

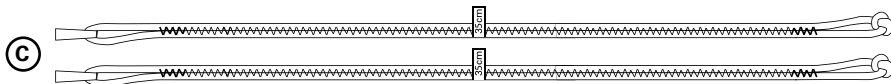
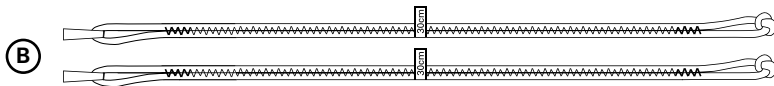
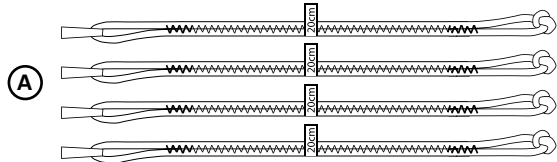
Before riding with your new Ocean Rodeo Stick-Shift kite control bar, please ensure you are using appropriate pigtails and that your kite is rigged properly.

Included with your new Stick-Shift bar you have received:

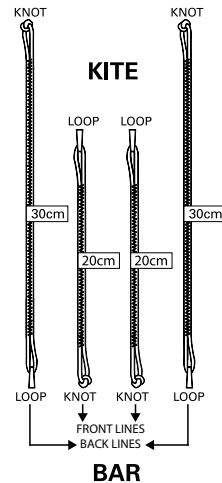
4 x 20cm pigtails (A)

2 x 30cm pigtails (B)

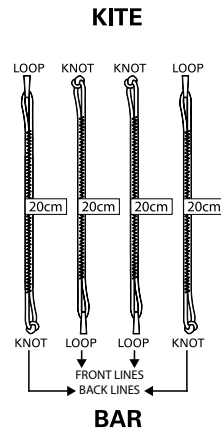
2 x 35cm pigtails (C)



OCEAN RODEO UP TO 2017



MOST OTHER BRANDS & POST 2018 OCEAN RODEO



### Note:

For Ocean Rodeo kites from 2017 and older, if there is noticeable front line stretch: Use 35cm pigtails (C) to lengthen the backlines to offset this.

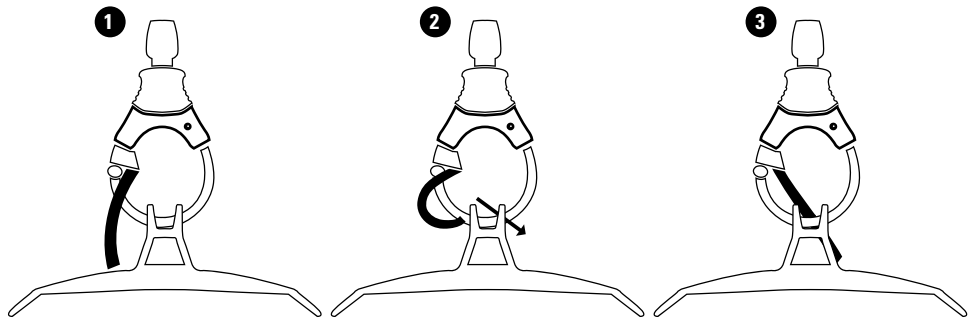
For all other kites:

Use 30cm pigtails (B) to lengthen the backlines to offset this.

## USING THE LOCK IN TUBE

The lock in tube helps keep your trim loop hooked in if you have slack or minimal tension on your lines while riding.

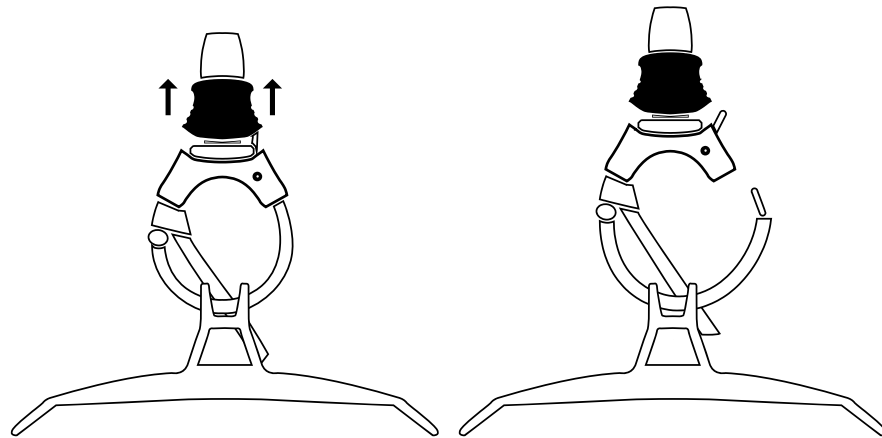
To use the lock in tube, simply flex the tubing into the head of the harness, under the trim loop.



## TRIM LOOP RELEASE CUFF ACTIVATION

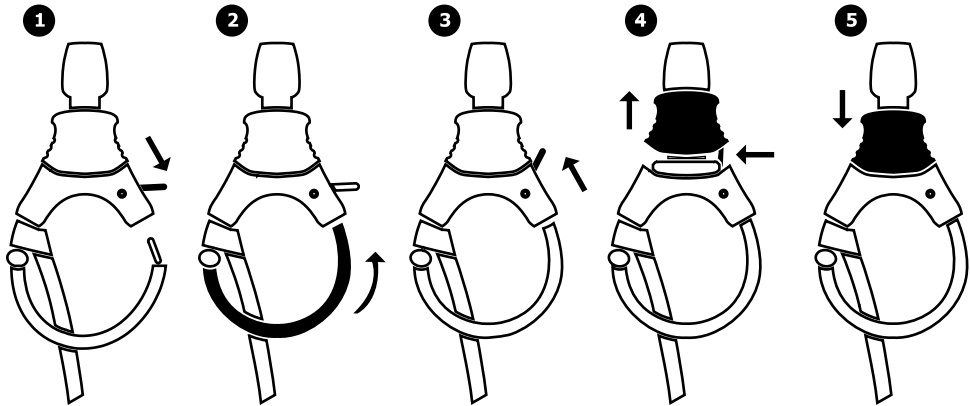
To separate yourself from the trim loop in an emergency situation, push the orange release cuff (located on the chicken loop hub) away from you.

So long as your kite leash is attached to the center line leash attachment, the control bar will ride up the center safety line and depower the kite.



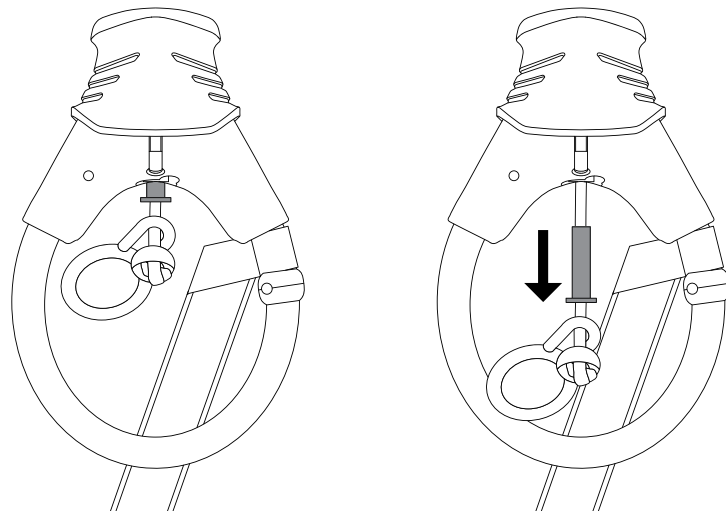
## TRIM LOOP RESET

- To reset your trim loop, push the metal retaining pin down. (1)
- Slide the metal box ring over the retaining pin and push into place. (2)
- Push metal retaining ring up towards release cuff. (3)
- Holding pin in place, slide release cuff up. (4)
- Slide retaining pin under release cuff and let cuff snap back into place. (5)



## NOTE:

To increase the life of your Trim Loop and lines, ensure the Front Line Re-ride Sleeve and interior channel of Trim Loop is free of sand and debris. Do this by pulling out the leash connection ring and flushing these components with water before or after each session.



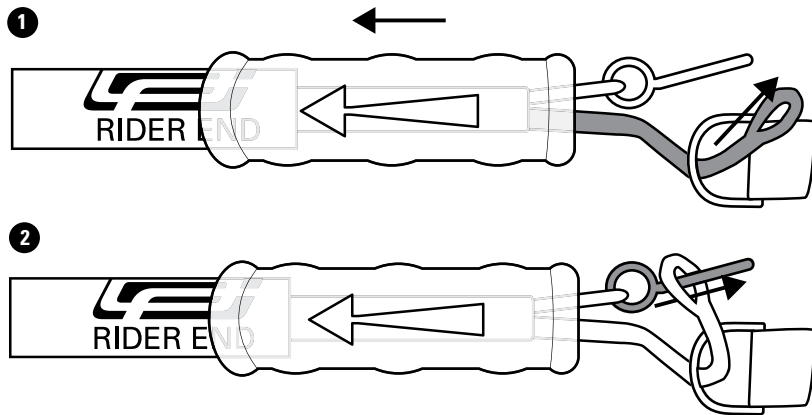


## KITE LEASH ATTACHMENT

**NOTE!** It is extremely important you attach your leash to the kite with the leash release cuff closest to your harness!

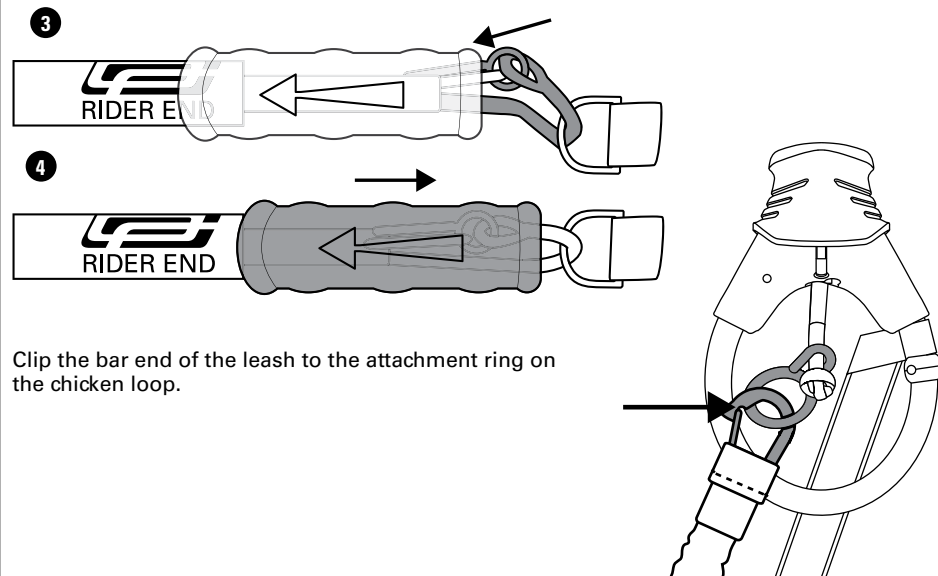
Pull the release cuff up and slide the "Rider End" loop through the harness' D ring. (1)

Push the retaining pin through the loop. (2)



Fold the retaining pin and loop back, tucking them under the release cuff. (3)

Allow release cuff to slide back into place, securely locking the leash to the harness. (4)

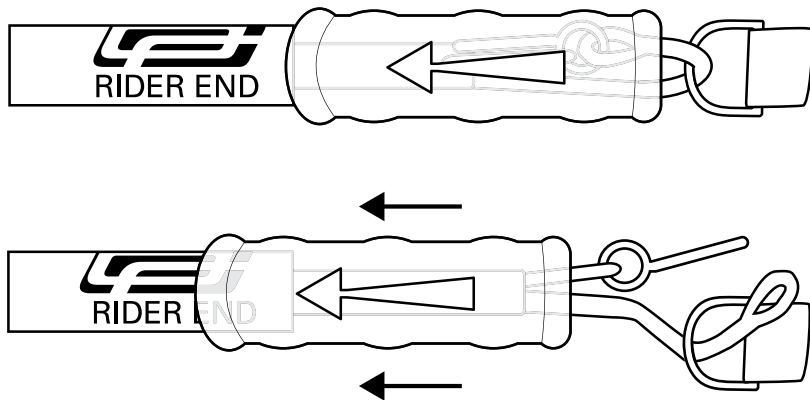


Clip the bar end of the leash to the attachment ring on the chicken loop.

## KITE LEASH SAFETY RELEASE

**NOTE:** Always test your safety systems!

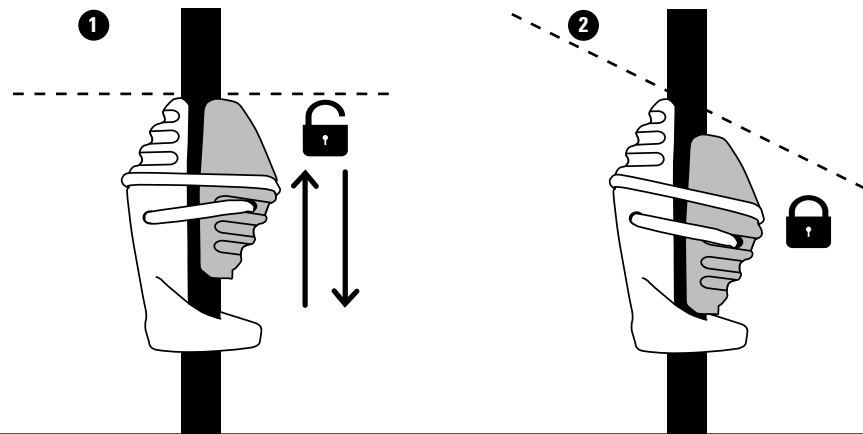
To eject your leash, simply push the cuff away from you.



## USING THE R3 G-STOP (BAR STOPPER)

To adjust the stopper position on the locking tube, align the top edges of both stopper components (1).

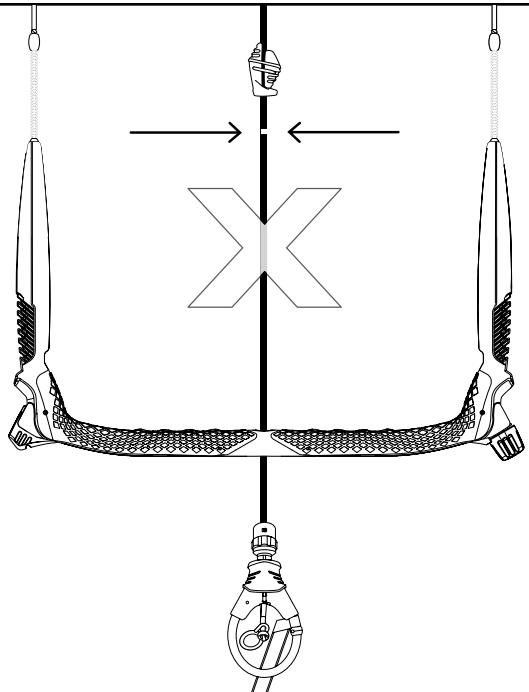
To lock the stopper in place, tap it with your control bar. This will offset the two stopper components and engage the friction pad locking mechanism (2).



## Warning:

Do not move stopper below safe-line marked on locking tube.

**NOTE: Locking the Bar Stopper below this line will prevent the kite from depowering and could lead to serious injury or death.**



## THE R3 FORCE TENSIONER SYSTEM

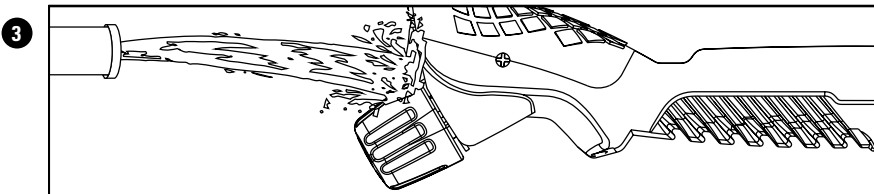
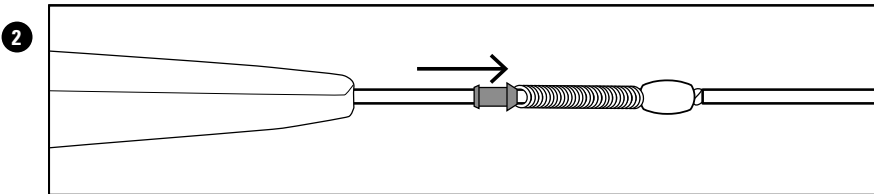
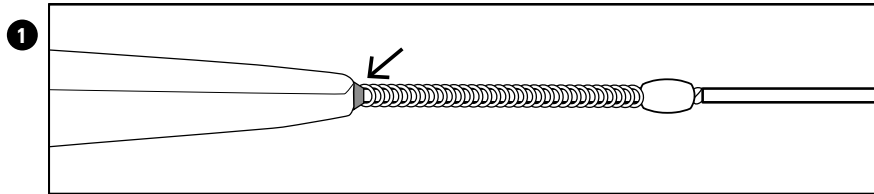
The tensioning system allows the user to depower their kite when there is no tension on the back lines.

To keep the tensioning system free from sand and debris, rinse it regularly. This can be achieved by simply dunking the bar in the water as you start your session.

Storing the bar with the tensioning system fully depowered will increase the life of the springs and prepare you for your next launch.

To increase the life of your lines and bar floats, flush the floats out with fresh water regularly. **To do this:**

- Make sure the winder is set to minimum power by winding the line all the way out.
- Remove the spring cap from the top of the bar float (1) & (2).
- Flush the float from the base with fresh water so that it flows out the top of the float (3).
- Replace the spring cap in the top of the bar float.

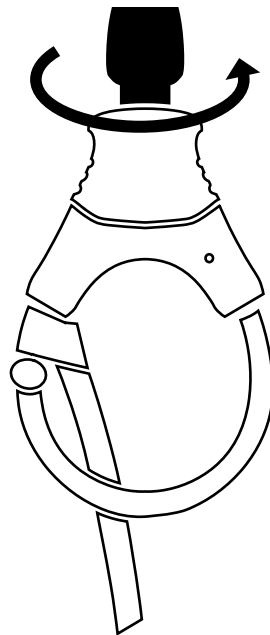


## BELOW BAR SWIVEL

Twisted front lines can affect the operation of your front line re-ride.

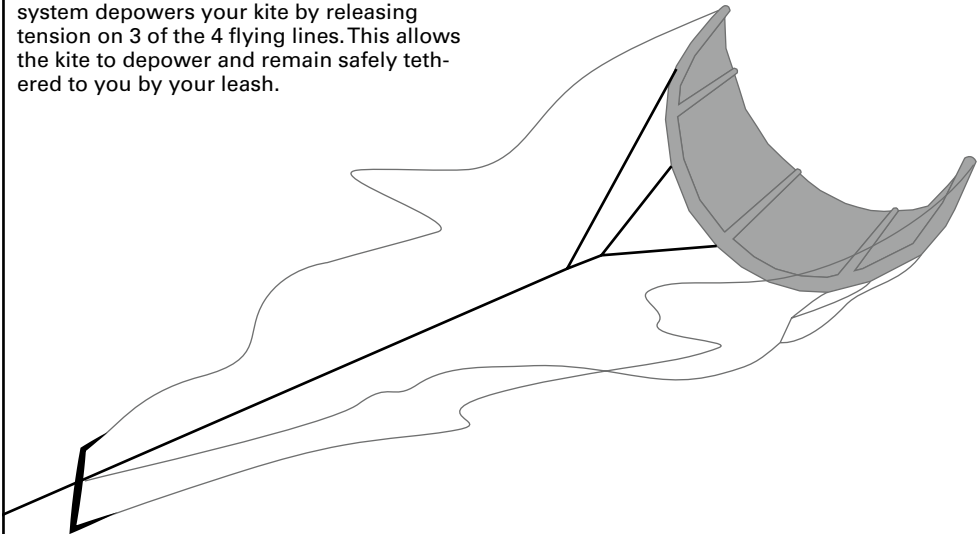
To correct twisted front lines: Grasp the swivel head and turn it in the opposite direction of the line twists.

**WARNING: Multiple twists in your front lines can create dangerous amounts of friction and prevent proper depowering when the front line re-ride system is activated. Untwist your lines regularly!**



## SINGLE FRONT LINE RE-RIDE

When activated, the control bar's safety system depowers your kite by releasing tension on 3 of the 4 flying lines. This allows the kite to depower and remain safely tethered to you by your leash.



## LINE STORAGE BUNGEEES

Use bar end line bungees to secure your kite lines for tangle free storage.



## STORING AND CARING

For smooth operation; if your bar is covered with sand or debris, give it a quick rinse in the water before and after riding.

To avoid tangles, we suggest you wind your lines in a figure 8 pattern around your bar ends. This 'end over end' approach will prevent coils in your lines and allow you to smoothly run them out again for your next session.

Thoroughly rinse with fresh water after each session and store out of direct sunlight.

**Warning!**  
**Knots can easily form in your flying lines! Especially close to the kite end of your lines. Always inspect for and remove knots when found. Knots weaken your flying lines! Lines with immovable knots should be replaced!**

## WARRANTY

All kite control bars are covered by a one year warranty offered to the original purchaser on workmanship and materials. Warranty is limited to the repair or replacement at Ocean Rodeo's sole discretion. This warranty does not cover damage caused by normal wear and tear, misuse or negligence and does not extend to any other equipment possibly damaged in the event of a product failure.

This warranty is invalid and void if unauthorized repairs or modifications have been made to the equipment. Bars used for professional or commercial use (rentals, instruction, etc) are covered under a 30 day warranty only. Repairs or alterations not covered by warranty will be billed to the customer.

**Caution:** 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 agree to observe the following safety precautions:

- Get instructions specific to your kite and its safety systems.
- Be first aid certified and carry first aid and rescue devices.
- Consult your doctor prior to taking kite lessons.
- Always wear a nationally approved personal floatation device when on the water.
- Dress appropriately for the weather and water temperatures.
- Check your equipment's condition before every session; look for signs of use and potential failure.
- Never kite alone.
- Do not kite in overpowered or gusty conditions.
- Do not kite in offshore wind conditions.
- Before launching your kite at an unfamiliar location, scout for safety hazards and consult other kites in the area for possible concerns (rocks, reefs, currents, changeable weather, local 'best practices', etc).
- Never launch with obstacles or people closer than two full line lengths downwind.
- Never kite near power lines!
- Never ask a non-kiter to launch or land your kite!
- Always wear a kite leash! Never wear a board leash!
- Always weigh your kites with rocks or sand when on the beach to prevent inadvertent launch.
- Always announce your launch so people around you can be prepared to move or assist in the event of a problem.
- Do not exceed your ability. Be honest with yourself.
- Never use alcohol or other mind altering drugs prior to kiteboarding.
- Never modify or otherwise alter any safety or release system.
- Never kite if your release system is not fully functional.



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