

INSTRUCTION GUIDE

PATCH KIT FOR *CG* AIR CUSHIONS

Note: The contents of these kits are used to repair small punctures typically less than 1/8" in size. If the cushion is torn, contact Customer Service for a replacement.

Patch kit contents for customers

1.1. Consumer package

- Three (3) alcohol Prep Pads
- One tube of instant adhesive Loctite 454 (3 g)*
- Three (3) Tear-Aid square patches (Type B - 7/8")



1.2. Institutional/Dealer package

- Fifteen (15) alcohol Prep Pads
- One tube of instant adhesive Loctite 4861 (20 g)*
- Fifteen (15) Tear-Aid square patches (Type B 7/8")



*Loctite Adhesive Safety Datasheet

<https://bit.ly/3jeeoBW>

2 Identifying the leak

Inflate the CG air cushion to its maximum and close the valve. To find the leak area, submerge the cushion in water. Bubbles will emerge from the leak.

It is also possible to find the leak by spraying soapy water on the inflated cushion.

3 Preparing the surface

- Thoroughly dry the area needing repair with a towel or paper towel. Using a permanent marker, locate the area to be repaired.
- Using the alcohol prep pad, carefully clean the area to remove all traces of residue, grease, or the like. Make sure the repair area is completely dry and clean before proceeding.
- Deflate the cushion by opening the valve.

4 Applying the patch

4.1. Cutting the patch for best results

- If the puncture is on the vertical wall of the air cell, the 7/8" square patch will work well on this repair.
- If the puncture is on the top of the air cell, it is recommended to cut the patch in a circle of about 1/2" in diameter using scissors to easily apply the piece without leaving creases.



4.2. Applying the patch as is directly on surface

- If the puncture is on the vertical wall with a fairly smooth surface, the Tear-Aid repair patch is self-adhesive and can be glued directly.
- Remove paper behind the patch.
- Apply the patch on the surface making sure the puncture is in the center of the patch, press firmly and slide your finger/thumb for a smooth, crease-free application.

4.3. Applying the patch using glue

- If the puncture is on a very irregular surface, the patch needs glue to firmly adhere while allowing some movement to position properly.
- Open the tube of instant adhesive. Spread the glue on the surface to evenly cover the repair area.
- Remove paper behind the patch.
- Apply the patch on the surface, adhesive side on glue, making sure the puncture is in the center of the patch. Press firmly while sliding the finger/thumb on the entire patch without stopping as the glue will polymerize quickly in the absence of air. **Warning!** This substance also sticks to the fingers!
- Check that the entire surface of the patch is properly glued. Add glue underneath as needed and apply pressure to ensure proper bond.
- Wait 10 minutes before inflating cushion.

Reference source: **Loctite** Safety Datasheet

https://www.henkel-adhesives.com/ca/en/product/instant-adhesives/loctite_4861.html

