

LEADING EDGE AND STRUT REPAIR INSTRUCTIONS

Caution: Iron will melt bladder if not removed prior to applying heat

Before you begin: Remove the bladder from the strut that has the tear. Refer to the kite manufacturer's instructions before attempting to remove a bladder for the first time.

Required tools: Scissors, conventional household iron, cotton cloth, permanent marker (optional)

Working surface: Work on a heat resistant flat surface. Cover the surface with a cotton t-shirt or towel to distribute the pressure of the iron. Use a heat shield between the kite and the t-shirt to make sure no adhesive gets on it.

1. Clean the damaged area with fresh water to remove sand and salt from the kite fabric. Let the kite fabric dry thoroughly before moving to the next step.
2. You will be applying the repair product on the inside of the strut and not on the outside surface. Using the sandpaper provided, roughen the inside surface around the tear. Be sure to sand an area 1.5 inches (40mm) larger than the length and width of the tear.
3. With the provided alcohol swab, wipe the sanded area clean. Make sure that the surface is dry before moving to the next step. Drying time can take up to 2 minutes.
4. Using a pair of scissors cut the KITEAID Leading Edge repair patch 3" longer than the tear.
5. Round the corners of the repair patch.
6. If you have a permanent marker available, trace a straight line down the center of the patch on the shiny side. This will help you line up the patch with the tear in the next step. You will need to work on a smooth surface that can withstand heat (kitchen cutting board, smooth wood floor, etc...) for steps 7-9. Place a plain cotton t-shirt over this smooth working surface.
7. With the shiny (adhesive) side of the patch facing you, insert the patch into the strut through the tear. Using the marked line in step 6, align the patch with the tear as best you can. The patch should now be inside of the strut with the adhesive facing you.
8. Being careful not to displace the patch, place the heat shield over the tear. Set the Iron temperature to Nylon/Low (150 Degrees Celsius) and let warm.
9. Using your body weight, apply pressure with the iron to the repair patch through the heat shield. If your iron has steam holes, try to use the area of the iron without holes. Keep pressure on the iron for 30 seconds. Do not move the iron around while you are applying pressure. Repeat this step until you have applied pressure to the entire length of the repair patch. If the thickness of the kite changes under the iron, be sure to iron each thickness individually.
10. Let the repair cool for 2 minutes.
11. Insert your bladder according to the manufacture's instructions