

# Instructions for Replacing the Upper Hub

**Warning: Always unplug any electrical appliance before attempting any repair.**

## STEP 1

Unscrew the vent cap. Remove the fabric cover. Place the umbrella on its side over a workbench or table. Tie a rope around the ribs, near the upper hub, to keep the ribs together while replacing the hub.

## STEP 2

Remove all the mounting bolts from the upper hub, in order to separate the two sections of the hub. (Note: the rib pins may fall out when you open the upper hub. Collect and save the pins for new hub.) Remove all the ribs from the upper hub.

## STEP 3

Untie the rope from the ball, located below the lower hub.

## STEP 4

Remove the two screws, holding the bottom section of the upper hub to the center pole, and then slide the bottom and top sections of the upper hub down the center pole until removed.

## STEP 5

Slide the top and bottom sections of the new hub up the center pole to the ribs. Reattach the two screws securing the bottom section to the center pole. Place the rib with pins into the slots on the bottom section of the hub. (Note: make sure the rib pins rest firmly in the slots of the hub.)

## STEP 6

Reattach the top section of the hub to the bottom section. (Note: make sure all the mounting bolts are firmly tightened.)

## STEP 7

Set the umbrella in an upright position. Install the fabric cover and screw on the vent cap.

## STEP 8

Open and close the umbrella to test the ribs.

The repair is complete.

*For further assistance contact our service department @ Wanda Technology.*