Umbrella Stretcher to Rib Joint Repair

How to repair a broken connection between umbrella rib and stretcher, as well as patch a small hole in the canopy.

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**INTRODUCTION**

A really windy day can break an umbrella. In some cases, a joint will break, disconnecting the stretcher from the rib. You will be using a needle and thread in order to replicate the function of the joint that held the stretcher and the rib together. In addition, this guide will also cover how to sew a small rip on the canopy.

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**TOOLS:**

- **Sewing Needle** (1)
- **Upholstery Thread** (1)

*Any thread will do, but the more durable the thread, the better.*
Step 1 — Umbrella Stretcher to Rib Joint Repair

- Take the broken part of the stretcher to rib joint.
- Realign it with the rib assembly.

Step 2

- Take the needle and carefully pass it through one of the holes as seen in the picture.
- Then pull it back to the same side you went through.
Step 3

- Take the needle and pass it under the stretcher (not through the middle).

Step 4

- Position the needle so that it faces the second hole from the same side you just went through in step 3.
- Take the needle and pass it through the second hole.
- Then position the needle so that it faces the first hole from the same side you just went through.
Step 5

- Repeat steps 2-4 until the two pieces are held tightly together.
- Tie a knot to secure it.

ℹ️ Refer to step six if the rib punctured the canopy.
Step 6

**It is easier to sew when the canopy is closed**

- Take the hole, hold each end and pull outward into a line.

  **Make sure that it is in line with the umbrella canopy seam.**

- Take the needle and thread and form a hemming stitch (see Step 7).
Step 7

- Begin with a threaded needle and start the stitch at one end of the hole and pull the needle all the way until just before the thread runs out.

- Then loop back around and go through again.

- Repeat until you reach the other end.

<i>You can form the stitch multiple times to make it more secure.</i>

The umbrella is fixed now, you may now use the umbrella freely.