

Replacing the Crank Assembly

WARNING: ALWAYS DISCONNECT ANY ELECTRICAL APPLIANCE BEFORE ATTEMPTING ANY REPAIR



1a



1b

Step 1 -

1a: Tools needed are one (1) Phillips screwdriver and one (1) flat screwdriver.

1b: Lay the umbrella on its side with the crank handle facing upwards.



2a



2b

Step 2 -

2a: Remove the top cap from the top of the frame post.

2b: Grab and pull the rope to unwind the rope from the crank shaft.



3a



3b

Step 3 -

3a: Remove the two M5*83 bolts, the rear cover, and the axle sleeve.

3b: Grab and pull the crank assembly. Wiggle the crank as you pull, so the knot will be moved away from the shaft. This will allow the shaft to be removed from the frame post.



4a

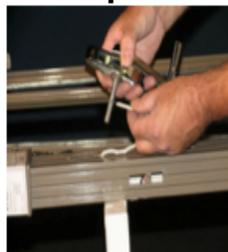


4b

Step 4 -

4a: Check the spring to make sure it's hooked onto the pawl and set into the hole on the front cover.

4b: Make sure the screw behind the plastic decal is tight. Do not over tighten.



5a



5b

Step 5 -

5a: Insert the rope into the new crank shaft and tie a knot.

5b: Insert the knot into the side of the frame post, then insert the crank shaft.



6a



6b

Step 6 -

6a: Push the crank shaft through the frame post and attach the axle sleeve and rear cover.

6b: Insert and tighten the two (2) M5*83 bolts.



7a

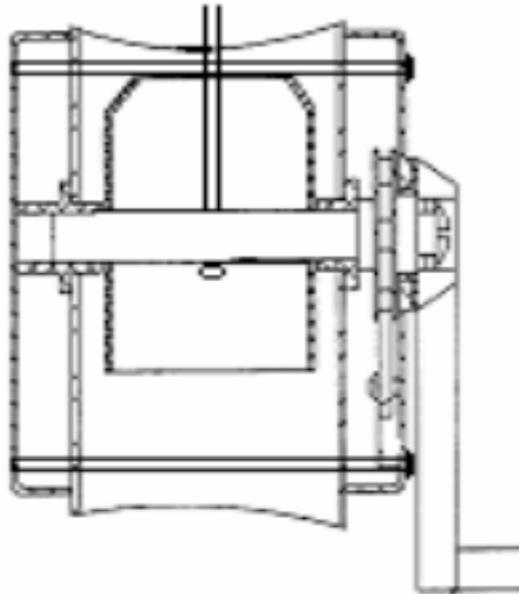


7b

Step 7 -

7a: Grab and pull the rope to move the knot tight against the shaft.

7b: Return the top cap to the top of the frame post. Place the umbrella into its base and test the crank by opening and closing the umbrella.



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

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