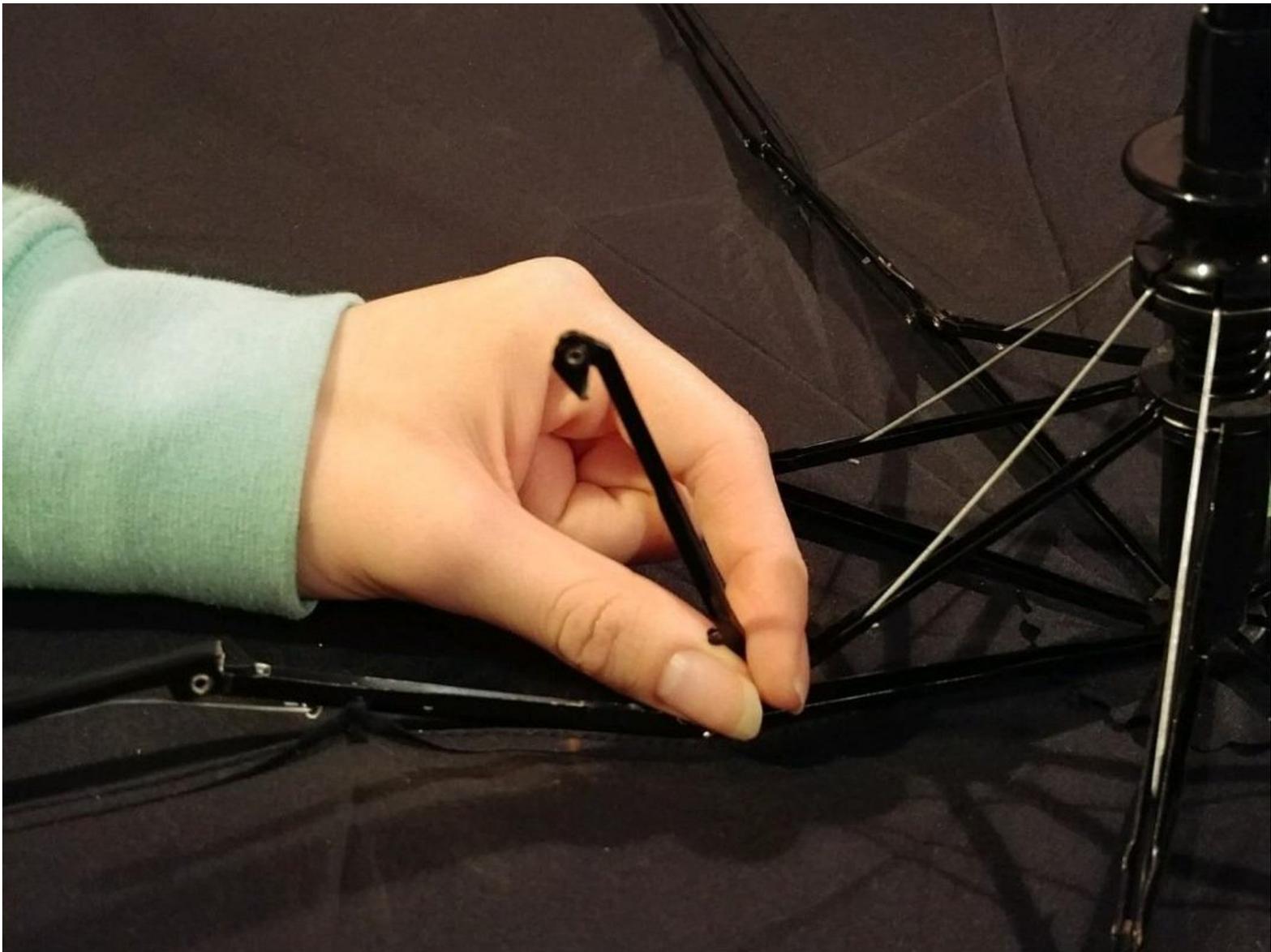




# Umbrella Stretcher to Rib Joint Repair

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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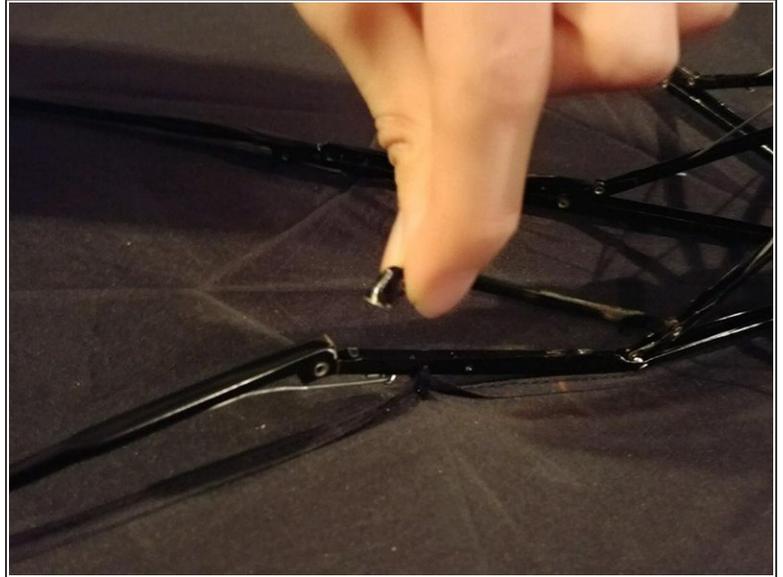
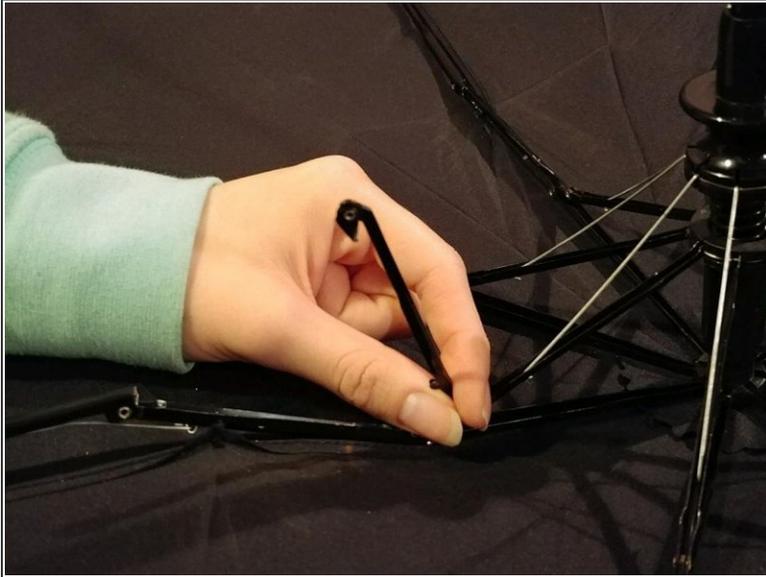
### TOOLS:

- [Sewing Needle](#) (1)
- [Upholstery Thread](#) (1)

*Any thread will do, but the more durable the thread, the better.*

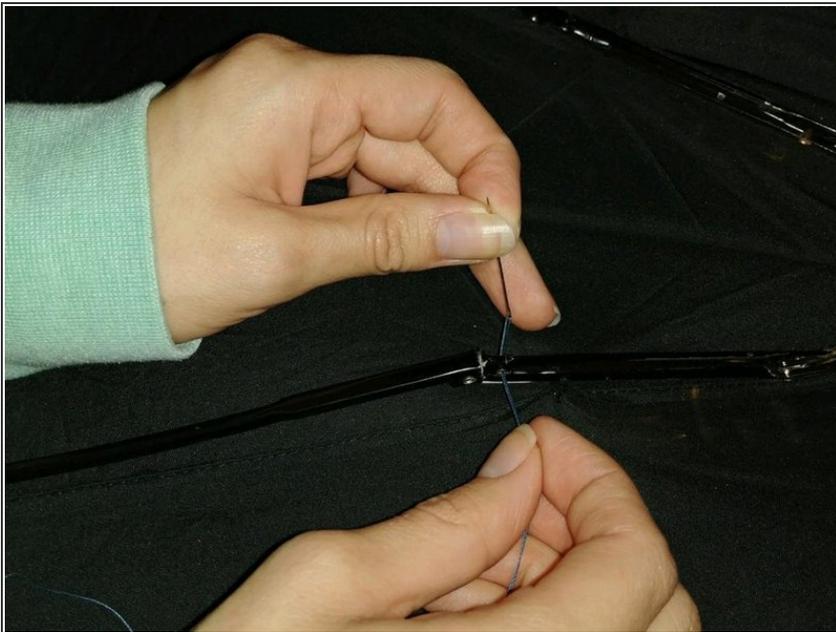
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## Step 1 — Umbrella Stretcher to Rib Joint Repair



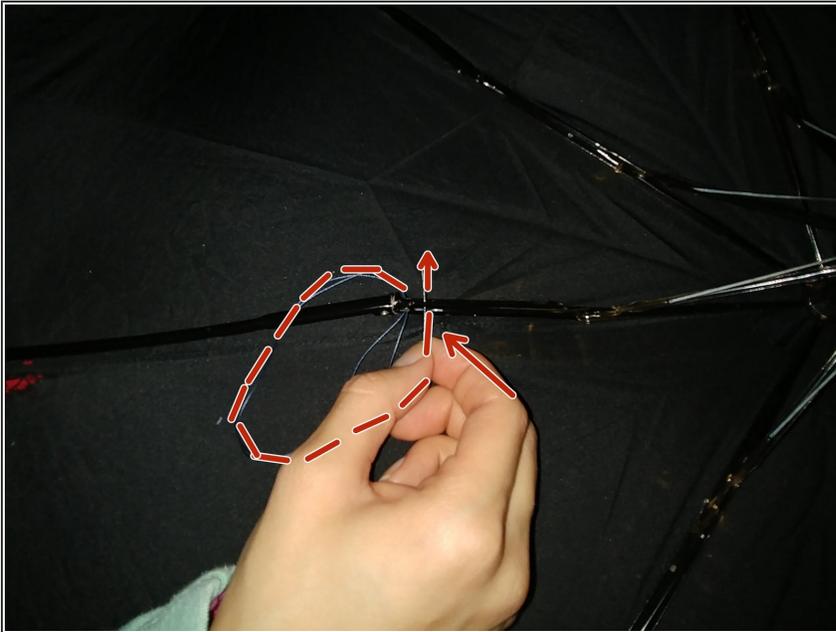
- Take the broken part of the stretcher to rib joint.
- Realign it with the rib assembly.

## 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



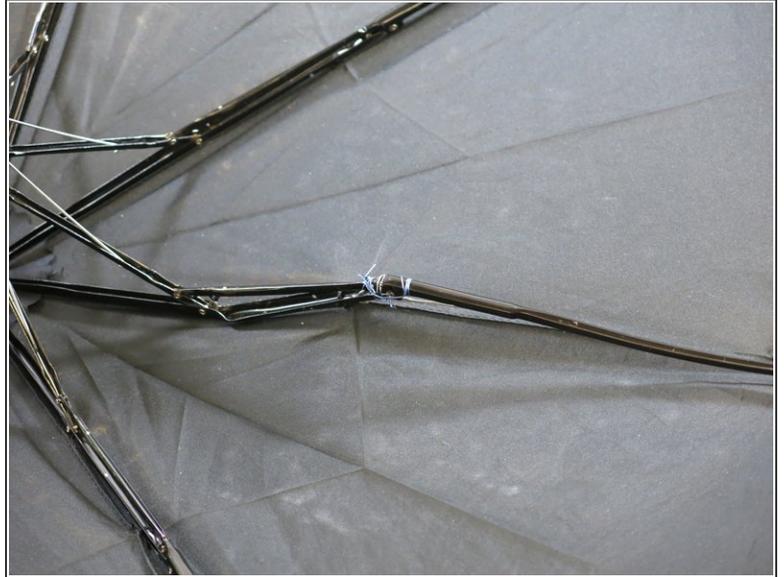
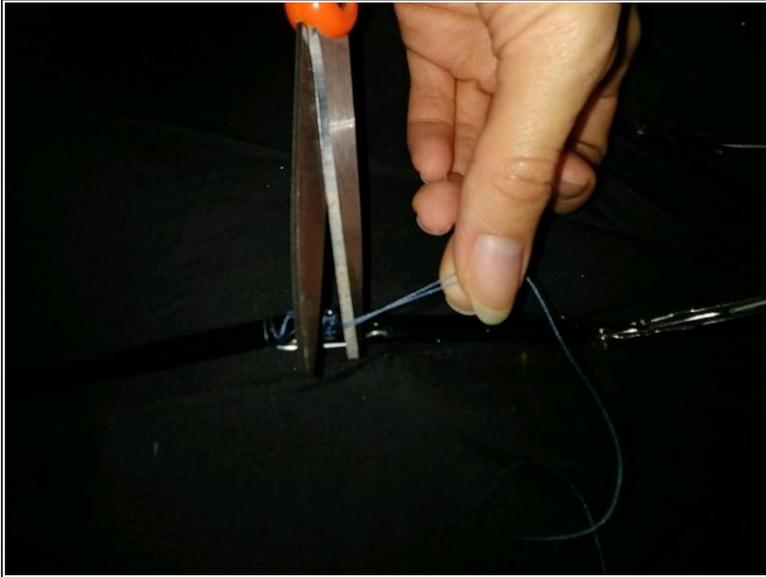
- Take the needle and pass it under the stretcher (not through the middle).

### Step 4



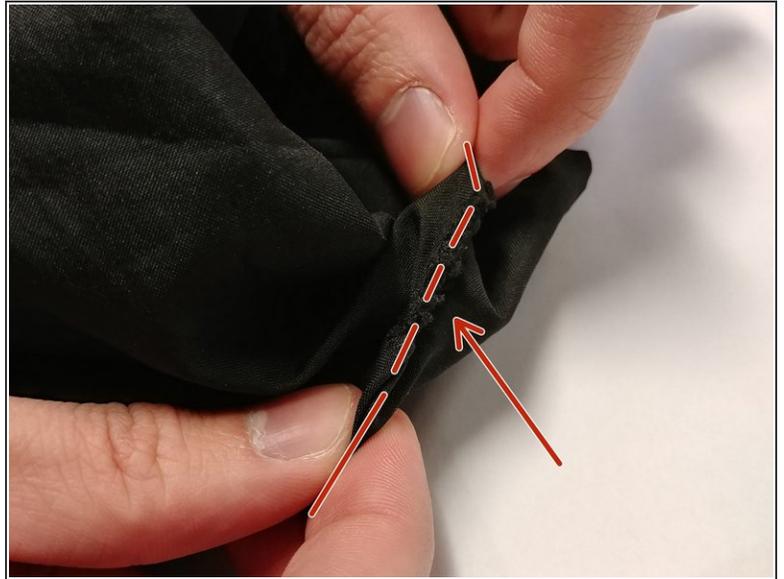
- ⓘ **Position the needle so that it faces the second hole from the same side you just went through in step 3.**
- Take the needle and pass it through the second hole.
- Then position the needle so that it faces the first hole from the same side you just went through.

## 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.**

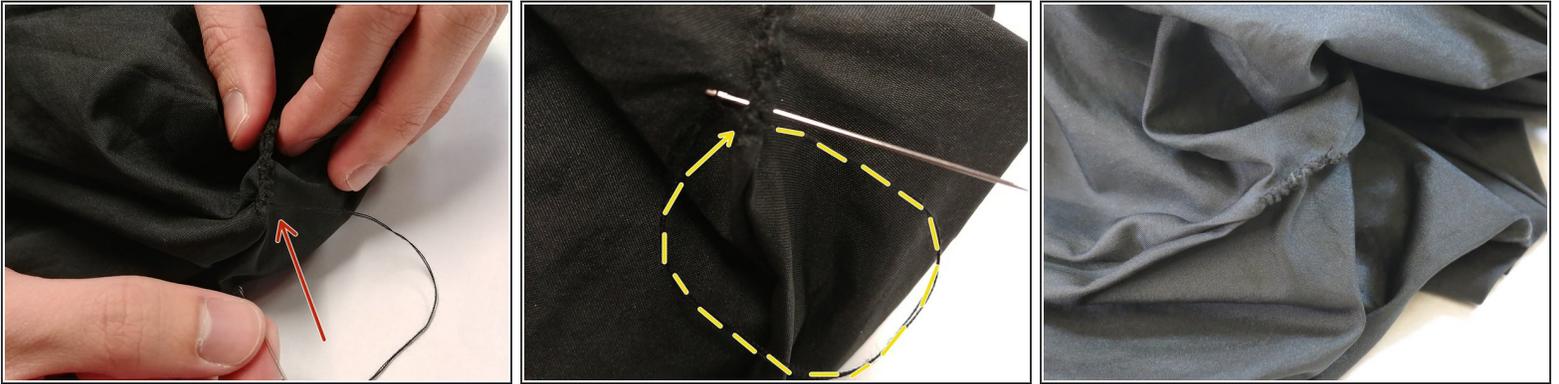
## Step 6



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

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

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