

Replacing the Rope

WARNING: ALWAYS DISCONNECT ANY ELECTRICAL APPLIANCE BEFORE ATTEMPTING ANY REPAIR



1a



1b

Step 1 -

1a: Tools needed are one (1) Phillips screwdriver, one (1) flat screwdriver, two (2) pliers, one (1) 10' heavy gauge wire, and duct tape.

1b: Remove the canopy and lay the umbrella on its side with the crank handle facing upwards.



2a

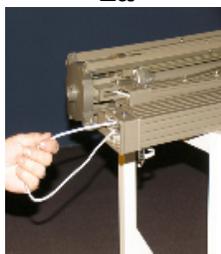


2b

Step 2 -

2a: Remove the rope wrapped around the shaft by inserting the long heavy gauge wire into the bottom of the frame post. Hook onto the rope and pull as you unwind the crank.

2b: Unscrew the two (2) bolts and remove the crank assembly. Wiggle the crank as you remove it.



3a



3b

Step 3 -

3a: Remove the top cap at the top of the frame post. Pull the rope out to locate the broken end.

3b: Connect the broken end to the new rope using a 5-6" piece of duct tape. Do NOT tie a knot.



4a



4b

Step 4 -

4a: Use the old rope to pull the new rope through the system, starting at the bottom of the upper support arm.

4b: Pull the new rope out of the top of the lower support arm.



5a

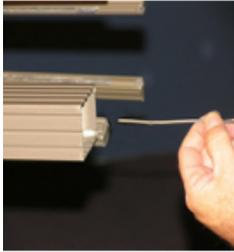


5b

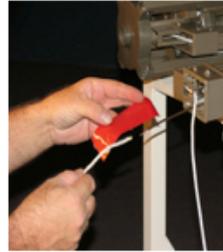
Step 5 -

5a: Remove the globe and holder.

5b: Pull the old rope until the new rope appears. Discard the old rope and tie a knot in the new rope. Reattach the holder, making sure to connect the ground wire.



6a

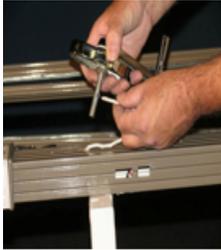


6b

Step 6 -

6a: Insert the 10' heavy gauge wire into the bottom of the frame post until it appears out of the top of the frame post.

6b: Connect the new rope to the wire using a 5-6" piece of duct tape. Use the wire to pull the new rope down to the crank.



7a



7b

Step 7 -

7a: Use a small wire to hook and pull the wire out of the post. Insert the rope into the crank shaft and tie a knot.

7b: Insert the knot into the frame post, then insert the crank shaft into the frame post. Use the two (2) long bolts to reattach the crank assembly.



8a

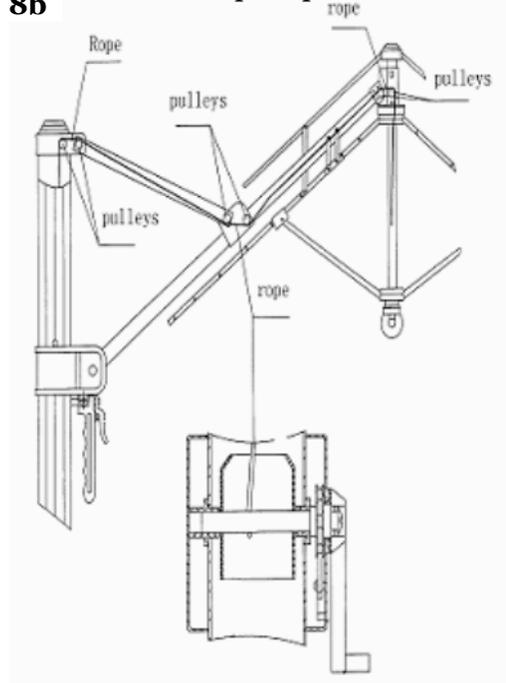


8b

Step 8 -

8a: Grab and pull the rope at the top of the frame post to move the knot tight against the shaft.

8b: Put the top cap back onto the top of the frame post. Rotate the crank counter-clockwise to take in the slack in the rope. Open and close umbrella to test.



For further assistance, contact our office by email or phone (listed below).

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