

Repairing a Broken Rope

NOTE: This procedure requires a pre-sewn webbing attached to one end of the rope.

Step 1: Use a utility knife to pick out the stitches joining the fabric to the webbing for a distance equal to the webbing splice minus two inches.

NOTE: Avoid cutting the fabric during the process of removing the stitches. *(Fig. 1)*

Step 2: Make a cross-way incision in the webbing, carefully cutting around the beaded portion of the webbing surrounding the rope. The rope end must protrude an inch beyond the severed webbing. Cut the rope accordingly. *(Fig. 2)*



Fig. 1



Fig. 2

Step 3: Locate the splice with pre-sewn rope protruding from one end. *(Fig. 3)*

Step 4: Burn the cover rope-end as well as the splice rope-end. *(Fig. 4)*

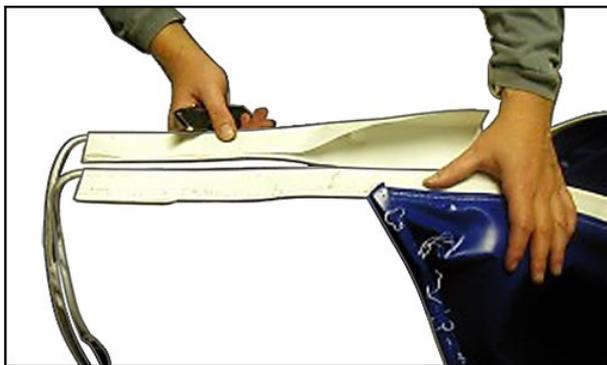


Fig. 3

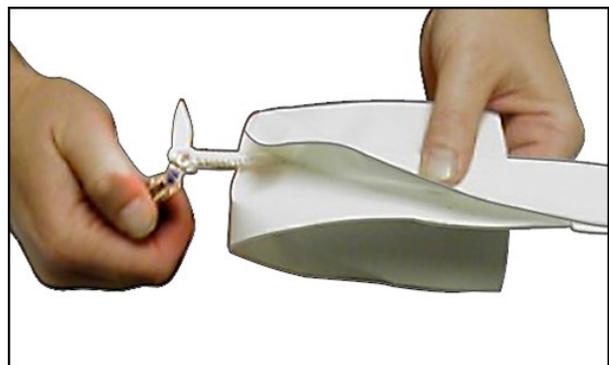


Fig. 4

Step 5: Overlap the cover webbing with the splice webbing until the two rope-ends meet. **(Fig. 5)** If you need to cut the cover webbing back a little more to permit the two rope ends to meet, do so. **IMPORTANT: The splice (new webbing) must overlap the existing cover webbing. If you do the opposite and allow the old webbing to overlap the new webbing, the splice will catch in the track and tear the webbing!**

Step 6: Thread your sewing awl with a couple feet of thread and use the awl to re-sew the bead around the rope as tightly as you can, starting an inch before the splice. Continue stitching until you reach the stitches that were pre-sewn around the rope in the splice. **(Fig.6)**



Fig. 5

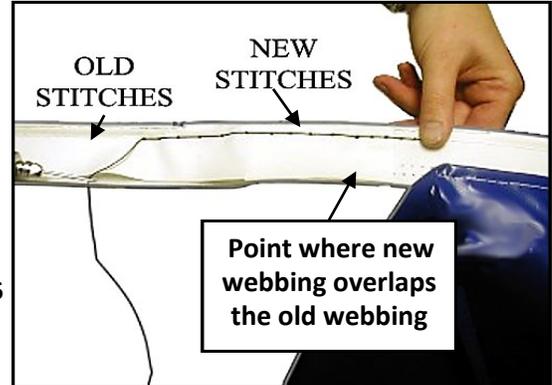


Fig. 6

Step 7: Before cutting your stitches, sew across the webbing for three or four stitches. Cut and tie off the thread. **(Fig. 7 and 8)**

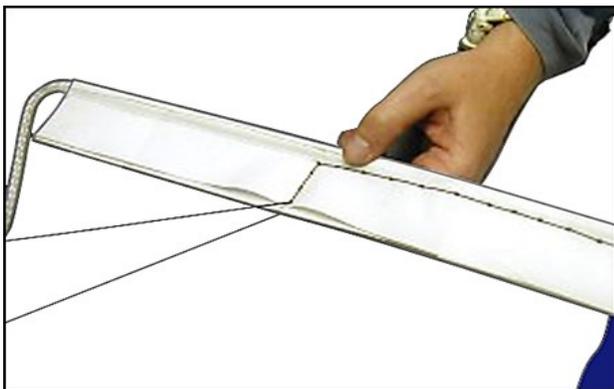


Fig. 7

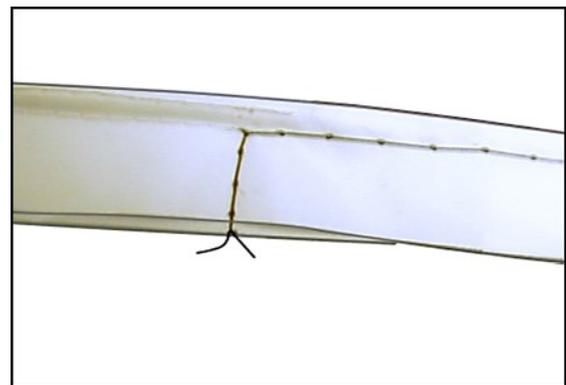


Fig. 8

Step 8: Re-thread your sewing awl with a new length of thread. Re-sew the webbing to the fabric. **(Fig. 9)**
NOTE: When you reach the front of the cover, since that point is a stress point, stitch back and forth for six or seven stitches to reinforce the strength of the webbing-to-fabric bond at the corner. The fabric should now be ready to install. (Fig. 10)

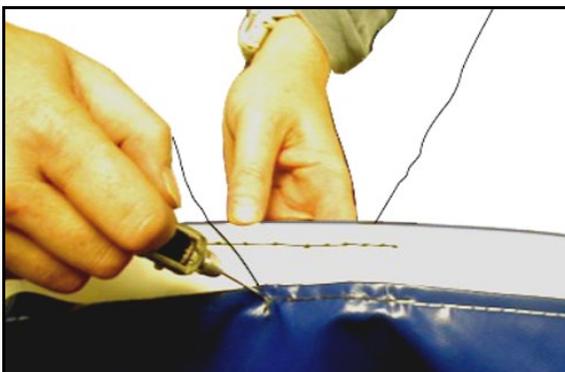


Fig. 9



Fig. 10