

## Speed-system- separation system HKar141 Instructions

The speed system separation system provides an automatic detachment of the speed system when using Quick-Out karabiners on paragliders with a speed system. This separation system is recommended when harness and paraglider are connected to one another by means of brummel hooks.

The brummel hooks present on the harness, are exchanged for the special separation system brummel hooks HKar141. If the speed system cords (1) on the footrest are removable, then they can be exchanged for the speed system cords with sewn in loops (delivered with the speed system). If the speed system cords cannot be removed, the brummel hooks on the ends of the existing speed system cords have to be removed. The loop at the end of the speed system cord (1) is connected to the separation system brummel hooks by means of the curved parachute pin and rubber band **as shown in the pictures**. The free end of the separation system cord (2) must be tied to the harness chamber of the Quick-Out karabiner.

An assistant is needed to help ascertain the correct lengths of the speed system cord (1) and the separation system cord (2) before launch. The pilot must put the harness on, connect it to the risers, and sit down on the ground. An assistant must hold up the risers, whilst the correct length of the speed system cord (1) on the harness is first ascertained. Subsequently the separation system cord (2) should be adjusted short enough so that it is not quite under tension when the footrest is fully operational.

By a subsequent release test of the Quick-Out karabiners, the separation system cord must tension, pulling out the curved parachute pin, and resulting in a separation of the speed system when the risers are under tension.

