

2.1.16. Assemble the leading edge/crossbar junction (Fig.15).

To make this use open zippers on the bottom surface. Any wire must not be wrapped around any tube.

Insert the bolt into the hole of the leading edge tube from the underside. Install the standoff (and 6-mm plastic washer for Target 13) on the bolt from the top side. The concave part of the standoff must lie on the tube. Fit the tang of the bottom wire over the bolt. The wire part of the tang must be turned to the keel section of the glider. The bent part of the tang must point downwards. Then fit the fluoroplastic washer, the crossbar/leading edge junction plate on the crossbar over the bolt. Fit the tang of the top side wire over the bolt.

Fix the joint using the nut and the safety ring (Fig.16).

NOTE: The bottom wire as mounted must not pass in front of the leading edge tube.

The top side wire as mounted must pass in front of the crossbar.

Check the junction once more taking into account its maximum loading while in flight.

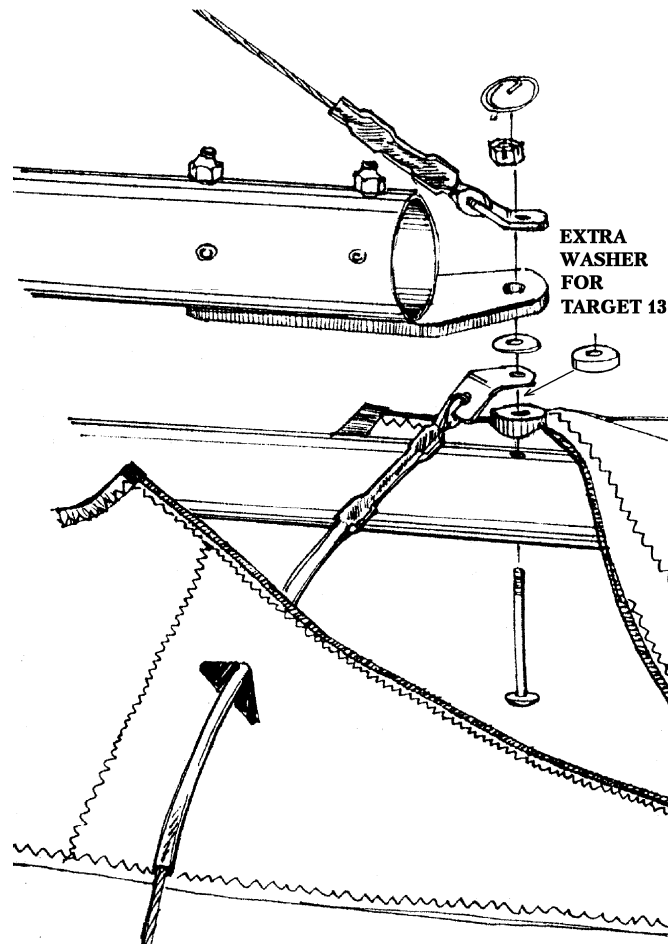


Fig.15

2.1.17. Tighten the sail along the leading edge and put the sail mount webbing into the slot in the endcap. Fix the sail by inside velcro. (Fig.16).

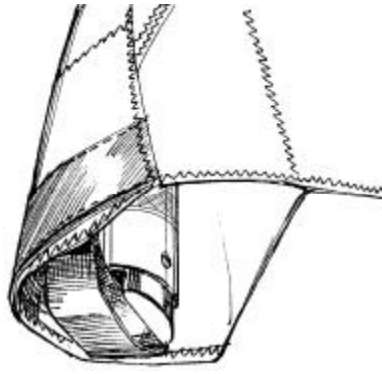


Fig.16

2.1.18. Pass top rear wire through the tape loop near the connection of the keel pocket and the sail. Secure the tang of the bottom rear wires, the keel mount webbing (from the underside) and the tang of the top rear wire (from the upper side) using the bolt fixed with the nut and the safety ring (Fig.17).

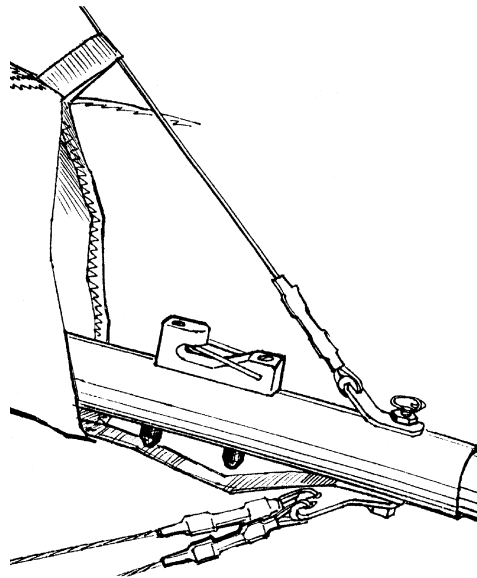


Fig.17

2.1.19. Lift the nose of the glider. Rest the glider on the control bar. Check that bottom wires are situated properly near the control bar. Carefully spread the wings so, that sail is a little sagged. Check that the sail mount webbing is seated squarely and securely in the slot in the endcap.

NOTE: If the wind is strong you may rig the glider flat on the ground, not standing on the control bar. But with a weak wind try to rig the glider on the control bar. In such case your glider will look new for a longer time.

2.1.20. Attach the hook of the top rear wire and the luff lines to the thimble of the top front wire (Fig.18) and spread out wires, attached to the hook, properly.

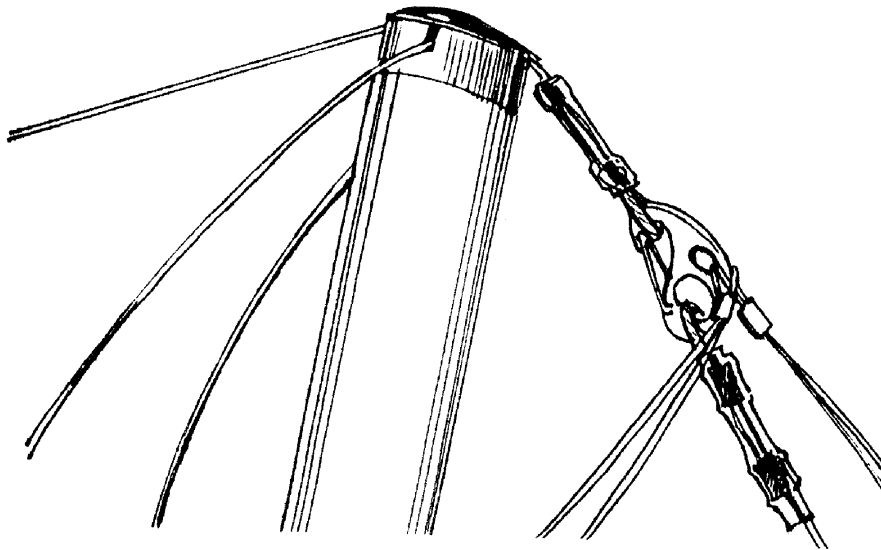


Fig.18

2.1.21. Put the short luff lines through the grommet which is free from the batten tension leech line and which is near the 2-nd batten pocket from the keel. Fit the washers and the safety ring over the wire loop (Fig.19).

Perform the same procedure with the long luff lines, after its installation through the free grommet near the 3-rd batten pocket from the keel.

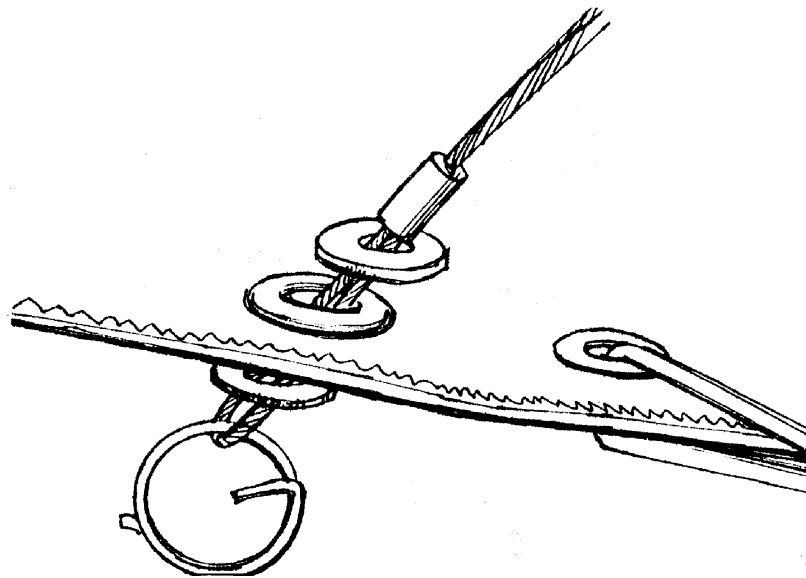


Fig. 19

2.1.22. Put the crossbar tensioning wires through the keel pocket. Don't twist the wires. Fix the maillon of rubber rope to the ring of crossbar tensioning wires (Fig.20).

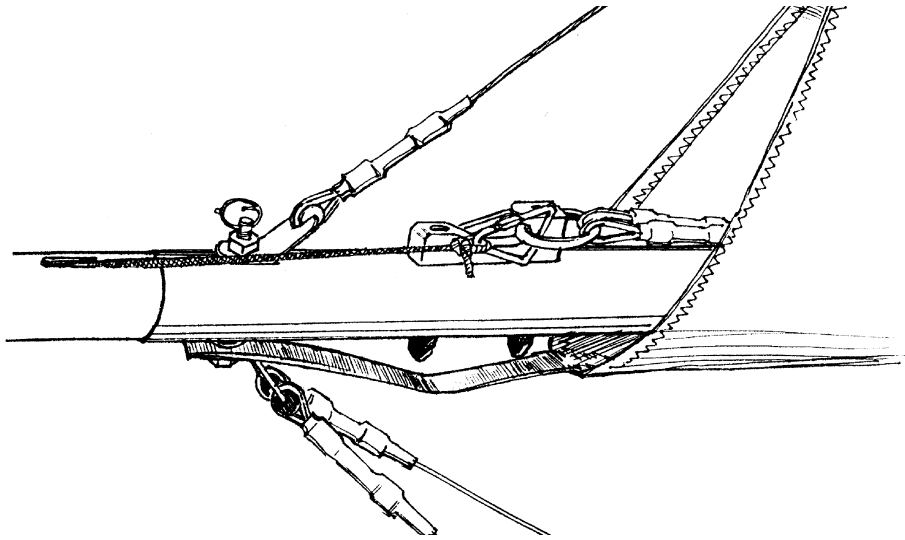


Fig. 20

2.1.23. Remove the battens from the bag. Battens No.1 and No.2 are dismountable for a transportation in a short package. Assemble them using pins provided and secure with plastic tube (Fig. 21).

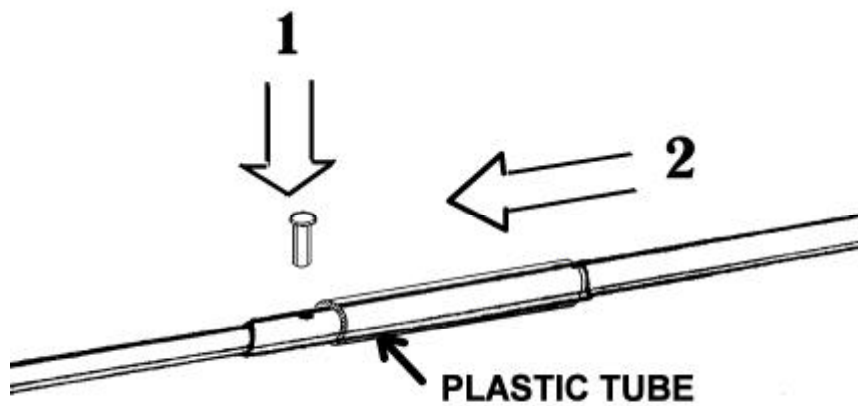


Fig. 21

NOTE: The glider is set up in the 6-metres long condition. The further set up procedure is analogous to one from the bag 6-metres long (section 2.2) except points 2.2.1-2.2.6.

2.2. SET UP PROCEDURE FROM THE PACKAGE 6 METRES LONG

2.2.1. Undo the zipper on the 6 metres bag and remove the battens in the bags, speedbar and the nose cone from the bag (Fig. 22).

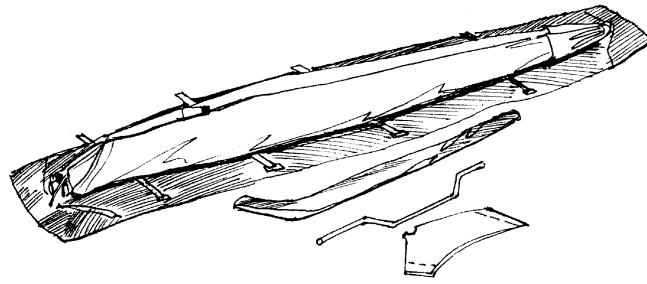


Fig. 22

2.2.2. Remove the safety bag from the downtubes. Spread the downtubes. Install the speedbar so that off-set of the speedbar is directed forward and upwards to the flight direction. Fix each end of the speedbar using the bolt, the wing nut and the safety ring or using quick-pin (see Fig.3).

2.2.3. Rest the glider on the control bar (Fig. 23).

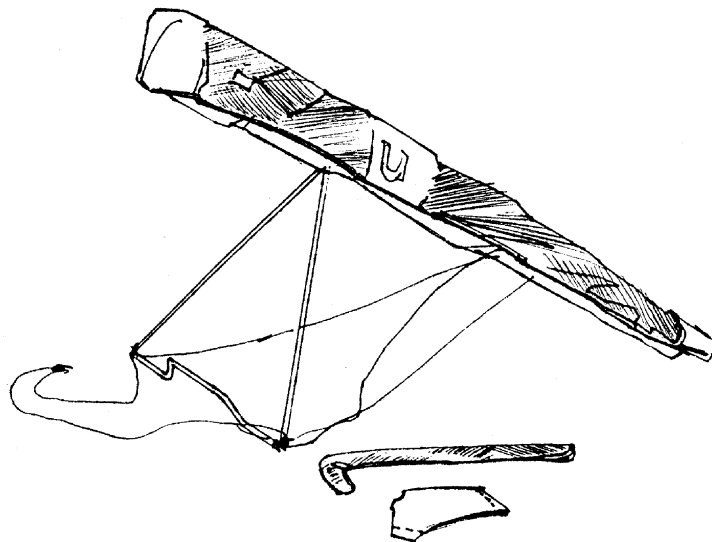


Fig. 23

2.2.4. Remove the bag and the velcro straps. Spread the wings so, that the sail is little sagged and the glider is resting on the consoles and on the keel tube (Fig.24).

NOTE: Take care that the luff lines and the top wires are not wrapped around the keel and are free from the keel hardware.

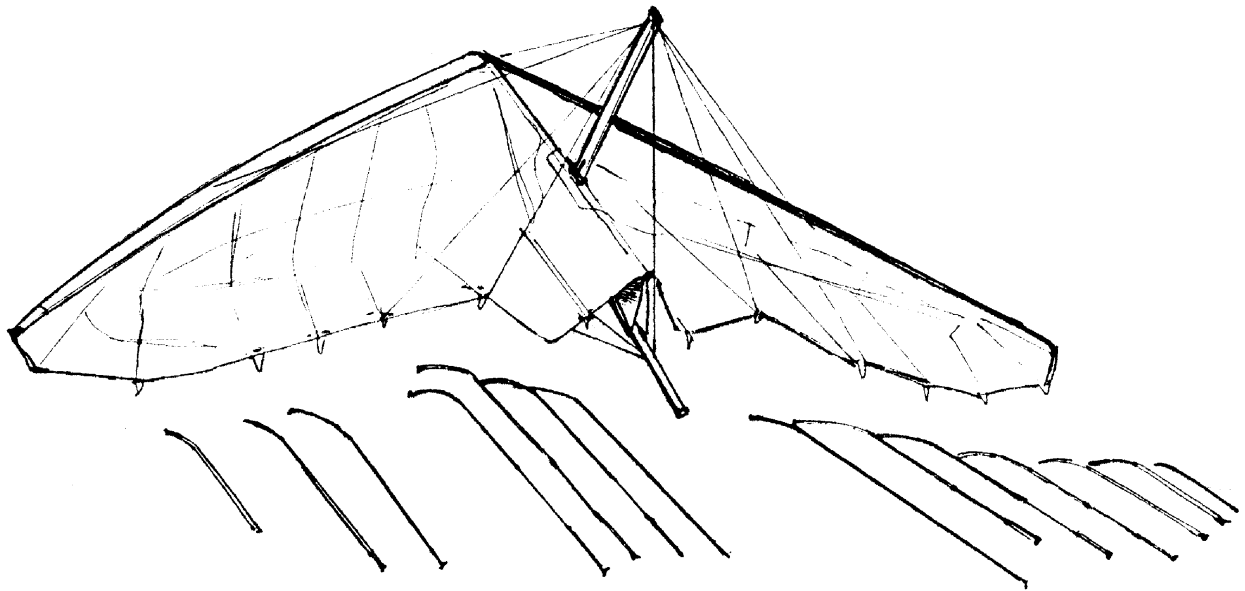


Fig.24

2.2.5. Remove the protective bag from the rear section of the keel tube. Attach the hook of the top rear wire and the luff lines to the thimble of the top front wire (see fig.19). Make sure that the hook for the wires is not inverted and the luff lines are not twisted.

2.2.6. Remove the battens from the bag. Lay them on the ground for each wing separately in decreasing order of length (see fig.24). Insert battens into the battens pockets.

Battens of left and right wings has a marking of different colours or plastic details of different colours.

2.2.7. Secure the rear end of each batten by first looping the bottom loop of leech line around the notched batten end, and then attaching the top loop using the extra loop as a handle (Fig.25,26). Be sure the leech line loops are not caught underneath or wrapped around the luff lines.

Insert the tip battens until they are stopped on the N4 leading edge tubes and fix them using the leech lines.

NOTE: The sail battens must be installed before the crossbar is tensioned, otherwise you will decamber the battens and may ruin the sail.

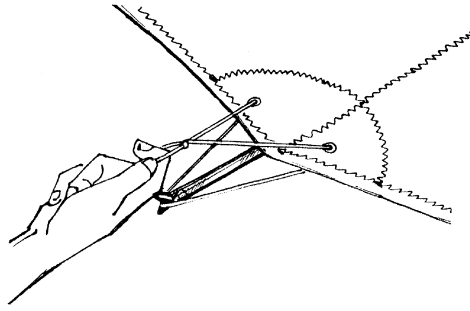


Fig. 25

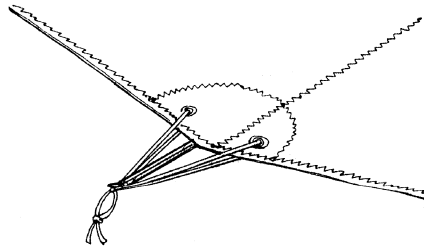


Fig. 26

2.2.8. Spread the wings all the way and check all wires for twisted thimbles or tangs.

2.2.9. Pull the crossbar tensioning wires and put the metal ring of the wires on the hook of the stop detail on the keel tube. Take care that reeded spring closes the metal ring in the hook (Fig.27). Effort on the crossbar tensioning wire should not be big.

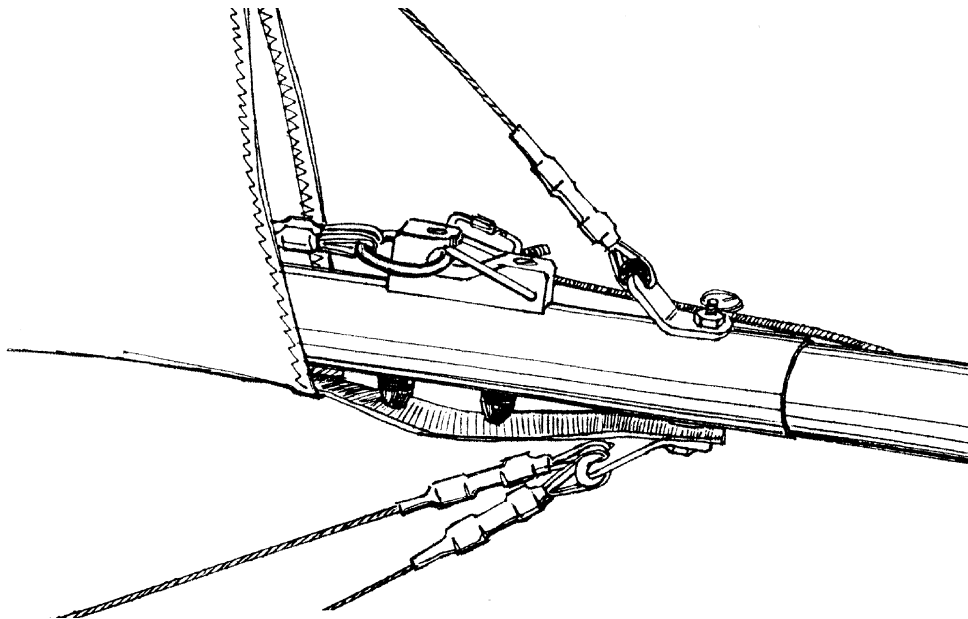


Fig. 27

2.2.10. Secure the lock of the bottom front wires in the channel of the nose assembly by the pin and the safety ring / quick pin (Fig.28). If necessary put the fork of the keel batten on the keel tube.

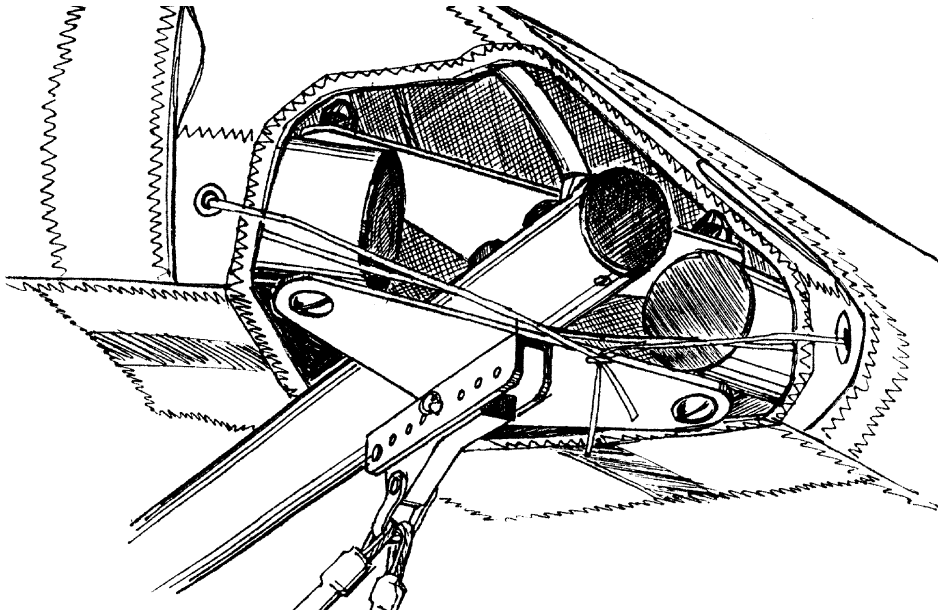


Fig. 28

2.2.11. Fit the nose cone over the front of the keel and attach the velcro at the top rear end of the nose cone (Fig. 29).

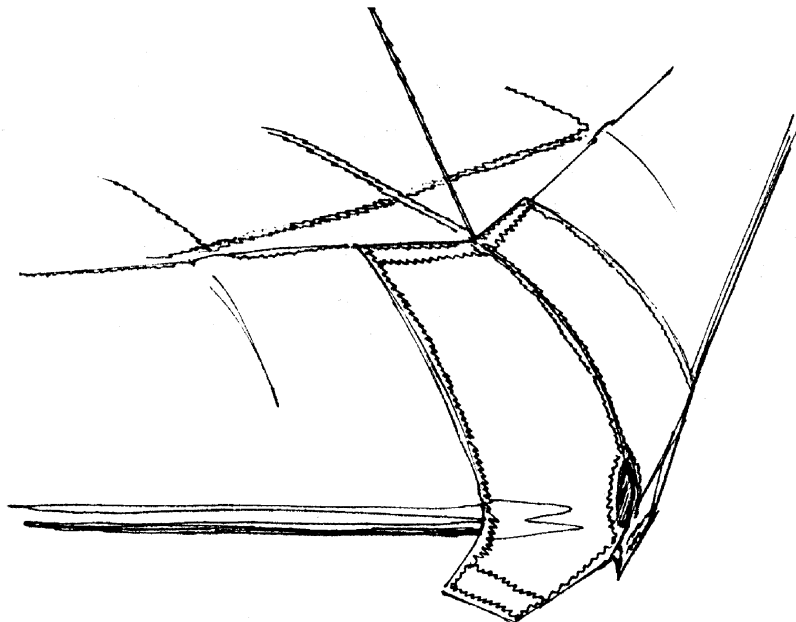


Fig. 29

Rest the glider on its tail and pull the bottom corners of the nose cone back until the nose cone is tight around the nose and secure the velcro on the bottom of the nose cone to the bottom surface (Fig.30).

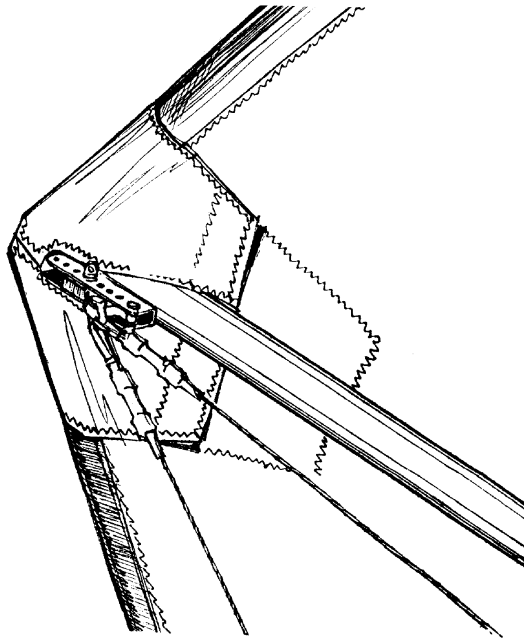


Fig.30

2.2.12. Zip the zippers on the bottom surface near crossbar/leading edge junctions.

2.2.13. Insert washout tips into the corresponding holes in the leading edge tubes N4 (Fig.31).

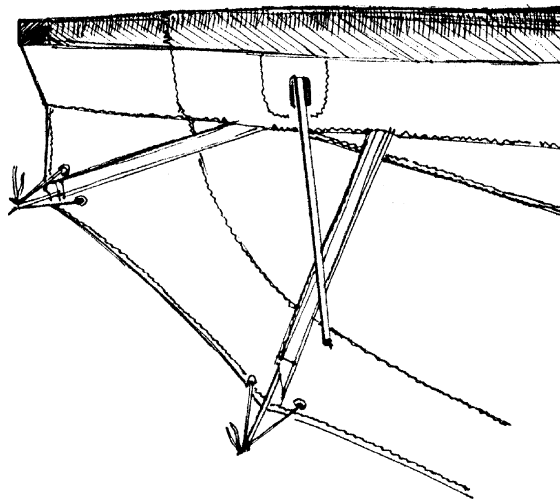


Fig.31

Make a preflight inspection of the glider (section 2.4).

If you don't have enough experience to fly such glider, ask more experience pilot to do this.

2.3. SET UP PROCEDURE FROM THE PACKAGE 4 METRES LONG

2.3.1. Undo the zipper. Remove the velcro straps. Remove the battens in the bags, the speedbar, the nose cone and assembled N3-N4 leading edge tubes (Fig.32).

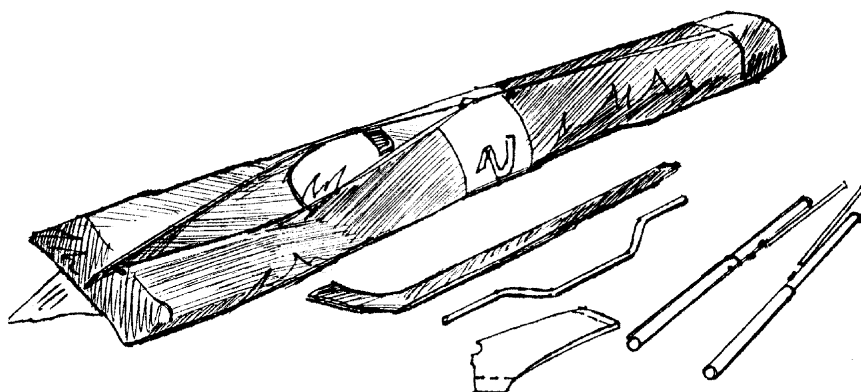


Fig.32

2.3.2. Unfold the free part of the bag. Unfold and spread the sail along the leading edge of the sail. Spread the leading edges slightly. Insert assembled N3-N4 leading edge tubes into the pockets. Attach them to the N2 leading edge tubes according to the marking (marking must be on the top of the tubes). It will be more convenient if you will use holes in the bottom surface near leading edge/crossbar junction. Insert washout tips into the corresponding holes in the sail.

2.3.3. Pull the sail out completely, put the sail mount webbing in the slot in the endcap.

2.3.4. Then follow the points 2.2.2-2.2.13 of Section 2.2.