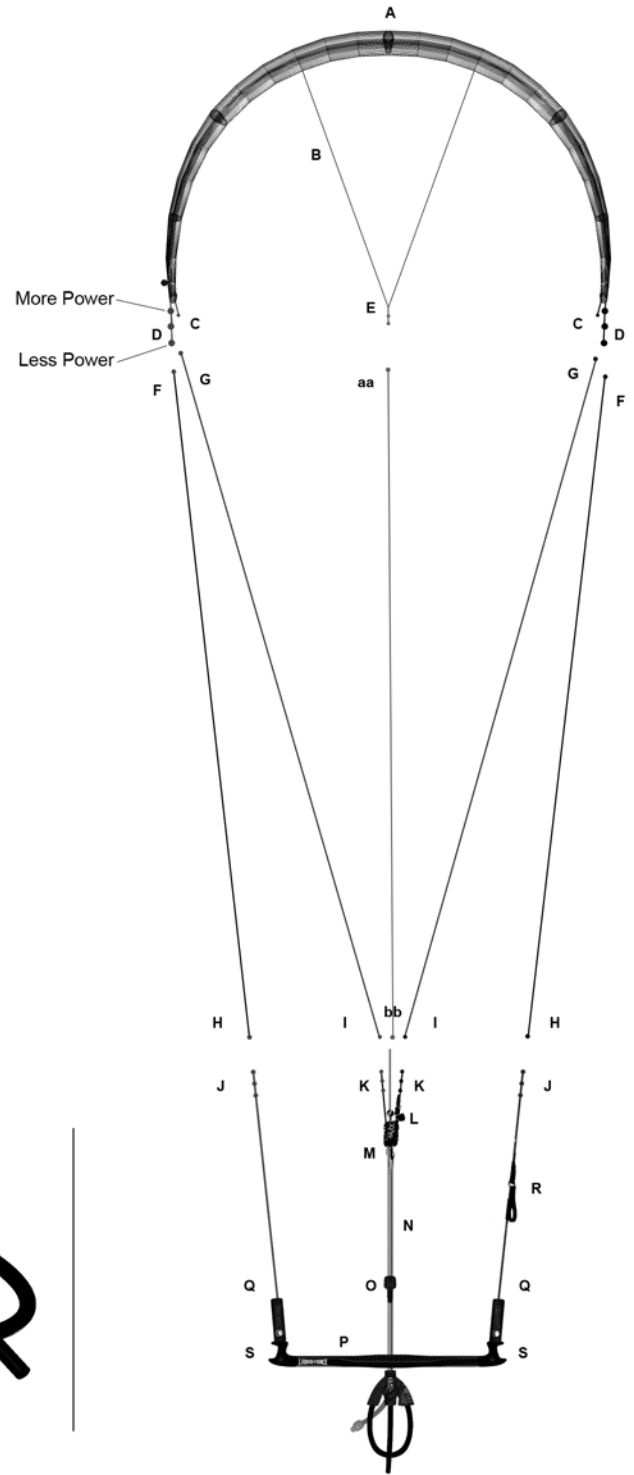
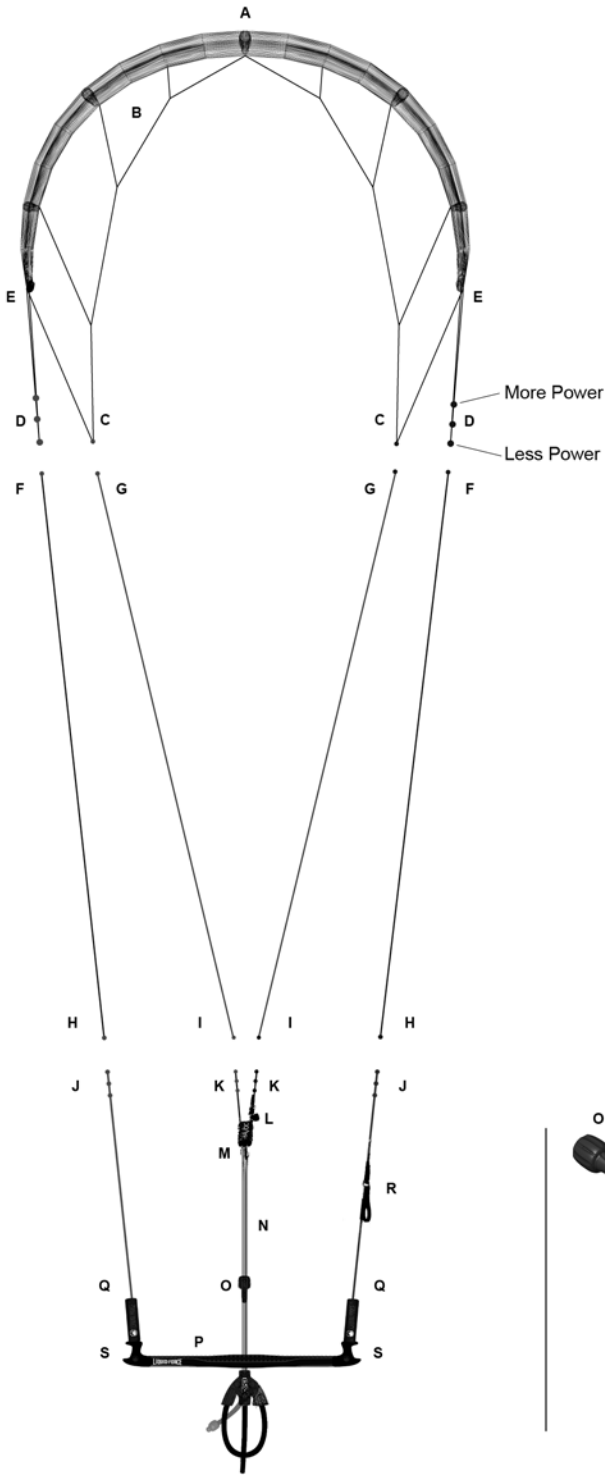


LIQUID FORCE  
*kite user manual*





**LIQUID FORCE HAVOC AND SESSION KITES**  
SUPPORTED LEADING EDGE SETUP

- A.** Kite
- B.** Static bridles system
- C.** Front bridles attachment points
- D.** Back bridles attachment points
- E.** Wingtip pulleys
- F.** Back line attachment points
- G.** Front line attachment points
- H.** Back line leader attachment points
- I.** Front line leader attachment points
- J.** Back leader attachment points
- K.** Front leader attachment points
- L.** HOLY SH...T front line ring
- M.** Power adjustment pulley
- N.** Power adjustment mainline
- O.** ON THE FLY stopper piece
- P.** Control bar
- Q.** Side Control bar leaders
- R.** HOLY SH...T back line ring
- S.** Winders and foams with bungees
- T.** 3D chicken loop molded body
- U.** Integrated power adjustment cleat
- V.** Quick release TAB
- W.** Removable security PIN
- X.** Adjustable length loop
- Y.** Torpedo piece
- Z.** Leash system with quick release

**LIQUID FORCE HIFI KITE**  
HYBRIDE 5TH LINE SETUP

- A.** Kite
- B.** 5th line bridles system
- C.** Front wingtips attachment points
- D.** Back wingtips attachment points
- E.** 5th line attachment points
- F.** Back line attachment points
- G.** Front line attachment points
- H.** Back line leader attachment points
- I.** Front line leader attachment points
- J.** Back leader attachment points
- K.** Front leader attachment points
- L.** HOLY SH...T front line ring
- M.** Power adjustment pulley
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- X.** Adjustable length loop
- Y.** Torpedo piece
- Z.** Leash system with quick release
- aa.** 5th line attachment points
- bb.** 5th line ball system



**RELAUNCHING THE LIQUID FORCE HAVOC AND SESSION KITES WATER, GROUND AND SNOW**  
SUPPORTED LEADING EDGE SETUP



To relaunch the Havoc or Session Kites with the leading edge down, start by allowing the kite to align and rest straight downwind. Initiate relaunch by pulling in on one outside leader line, about 1 arms length. Hold this leader line steady without releasing it.



Continue holding leader line in tight as the SLE bridle rotates the kite onto on wingtip and towards the edge of the wind window. Continue to hold the same outside line as kite moves towards the edge of the wind and into relaunch position.



With the kite rotated to flying position and at the edge of the wind window, steer the kite upwards while pushing the bar forward and sheeting out (depowering) the kite. This will put the tension onto the SLE bridle, allowing the kite to fly forward and into the air.



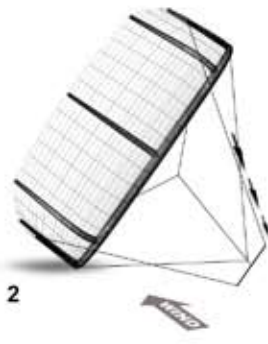
Fly the kite up and out of the water along the edge of the window into the neutral position. Check your gear, leash and depower system, and continue kiteboarding!



**RELAUNCHING THE LIQUID FORCE HIFI IN MODERATE TO STRONG WIND KITES WATER, GROUND AND SNOW**  
HYBRIDE 5TH LINE SETUP



In moderate or strong winds, your HIFI 5th line Hybrid Kite will relaunch the same as our Havoc / Session SLE Kites. Initiate relaunch by pulling in on one outside leader line 1 arms length and hold tension on that line.



Continue holding the same leader line in close as the tension works with the LF Diamond Wingtip to rotate the kite into launch position and towards the edge of the window. Continue holding the leader tension until kite is in flying position and at the edge of the window.



With the kite rotated into flying position and at the edge of the wind window, push away on the bar, sheeting out the kite and allowing the front and 5th lines to have tension. Steer kite upwards while sheeting out the bar.



Fly the kite up and out of the water along the edge of the window into the neutral position. Check your gear, leash and depower system, and continue kiteboarding!



**RELAUNCHING THE LIQUID FORCE HIFI IN LIGHT WIND KITES WATER, GROUND AND SNOW**  
HYBRIDE 5TH LINE SETUP



In light wind or on sheltered water, the HIFI kite uses the 5th line to initiate relaunch. With kite leading edge down, straight downwind of rider, initiate relaunch by pulling in on 5th line. Pull in 5th line until kite comes to rest on it's back.



With kite on it's back, straight downwind, initiate relaunch by pulling in on one outside leader line. Pull in 1 arms length of leader line and hold while kite begins to rotate and move into relaunch position at the edge of the wind window.



Continue holding in arms length of leader line as kite rotates up onto wingtip and moves towards the edge of the window. Keep holding constant tension and allow kite to move completely to the edge of the wind.



With kite now at the edge of the wind window and in flying position, push the bar away to sheet out the kite and allow the front and 5th lines to have tension, allowing the kite to fly forward and into the air.



Fly the kite up and out of the water along the edge of the window into the neutral position. Check your gear, leash and depower system, and continue kiteboarding!

**DEPOWERING THE LIQUID FORCE HAVOC, HIFI AND SESSION KITES ON WATER, GROUND AND SNOW**

**HOW TO DEPOWER THE KITE USING THE CLEAT**



Your LF control bar is equipped with a 3d molded chicken loop with integrated cleat for below the bar depower. For full power, set the depower mainline all the way out, with the line seated in the cleat just above the ball on the mainline.

To depower the kite using the mainline trim-depower cleat, pull in on the mainline the desired amount and seat the mainline into the cleat so that it holds tight.

**HOW TO SAFELY USE THE STOPPER PIECE**



**WARNING**  
 MAKE SURE YOU ARE RIDING AWAY FROM SHORE. OTHER RIDERS OR ANY OBSTACLE DOWNWIND OF YOU WHEN PUTTING THE STOPPER PIECE LOW ON THE MAINLINE

The LF control bar comes with an easy to use stopper piece allowing the rider to adjust the travel of the bar while riding. To adjust the stopper, simply push it away or pull towards you, allowing the stopper to slide up and down the mainline.

For reduced depower travel using the mainline or to ride with the bar against the stopper, set the stopper to the desired travel by sliding the stopper down the mainline to preferred position.

**THE CORRECT FUNCTION OF THE CHICKEN LOOP QUICK RELEASE ON THE LIQUID FORCE HAVOC, HIFI AND SESSION KITES**

**HOW TO RELEASE**



Your LF 3d Molded chicken loop has an integrated safety quick release built in to allow the rider to release the chicken loop from the harness in case of emergency.

To initiate quick release safety system, hold the RED quick release piece on the chicken loop and pull it towards the rider, allowing it to release. The system is designed to release under tension of a powered kite.

Pulling the red quick release piece until the piece slides out and away from the black chicken loop piece will allow chicken loop pin to release and safely free the kite from the rider.

**HOW TO SET BACK IN PLACE**



Your LF quick release is specially designed with a machined pin, to be easily set back in place after deployment... even from the water. To begin to set back in place, Put the red quick release piece back into place on the chickenloop.

Insert quick release pin back into slot, pushing on the chicken loop to feed pin into slot. By pushing on chicken loop, pin will feed into slot and out between the red piece and the chicken loop.

Pull the red quick release piece out enough for the quick release pin to fold down under the release piece. Push the pin down into slot and slide red quick release piece over pin and into standard riding position.

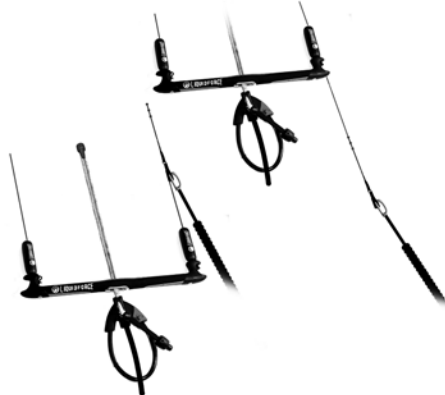
**SAFETY LEASH FOR HAVOC, HIFI AND SESSION KITES.**

**90 % DEPOWER SETUP  
 HAVOC, HIFI, SESSION**



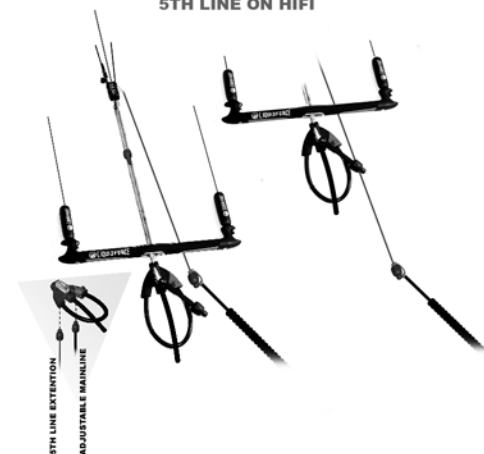
Your 2008 LF kite is designed to have your safety leash connected to your mainline trim, below the bar. Clip leash end onto reinforced black tail on mainline trim depower, at the chicken loop. When bar is released, safety leash will pull in on mainline as bar travels up 1.5 meters, with the kite %90 depowered and resting on the front lines/bride.

**100 % DEPOWER SETUP  
 HAVOC, HIFI, SESSION**



For 100% depower option for your leash, or to self land the kite, or flag it out for any reason, your LF bar comes equipped with outside line safety-oh shit handle. Clip your leash to the ring attached to flying line, which allows bar to slide up the line, while tension of the kite just on the one outside line.

**100 % DEPOWER SETUP  
 5TH LINE ON HIFI**



For 100% depower using the 5th line on your HIFI kite, you will need to use the included 5th line extension. Clip the extension into the ring attached to the 5th line- below the ring that holds it in place, so that the bar will easily slide away when holding only the extension. Clip your leash onto 5th line extension, with extension coming below/behind the bar.

## Release of Liability, Claim Waiver and Assumption of Risk Agreement

By inflating the leading edge and assembling this product, you are agreeing to:

- 1) be bound to the terms set forth below;
- 2) require anyone using this product to be bound by such terms.

### Assumption of Risk

Use of this product and any of its components involves certain inherent risks, dangers and hazards, which can result in serious personal injury and death. In using this product you freely agree to assume and accept any and all known and unknown risks of injury while using this equipment. The risks inherent in the sport can be greatly reduced by abiding by the Warnings and Guidelines listed in this User's Guide and by using common sense.

### Release and Waiver of Claims Agreement

In consideration of your use of this product, you hereby agree to the following, to the fullest extent permitted by law: To waive any and all claims that you have or may in the future have against Liquid Force, or any of its agents, resulting from use of this product and any of its components. To release Liquid Force, or any of its agents from any and all liability for any loss, damage, injury or expense that you or any users of this product may suffer, or that your next of kin may suffer, as a result of the use of this product, due to any cause whatsoever, including negligence or breach of contract on the part of Liquid Force or its agents, in the design or manufacture of this product.

### Arbitration

In further consideration of the sale to you of this product and any of its components, you hereby agree to submit to binding arbitration any and all claims, which you believe you may have against Liquid Force, or any of its agents, arising from the use of any of the Liquid Force equipment. The arbitration shall be pursuant to the rules of the American Arbitration Association.

Arbitration shall be commenced within one (1) year from the date on which any alleged claim first arose. Further, the arbitration shall be held in San Diego, California unless otherwise mutually agreed to by all parties. The submission to the American Arbitration Association shall be limited and the arbitration award may be enforced by any court of competent jurisdiction.

### Binding Effect of Agreement

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.

### Entire Agreement

In entering into this Agreement, you are not relying upon any oral or written representations other than what is set forth in this agreement and User's Guide.

## Read the following points before assembling your kite:

### Warning:

- Kite flying can be dangerous.
- Always use extreme caution when using this product.
- Misuse of this product can cause serious injury or death.
- Only use this product if you are in good physical health.
- Never act in a careless manner when using this product (such as jumping in the air, or tying yourself down).
- You are responsible for your own safety, and the safety of others around you when using this product.

### Important Safety Rules

- This product is not a personal flotation device. Always wear a Coast Guard approved personal flotation device when using this product near the water.
- Always have a partner to assist with launching and landing your kite.
- Always learn to use a small two-line stunt kite before attempting to use this product.
- Never allow anyone who is not familiar with traction kiting to use this product without experienced assistance.
- Never use this product without a leash system. A loose kite is extremely dangerous to everyone down wind.
- The leash system is not a permanent attachment to this product. Never permanently attach yourself to the kite or any of its components.
- Always wear a helmet, gloves, shoes, and protective eyewear when using this product.
- Always use a high quality, kite specific harness.
- Before using this product take lessons from a reputable school. Do not attempt to fly a kite without being trained by a kite instructor.
- Practice and master the operation of your safety quick release device in light wind- non emergency situations, so you are confident in it's use in the chance of an emergency.
- Rinse your Quick Release device in fresh water after every session. Quick Release devices have a limited lifetime and must be checked and changed often.
- The Quick Release Trim Loop and your leash equipped with a quick release must be changed after 250 hours of kiting. Change them sooner if you see any sign of wear. The wearing of your Quick Release devices is not considered a warranty issue.
- Always secure kite to ground with sand or sandbags when not in use.

### Choose Safe Weather Conditions

- Never learn to use this product in more than 10 knots of wind.
- Never use this product in high winds.
- Never use this product in thunderstorm and lightning conditions.
- Only use this product when you can remain in a standing position.
- Never use this product in wind conditions that are above your ability level.
- Never use this product near or on the water in offshore wind conditions unless you are an expert swimmer.

### Choose a Safe Location

Always observe local rules and regulations when using this product.

- Never use this product near power lines, telephone poles, trees, bushes, roads, automobiles, or airports.
- Only use this product when you have 100 meters of clear space downwind, and on both sides of your launching position. The power of the kite can pull you downwind unexpectedly and with great force.
- Do not fly your kite over other people or pets. Spectators should remain upwind of you when using this product.
- Never use this product on crowded beaches or fields.
- Never use this product near the water unless you know how to swim and are in good physical health.
- Practice launching and landing procedures, and self rescue techniques before using this product near the water.

### Use Caution with Flying Lines

- Never touch the flying lines when the kite is in use. Flying lines are extremely dangerous while under tension and can cause serious injury or death.
- Never use this product with worn lines. A line that breaks while under tension can cause serious injury or death.
- Always check your flying lines for knots before each use. Knots greatly reduce the strength of the lines.
- Stay away from tangled flying lines unless the kite is secured to the ground. An unsecured kite can self launch unexpectedly, and can cause serious injury or death.
- Never allow yourself, or anyone else, to get between the control bar and the kite when using this product.

## Taking good care of your kite

- Pulleys-** Make sure that all the pulleys are in good working order before each session. Rinse them with fresh water after each session to keep them sand and debris free.
- Sun-** Ultraviolet radiation is the enemy of all fabrics. Your kite will last a long time in even the most extreme sun, but care should be given not to subject the kite to unnecessary exposure. For instance; if you have more than one kite rigged on the beach, put the one you are not using in the shade.
- Heat-** Bladder pressure increases when the air inside gets hot. Be careful of kites left on dark surfaces (black sand, asphalt) as the pressure in the bladders may cause damage to the kite. Don't leave struts fully inflated inside a hot car.
- Sand-** Try to keep sand from sitting in the crease between the inflated frame and the canopy. Sand left here will act as a constant source of abrasion.
- Rocks-** Rocks, coral, sticks and other beach debris are potential puncture hazards for any kite.
- Bladders-** Keep sand and water out of the internal bladders. If deflating the kite on the water, close valve afterwards.
- Storing-** Only pack your kite away after it is completely dry. The combination of a kite stored while still wet, and or heat can cause colors to transfer.
- Pump-** Apply even pressure on both sides of the pump handle while pumping kite, to decrease the possibility of handle failure.
- Self-launch-** Use caution when self-launching in windy conditions as this puts a lot of strain on the leading edge.
- Leading edge-** Do not allow the leading edge to bend backwards. Use care when handling on the beach during launching or landing to keep the leading edge in its proper "C" shape. The kite is not designed to be bent backwards. Straightening or bending the leading edge backwards puts tremendous strain on the fabric.
- Shore Break-** Be aware of the stress on a kite from waves and shorebreak. Even small shore break can be brutal on a kite. Not only does the shorebreak carry sand into every crevice on the kite, but moving water can rip the kite skin.
- Miscellaneous-** Always be aware of potential hazards to your kite: Impact zones, shore breaks, power lines, bushes and trees are even the most durable kite's worst nightmare.

## WARRANTY

Liquid Force warrants this product to be free from major defects in material or workmanship to the original purchaser for a period of ninety (90) days from the date of purchase. This warranty is subject to the following limitations:

The warranty is valid only when this product is used for normal recreational activities, and does not cover products used in rental or teaching operations.

Liquid Force will make the final warranty determination, which may require inspection and/or photos of the equipment, which clearly show the defect(s). If necessary, this information must be sent to the Liquid Force distributor in your country, postage prepaid. Product can be returned only if a return authorization number (WARRANTY) is given in advance by the Liquid Force distributor. The WARRANTY number must be clearly labeled on the outside of the package, or it will be refused. If a product is deemed to be defective by Liquid Force, the warranty covers the repair or replacement of the defective product only. Liquid Force will not be responsible for any costs, losses, or damages incurred as a result of loss of use of this product.

This warranty does not cover damage caused by misuse, abuse, neglect or normal wear and tear including, but not limited to, punctures, rigging with other than Liquid Force components, damage due to excessive sun exposure, or damage due to over inflation of the bladders, damage caused by improper handling and storage, damage caused by use in waves or shore break, and damage caused by crashing the kite at high speed or damage caused by anything other than defects in material and workmanship.

This warranty is void if any unauthorized repair, change or modification has been made to any part of the equipment.

The warranty for any repaired or replacement equipment is good from the date of the original purchase only.

The original purchase receipt must accompany all warranty claims. The name of the retailer and date of purchase must be clear and legible.

There are no warranties, which extend beyond the warranty specified herein.

