

### **Instructions for replacing a rib in your Galtech electric umbrella:**

Your umbrella uses wires to hold the ends of the ribs to plastic rings called “hubs” attached to the main pole. Fixing a rib requires you to remove all the ribs from both hubs and then put them all back with the new rib(s) in place of the broken one(s).

#### Recommended Tools:

Vice-Grip type locking pliers

wire cutter strong enough to cut 2 strands of 16Ga. (.064”) stainless steel wire at the same time  
knife with a short blade or a wire insulation stripping tool

#2 Phillips screwdriver

small flat screwdriver

#### Procedure:

Remove the cap at the top of the top hub, then using the small screwdriver as a pry bar carefully lift the wiring plugs out of their sockets.

Remove the ribs from the umbrella by untwisting or cutting the heavy wires that hold them on the hubs.

Lay out the ribs beside each other upside down in a neat row. The ribs are laid correctly when you can see the lights on top of each one.

Insert new attachment wires through the holes in the ribs. Make sure the wire close to the silver buttons is on top of the long part of each rib.

Line up the grooves in the hubs with the wires in the ribs and then roll the ribs on as if you were rolling a carpet.

Twist the wires together to finish the job.

Put the wiring plugs back into their sockets inside the top hub and screw the top back on.