

Aerotest Limited

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Simple Repair Procedures

For

Water Vapour Resistant “Aero-bag” (WVR)

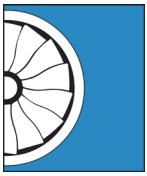
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Repairing the WVR “Aero-bag”

Preambles

Damage to the WVR “Aero-bag” such as small tears or a hole can be repaired using simple stick-on repair patches. Materials and instructions are within the Standard repair Kit.

NOTE:

Prior to any repair procedure being carried out, the WVR “Aero-bag” should be cleaned thoroughly with a grease solvent around the area to be repaired e.g. detergent solution, white spirit or gasoline.

Standard Repair Kit consists of:

A set of information and data sheets.

A sheet of Aluminium Oxide Emery Paper.

Various sizes of repair patches made from ER 680 fabric textile material, which is the same colour and specification as the WVR “Aero-bag”

NOTE:

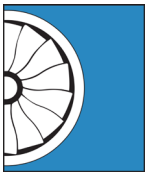
Due to shipping difficulties, Aerotest no longer supplies adhesive for Aero-bag repair procedures. Aerotest recommends the use of Bostik All Purpose Adhesive (or similar), which can be purchased locally.

Limits of WVR “Aero-bag” repair

There is a limit to how big a tear or hole can be repaired within the fabric of the WVR “Aero-bag”

The guidelines are stated below:

1. Punctures not greater than 25mm (1 inch) in diameter.
2. Tears up to 75mm (3 inches) in length in any two directions.



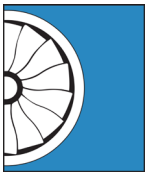
Repair Procedure for WVR “Aero-bag”

Before the repairs are commenced the area around the damaged area should be cleaned as described on Page 2.

NOTE:

Due to shipping difficulties, Aerotest no longer supplies adhesive for Aero-bag repair procedures. Aerotest recommends the use of Bostik All Purpose Adhesive (or similar), which can be purchased locally.

1. Use two suitably sized ER 680 repair patches, large enough to overlap the damage area by 50mm (2 inches) all round. One patch for inside and one for outside of the WVR “Aero-bag”. Cut the patches to fit around existing welded seams on the bag if necessary.
2. Area where the Adhesive is to be applied should be evenly abraded using the Aluminium Oxide Emery Paper on both the damaged bag and the repair patches.
3. Area around the damaged area, inside and out, as well as the repair patches should be cleaned as described on Page 2.
4. Apply an even film of the adhesive to all surfaces (4 off) that will have contact - Ensure finish is smooth. Do not bring surfaces together yet.
5. Allow Adhesive to dry for 5-10 minutes (slightly tacky to touch).
6. Bring surfaces together and apply good pressure on a flat surface. For best bond results, leave to cure for 24-48 hours before moving. Bond is fully cured after 1 week.

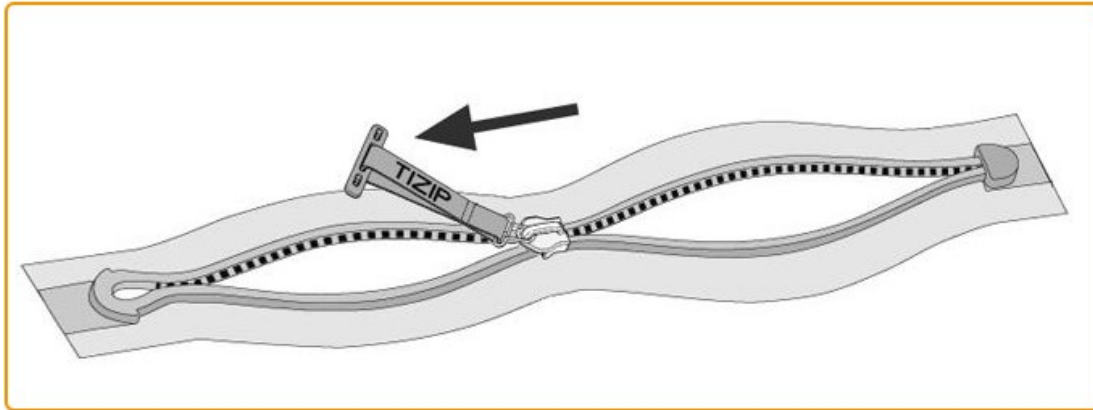


Repair a Broken Zipper

If the cross-tension on the closed zipper chain is too high, the zipper may break up behind the slider. In this case the zipper suffers no damage and there are three easy steps to fix it:

Step 1

Please check, whether the zipper is broken all the way down to the stopper end. If there are any dirt particles in the chain, please remove with soap and water.



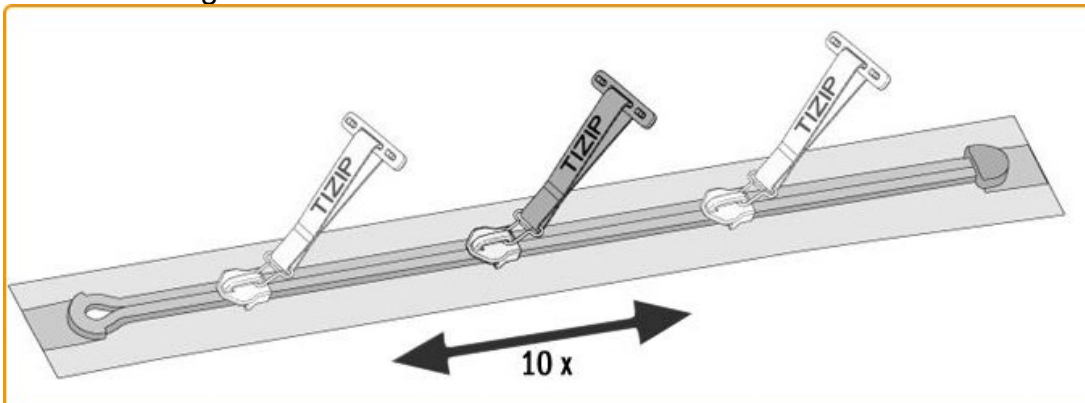
Step 2

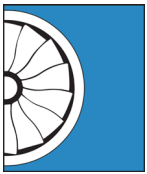
If the chain is broken up right down to the stopper, please close the first inch by hand. When pulling back, the slider must be in a closed part of the chain, then slowly pull back to the stopper.



Step 3

After that please open and close the zipper several times over the complete length of the chain. Eventually add some lubrication to reduce pulling force, the zipper should work again as it used to.



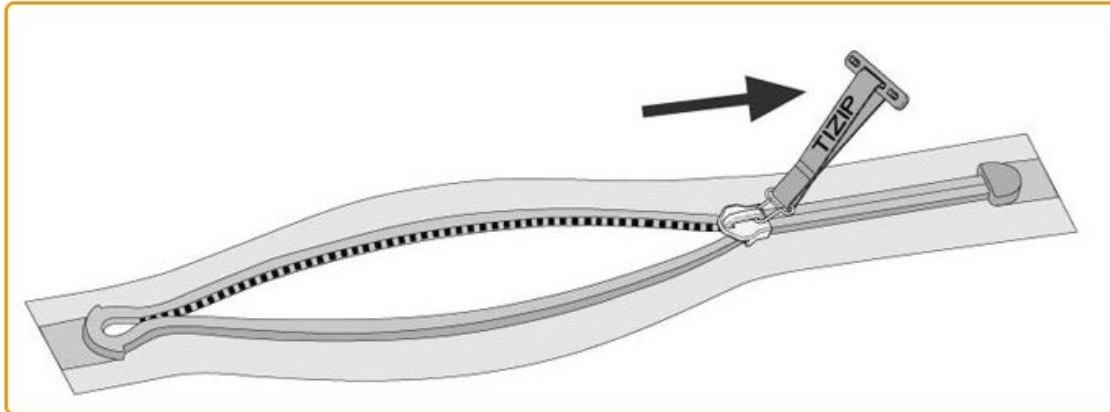


Cleaning and Care

In case of dirt or sand in the chain, the zipper may not have the expected tightness. We recommend cleaning with soap and water. Please thoroughly rinse with clear water afterwards. Especially if you use the zippers to protect technical devices or even as life-protection, the TIZIP zipper should be thoroughly cleaned before use.

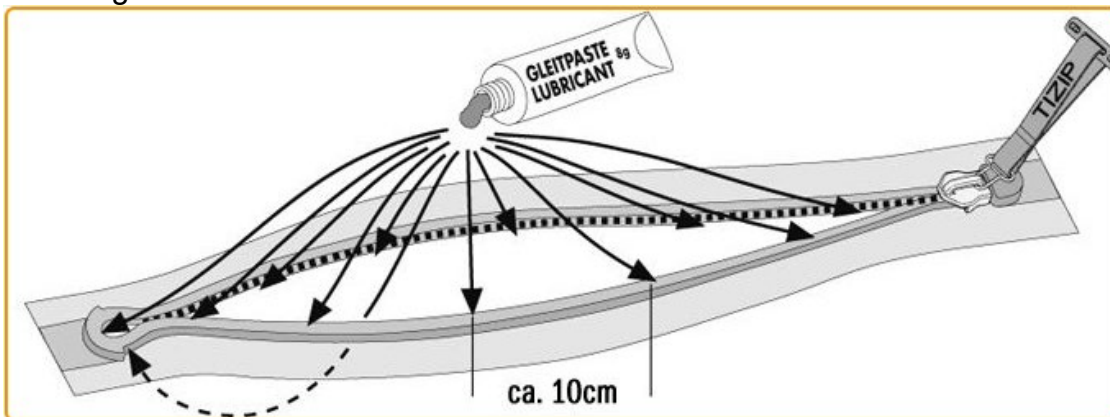
Step 1

Before applying the lubrication, please open the zipper completely.



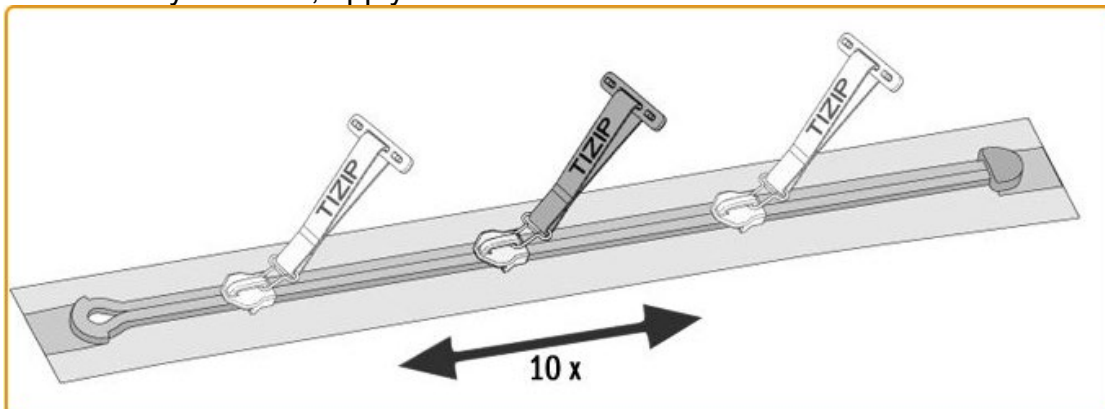
Step 2

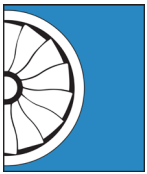
Apply a small amount of the lube about every four inches on the zipper chain, including the dock end.



Step 3

Open and close the zipper over its complete length to spread the lube evenly. If there are dry sections, apply some more.





Step 4

Wipe off excessive lube with a dry cloth.

