



OPERATING MANUAL



CutAway



Thank you for choosing CHANGE GRAVITY equipment!

The CutAway is the harness that raises whole new standards safety in paragliding regarding "3 is always better than 2" sais the Acro Pilots. Integrating 2 under the seat rescues and new main container on the back of the harness – for the square rescue. More to this is the cut away system together with the Rescue Static Line (RSL) and the whole this system makes all your troubles go away in case of a malfunction. For the Cutaway Harness we use elements from skydiving equipment, that proven as most reliable and safe in the sport. The fresh overall look and the funky colors are just additional perks of this amazing harness, created to comfort you in your adrenaline rush.

The Cutaway harness comes with 3-Ring System, Free bag with RSL for the square rescue parachute, with all the handles and one pair of karabiners. You can ask us for extras such as : custom embrodery, cutaway system for smoke bombs, speed bar detachements, speedbar and soft links.

!!! WARNING !!!

- You must have read, understood and accepted upon the purchase of your harness to FOREVER RELEASE, WAIVE AND DISCHARGE the RELEASED PARTIES from and against any and all claims asserted, liability established, demands, or causes of action that I and/or a third party may hereafter have for SPORTS INJURIES, however caused, even if caused in whole or in part by the action, inaction and/or negligence (whether active or passive) of any of the RELEASED PARTIES, to the fullest extent of the law.
- Paragliding is a potentially dangerous sport that can cause serious injury including bodily harm, paralysis and death. Using Change Gravity equipment is undertaken with the full knowledge that paragliding involves such risks.
- As the owner of a Change Gravity product you take exclusive responsibility for all risks associated with its use. Inappropriate use and or abuse of your equipment will increase these risks. Any liability claims resulting from use of this product towards the manufacturer, distributor or dealers is excluded.



- This harness has been solely designed for use as an emergency rescue system for paragliders. Do not under any circumstances use this harness for free fall parachuting, BASE jumping or with any other type of aircraft.
- The Cutaway harness is not suitable for speeds in excess of 32m/s or 115 kmh.
- Ensure your harness is maintained properly, failure to do so may result in premature ageing and malfunction.
- Complete a thorough daily and pre-flight inspection of all of your equipment. Pay attention to your parachute pins and never attempt flying with unsuitable or damaged equipment.
- Do not modify this product in any way and use only within the maximum certified weight of 120KG.
- It is essential that the Cutaway harness is correctly installed. A compatibility and functional test must be carried out by a certified professional to exclude any possible malfunction of the cut away system or non-compatibility between the harness and rescue device.
- Pay special attention to the terrain you will be flying and the weather conditions before you launch. Always add a large safety margin to all your decisions, if you are unsure do not fly. Avoid flying in rain, snow, strong wind and turbulent weather conditions or clouds.
- Be aware of the codes, laws and regulations in place in the country where you will intend to be using the Cutaway harness.
- Any use of the Cutaway harness outside its recommended guide lines is extremely dangerous and could result in serious injuries and possible death.
- • The Cutaway harness is a complex product : you must imperatively proceed in reading the entire content of this manual while fully understanding its content pertaining to the product's proper use.
- The Cut Away System should be used only in emergency situations



- Because of the use of many different rescue parachutes and their opening time difference, Cut Away System needs min. 150 m to be safely. Under this minimum it's recommended to use the rescue parachute located under the seat.
- In case of an accidental fall into the wing, the only recourse of action would be to deploy the classic reserve parachute located under the seat. The Cutaway System cannot be used in this situation.
- Do not leave your hand(s) in the risers or in the toggles during the cut away process.
- Using other karabiners, different than the provided by the manufacturer, is not recommended and pilot's responsibility.
- This harness is not working with the standard speed systems. To use a speed system on CutAway Harness, you need to set up the manufacturer speed bar release system.
- Towing with Acro Base - the harness does not have special point for towing. If you use it for towing you need to attach the towing system so, that cut away system (3-Ring and cut away handle) stay away and clear from the towing mechanism.
- When not using your harness, store it inside your paragliding backpack, in a dry, cool and clean place, protected from UV exposure. If your harness is wet, please dry it thoroughly before storing.
- During transport, protect the harness from any mechanical or UV deterioration (use a bag).
- The proper use, compliance status and storage of Cutaway Harness together with the Cut Away System is Pilot's responsibility and can be helpful for your harness live and function.
- If you use good, safe judgement you will enjoy many years of paragliding and hopefully never have need to use your Cutaway harness



MANDATORY CHECKS

- Before the first use of the harness, the whole setup needs to be checked and approved by a certified partner of Change Gravity.
- The rescue canopy (main) must be repacked min. every 6 months or after water landing. The 3-Ring System must be checked every month.
- The cut away cable must be pulled out, checked and cleaned with alcohol monthly, or after water landing and frequently landings on the sand. After cleaning of the cable it need to get a slight film of silicon spray to provide the lowest drag in its hosing.
- The hosing of the cut away cable negotiability must be checked every month or after water landing and frequently landings on the sand.
- The RSL, Free bag and carabiners must be checked regularly for damages and especially after emergency cut away. The second and third rescue under the seat must be repacked as per manufacturer manual and after water landing.

DAILY PRE-FLIGHT CHECK

1. Check if the karabiners are good tighten and in the right position
2. Check if the RSL is attached to the karabiner
3. Check the black cable pins on the RLS
4. Check if the cut away handle is on it`s place.
5. Check if the yellow cut away cables locked the right and left loops
6. Check the loop condition
7. Check the handle and the cable pin of the second and third rescue
8. Check all buckles

If you are not sure how to set up your harness, you have any question do not hesitate to contact us for support hello@change-gravity.ch

CutAway Harness spare parts

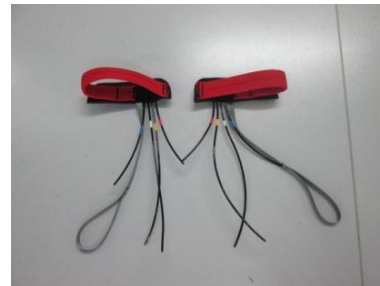
Cut away Loops



Cut away handles



Second rescue handle



Elastic for Free Bag



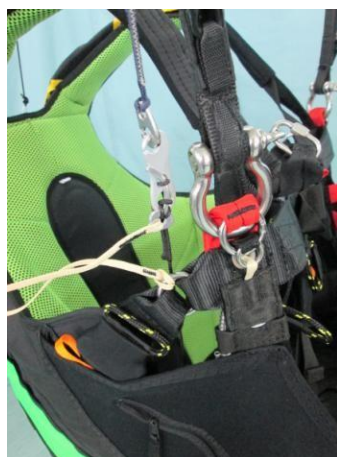
Karabiners



Free Bag



CutAway Harness optional parts



Cut Away System

CutAway Harness use the most popular and safety system from skydiving the 3-Ring System and Rescue Static Line (RSL). The Cut Away System includes a free bag with Rescue Static line (RSL), loops, karabiners, cut away handle (in two different options, Soft-Type not recommended for Cutaway).

Cut away handle set up

Pass both ends of the cut away handle trough the small red loop on inner side of the main strap. Pull the whole cable till the handle comes to the strap. Plug in the short end of the cutaway cable into the upper hosing and pull it. Plug in the longer cutaway cable into the bottom hosing and pull it. Cover the strap with the cloth piece and stick the Velcro.





CHECK IF THE CUT AWAY CABLE IS PASSING THROUGH BOT HOUSING

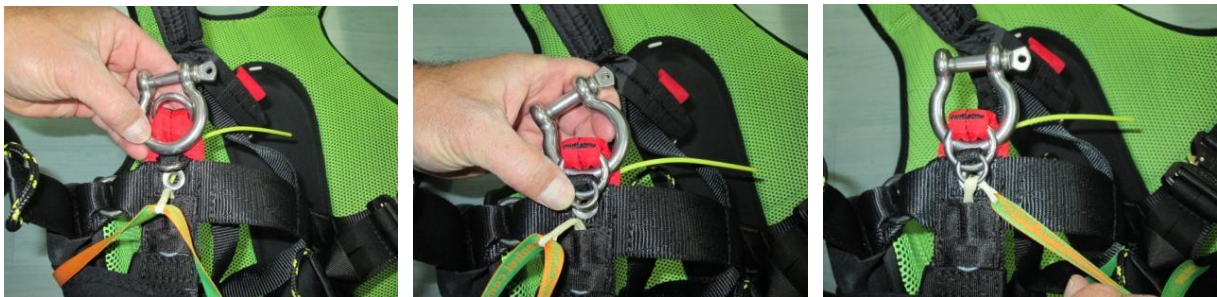


Installing loops and closing the 3-ring-system

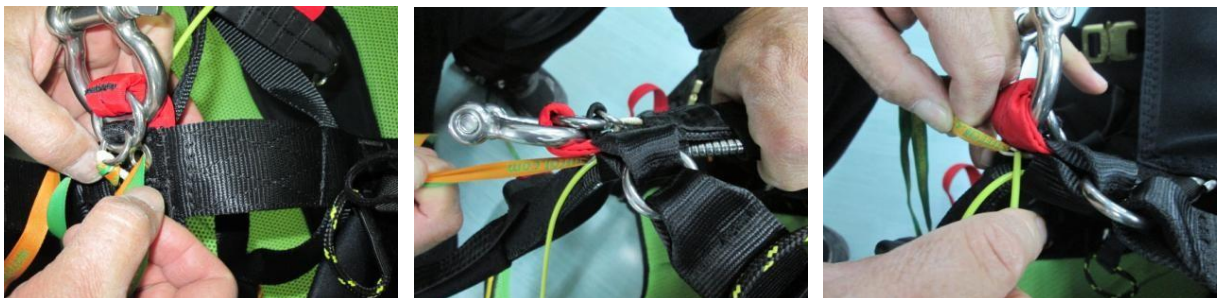
Using a pull up cord, assemble the small loop. Plug in it and pull it, so that the small ring goes inside/under the belt. Make this on both sides of the harness



Pass the big ring trough the karabiner firs and after that the small ring trough the big one.



After that pass the pull up cord, from front to back, trough the loop, the small ring and the grommet.



The Loop must be on the back side of the grommet. Lock with the cutaway cable and insert the cable end into the belt pocket



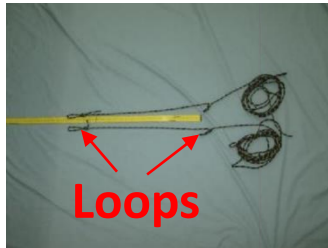
**DON`T FORGET TO MAKE THIS ON BOTH SIDES OF THE HARNESS
TAKE OUT THE PULL UP CORD**

After you are ready with the set up of the Cut Away handle, hang up your harness somewhere to test how the Cut Away System is working. And make some exercise for cut away.

We highly recommend every pilot, no matter what experience it has, to try the correct work of the cut away system on the ground. Mandatory is every pilot no matter what experience it has, to make one training cut away on the ground, at least once every two months, or after each cutaway/ disassemble of the Cut Away System.

Setup for 3-ring-system test

We offer you a simple system for Cut Away System test on the ground. Everyone can make it at home.



Take 2 long enough ropes and tie 2 loops (about 50 cm one of each other). Hang the other end of the rope tie on your home beam or on the tree in your garden (about 50-60 cm above the ground).



Attach the bottom end to the karabiners and at the top loop attach the rescue risers.



Pull the cut away handle sharply to the front till your hand is full straight.

After you finish with the ground test of the Cut Away System and at least one cut away exercise, you can go for assemble your rescue parachute. If you cannot do it, please contact an authorized partner of Change Gravity.

Rescue canopy set up

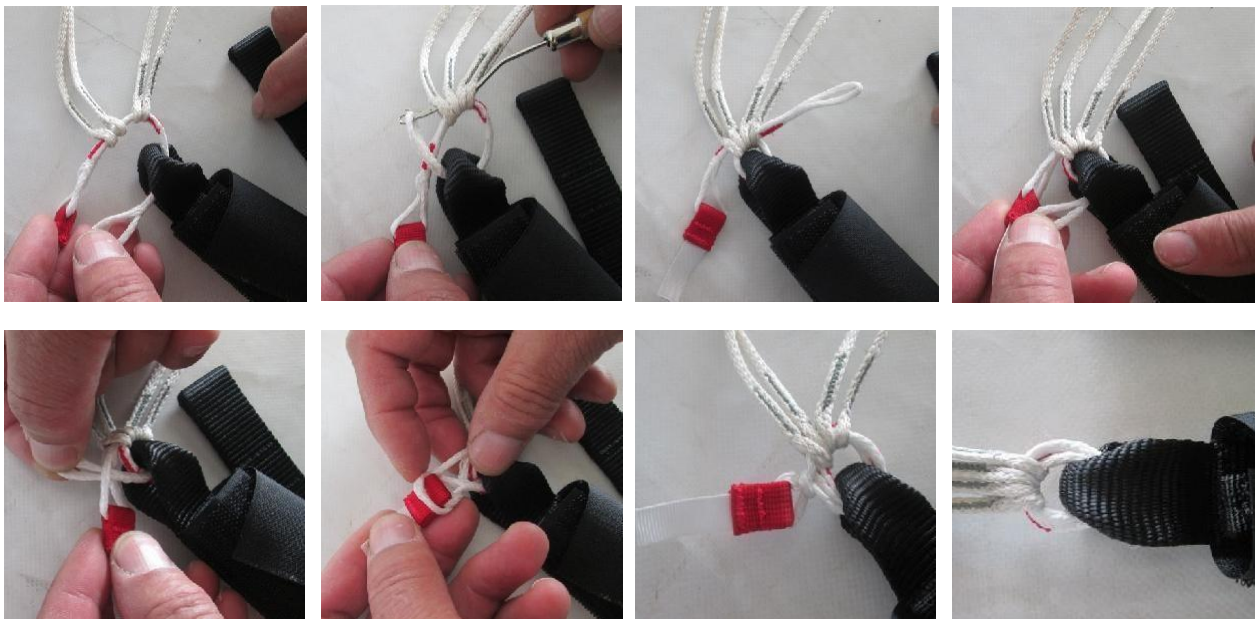
Hang your rescue with the leading edge down and check all the lines. There should be no twisted, damaged or broken lines.



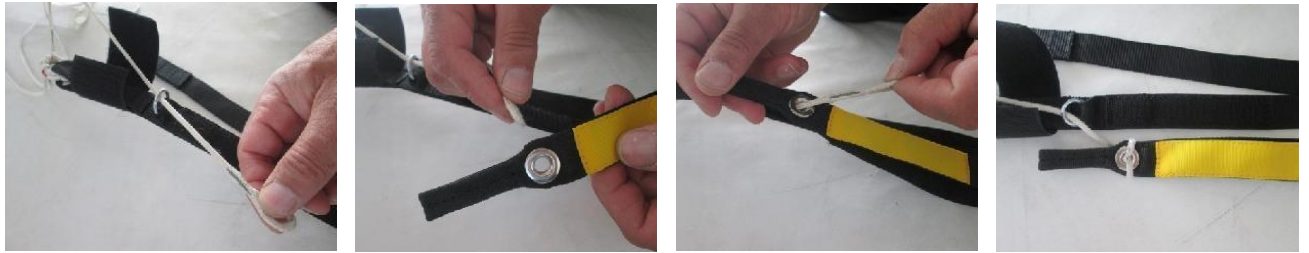
After you check all the canopy lines, lay down the harness and sort out the main risers.

Connect the Left back rescue riser with the canopy lines via "soft link" connection or Maillon Rapide® min. 500kg, according to the following pictures below:

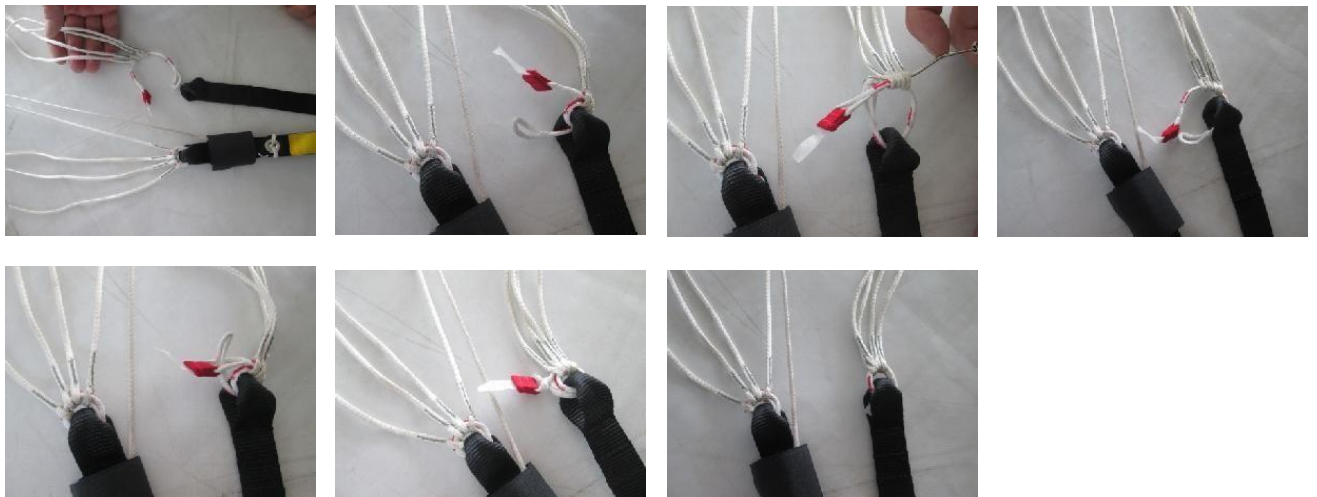
Attachment with SOFT LINK



Assemble of the toggles



Attachment of the left front riser is shown on the pictures below.



After you finish with the attachment of the left back riser, left toggle and left front riser, make the same steps for the right risers and right toggle.

If you attach your canopy with Maillon Rapide® just connect the lines and riser via Rapide.



At the end check once again, if your canopy and the harness are correctly attached together.

PACK YOUR RESCUE CANOPY IN ACCORDANCE WITH THE RESCUE CANOPY MANUFACTURER MANUAL

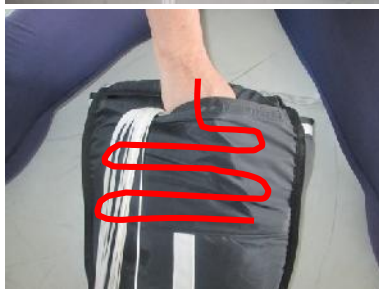
Canopy container set up

Prepare the free bag and when the canopy is ready put it inside the free bag. Fold the canopy lines, pas them trough the elastic as sown on the pictures bellow:



Now turn the free bag, fold the lines inside the free bag pocket and stick the velcro on both sides.

CHECK IF THE LINES ARE NOT BONDED WITH THE VELCRO!



Now turn the free bag and put it into the harness container with the line pocket towards the back padding.



Fold the Rescue Static Line (RSL) on to the free bag.



Take 2 pull up cords and close the rescue container covers as shown on the pictures below. At first close Top flap with the bottom cover grommet and after that the left side flap.



At the end the right side grommet. Insert the cable pin in to the loop and remove the pull up cord. Insert the end of the cable as shown on the picture.



Stick the RSL line with the Velcro and after that close the pin cover flap



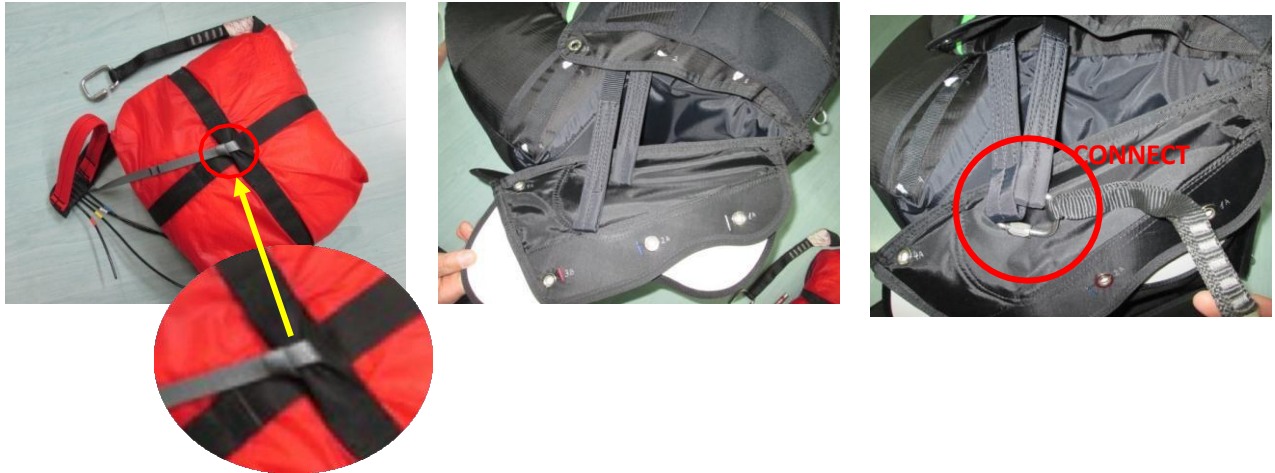
Close the left and right magnet covers



Set up Rescue parachute under the seat

Pack your second rescue parachute as per manufacturer manual.

Put it into the container and connect the handle on the side. After that, connect the rescue belt with the risers.



Insert the rescue in the container under the seat, with the lines face down.



Take some pull up cords and prepare the closing flaps in sequence on the numbers (1-1A, 2-2A, 3-3A-3B, 4-4B)



Pull the cord trough the grommets and pin all the loops with the handles closing cable from 1 to 4. Always guide the yellow cable, which closes loop 4, through the yellow loop ! For your convenience there are different color markers on each cable and each grommet.



At the end remove all pull up cords and close the pins cover flaps.

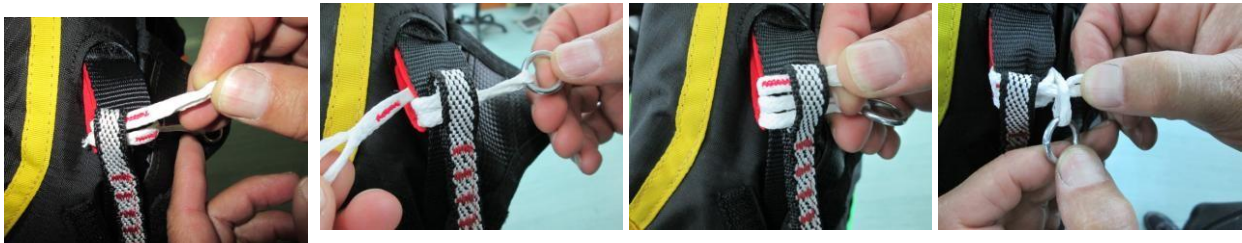


Set up LEFT SIDE rescue bridle using soft link

Follow the pictures to connect your rescue parachute with the harness.

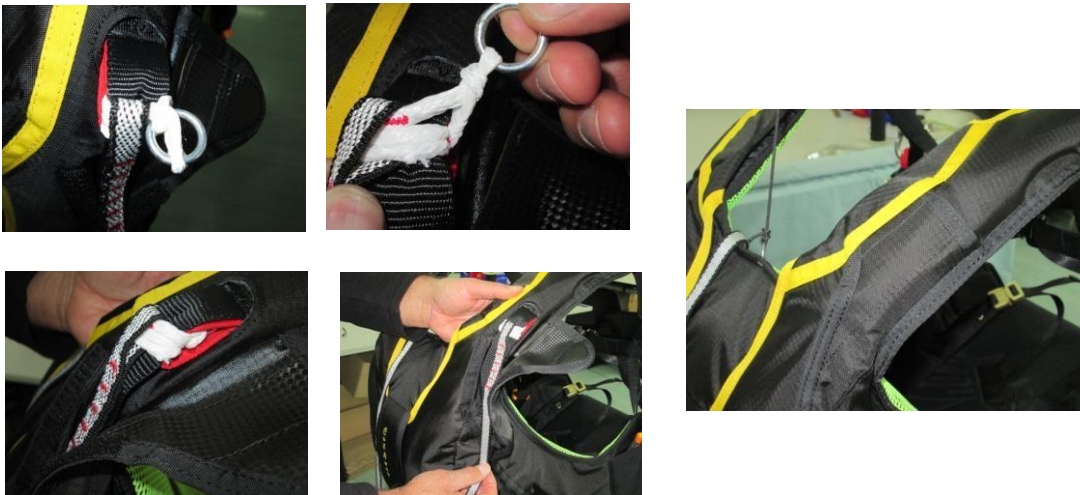


Insert the soft link line in the red attachment point located at each shoulder belt (under the magnets), and the rescue attachment line.



Wrap the soft link 3 times around the attachment point.

Pop in the ring and tighten it. Hide the ring and cover it with the magnet cover.



Set up LEFT SIDE rescue bridle using Maillon Rapide® min 500 kg

If you attach your reserve parachute with Maillon Rapide® just connect the additional Y-line to the harness attachment point as shown on the pictures below.



After you finish with assemble of the both rescues you can attach your wing.

Main wing attachment

Sit in your harness and adjust the shoulder straps, stick with Velcro the RLS to the neoprene cover as shown on the picture.



Attach the left riser of your wing to the left karabiner and tighten it. Make the same with the right wing riser and attach the RSL via Maillon Rapide® to the karabiner.



!!! Your harness is ready !!!



**ENJOY YOUR FLIGHT, AND DON`T FORGET THE MOST IMPORTANT
THE SAFETY**

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