



Carefully read this manual before using your kitesurfing equipment. Kitesurfing involves risks and may cause severe accidents.

The Leash Free Safety System (LFSS) does not exempt you from following basics safety rules: choose your kite size according to your level and the conditions (if unsure always choose the smaller size), always make sure your downwind area is free of obstacles (100 yards minimum), do not ride during off shore winds and before launching your kite, carefully check your line setup.



DESCRIPTION

1. Chicken loop: this chicken loop works also as your kite leash. It can be released if necessary.

2. Front line adjustment strap: use this strap to adjust the length of your front lines while still on the beach before riding.

3. Power strap: this strap allows you to manage the power of the kite while riding, if the wind goes up or down.

4. Swivel: the swivel allows you to undo the turns of your front lines accumulated during loops. Think about undoing the turns regularly. Turns in the lines may hinder the proper functioning of the Leash Free Safety System.

5. Back line adjustment straps: use these straps to adjust the length of the back lines on the beach or while riding.

6. Stop ball: this ball allows to stop the progression of the bar once the Leash Free Safety System has been triggered. The ball is located on a front line at 10 meters away from the bar connector.



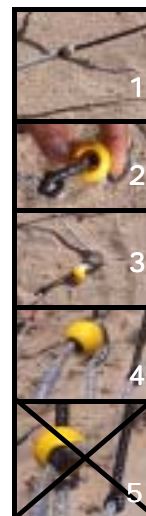
SETUP YOUR CARBON BAR

Setup your front lines, black tips: connect your front line (the one without stop ball) using a lark's head knot to the knot of the front leading line (1). Feed the front line with stop ball thru the steel ring of the front leading line than feed the line thru the yellow ball smaller opening to the kite (2), then connect the front line to leash PVC coated line using a lark's head knot (3). Correctly positioned the tip of the leash and the front line inside the hole of the yellow ball (4). The knot should remain inside the ball (5).

Setup your back lines, red and green tips: connect your red tip back line to the leading line equipped with the red adjustment strap using a lark's head knot. Repeat this step for the green line.

Setting up the LFSS on a 02/03 F-one bar:

Pull on the yellow ball to release the pin, feed the depower line thru the bar ring and reposition the pin. If you have a front line with an extension sleeving connect it to the leading line without the steel ring, otherwise the LFSS will not work. If you don't have a stop ball on the front line the LFSS will work but the bar will go further up.



SETUP

Line extensions: the F-one Carbon bar are equipped with 24m lines for the kites under 16sqm and 27m lines for 16 and 20sqm kites, plus 3meters extensions for all sizes.

Warning always connect the line extensions on the kite side of your lines. If you connect the extensions on the bar side, the LFSS will not work.

Add the 3 meter extensions in the lower wind range (underpower) = you gain, in power, in hang time, you loose in steering.

Remove the extension in the higher wind range (overpower) and surf = you loose power and gain in steering.

Front line adjustment strap: on land, pull on the strap to shorten the length of the front lines if your kite has too much power, and release the strap to lengthen you lines if your kite lacks power.

Power strap: for safety purpose always keep the entire length of the strap so you can pull on it if the wind picks up. Pull on the red strap (Power +) if the wind drops to increase power. Pull on the black strap (Power -) if the wind picks up to release the power.

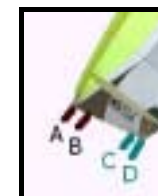
You can fine tune these bar setups with setup on the kite.

The Mach3 are equipped with 2 back connectors (C, D):

C = - steering, D = + steering

The Dream are equipped with 2 front connectors (A, B)

A = - power, B = + power



SAFETY RULES



Do not wait for an emergency to learn how to use your LFSS. Try it on a well open water area free of obstacle under your wind. Learn how to release but also how to reconnect.

For safety purpose always keep the entire length on your power strap in case wind picks up while riding.

Program two reflexes before launching your kite: make sure the ball fits well over the release pin, and make sure your chicken loop release handle is either on your write side of left side according to your liking so you always know where it is in case of an emergency.



Place the finger of the chicken loop inside your harness buckle to prevent your chicken loop to unhook by itself and having to hold the kite fully power by hand only. The chicken loop is your kite leash. It is releasable if necessary.



While riding, undo the turns in your front lines by turning the swivel. Too many turns can prevent the LFSS from working properly.

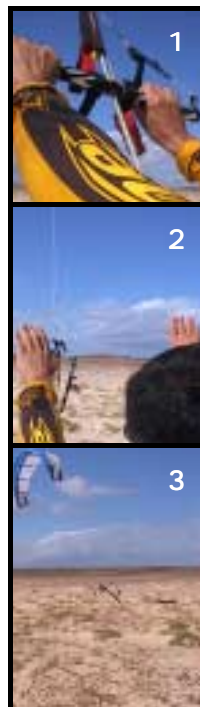
Regularly rinse with clear water the bar, lines and safety system. Also check the wear and tear of the connector, lines and balls.

Always connect your extensions kite side, and never connect front lines with extension sleeveings on the leader lines with the steel ring.

Do not temper with your Leash Free Safety System.

RELEASE THE KITE POWER

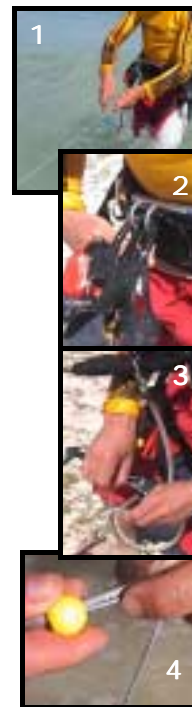
Strongly push on the bar until you hit the ball (1), by pushing the ball, you release the pin, thus the front line. Immediately let go of the bar (2). You bar will go up along the front line until it reaches the stop ball (3). Your only connection to the kite is by the chicken loop. The kite looses it power, might turn on itself a couple of time and finally land on the leading edge.



RECONNECT YOUR LFSS

Caution, it is highly recommended to practice reengaging the system to learn every moves. Practice on a well open area.

Your kite sits leading edge on the water. Pull on the front line connected to the depower line, until you can get hold of the straps (1). Connect the buckle from the strap to your harness buckle, while remaining connected to the chicken loop (2). This allows you to have both hands free in order to reconnect the release pin. Make sure your lines are untangled then reposition the pin and the ball over it (3). To reconnect the ball apply tension on the line with your fingers, and push the ball over the pin (4). Unhook yourself from the strap, and re-launch you kite.



RELEASE YOUR LEASH

Releasing your leash is the second safety which allows you to completely dissociate yourself from the kite if necessary. Caution, once released the kite, bar, lines can hurt someone located under your wind.

Warning: if you use a Wichard® release, the F-one release system, will not work. The chicken loop will not go thru the Wichard®.



Release your chicken loop: pull on the red handle and let go of it. Make sure you pull towards you in order to avoid releasing the Velcro located near the handle. This Velcro is there to undo the handle so your fingers do not get caught in the harness buckle in case you didn't let go of the red handle.



Reposition your chicken loop:

