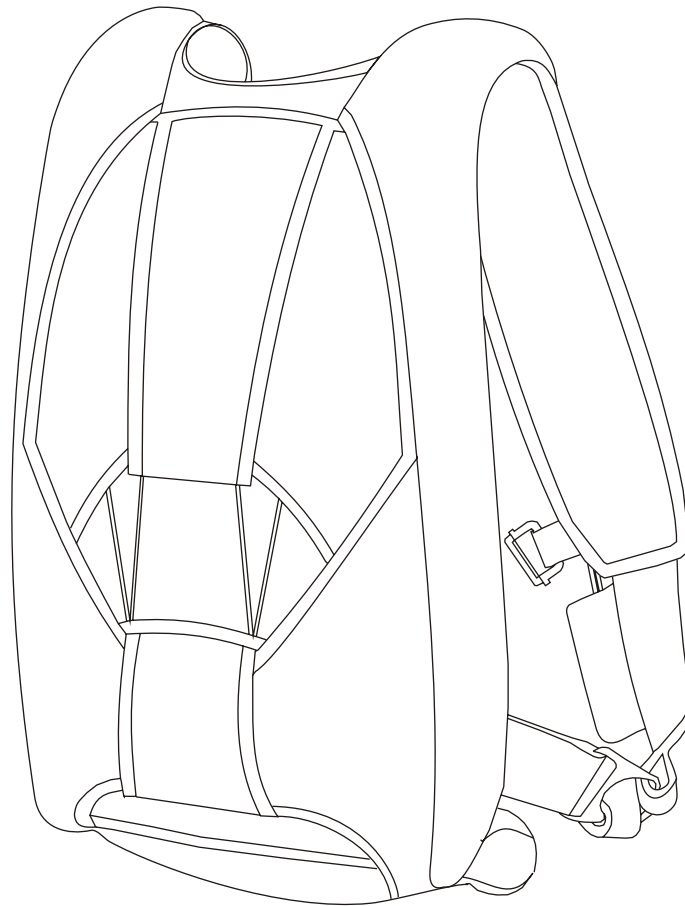


# SPIRIT Harness container system.

## MANUAL



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## SPIRIT Harness container system.

### Dear customer!

Read and follow all operating instructions and all manufacturer specifications, advice and requirements for use of the equipment.

Use only manufacturer recommended compatible components.

Examine and replace ANY defective, worn or deteriorated component part.

Examine all gear and equipment, including all fittings, buckles, snaps or other fasteners before each use of any parachute product.

Use only products for parachute use.

Do not exceed recommended or stated forces, speeds, or other factors regarding safe use of the equipment.

Read and follow all warning labels, timers or other similar equipment before each jump or use.

Be extremely careful and cautious.

Review emergency procedures before each use.

Do not be too selfconfident.

Never use equipment packed, prepared, assembled or fitted by others.

Examine your equipment before each use.

Failure to activate the main or reserve parachute (or execute correct emergency procedures) at a safe altitude, and/or equipment failure can result in serious injury or death.

**FAILURE TO FOLLOW ALL WARNINGS, INSTRUCTIONS AND REQUIRED PROCEDURES MAY RESULT IN SERIOUS INJURY OR DEATH.**

Read and follow all WARNINGS, WARRANTY and INSTRUCTIONS for products.  
Read page 2 of this manual.

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## **WARNING**

### **PARACHUTING IS A HAZARDOUS ACTIVITY THAT CAN RESULT IN INJURY OR DEATH**

Even though the parachutes described in this manual are intended to be life saving devices, there is no guarantee that they will work if needed.

There are so many factors, both human and natural, beyond our control that we want you to clearly understand that by using or intending to use our parachutes, you are assuming a considerable risk of personal injury or death.

## **DISCLAIMER**

There are **NO WARRANTIES** which extend beyond the description of the parachutes in this manual, and neither the seller nor any agent of the seller has made any affirmation of fact or promise with respect to the parachutes except those that appear therein.

The liability of the seller is limited to the duty to replace defective parts found upon examination by the manufacturer to be defective in material or workmanship within 7 days after purchase and found not to have been caused by any accident, improper use, alteration, tampering, abuse or lack of care on the part of the purchaser.

Read and follow all WARNINGS, WARRANTY and INSTRUCTIONS for products.  
Read page 2 of this manual.

## Features

1. Harness/container system
2. Reserve freebag with bridle
3. Main deployment bag with bridle
4. Reserve spring pilot chute
5. Main pilot chute
6. Cutaway handle
7. Ripcord handle
8. Closing loop main
9. Closing loop reserve
10. Main risers with no velcro toggles
11. Reserve hook toggles
12. Passport
13. Manual
14. Pull up
15. Rubber bands



Read and follow all WARNINGS, WARRANTY and INSTRUCTIONS for products.  
Read page 2 of this manual.

## Cypress assembly

Put the Cypres main device in the special pocket in the bottom of the container.



Stretch wires through the channels up to the top of the container.



Set the controlling device in the special pocket situated on the back of the container.



Push accurate the rest of the cable inside.



Stretch the wire with a cutter through the black channel situated on the inside of bottom reserve flap\* of the container.



Now carefully place the rest of the cables under the velcro. Cypres is now installed.



\* Cypres cutter is situated on the bottom reserve flap for the SPIRIT container of size 2 and 3. For SPIRIT container of sizes #1, #0, #00, #000 cypres cutter is placed on the right reserve flap.

**Read and follow all WARNINGS, WARRANTY and INSTRUCTIONS for products.**  
Read page 2 of this manual.

# SPiRiT Harness container system.

## **Locking loops:**

Type of closing loop can be used with CONTAINER.

Standard loop made of 2,3 mm diameter line.

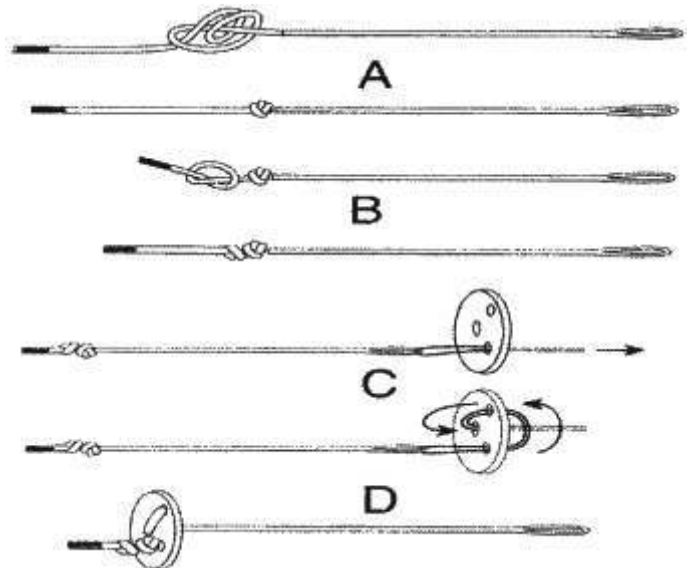
Use the picture below to identify the correct type of loop.

The following points must be strictly respected:  
The fixing of the loop must be made with the metallic washer  
Provided with your harness container.

- A) Mark the right length for the canopy to be packed, then make the knot and tight it on the mark.
- B) Make a second knot and tight it on the first one.
- C) Attach a thread on the loop, then route it through the second and third hole as it is shown.

## Reserve closing loop length.

000	-60 mm
00	-60 mm
0	-70 mm
1	-75 mm
1/2	-80 mm
2	-80 mm
3	-90 mm
4	-90 mm



**2,3mm Standard washer**

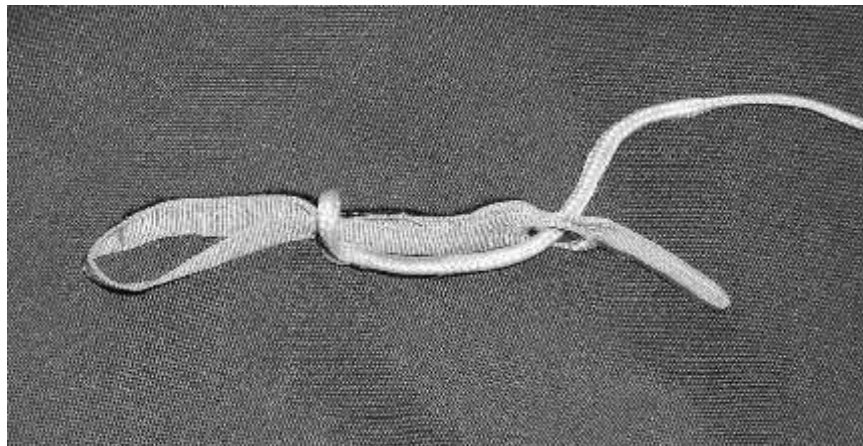
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After checking reserve canopy lines, check connectors and risers.  
Control lines must set in to the reefing rings on a back  
reserve canopy risers.

### Reserve toggles assembly

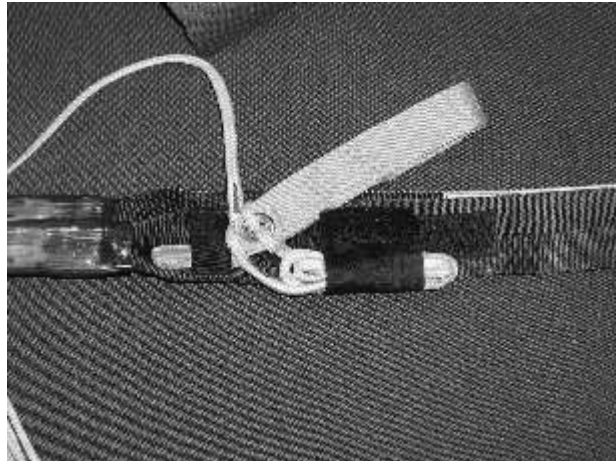
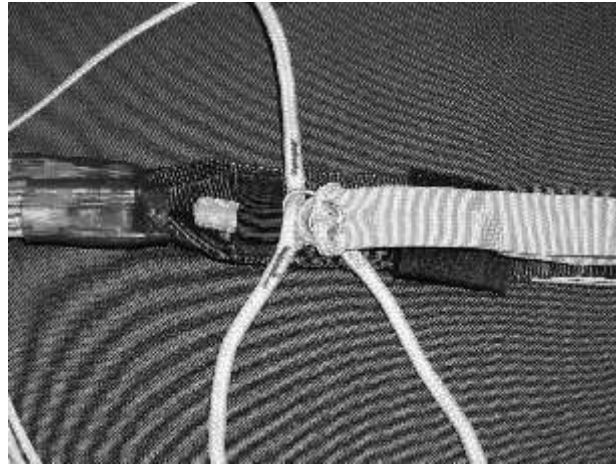
Route the control line through the grommets on a toggle and  
put loop trough toggle. Tight the loop across grommet.



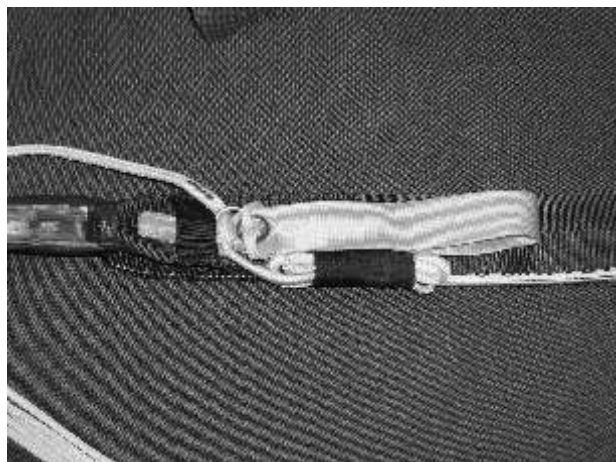
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## Reserve canopy control lines



Stow line slack then secure it with the velcro fastener.



Reaching this stage of operations the reserve canopy is ready to be packed into the deployment bag according to the specific manual.

Read and follow all WARNINGS, WARRANTY and INSTRUCTIONS for products.  
Read page 2 of this manual.

## Reserve freebag set up

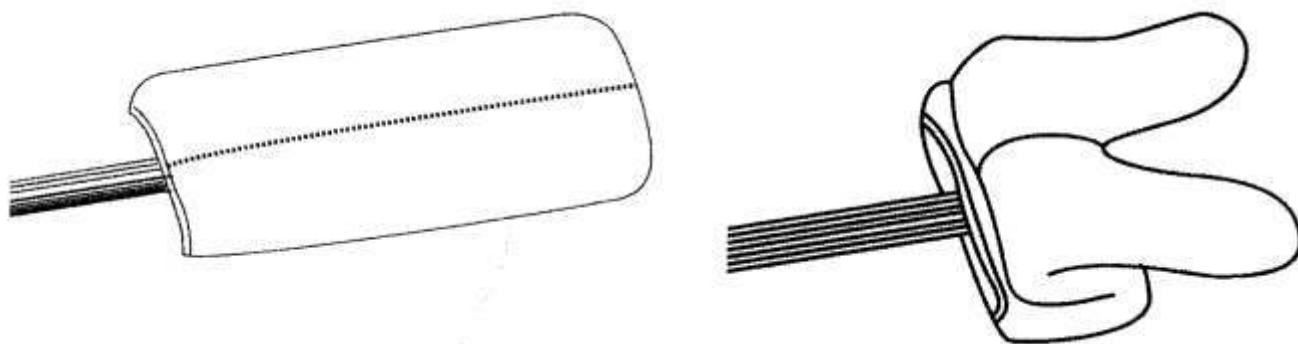


Route the elastic endings through the grommets.

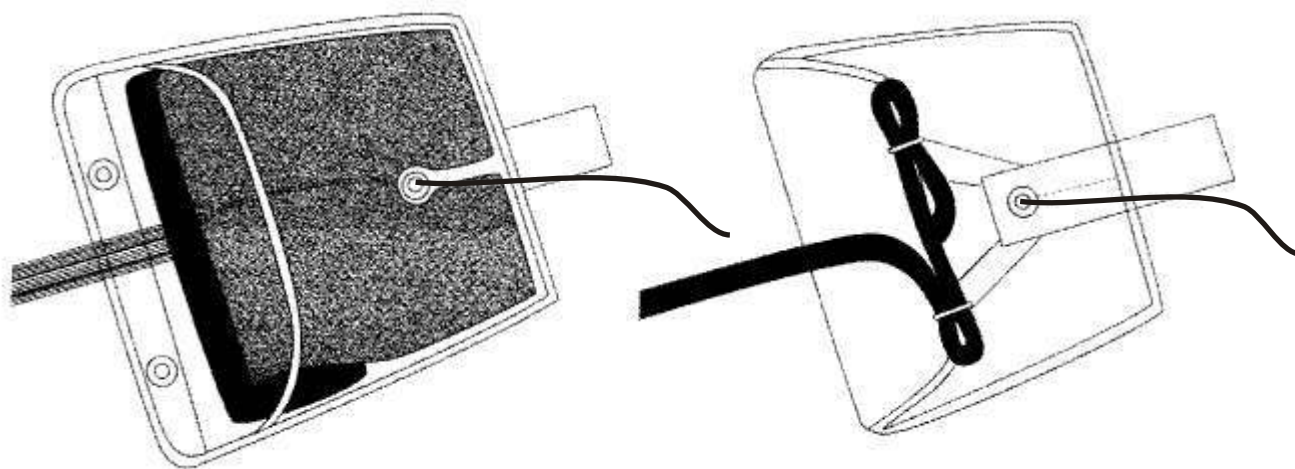
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Read page 2 of this manual.

### Packing reserve to the reserve freebag.

Prepare the canopy following the drawings below (refer to the reserve canopy packing manual)



After placing canopy on the bag work one side at a time into the freebag. Fill the top of the bag as full as possible. Close the freebag mouth lock using the safety stow.



Roll over the bag without making twists and stow the lines into the velcro line pocket.

Close the protection flap and roll over the deployment bag (do not twist).

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Read page 2 of this manual.

## Closing the reserve container

Before you put freebag into the container, compress it to push out air.

Arrange risers flat in the reserve container bottom, then place the freebag. Distribute accurately the reserve canopy over the container, especially in its corners.



Close the inside up flap, then clear the bridle.  
Fold the bridle in a triangle to distribute its thickness.



Route the packing cord through the pilot chute grommets.  
Place the base of the pilot chute or the exit loop grommet then compress the spring coil after coil and lock with the pin. Clear fabric and mesh from the coils.

Close down flap and route pilotschute for 2-3 .  
Fold and arrange the fabric as shown to avoid any clamping under the flaps.

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Read page 2 of this manual.



## SPIRIT Harness container system.



Close left and right side flaps. Arrange pilot chute fabric under each side flap.



**!** After closing all flaps check closing loop condition. **!**  
If the loop have any damages, change the loop.  
Check temporary closing pin.

Read and follow all WARNINGS, WARRANTY and INSTRUCTIONS for products.  
Read page 2 of this manual.

### RSL installation guide

The Reserve Static Line System (RSL) is optional equipment on the SPIRIT harness/container!  
If it is not installed on your SPIRIT you do not need to read this section!

If you would like to have the RSL installed on your SPIRIT you may contact the authorised rigger or Paraavis company at the address in the beginning of this manual!

To properly use a system equipped with an RSL" you must be familiar with its assembly" operation and function! You must also receive training from competent instructors prior to using such a system!

The RSL system consists of a lanyard between the left main riser and the reserve ripcord! It is designed to use the mechanical force of the released main risers after a cutaway to pull the reserve ripcord pin! It is not guaranteed to function properly and should not be relied on to activate your reserve!

To install RSL mate about 17-20 cm of hook Velcro on the RSL lanyard to the 2,5 cm pile Velcro on the back of the left rear reserve riser (see Pict.1)



Pict. 1



Pict.2

Mate 1cmX3cm hook and pile Velcro forming a fold.(Pict.2)

Insert excess RSL lanyard fold into the space behind 3-ring cover below the left main harness ring (see Pict.3)



Pict.3

Read and follow all WARNINGS, WARRANTY and INSTRUCTIONS for products  
Read page 2 of this manual.



## SPIRIT Harness container system.

Attach the snap shackle to the main riser RSL ring and inspect routing. The RSL shackle must not interfere with the operation of the 3-Ring System. (See Pict.4)



Pict.4



Prior to the upper reserve closing flap, thread reserve ripcord through the RSL rings with the ring on the RSL lanyard between the housing keeper and the RSL retainer ring. (See Pict.5)

Pict.5

Proper configuration of the reserve ripcord through the RSL rings is critical to the proper function of the RSL system (See Pict.6).

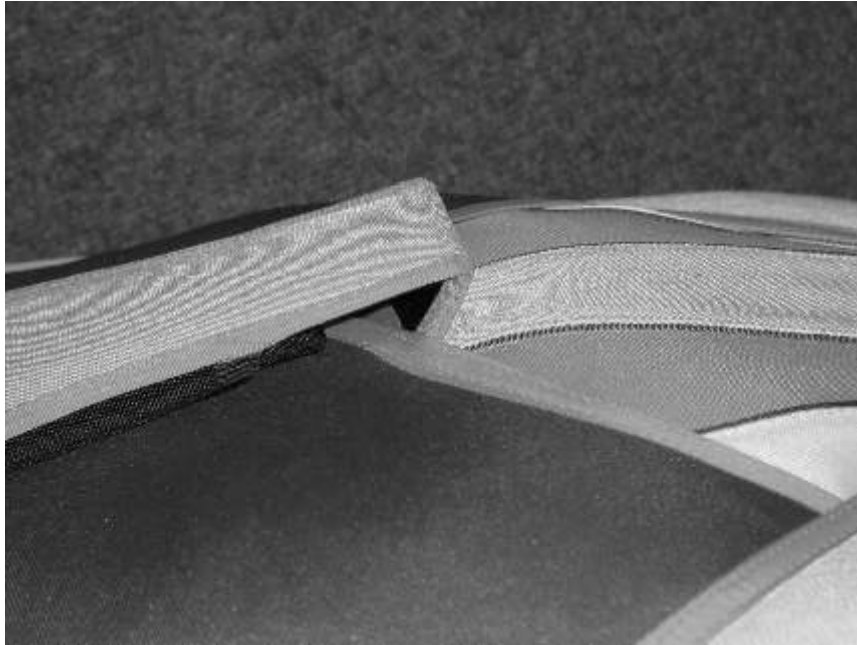


Pict.6

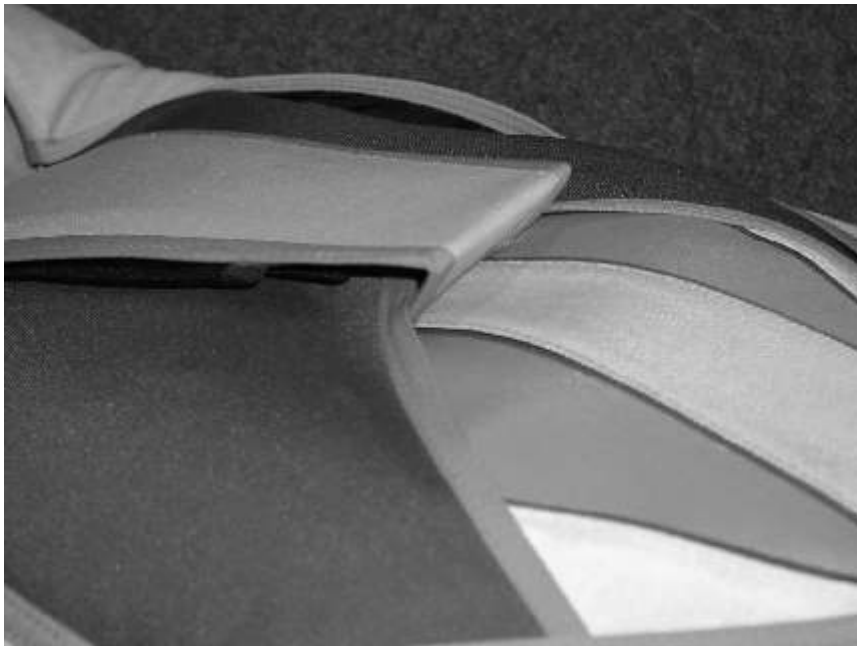
After closing the reserve protective flap neatly tuck the excess lanyard under the reserve riser. RSL is now installed!

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Read page 2 of this manual.

Reserve container protection flap close.



Close the protection flap by slipping tongues under the upper flap.



Read and follow all WARNINGS, WARRANTY and INSTRUCTIONS for products.  
Read page 2 of this manual.

### Standard 3-ring release system. Assembly of 3-ring release system.

Before assembling the 3-Ring release make sure the risers aren't twisted or reversed.

Thread each cable into its housing and mate the handle to the harness.

The handle should be positioned as close to the ends of the housings as possible so that little or no cable is exposed.

Assembly:

Before assembly, check that all components are new or in perfect condition.

The cables and housings should not show any damage. Keep the equipment away from the sun.

Ultraviolet light weakens nylon components without any visual sign.



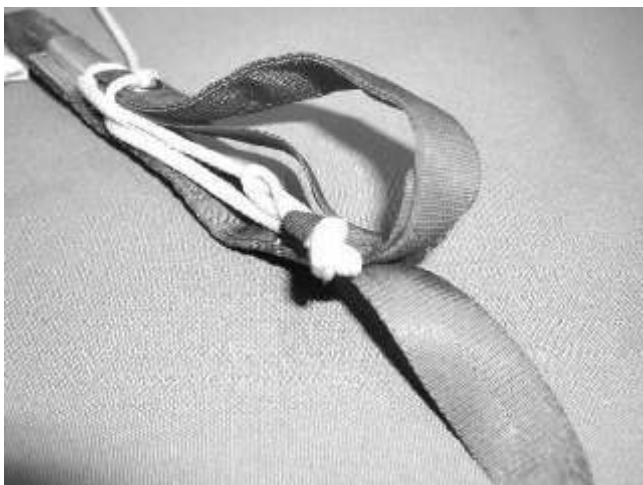
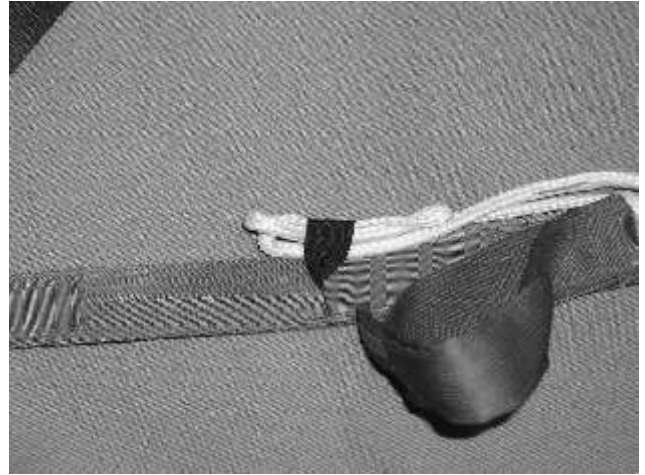
#### Caution:

For improved safety check 3-ring release system before each jump and reconnect after 1 months of usage or every 50 jumps.

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Read page 2 of this manual.



Main canopy toggles assembly



Read and follow all WARNINGS, WARRANTY and INSTRUCTIONS for products.  
Read page 2 of this manual.

Main parachute closing loop set up.



## Closing loop length. Main

000	-150 mm
00	-160 mm
0	-160 mm
1	-170 mm
1/2	-175 mm
2	-180 mm
3	-190 mm
4	-200 mm

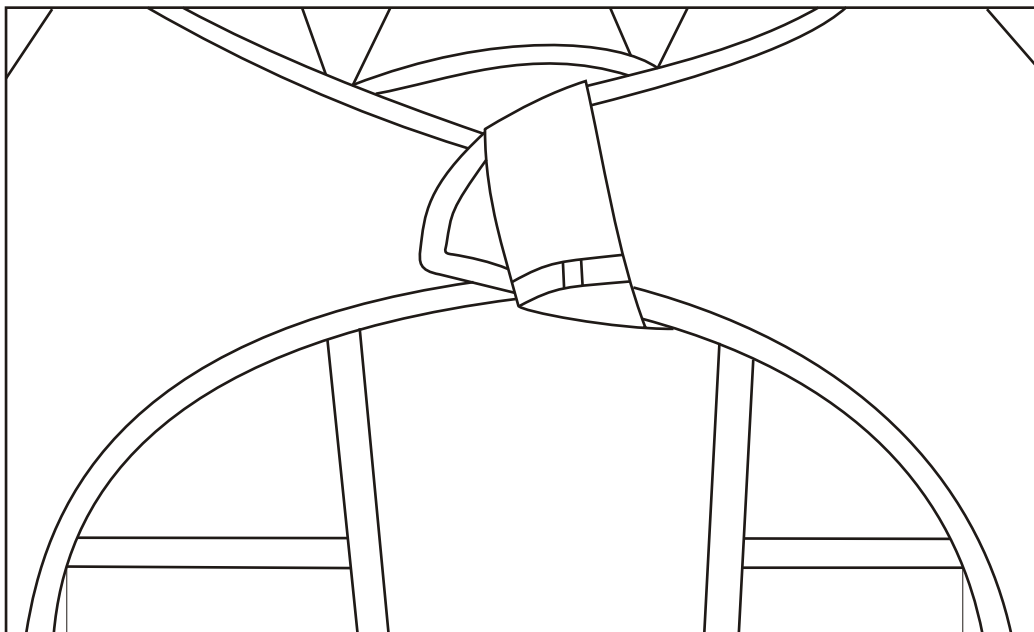
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## Main parachute D-bag packing.



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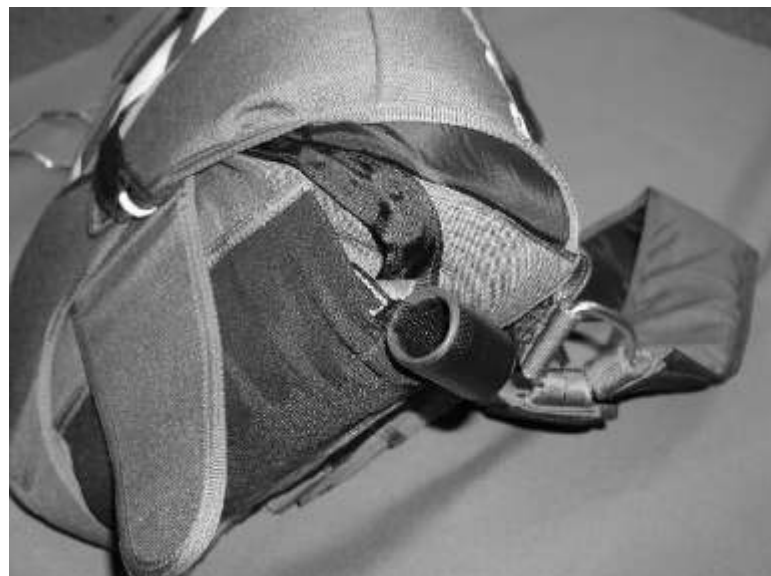




The force to withdraw the curved pin must be measured between 5 and 8 dan.

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Read page 2 of this manual.

Throw away pilot chute.



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## Sizes chart

Size	Main (sqft)	Reserve square (sqft)	Round Reserve	Cypress	FXC
000	75-90	max 90	No	Yes	No
00	90-105	max 115	No	Yes	No
0	105-120	max 120	No	Yes	No
1	120-150	max 150	No	Yes	No
2	150-190	max 210	Yes	Yes	Yes
3	215-285	max 250	Yes	Yes	Yes
student	215-285	max 250	Yes	Yes	Yes
tourism		300	No	Yes	Yes

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## **SPIRIT Harness container system.**

Rigger notes

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