



ACRO BASE
MANUAL

Dear Customers,

Thank you for choosing AVA Sport equipment!

The Acro Base is the harness that raises whole new standards regarding safety in paragliding. Integrating the usual under the seat rescue and new main container on the back of the harness – for the square rescue. More to this is the cutaway 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 Acro Base Harness we use elements from skydiving equipment, that proven as most reliable and safety 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 basic Acro Base 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 or your AVA dealer for extras such as : custom embroidery, cutaway system for some bombs, speed bar detachments, speedbar, soft links and backpack.

W A R N I N G S

Please read this manual carefully. Paragliding is an activity requiring, skills, specific knowledge and sound judgement. Be safe by learning in certified schools, subscribe and obtain an adequate insurance policy as well as a flying license while always making sure your flying skills are up to the task and weather conditions. Given the high risk of acro flying and the consequences of this kind of flying you must be responsible for your decisions and activities.

Acro Base harness is designed to provide fast, easy and safe opening of your controlled rescue canopy, which you can use to land safely on a desire location.

The Acro Base harness was designed for the paragliding activity only. It is NOT a Base jumping or a freefall harness. The PILOT is responsible for the proper use of the harness.

It's recommended the Cut Away System to 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 second 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 Cut Away 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 Acro Base system is not working with the standard speed systems. To use a speed system on Acro Base 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.

This is essential that you carry a helmet, suitable boots and clothing. Carrying a reserve parachute suitable for your weight and correctly connected to your harness is also very important.

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).

After reading this manual, we highly recommend you to check your harness by hanging in it before flying.

The proper use, compliance status and storage of Acro Base Harness together with the Cut Away System is Pilot`s responsibility and can be helpful for your harness live.

MANDATORY CHECKS

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 system landings on the sand

Hosing negotiability must be checked every month or after water landing and system landings on the sand.

The RSL and Free bag must be checked regularly for damages and especially after emergency cut away.

The second rescue under the seat must be repacked as per manufacturer manual or after water landing.

DALY PRE-FLIGHT CHECK

1. Check if the karabiners are good tighten
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 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 info@avasportcentral.com and avasport@avasportcentral.com

1. Cut Away System and second rescue

Acro Base Harness use the most popular and safety system from skydiving - the 3-Ring System and Rescue Static Line (RSL).



1.1. Cut away handle set up

Pass the both ends of the cut away handle through the small red loop on inner side of the main belt (step 1). Pull the whole cable till the handle comes to the belt (step 2). Plug in the short end of the cutaway cable into the upper hosing and pull it (step 3 and 4). Plug in the longer cutaway cable into the bottom hosing and pull it (step 5 and 6). Cover the strap with the cloth piece and stick the Velcro (step 7 and 8).

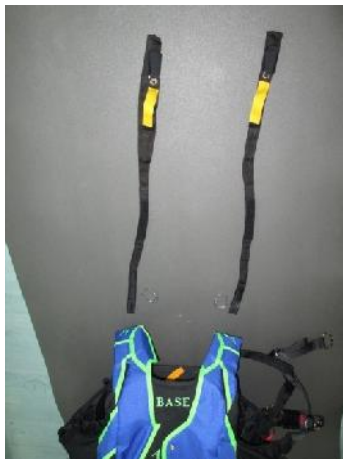


CHECK IF THE CUT AWAY CABLE IS PASSING THROUGH BOT HOSING



1.2. The 3-ring System set up

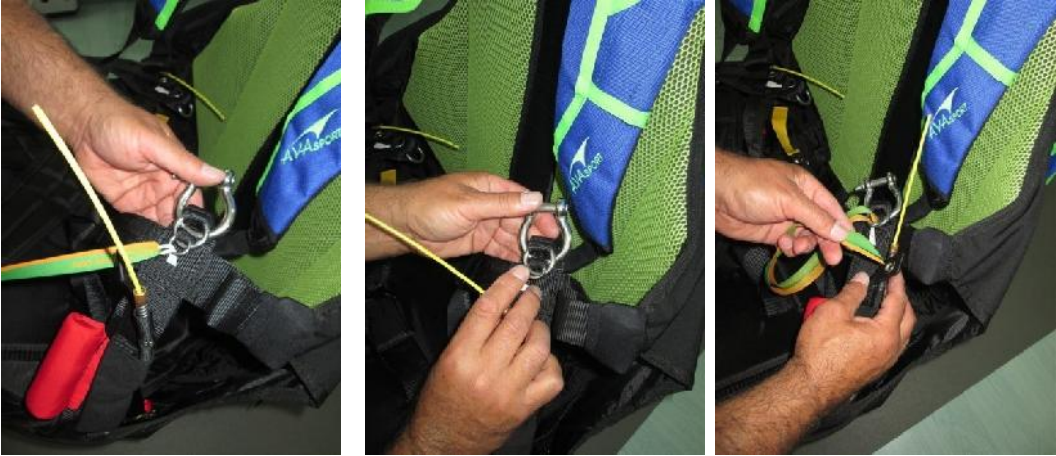
Attach the rescue risers. Make this on both sides of the harness.



Use a packing line to pas it trough the loop. Pass the big ring trough the karabiner firs and after that the small ring trough the big one.



After that pass the packing line, from bottom to top, trough the loop, the small ring and the grommet.



Lock with the yellow cut away handle cable. Put the end into the chest strap pocket.



**!!! DON`T FORGET TO MAKE THIS ON BOTH SIDES OF THE HARNESS
TAKE OUT THE PACKING LINE!!!**

Second rescue attachment



Magnet Pocket

NOTE: magnets should be placed inside the magnet pocket.

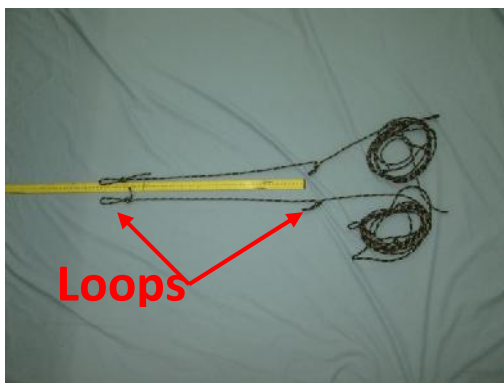
**!!! DON'T FORGET TO MAKE THIS ON BOTH SIDES OF THE HARNESS
TAKE OUT THE PACKING LINE!!!**

After you are ready with the set up of the Cut Away System, 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.

Compulsory 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 disassemble/cut away of the Cut Away System.

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). Tie the other end of the rope 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 assemble and pack your rescue parachute, please contact an authorized competent skydiver rigger.

2. 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 lines connect the risers with the canopy lines via Maillon Rapide®



After you finish with the attachment of the rescue canopy, **PACK YOUR RESCUE CANOPY IN ACCORDANCE WITH THE RESCUE CANOPY MANUFACTURER MANUAL!**

Now turn the free bag and put it in to the harness container with the line pocket down. Fold the Rescue Static Line (RSL) on to the free bag.



Take 2 packing lines and close the rescue container covers as shown on the pictures below. At first close Top flap (T1) with the right side top grommet (T2) and after that the bottom cover (B1) with the right side bottom grommet (B2). After that go through the left side cover top grommet (T3) and then through left side bottom grommet (B3).



Secure the top loop with the shorter cable pin. Secure the bottom with the longer cable pin and insert the cable into the small pocket



!!! DON'T FORGET TO REMOVE THE PACKING LINES !!!

Shape the pin cable cover and close the shoulder belts with the magnets.

NOTE: magnets should be placed inside the magnet pocket.



3. Set Up of the rescue parachute under the seat (round canopy)

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.



Put the rescue in to the harness container and using a packing line, close the container covers as shown on the pictures bellow. Don't forget to secure the loops with the black cables and at the end to remove the packing line.





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

4. Main wing attachment

After you sit in your harness and adjust the shoulder straps, stick with Velcro the RLS to the neoprene cover as sown on the picture:



Attach the left riser of your paraglider to the left karabiner and tighten it. Make the same with the right paraglider 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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