Umbrella Rivet Replacement

How to fix your umbrella by replacing the rivets.

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INTRODUCTION

This guide will show users how to fix the stretcher of an umbrella by using a thin piece of copper wire in place of where the rivet once was.

URL for half-hitch knot:

http://www.animatedknots.com/halfhitch/#...

TOOLS:
- Utility Scissors (1)
- Slip Joint Pliers (1)

PARTS:
- 6" piece of 24 gauge (or smaller) wire (1)
Step 1 — Rivet

- Open the umbrella into its proper position.

Step 2

- Identify the broken stretcher that needs to be repaired.
Step 3

- Close the umbrella halfway to release the tension in the stretchers.

  This makes it easier to line up the holes in the next step.

Step 4

- Take the two pieces of the broken stretcher and line up the rivet holes.
Step 5

- Pass the 6" piece of wire through the rivet holes.

Step 6

- Wrap the wire around the stretcher and thread it through the holes again.
- Repeat until there is no more room to pass the wire through.

May need to use the pliers to get a better grip on the wire so it can be pulled tight.
Step 7

- Tie two half-hitch knots with the wire.

If you do not know how to tie a half-hitch knot, follow the link provided at the beginning of the guide.

Step 8

- Use the scissors to trim the two ends of the wire to about half an inch in length.
Step 9

- Using the pliers, twist the ends of the wire together.

Step 10

- Tuck the wires down and clamp with the pliers so the ends are not poking out.