

UPDATED MARCH 2009

ADDITIONAL CLAUSE TO
THE ADVANCE TANDEM

-CLOSING SEQUENCE OF
THE MAIN CONTAINER

-MODIFICATION TO
LIMIT THE POTENTIAL
RISKS OF PREMATURED
MAIN CONTAINER
OPENING.



Because of several wrong bridles routing when closing the main container, we have decided to set a new method and a modification. This method must be strictly follow the way it is shown here. If well done this routing will limit any incident from a prematured opening of the main container while the drogue chute still connected. The modification mods is on a separate document.

The connecting bridle from the main bag to the drogue chute is blue for this purpose. It must be set on the left side of the container under the upper main flap.



Connect the Drogue chute. The Drogue chute release cable (left on the shot), must be prepared without being running into the Drogue chute riser connecting loop.



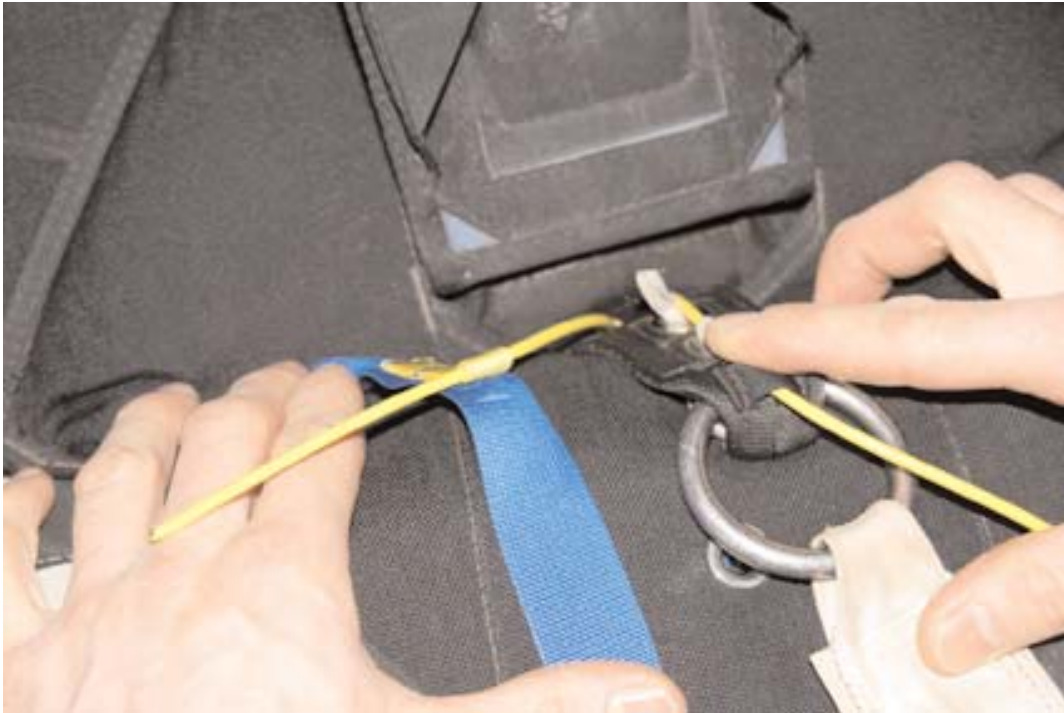
Rear view of the Drogue chute and cables routing.



The bridle with its loop tape (see modification file) is presented toward the left cable from the bottom over the main upper flap.



Insert first the main Drogue release cable into the tape loop.

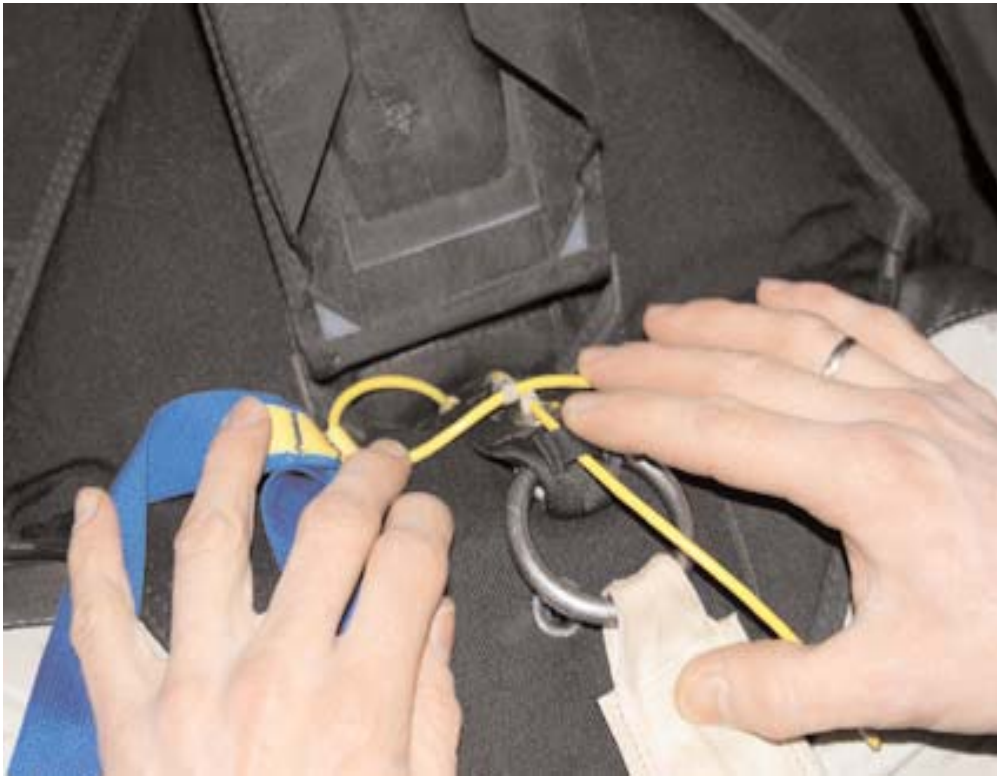


In case of a premature opening of the main container, the main bag gets out and floats around. As soon as the main bag gets out, the bridle has enough tension to pull the Drogue release cable connected to it. This will allow the Drogue chute to be immediately released avoiding a possible entanglement before the T.I. pull the Drogue release handle to cleared up the opening sequence. When pulling the main ripcord until the drogue chute is released, the tape loop is not in action while the yellow cable is sliding out. We can see that the automatic Drogue disconnection system do not interfere at all with the manual action on the main release handle.



Then route the Drogue release cable through the Drogue release loop from the Drogue riser.

The setting sequence is:
Prepare the Drogue release cable.
Insert it into the tape loop.
Insert it into the Drogue release white loop.



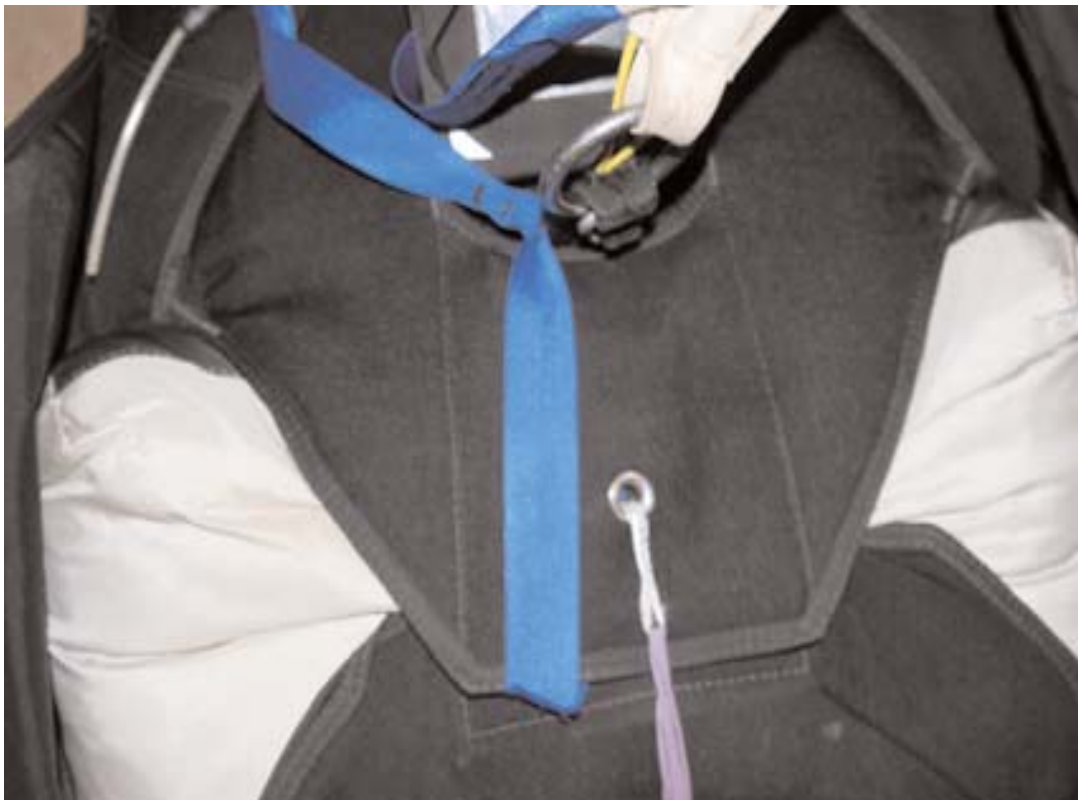
View of the system properly installed.



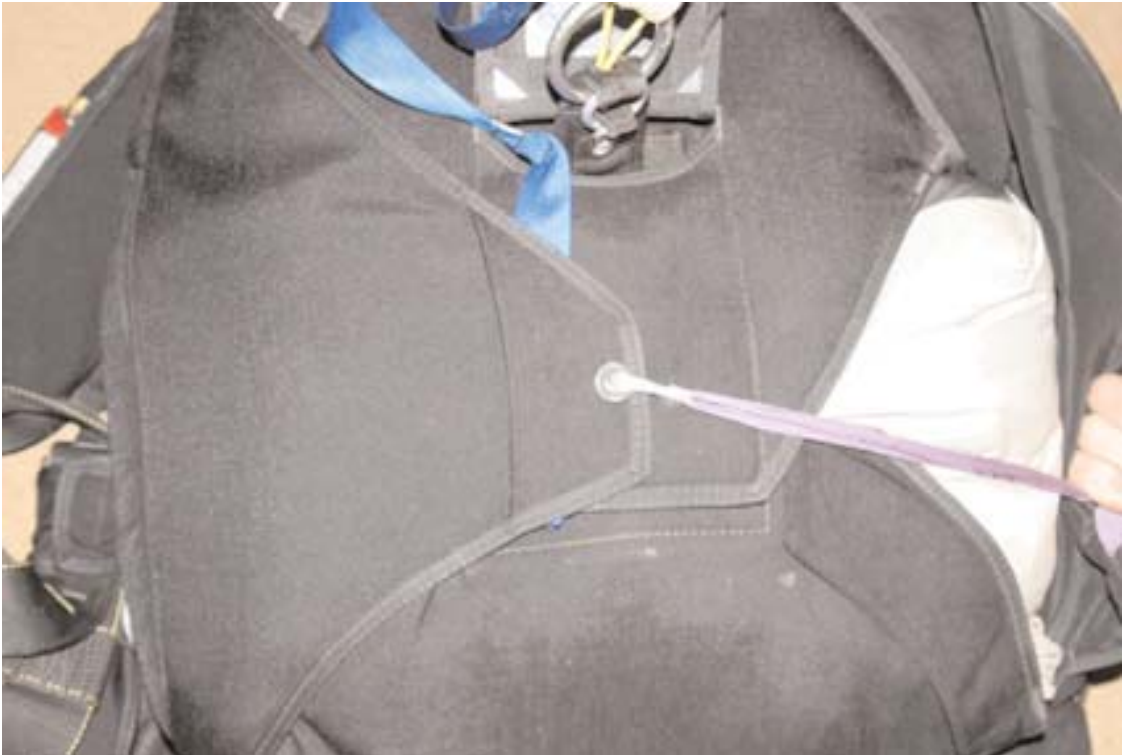
Stow the main Drogue release cable into its tunnel.



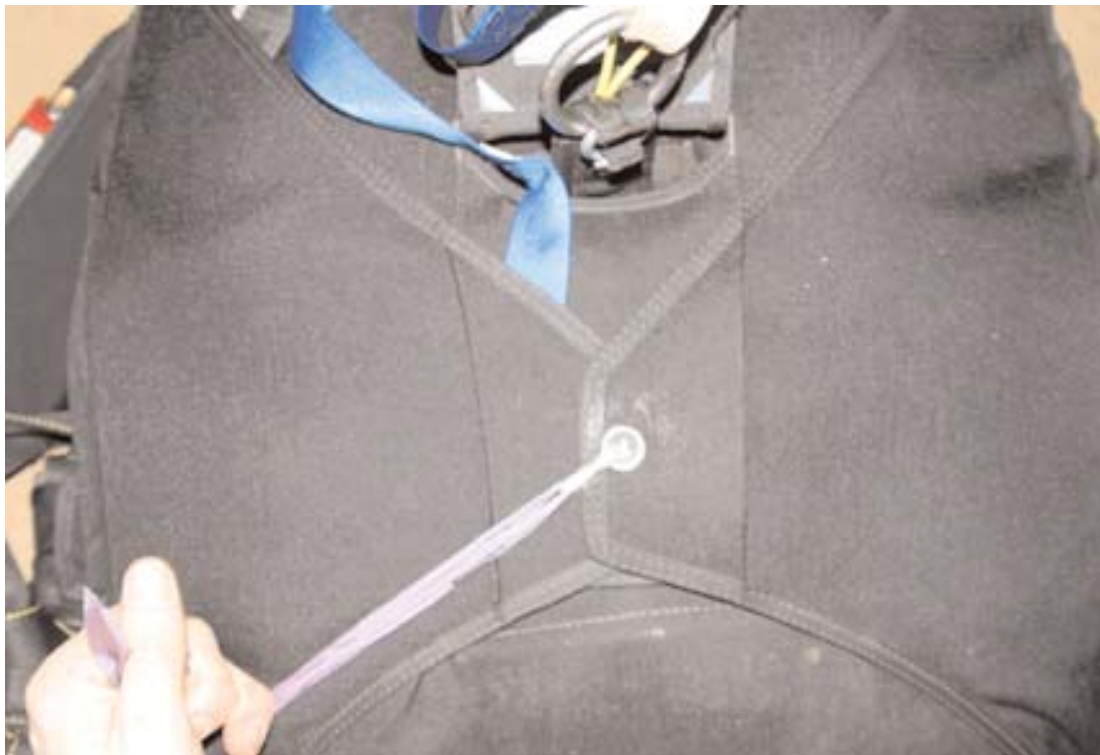
Route the bridle as shown and close the lower main flap.



Close the main left side flap **FIRST**.



Close the right main side flap **LAST**.



Secure with the main pin cable.
The bridle must be routed on the left side of the container.



Stow first the upper bridle slack under the upper part of the left side flap.



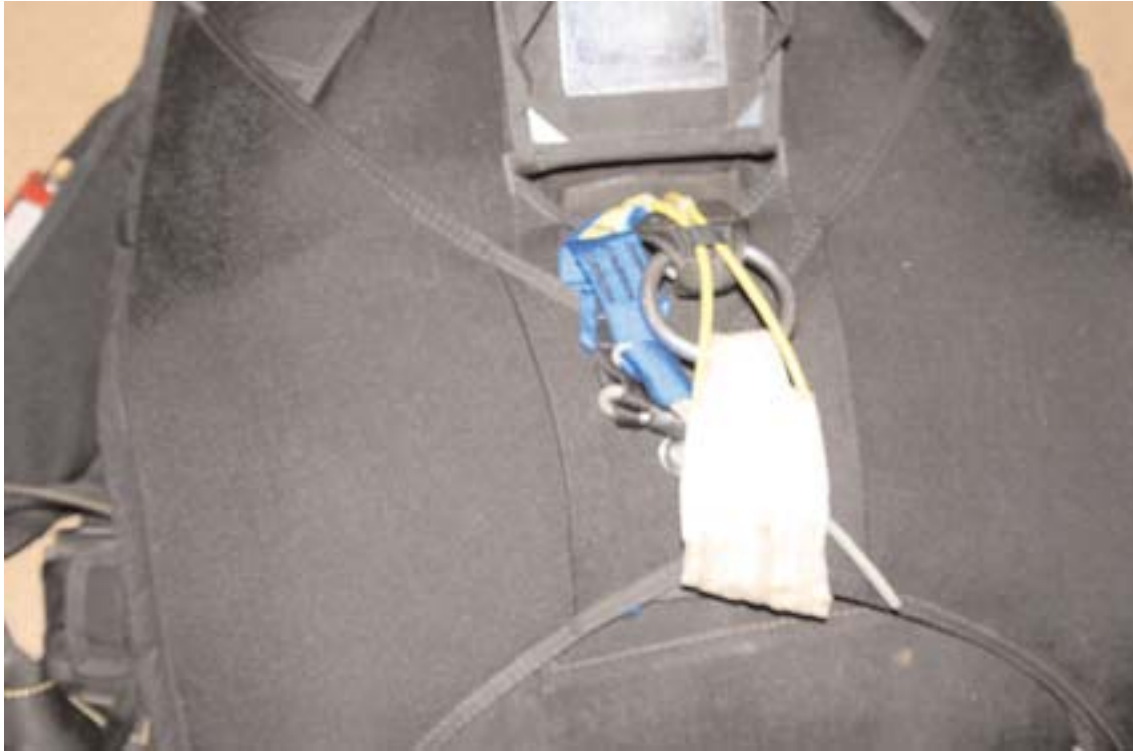
Stow the lower part of the bridle slack under the upper part of the left side flap too.



Set the Drogue chute bridle vertically toward the bottom of the container as shown.



Stow the Drogue chute bridle under the main right flap toward the Drogue pouch. This process make sure that the main bag connecting bridle is on one side and the Drogue chute bridle is on the other side. This avoid any potential conflict between both bridles which can be caught by each other. Such conflict can pull the closing pin cable when the Drogue chute is jettisoned.



Stow the Drogue Chute in its pouch and close the main protecting flap.

