



## Jellyfish: Rewiring body

In the event of a problem we may ask you to return the jellyfish insides to us. When you receive them back, before you reassemble the jellyfish, first connect the transformer on the plastic disc to the inline adaptor and the plug in - the neon circle should light. Next put the curly cord inline too - it should still light. After having done this reassemble the jellyfish and plug in (it is not necessary to put the tentacles in yet at this point) - The neon circle should still light. If it does not light and it did light in the two situations before, one may have to replace the cable running through the stem of the jellyfish. Lightly wiggle all connection points with the power off first to ensure that these are good.

If one has to put a new cable running through the stem of the jellyfish, this is the easiest way to do it.

You will need:-

- Radio Shack DC accessory cable(aka 12 Volt quick connect) - supplied by us
- Heat shrink insulation - supplied by us
- Wire strippers
- Wire cutters
- Soldering iron
- Solder
- Heat gun/Hair dryer

After having removed the insides of the jellyfish(see jellyfish troubleshooting) place the jelly body on its side so that one has access to the top and inside( the packaging material or pillows can be used to support and cushion the body)

Cut the old cord and remove(check for any signs of a problem -eg exposed wire/failed insulation)  
Test the new cord before cutting it by putting it inline (like the curly cord)- red to red and black to black.

The new cable has different ends - one with an exposed contact for the black wire (black male/red female) and one with an exposed contact for the red wire (red male/black female).

The red male end should protrude out of the top of the body and the black male end will connect to the transformer inside the body.

Cut the cable leaving approx 2 inches of cable at the red male end. Thread the longer end(black male) through the hole in the side of the stem until one has about 4inches of wire protruding through the top. (one needs to do this carefully so that the wire does not snag the side of the hole and compromise the insulation). Strip about 3/4 inch of insulation off each wire and then slide a piece of heat shrink over the two wires protruding through the top of the body as far as they will go and away from the bare wires. Twist the wires together (red to red and black to black) and check that the heat shrink will easily slide over the connections. Slide the heat shrink away and solder. When the solder has cooled slide the heat shrink over the connection and gently heat with a heat gun or hair dryer unit it contracts and makes a tight seal. Carefully slide the whole cable back down through the stem until the top connector is almost flush with the brass loop. Once again carefully wiggle the cord through holding onto the top and the bottom to avoid snagging. Then carefully reassemble.