

Lantern Wiring Harness Instructions

Items Needed to Build Harness:

100' Roll SPT2 (10AMP) White Wire
Female "In-Line" Quick Plugs
Female Quick Plugs
Male Quick Plugs
Intermediate Base Lamp Sockets
White Electrical Tape
8" Zip Ties
Clear 40W Bulbs

Tools Needed:

Wire Cutters or Scissors (for cutting wire)
Utility Knife (for splicing wire)

This lighting harness is not suitable for use in wet/damp and windy locations and should not be located within 16' or less of any body of water. Do not exceed 1000 watts or 25 sockets at 40 watts each per 100' of wire (including drops). All outdoor lighting must be plugged into a GFCI protected outlet for maximum safety. Do not leave on for extended periods of time without direct supervision.

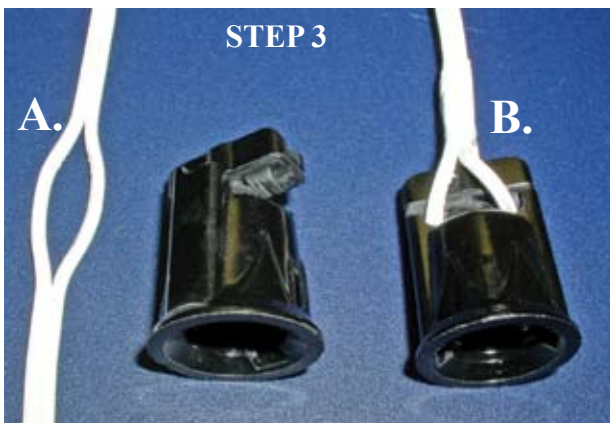
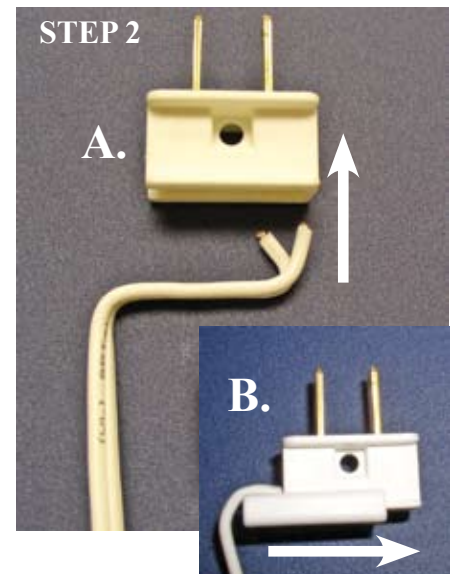
STEP 1 - Cut the Drop Wires to desired length

Determine what length(s) you would like the drop wires that will hang from the main wire to be and add four inches to allow for the male plug and socket. Starting at the end of the roll of wire (the end without a molded on male plug) cut your drops to the desired length(s) using wire cutters or scissors. The wire left over after cutting off all your drop wires will serve as your main power line. A standard female plug may be placed at the end of the remaining main wire to cap it off.

TIP - Create contrast by alternating the length of your drop wires and mark the lengths of your drops on the main line with a marker before cutting to length.

STEP 2 - Attach Male Plug to top of Drop Wire

A. Using a utility knife splice one end of your drop wire a 1/4". When splicing be sure to cut between the two wire channels and to not penetrate the sheath covering the copper. Next, place the spliced end of the wire into the closed end of the male plug then position the wire in the channel above the two copper teeth making sure the copper teeth are in line with the wire.
B. Once your cord is in position, slide the backing for the male plug over the wire until the backing is lined up with the sides of the male plug. Sliding the backing in place causes the copper teeth in the plug to penetrate the wire sheath to create conductivity.

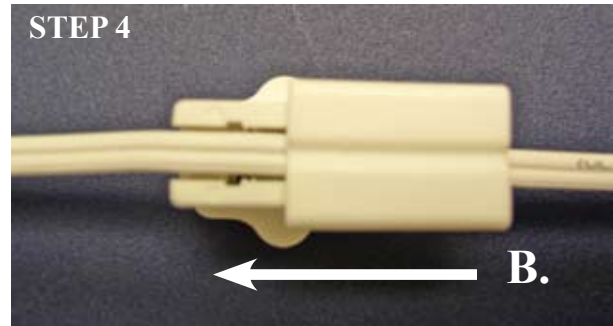
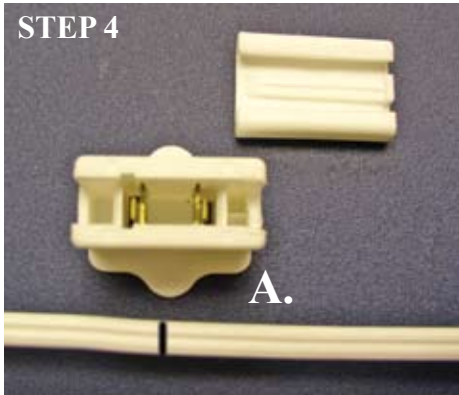


STEP 3 - Attach Intermediate Socket to Drop Wire

A. Add a 1" splice starting 2" up from the bottom of your drop wire. Then slide the top of the intermediate base socket through the splice and position both sides of the spliced wire over the copper teeth of the socket. Once the wire is in place twist the top of the socket to lock the wire into place.
B. Double back the remaining wire using electrical tape to cover up the exposed end and create vertical stability for the socket. Use 40W S11 bulbs.

STEP 4 - Place In line Female Outlet on the Main Wire

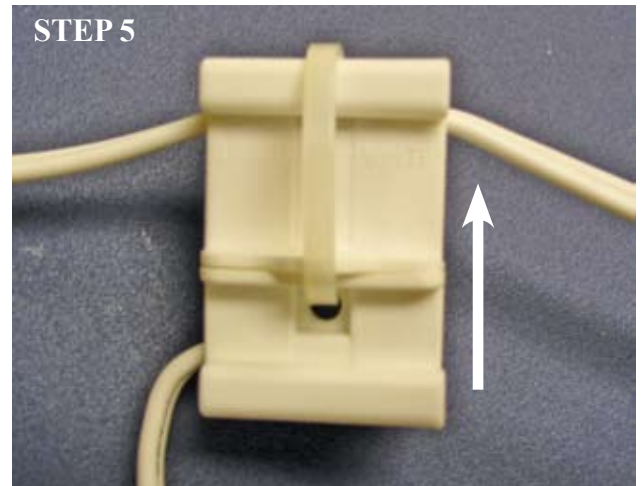
- A. Place marks on the main wire with a pen or marker to indicate where you want to place your drop wire.
- B. Next, place the in line female plug on the mark allowing the main wire to run through both sides of the plug and slide the backing over the wire until it is in line with the sides of the plug.



STEP 5 - Connect Drop Wire to Main Wire

After installing your main wire in the final location, insert the male plugs at the top of the drop wires into the in line outlets located on the main wire.

OPTIONAL: For added stability zip ties can be looped through the hole in the male plug and fastened around the female outlets.



INSTALLATION IS COMPLETE!

IT ISN'T A PARTY WITHOUT...
OOGA LIGHTS
WWW.OOGALIGHTS.COM