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.

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.

  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.

ℹ️ You can form the stitch multiple times to make it more secure.

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