



NAISH CONTROL SYSTEM MANUAL

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I - Releases & Agreements

RELEASE OF LIABILITY, CLAIM WAIVER AND ASSUMPTION OF RISK AGREEMENT

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 have in the future against Naish International, a division of Nalu Kai Incorporated, or any of its agents, resulting from use of this product and any of its components.

To release Naish International, a division of Nalu Kai Incorporated, 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 Naish International, a division of Nalu Kai Incorporated, or any of 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 Naish International, a division of Nalu Kai Incorporated, or any of its agents, arising from the use of any of the Naish International/Nalu Kai Incorporated 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 Maui, Hawaii 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.

BY INFLATING THE LEADING EDGE AND ASSEMBLING THIS PRODUCT, YOU ARE AGREEING TO:

1) be bound to the terms set forth below and 2) require anyone using this product to be bound by such terms. If you are unwilling to be bound by these terms, return this product (before use) for a full refund.

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.

II - Warning & Safety

READ THE FOLLOWING POINTS BEFORE ASSEMBLING YOUR KITE:

WARNING & SAFETY

- Kiteboarding is a dangerous sport.
- Always use extreme caution when using this product.
- Misuse of this product can cause serious injury or death.
- Never use this product unless you are in good physical health.
- Never use this product unless you are an experienced swimmer.
- Never act in a careless manner when using this product.
- You are responsible for your own safety and the safety of others around you when using this product.
- If you are under the age of 18, you must have your parents or legal guardian read these warnings and instructions.
- If you are under 18 years of the age, you must not use this product without proper guidance and supervision by your parents or legal guardian.
- Use of this product exposes the user to unexpected and unavoidable risks, dangers and hazards.
- Do not use this product if you are under the influence of alcohol, drugs or medications.
- Never use this product in thunderstorm and lightning conditions.
- Never use this product in offshore wind conditions.
- Never use this product in wind conditions that are above your ability level.
- Make sure you take lessons from a certified kiteboarding school before using this product on-the-water.
- Make sure you have been trained by a certified kiteboarding school to launch and land your kite before using this product in the water.
- Always have an experienced kiteboarder assist you with launching and landing your kite on land.
- Make sure you know on-the-water self-rescue techniques before using this product.
- Always wear a harness designed for kiteboarding.
- Always wear a helmet, gloves, shoes and protective eyewear when using this product.
- Always wear a Coast Guard approved personal flotation device when using this product in the water.
- Always observe local rules and regulations when using this product.
- Never attempt to fly your kite over other people, pets or any other obstructions.
- Make sure to always have a 100 meter semi-circle area downwind and on both sides of your flying position that is clear of people, animals, Woody and other obstructions.

FLYING LINES

- Never touch the flying lines when this product is in use. Flying lines are extremely dangerous while under tension and can cause serious injury or death.
- Never allow yourself, or anyone else, to go between the control system and the kite when the kite is unsecured on the ground, or in the launching position. The kite can launch unexpectedly at anytime and can cause serious injury or death to anyone near by.
- Always check your flying lines for knots before each use. Knots greatly reduce the strength of the flying lines and can break under tension, which can cause serious injury or death.
- Always check your flying lines for wear before each use. Worn flying lines can break under tension, which can cause serious injury or death.

SMART LOOP QUICK RELEASE

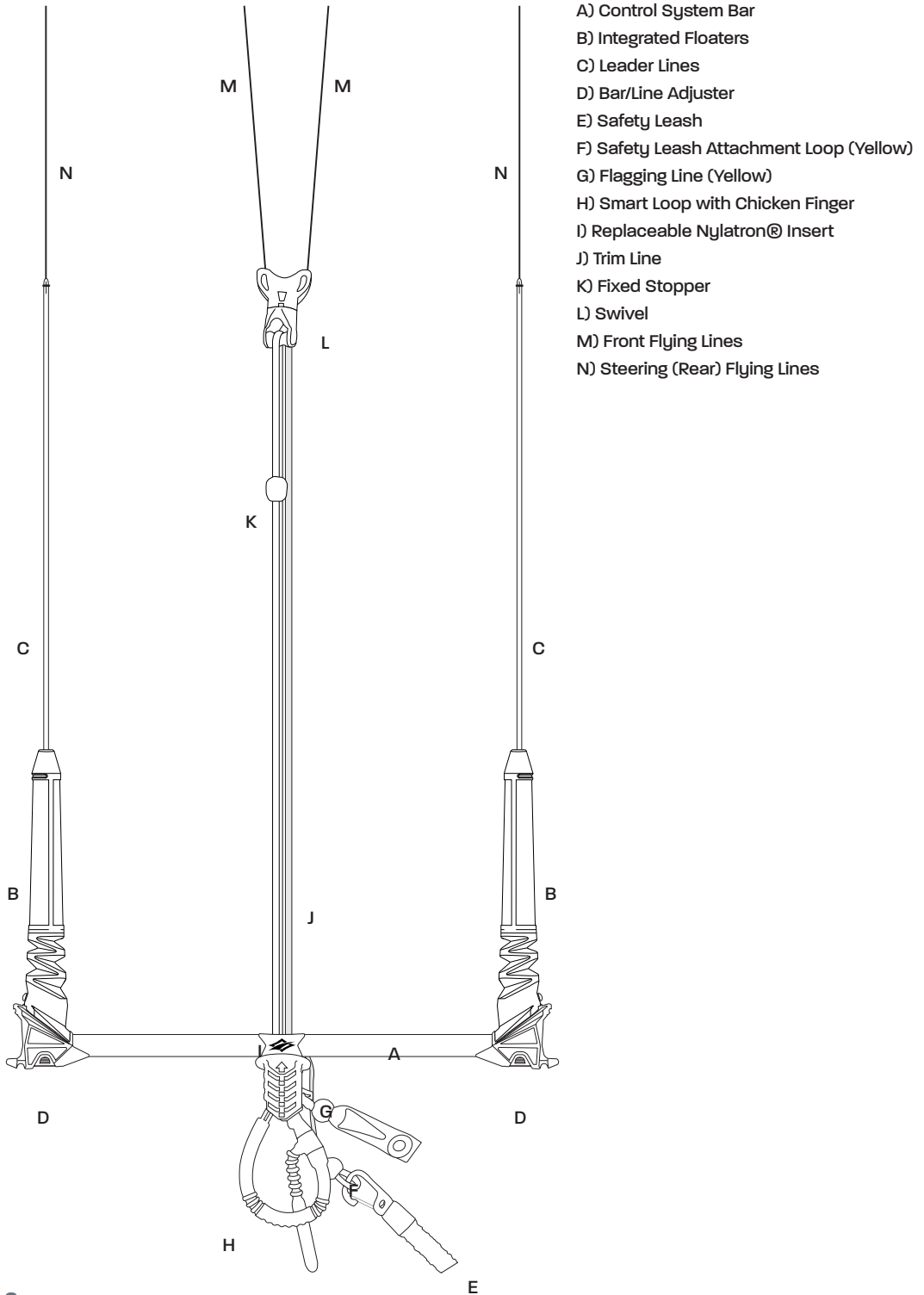
- Familiarize yourself with the way the Smart Loop Quick Release operates and test it on land in a non-emergency situation.
- Always inspect your Smart Loop Quick Release prior to launching your kite to make sure it is connected properly and in working order.
- The components in your Smart Loop Quick Release have a limited lifespan and must be changed often.
- If you see any sign of wear on the Smart Loop Quick Release components, you must replace them prior to use. Failure to do so, can result in serious injury or death.
- Rinse your Smart Loop Quick Release with fresh water after every use.

SAFETY LEASH

- Never use this product without a Safety Leash. A loose kite is extremely dangerous to everyone downwind of you.
- The Safety Leash system is not a permanent attachment to this product. Never permanently attach yourself to this product.

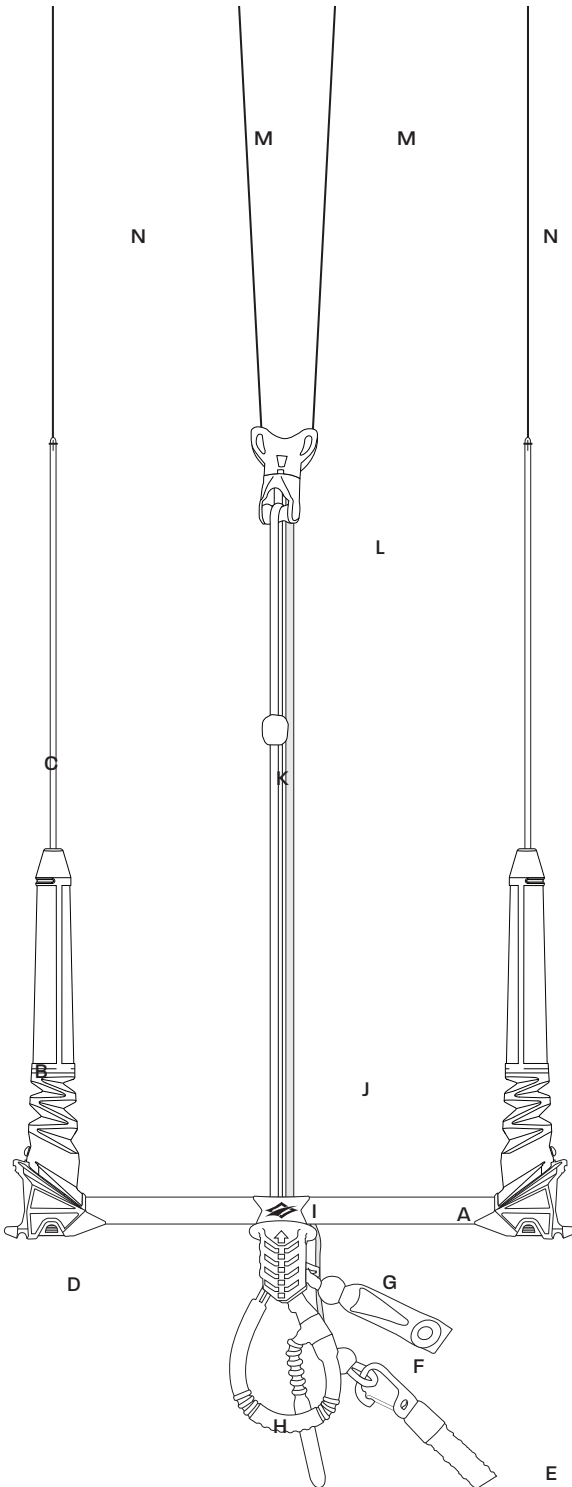
III - Control System Overview

1) Fusion 4-Line Control System



III - Control System Overview

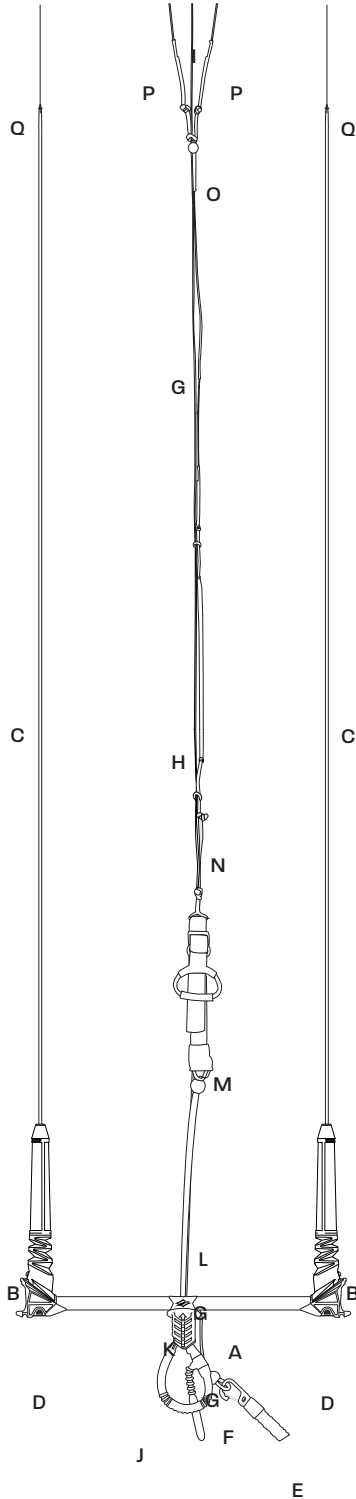
2) Fusion Alana Control System



- A) Control System Bar
- B) Integrated Floaters
- C) Leader Lines
- D) Bar/Line Adjuster
- E) Safety Leash
- F) Safety Leash Attachment Loop (Yellow)
- G) Flagging Line (Yellow)
- H) Smart Loop with Chicken Finger
- I) Replaceable Nylatron® Insert
- J) Trim Line
- K) Fixed Stopper
- L) Swivel
- M) Front Flying Lines
- N) Steering (Rear) Flying Lines

III - Control System Overview

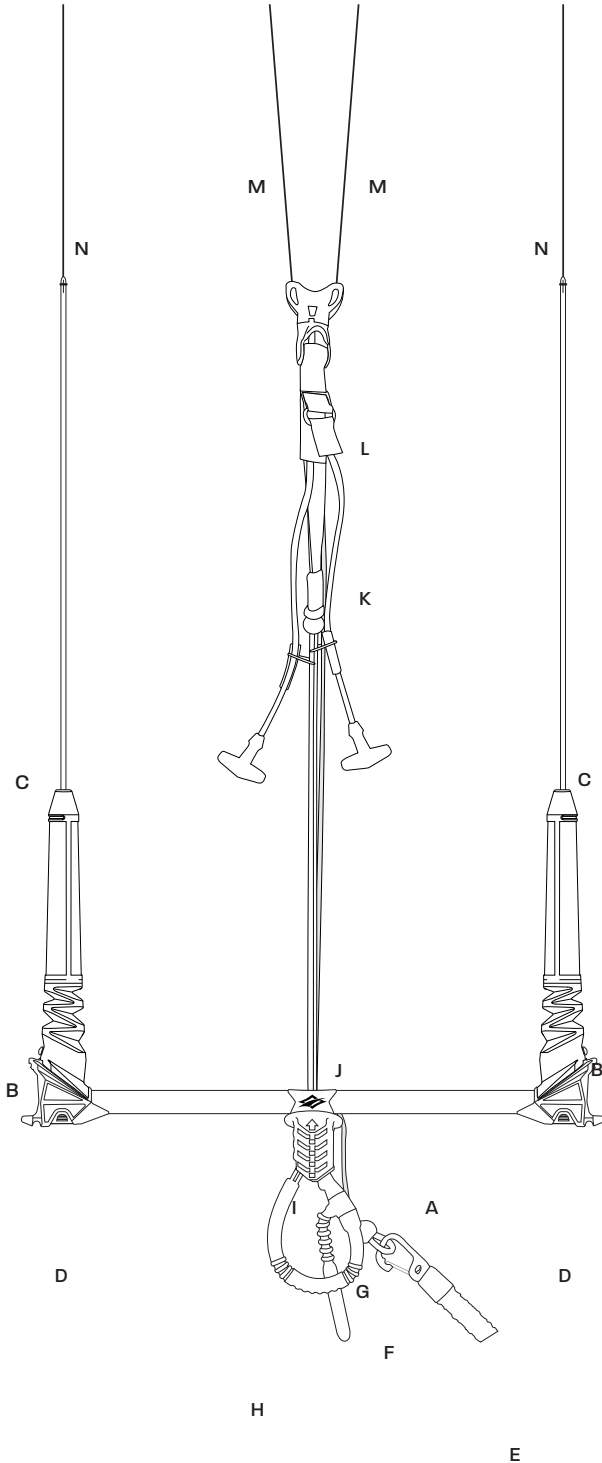
3) Fusion 5-Line Control System



- A) Control System Bar
- B) Integrated Floaters
- C) Leader Lines
- D) Bar/Line Adjuster
- E) Safety Leash
- F) Safety Leash Attachment Loop (Yellow)
- G) Flagging 5th Line (Yellow)
- H) Bungee 5th Line (Yellow)
- I) Orange 5th Line with Red Ball
- J) Smart Loop with Chicken Finger
- K) Replaceable Nylatron® Insert
- L) PU Covered Trim Line
- M) Adjuster Strap
- N) Center Line to Y Connector
- O) Y Connector
- P) Front Flying Lines
- Q) Steering (Rear) Flying Lines

III - Control System Overview

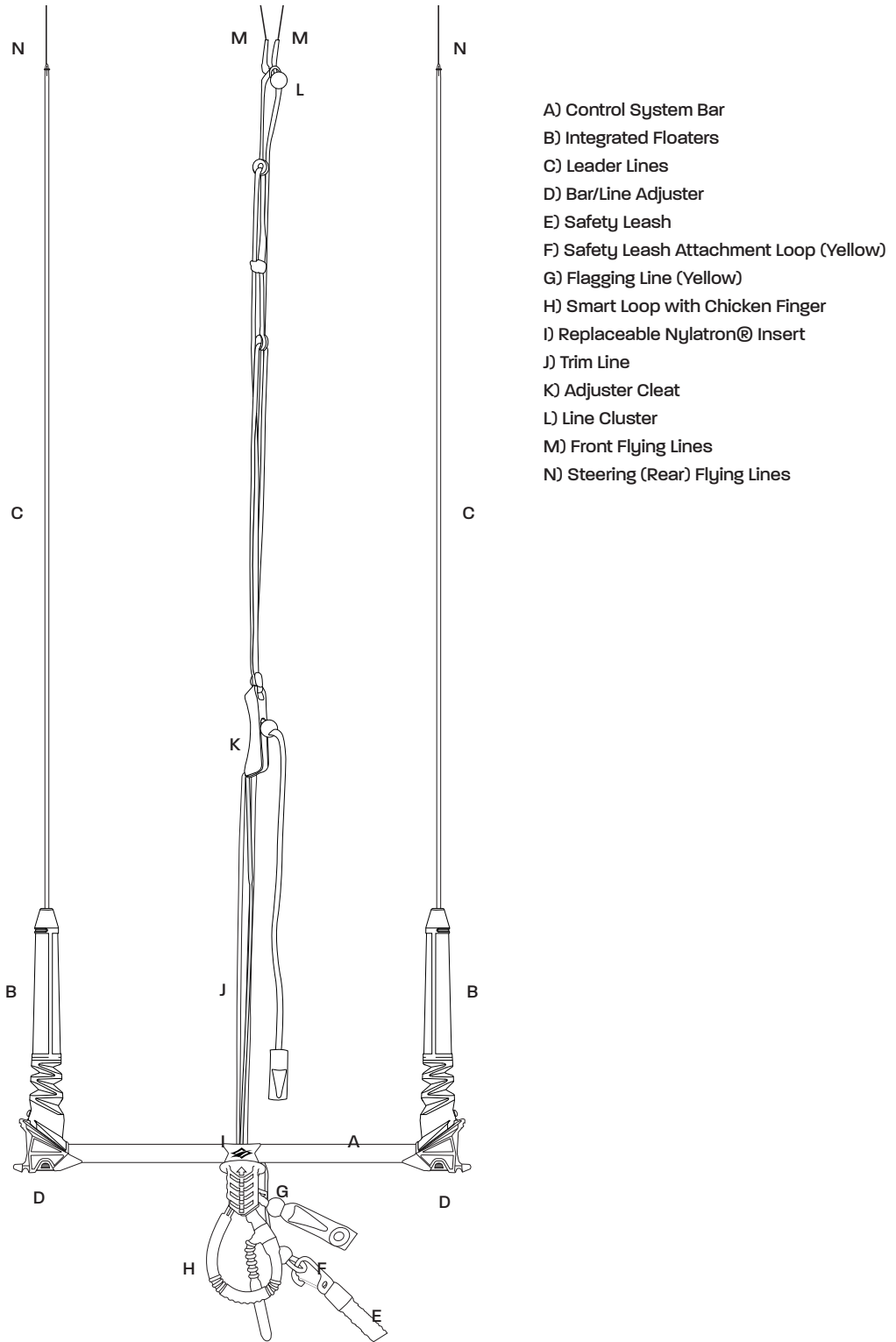
4) Fusion ATB Control System



- A) Control System Bar
- B) Integrated Floaters
- C) Leader Lines
- D) Bar/Line Adjuster
- E) Safety Leash
- F) Safety Leash Attachment Loop (Yellow)
- G) Flagging Line (Yellow)
- H) Smart Loop with Chicken Finger
- I) Replaceable Nylatron® Insert
- J) PU Covered Trim Line
- K) Adjuster Strap with Extensions
- L) Swivel
- M) Front Flying Lines
- N) Steering (Rear) Flying Lines

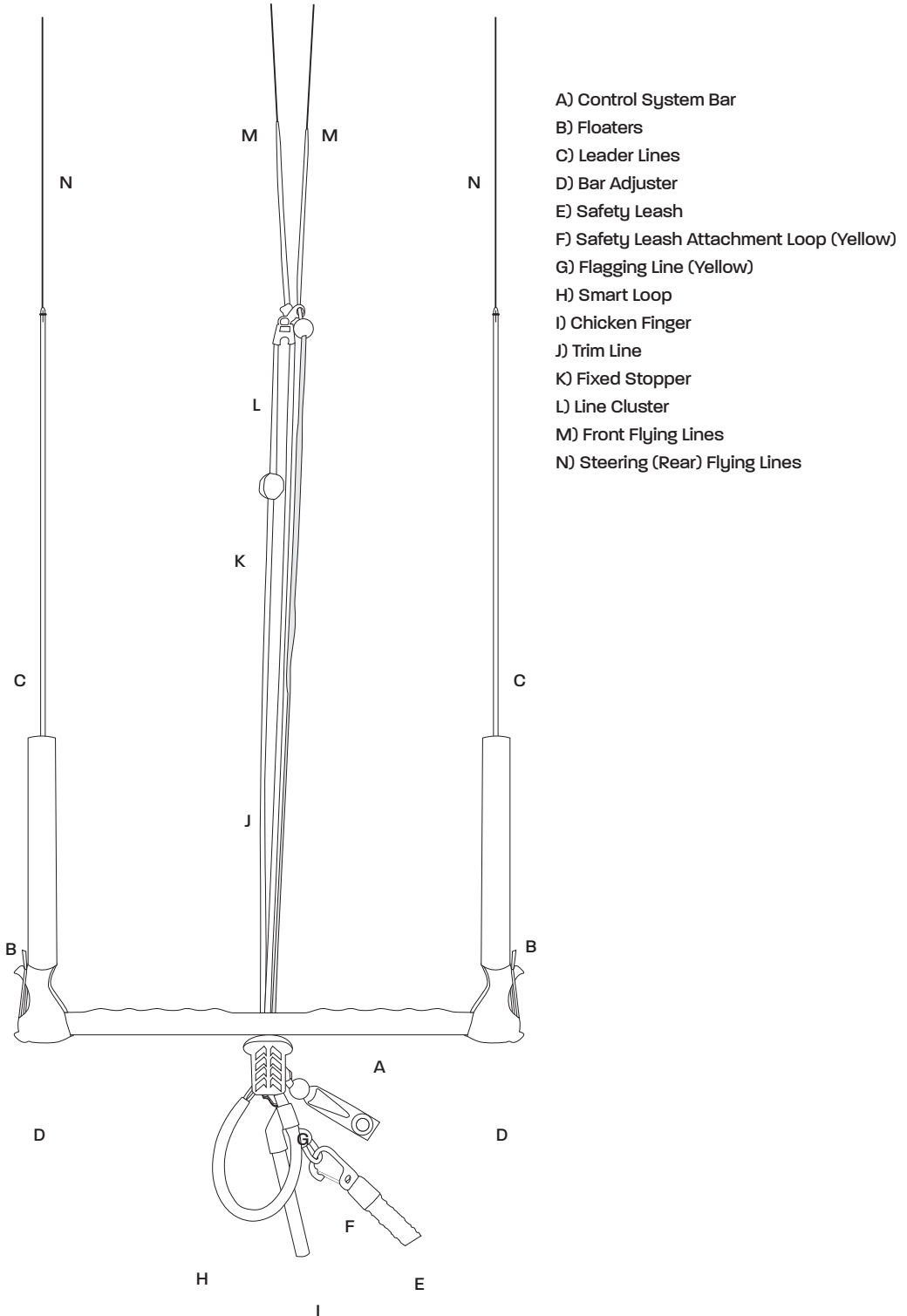
III - Control System Overview

5) Fusion Race Control System



III - Control System Overview

6) Base Control System



IV - Assembly

1) ATTACHING FLYING LINES TO A 4-LINE KITE

All Naish Control Systems are delivered assembled and ready to use.

A) Begin with the flying lines from the 4-line control system laid out directly upwind of the kite.

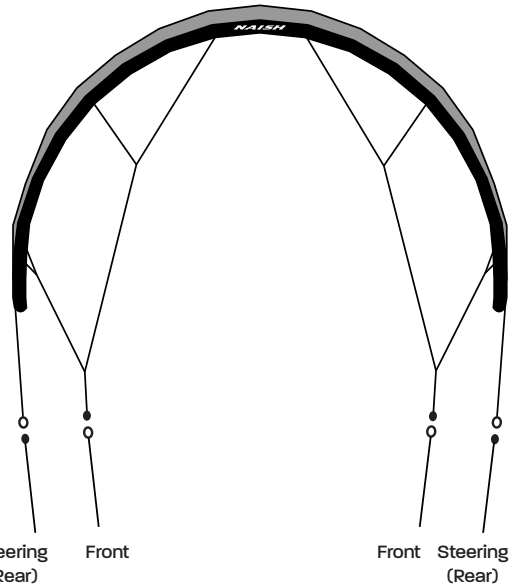
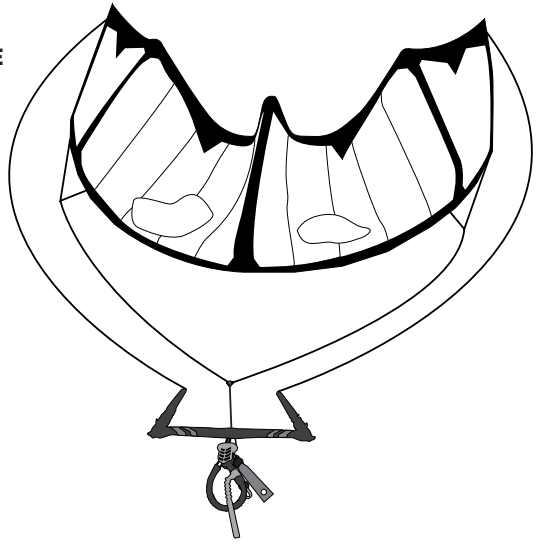
WARNING: Make sure all flying lines are straight, completely free of tangles and properly positioned for correct line connection before attaching them to the kite.

B) Place the front and rear line connection points outside of the leading edge and make sure they are free of tangles and knots.

C) Attach both front flying lines to the front line connection points.

D) Attach the left steering (rear) flying line to the left steering (rear) line connection point.

E) Attach the right steering (rear) flying line to the right steering (rear) line connection point.



WARNING: Naish flying lines and bridles feature foolproof connectors to reduce the risk of incorrect connection between front and steering (rear) line connection points. Be sure to always use authentic Naish flying lines and bridles when using Naish kites and control systems.

ATTACHING FOOLPROOF CONNECTORS



A) To create a Lark's head loop, fold the loop over and pull the line through the loop as shown.



B) Insert the knotted end of the other line through the Lark's head loop as shown.



C) Pull the lines tight to secure the connection as shown.

IV - Assembly

2) ATTACHING FLYING LINES TO A 5-LINE KITE

A) Begin with the flying lines from the 5-line control system laid out directly upwind of the kite.

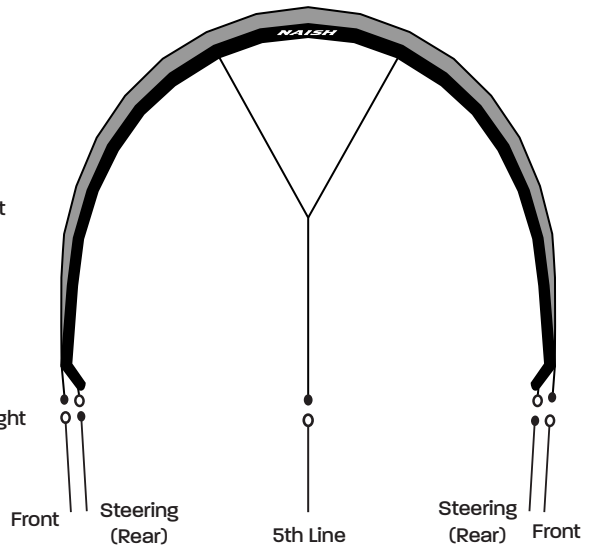
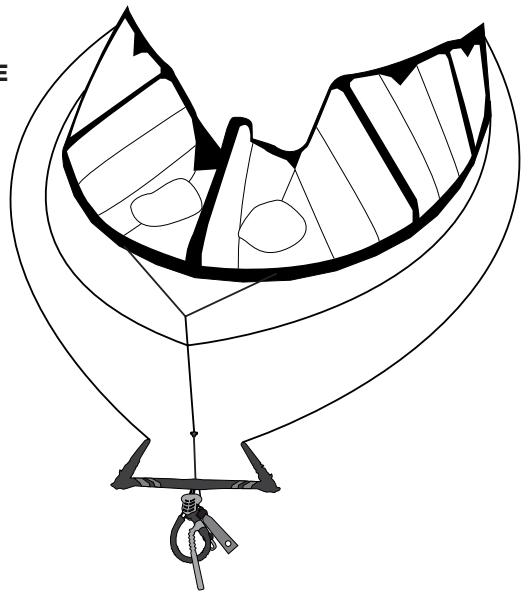
WARNING: Make sure all flying lines are straight, completely free of tangles and properly positioned for correct line connection before attaching them to the kite.

B) Attach the 5th flying line to the 5th line connection point.

C) Attach both front flying lines to the front line connection points.

D) Attach the left steering (rear) flying line to the left steering (rear) line connection point.

E) Attach the right steering (rear) flying line to the right steering (rear) line connection point.



WARNING: Naish flying lines and bridles feature foolproof connectors to reduce the risk of incorrect connection between front and steering (rear) line connection points. Be sure to always use authentic Naish flying lines and bridles when using Naish kites and control systems.

ATTACHING FOOLPROOF CONNECTORS



A) To create a Lark's head loop, fold the loop over and pull the line through the loop as shown.



B) Insert the knotted end of the other line through the Lark's head loop as shown.



C) Pull the lines tight to secure the connection as shown.

IV - Assembly

3) ATTACHING LINE EXTENSIONS

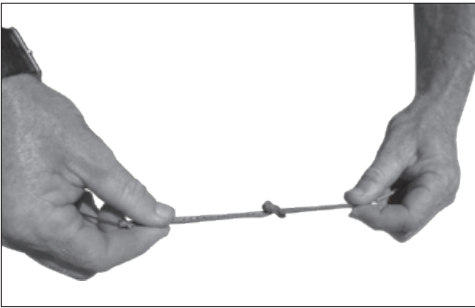


Step 1: Insert the loop end of the extension line through the foolproof connector loop on the flying line as shown.

WARNING: The loop end of the extension line is opposite the foolproof connector end of the extension line.



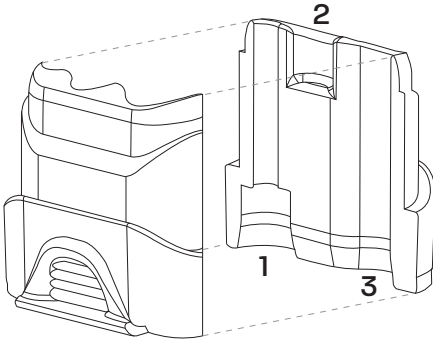
Step 2: Then insert the foolproof connector end of the extension line through the loop end of the extension as shown.



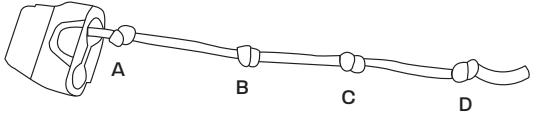
Step 3: Pull the lines tight to secure the connection as shown.

V - CONTROL SYSTEM BAR

1) ADJUSTING FUSION BAR STEERING (REAR) FLYING LINES



- 1) Locking Cavity
- 2) Locking Recess
- 3) Adjusting Cavity



Repositioning the knots found inside the bar/line adjuster changes the length of the steering (rear) flying lines.

Knot A: Decreases the length of the steering (rear) flying lines.

Knot B: Naish Control Systems are delivered in the Knot B position.

Knot C: Increases the length of the steering (rear) flying lines.

Knot D: Securing knot for the Knot C position.

WARNING: Do not use Knot D position in the locking cavity.



A) Pull the bar/line adjuster out from the bar end.



B) Pull the end of leader line out from the adjusting cavity (3).



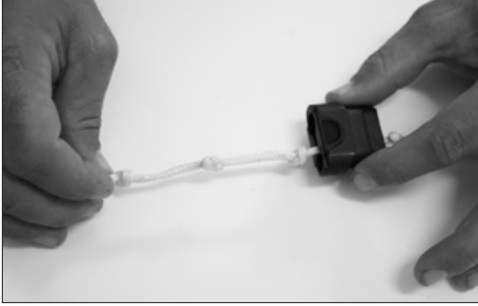
C) Pull the knot out of the locking recess (2).



D) Pull the leader line out through the bottom of the adjusting cavity (3).

V - CONTROL SYSTEM BAR

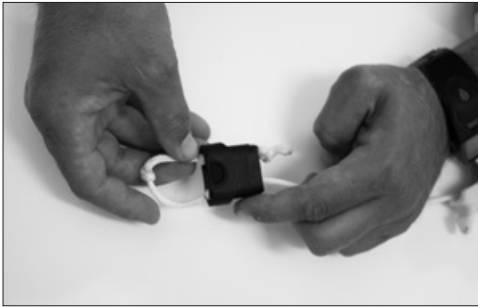
1) ADJUSTING FUSION BAR STEERING (REAR) FLYING LINES - Continued



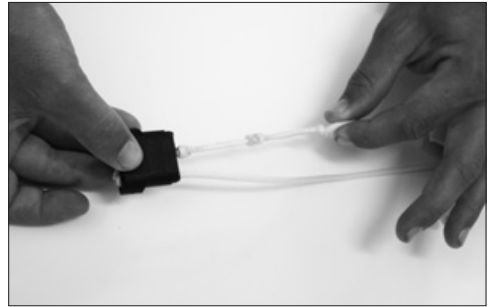
E) Pull the knot out of the locking cavity (1).



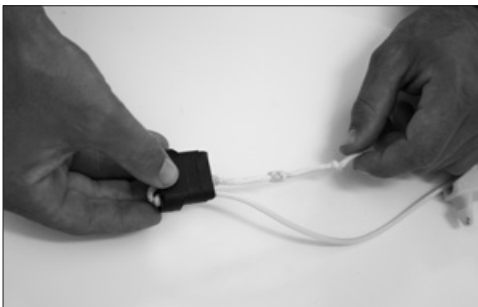
F) Adjust the leader line to the desired knot using the adjusting cavity (3).



G) Lock the desired knot securely in position using the locking cavity (1).



H) Feed the end of the leader line back through the adjusting cavity (3).



I) Lock the following knot securely in position using the locking recess (2) and insert excess line into the adjusting cavity (3).



K) Reinstall bar/line adjuster by pushing it back into the bar end, while pulling leader line above the floater to remove any slack as shown.

IMPORTANT: Repeat this procedure on the opposite bar end so the leader line length adjustment is done exactly the same on both sides.

V - CONTROL SYSTEM BAR

2) ADJUSTING BASE BAR STEERING (REAR) FLYING LINES

Repositioning the leader lines on the knots under the floaters changes the length of the steering (rear) flying lines.

Step 1: Pull the floaters up to expose the leader line adjustment knots.

Step 2: Adjust the leader line to the desired knot position.

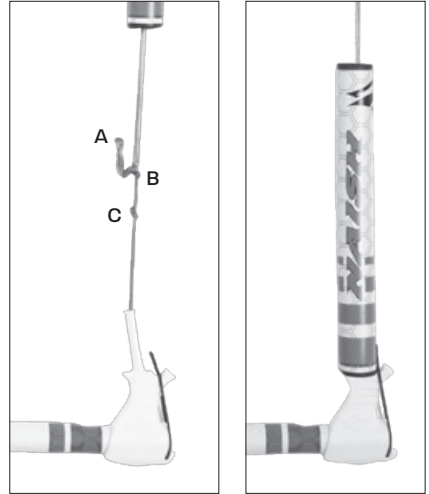
Knot A: Increases the length of the Steering (Rear) Flying Lines (+5cm).

Knot B: Naish Control Systems are delivered in the Knot B position.

Knot C: Decreases the length of the Steering (Rear) Flying Lines (-5cm).

Step 3: Pull the floaters down to cover the leader line adjustment knots.

IMPORTANT: Repeat this procedure on the opposite bar end so the leader line length adjustment is done exactly the same on both sides.

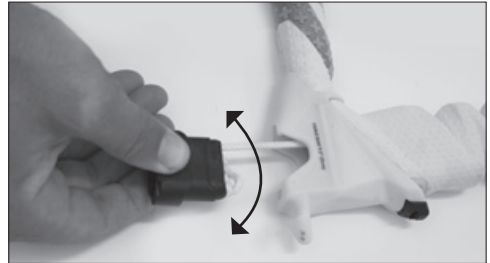


V - CONTROL SYSTEM BAR

3) ADJUSTING FUSION BAR WIDTH



A) Pull the bar/line adjuster out of the bar end as shown.



B) Rotate the bar/line adjuster 180 degrees as shown.



C) Reinstall the bar/line adjuster by pushing it back into the bar end, while pulling the leader line above the floater to remove any slack as shown.

IMPORTANT: Repeat this procedure on the opposite bar end so the bar width adjustment is done exactly the same on both sides.

V - CONTROL SYSTEM BAR

4) ADJUSTING THE BASE BAR WIDTH

Step 1: Using a flying line, pull the bar adjuster up as shown.

Step 2: The leader line knot holds the bar adjuster in position, so you will need to pull the leader line through the bar end slightly to loosen the bar adjuster for rotation.

Step 3: Rotate the bar adjuster 180 degrees.

Step 4: Reinstall the bar adjuster by pushing it back into the bar end, while pulling the leader line above the floater to remove any slack.

IMPORTANT: Repeat this procedure on the opposite bar end so the bar width adjustment is done exactly the same on both sides.

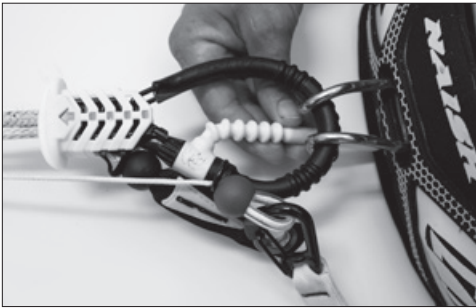


VI - SMART LOOP

1) OPERATING THE CHICKEN FINGER

The Chicken Finger is designed to hold the Smart Loop in position in the harness hook.

WARNING: To release yourself from the kite in an emergency situation, you must activate the Smart Loop Quick Release when the Chicken Finger is installed.



To connect the Smart Loop and Chicken Finger to the harness hook:

Step 1: Hook the Smart Loop onto the harness hook.

Step 2: Insert the Chicken Finger into the center section of the harness hook.

WARNING: Make sure the Chicken Finger is positioned below the Smart Loop and is completely inserted into the harness hook.



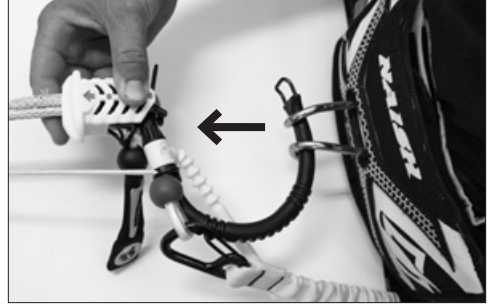
To disconnect the Smart Loop and Chicken Finger from the harness hook:

Step 1: Pull the Chicken Finger out of the harness hook.

Step 2: Unhook the Smart Loop from the harness hook.

VI - SMART LOOP

2) OPERATING THE SMART LOOP QUICK RELEASE



To release yourself from the kite in an emergency situation, you must activate the Smart Loop Quick Release.

To activate the Smart Loop Quick Release:

Step 1: Grab the handle of the Smart Loop Quick Release as shown.

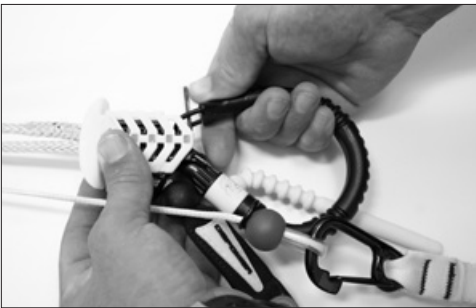
Step 2: Push the handle away from your body. The Smart Loop will open and release from the harness hook as shown.

Step 3: Immediately let go of the handle. The Safety Leash will keep you attached to your kite while the kite depowers.

WARNING: Always use a Safety Leash when using a Naish control system.

VI - SMART LOOP

3) RECONNECTING THE SMART LOOP QUICK RELEASE



Step 1: Insert the arm of the Quick Release mechanism back into the end of the trim loop as shown.

Step 2: Push the handle up and over the arm.



Step 3: Pull the handle down over the arm to secure it into position as shown.

WARNING: Check to make sure the handle is securely in position before launching your kite.

VI - SMART LOOP

4) OPERATING THE SMART LOOP INTEGRATED CLEAT

To depower kite:

Step 1: Pull the trim line towards your body to depower the kite.

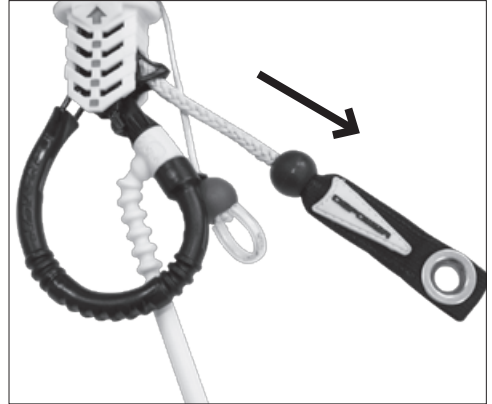
Step 2: Lock the trim line back in the cleat at the desired position.

To increase power:

Step 1: Pull slightly on the trim line to release it from the cleat.

Step 2: Slowly let the trim line feed through the cleat to increase power.

Step 3: Lock the trim line back into the cleat at the desired position.



VI - SMART LOOP

5) OPERATING THE FUSION 5-LINE ADJUSTER STRAP

A) To decrease power, pull the lower handle (Yellow).

B) To increase power, pull the upper handle (Black).



VI - SMART LOOP

6) OPERATING THE FUSION ATB ADJUSTER STRAP WITH EXTENSIONS

A) To decrease power, pull the lower extension handle (Black).

B) To increase power, pull the upper extension handle (Yellow).



VII - SAFETY LEASH

1) ATTACHING THE SAFETY LEASH

All Naish Control Systems are delivered with a Safety Leash.

When activating the Smart Loop Quick Release in an emergency situation, the Safety Leash will keep the rider attached to the kite while the kite depowers.



A) Connect the snap shackle on the Safety Leash to the leash attachment loop.



B) Connect the Safety Leash Quick Release to the handle pass leash on the back of your harness.

Step 1: Push the Quick Release handle up to open the Safety Leash loop.

Step 2: Put the Safety Leash loop around the handle pass loop on the back of your harness as shown.



Step 3: Insert the arm of the Quick Release mechanism into the Safety Leash loop.



Step 4: Push the Quick Release handle up and over the arm.

VII - SAFETY LEASH

1) ATTACHING THE SAFETY LEASH - Continued



WARNING: Check to make sure the Safety Leash handle is securely in position before launching your kite.

Step 5: Pull the Quick Release handle over the arm to secure it into position as shown.

VII - SAFETY LEASH

2) OPERATING THE SAFETY LEASH QUICK RELEASE

WARNING: To completely free yourself from the kite in an emergency situation;

- A) First activate the Smart Loop Quick Release.
- B) Then activate the Safety Leash Quick Release.



To activate the Safety Leash Quick Release:

Step 1: Grab the Quick Release handle and push it away from your body as shown.

Step 2: Immediately let go of the Quick Release handle so you are completely free from the kite.

WARNING: Only activate the Safety Leash Quick Release in a serious emergency situation. Once you activate the Safety Leash Quick Release, you will have no control over your kite and it may become an extreme hazard for everyone downwind from you both on land and water. When you activate the Safety Leash Quick Release, always remember there is a strong possibility that you may not be able to retrieve your kite. Therefore, there is a high likelihood that you will be required to swim, or need assistance to get back to shore.

VIII - WARRANTY POLICY

Naish warrants this product to be free from major defects in material or workmanship – to the original purchaser for a period of one year from the date of purchase.

This warranty is subject to the following limitations:

The warranty is valid only when the product is registered in the warranty section of www.naishkites.com within seven (7) days from the date of purchase.

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.

Naish 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 Naish distributor in your country, – postage prepaid. Product may be returned only if a return authorization number (RAN) is given in advance by the Naish distributor. The RAN 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 Naish, the warranty covers the repair or replacement of the defective product only. Naish will not be responsible for any costs, losses or damages incurred as a result of loss of use of this product.

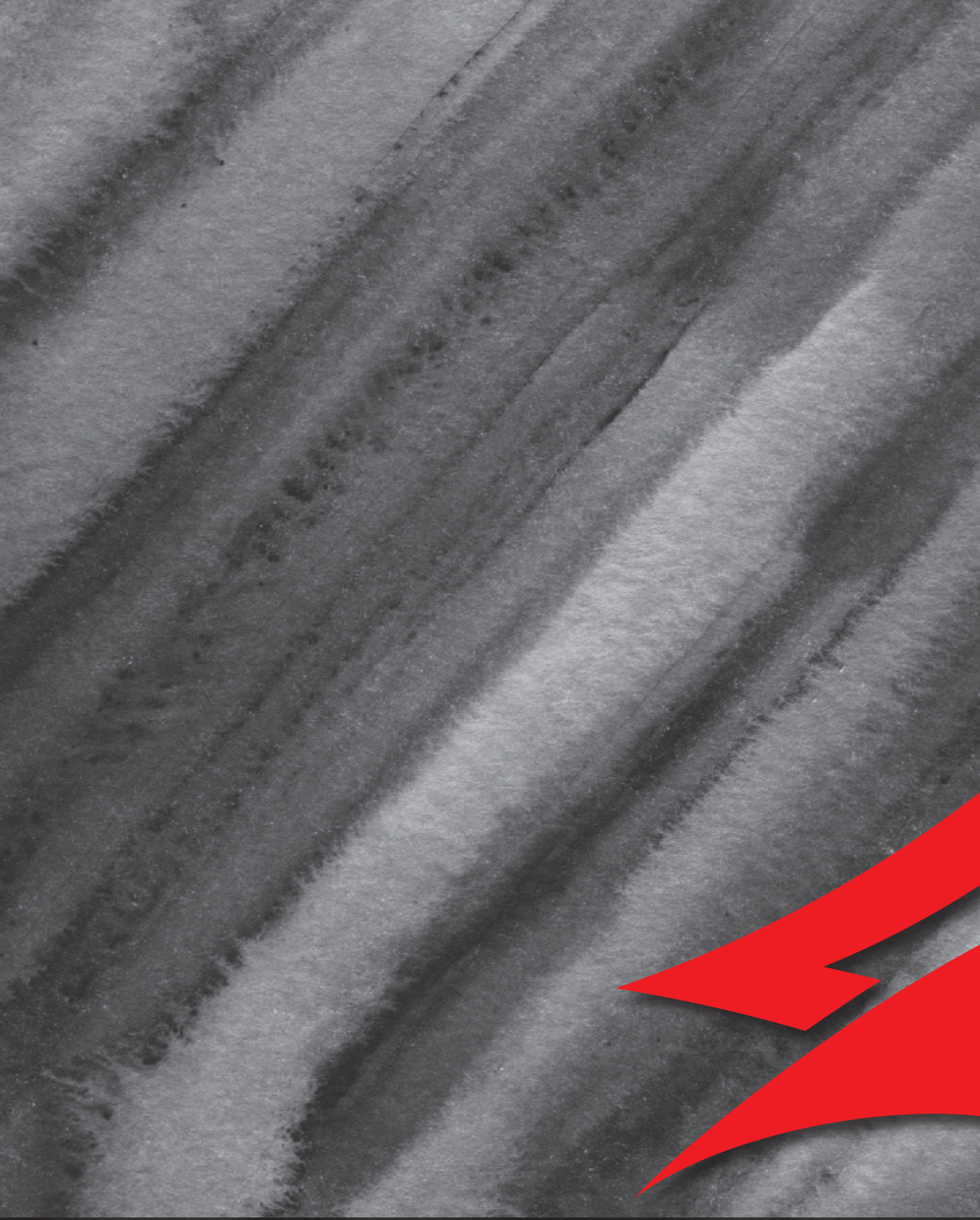
This warranty does not cover damage caused by misuse, abuse, neglect or normal wear and tear including, but not limited to, punctures, rigging with other than Naish components, damage due to excessive sun exposure or damage due to over inflation of the bladders, damage caused by improper handling and 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 replaced 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.



NaishKites.com

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