

B.C. Patch Kit Instructions



Precautions & Warnings



- Do not attempt to perform these procedures using patches or adhesive other than those provided in the B.C. Patch Kit, P/N 42611.
- Do not attempt to patch a tear or puncture which is located directly over or within 2 inches of a seam or internal baffle.
- Do not attempt to patch a hole or tear which is larger than 1/2 inch in diameter or length.
- Adhesive should only be applied in a room with plenty of cross ventilation. Carefully read all cautions on the label of the adhesive, and avoid inhaling vapors.

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1. Inspect the material of the B.C. surrounding the hole or tear to ensure that it is perfectly clean and dry. Rinse and dry the B.C. to clean if necessary.
 2. Check to ensure that the patch extends at least twice the diameter or length of the hole or tear on all sides.
 3. Apply a generous coat of Weld-On 1784[®] adhesive to the material of the B.C. surrounding the hole or tear. Allow this preliminary coat to set for at least 24 hours.



CAUTION: It is important to prevent any adhesion between the internal surfaces of the bladder caused by the entrance of adhesive through the hole or tear. Position the bladder as needed to maintain a separation of the bladder at the point of the hole or tear.

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4. After twenty four hours have elapsed, apply a generous second coat of adhesive to the material of the B.C. surrounding the hole or tear, and to the glossy surface only of the patch. Wait exactly twenty minutes.
 5. After twenty minutes have elapsed, apply a third coat of adhesive to the B.C. material, and a second coat to the patch. Wait between 5-10 minutes for this coat to grow tacky, and immediately apply the patch over the hole or tear, using a small roller to press out any pockets of air that may be present between the patch and B.C. material. Position a 5 pound soft weight pouch directly over the patch to apply pressure, and allow exactly 1 hour for the patch to set.



NOTE: DO NOT allow the patch to set for more than 1 hour before performing the next step.

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6. Partially inflate the B.C. no more than $\frac{2}{3}$ full, causing the inner surfaces of the bladder to separate if any adhesion has occurred. Apply a final coat of adhesive over the entire patch area. Allow 24 hours to completely cure, and then fully inflate the B.C. to ensure that leakage is no longer present. If the B.C. does not remain completely full for at least one hour, immerse it in fresh water to determine the source of leakage and repair as needed.