



Umbrella Rivet Replacement

People sometimes face problems with their umbrellas breaking, and it's usually due to the rivets in the stretcher breaking.

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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 — Umbrella 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.

(i) 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.

i 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.

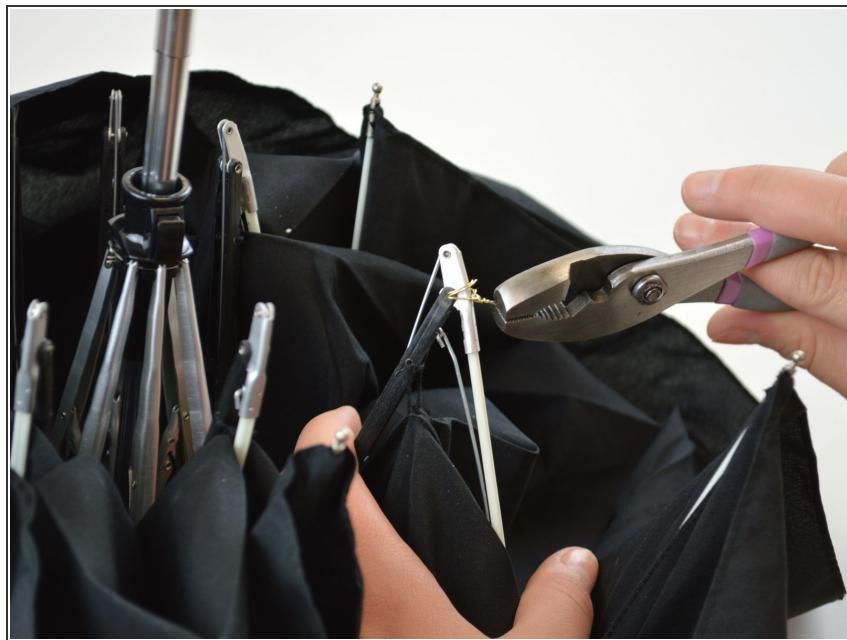
i If you do not know how to tie a half-hitch knot, follow the link provided at the beginning of the guide.

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.