

Instructions for Replacing the Upper Hub

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

STEP 1

Remove the fabric from the frame. Place the umbrella on it side over a workbench or table. Tie a rope around the ribs near the upper hub, to help keep the ribs together while replacing the hub.

STEP 2 (for lighted umbrellas only)

Remove the electric box cover. Make a note of the wire layout inside the hub to use when installing the new hub. Disconnect all the RED wires from the outside ring and the WHITE wires from the inside ring. Save the screws and the two electric rings for the replacement hub.

STEP 3

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.) Open and remove the ribs from the upper hub. (NOTE: for lighted umbrellas. Use caution when pulling the wires from the hub.)

STEP 4

Untie the rope at the lower hub. Remove the two screws, holding the bottom section of the upper hub to the center post. Slide the top and bottom section of the upper hub down the center post and remove.

STEP 5

Slide the two 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 ribs 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 (for lighted umbrellas only)

Carefully insert the wires thru the top section of the upper hub.

STEP 7

Reattach the top section of the hub to the bottom section. Use caution when attaching the top section, as to not damage any wires. (Note: make sure all the mounting bolts are tight.)

STEP 8 (for lighted umbrellas only)

Place the two electrical rings onto the hub. Connect all the RED wires to the outside ring and all the WHITE wires to the inside ring. (Note: make sure all the wire connections are on their proper terminal and tightened). Reattach the cover onto the electric box.

STEP 9

Return the umbrella to an upright position. Open and close the umbrella to test the ribs. NOTE: (for lighted umbrellas reconnect the transformer and test the lights.) If satisfied, return the fabric onto the umbrella.

For further assistance contact our Service department @ Wanda Technology