Step 1: Close the umbrella and take off the upper frame.

Step 2: There are velcro and zipper on top of canopy. Unzip and remove the canopy.

Step 3: Cut off the damaged cord near the low hub. Take out the connector, remove the cap by screwdriver and pull out the cord end.

Step 4: Remove the plastic cap and screws at sliding pole end.

Step 5: Take out the original crank mechanism and cut off the cord.
Step 6: Use lighter to make the original cord join with new cord by fire.

Pull the cord and make sure the joint won’t be apart easily.

Pull the cord

Step 7: Pull the cord at end near lower hub. Make the cord at the other end straight and it will be easier to go through the pole.

Step 8: Pull the cord until the joint come out, cut off the cord at joint to remove the original cord.

Step 9: Let the new cord go through the lower hub. Make the ribs half open to take out the cord end, go through the stopper then tie a knot and pull into the stopper. Please note the knot is Flemish knot.
Step 10: Fix the connector and screw it.

Step 11: Fix sliding tube end.