

Instructions for assembling a new Iltis tarpaulin / canvas roof.

(The assembly on the VW 181 Kübel works the same way, as the front top bow and the window frame with the iltis are identical).

Please note some important tips and tricks:

-Preferably **put the vehicle and the new roof in the sun**, this makes the material more elastic, do not carry out assembly in cold temperatures.

- After assembly, **do not immediately put the roof on full tension on day 1**, let the canvas settle to the shape of the roof, preferably in the sun, and bring the roof to final tension after a few days, if necessary in several steps spread over several days.

- Read this entire manual first, only after you understand theoretically how we mount this roof, start with step 1 in practice.

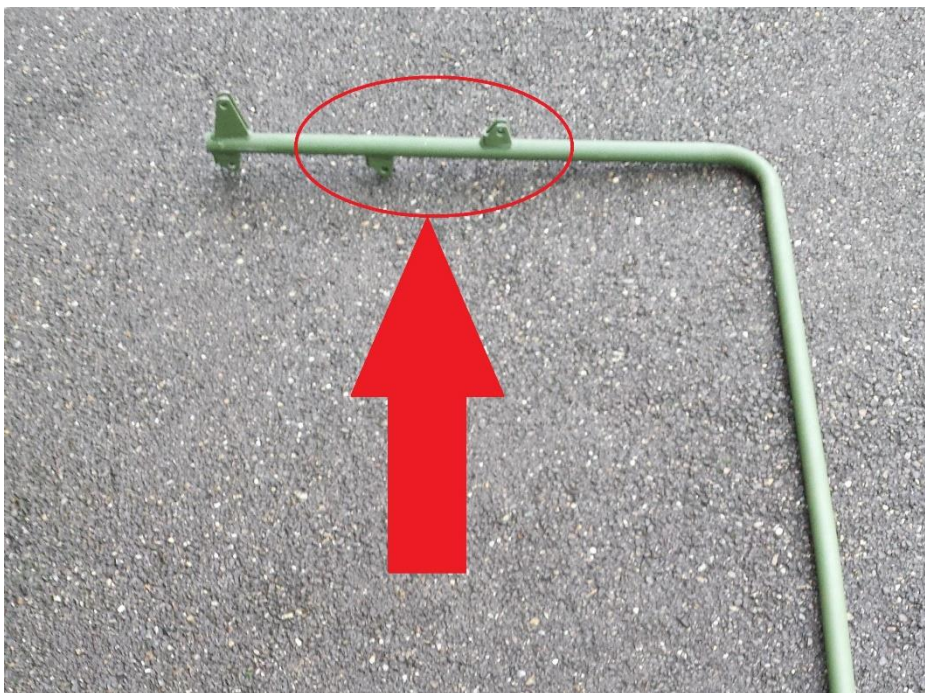
Instructions:

The following instructions for assembling the Iltis tarpaulin is a method that has already proven itself several times. The correct attachment of the tarpaulin is enormous difficult. The instructions assume that the old tarpaulin has already been removed and that the top frame is aligned evenly (straps for tensioning, at the rear)

Please note:

the iltis has a common problem, that the metal bar of the roof always bends in the same position due to weakness and misuse.

Make sure that this tube is perfectly straight as in the photo below, otherwise you will never get the roof properly tensioned!



Attention, there are different types of canvas, some have prepunched holes, it is recommended to first apply the measurement technique below to check whether these holes are also suitable for your car. If necessary, new holes can be punched to the size of your car.

Assembly instructions:

The top is placed over the top frame and the slot eyelets are at the back and closed correctly on the sides.



The rear corner seam above the tailgate should now be roughly on the curve of the rear, upper rod of the convertible top linkage.

Fold the front part of the frame, so you can slide the front canvas between the front bow bar and the window frame.

Fold everything back down in its original position. Do not fully close the roof to the window, but put 2 fingers between the top of the window and the bottom of the front bow bar, this space makes us make the roof just too small, later when we close the roof This ensures that the roof receives a healthy tension and is properly stretched, This will become clear in the last step, take a look there at first.



The tarpaulin is now fixed with clamps at at least 3 points.



It is important to **ensure that the tarpaulin is really in the middle** and that the tarpaulin on top of it **does not sag in the center front**.

Now draw / transfer the lower **edge line** of the front roof bow from the inside onto the tarpaulin.



The windshield can be folded away to make work easier.

make absolutely sure that the tarpaulin is evenly tensioned in the middle.

Now one more mark for the middle on both the tarpaulin and the inner metal bow part.

Then loosen the tarpaulin at the back and fold it forward onto the bonnet. The inside is now on top.

Now the height of the heel (front bow bar) is measured on the inside of the bow and then measured and marked on the tarpaulin. This will be the flap that will later be folded over the metal lip.



On this outer line, the canvas may be cut.



The tarpaulin is now laid with the drawn line along the lower edge of the bow.

Attention: pay close attention to the central positioning (marking).



Now the addition is turned inwards and fixed with clamps.



When piercing the holes, make sure that only the INNER canvas of the canvas is pierced !

Alternatively, the holes can also be marked from the back, and then snapped into the tarpaulin with punch pliers.



The hollow rivets are now hammered in with a hammer held on the back.

Do not tilt the two hammers down too far, otherwise the tarpaulin can be damaged.



After all the hollow rivets have been driven in, the result should look like this on the inside:



Outside:



Then the tarpaulin is put back over the top frame and into the slot eyelets and fastened inside with the velcro fasteners.

Slight wrinkles disappear usually after a few days in the sun, as the material is still shrinking a bit.

The 2 fingers space left between the window frame and the front bow bar at the beginning of the assembly will now allow a slight tension to be required when closing the roof, ensuring a healthy tension on the roof.



Extra sets of rivets are available separately at www.iltishop.be/en with article number: A0467

Good luck!

