

Wiring a Lamp Plug

 lazydaymakeovers.wordpress.com/2013/09/20/wiring-a-lamp-plug

By Mamma (Mary Spies)

September 20, 2013

I found this at the Hope College it was written by Professor John J. Krupezak, Jr.

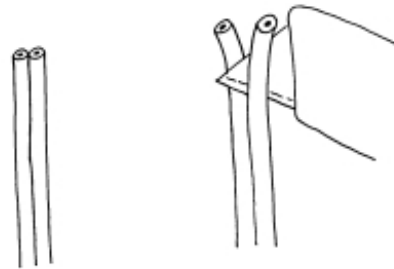
How to Wire A lamp

Locate the plug.

Unscrew the two screws next to the prongs that hold the plug together. Do not lose the screws. Pull the plug apart and set the components aside.

Locate the brown line cord (this type of wire is also called zip cord or lamp cord).

On one end, separate the wire as shown Use a razor knife to start the split. Be careful the knife is sharp. Always cut away from yourself. Use cardboard as a cutting surface. Separate about 2 inches of wire.



Tie the underwriter's knot in the wire as shown

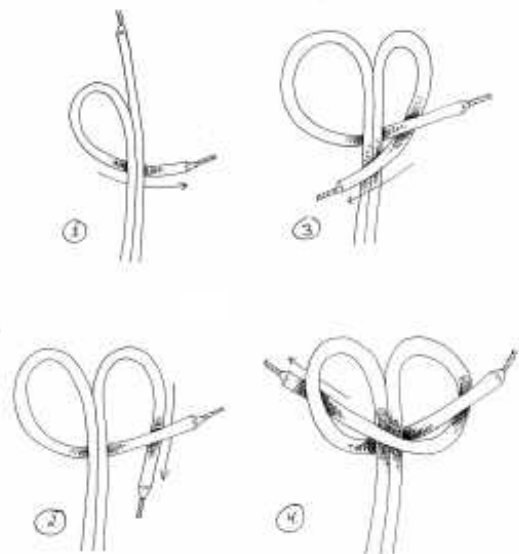
After tying the knot, use the wire cutters to cut the wires so about 1 inch is left after the knot.

Use the red wire strippers to remove 1/2 to 3/4 inch length of insulation from each of the two wires on one end of the cord.

Put the wire through the plug housing as shown

Twist each wire so the wire strands are tightly packed (as in [Figure 3](#)). It is important to twist all of the fine strands into a tightly packed bundle. Loose wires can cause a short circuit.

Using pliers, bend a small loop in the wire . It is preferable to use pliers rather than your fingers. Using pliers it is possible to make a neat loop.



Loosen the screws on the prongs of the plug. Continue turning them out until they stop but do not force them all of the way out.

Put the hook of wire around the screw. Put the wire on so the hook faces in a clockwise direction. In this way tightening the screw also tightens the loop. Tighten screw to secure the wire.

Report this ad

Make sure there are not any loose strands. If there are loose strands, remove wire, twist strands together and reconnect.

Attach the other wire to the other prong as above.

Reassemble plug. To do this, push the prongs into the plug housing (as shown in

The wire should fit neatly into the plug housing. Secure the housing by using the two small screws that you removed earlier.

Figure 6).

Wiring the Lamp Socket

Locate lamp socket. Open socket by pressing and pulling on upper part where it is marked "Press." Identify the parts as shown in Figure 7.

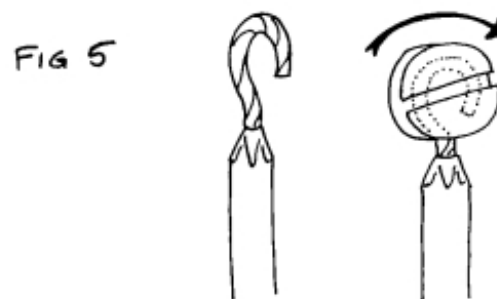
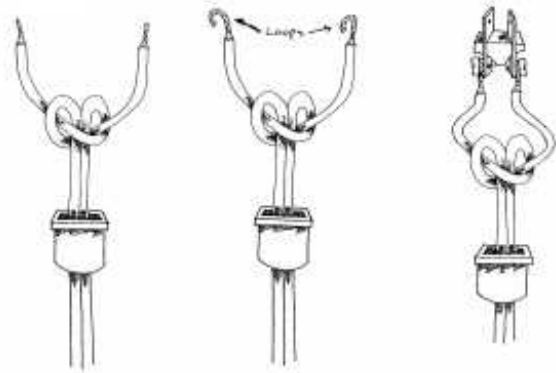
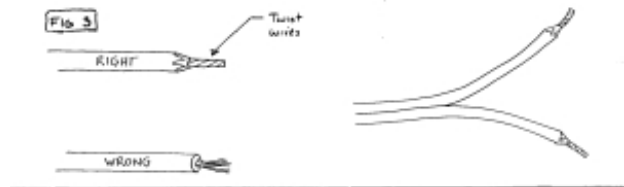
Separate 2 1/2 inches of cord on end and put through center tube and base as shown in Figure 8.

Tie the underwriters knot. This is illustrated in Figure 7. Look closely at Figure 7, make sure the wire goes through the base plate BEFORE you tie the knot.

Strip off the insulation from 1/2 to 3/4 inch from the end of each wire. Twist strands of each wire into a tight bundle. Use the pliers to form a half-loop in each wire.

Loosen the terminal screws on the lamp socket. Do not force the screws all of the way out.

Wrap one wire around each terminal screw in clockwise direction and tighten screws. This is shown in Figure 7.



Make sure there are not any loose strands. If there are loose strands, remove wire, twist strands together and reconnect.

Reassemble lamp socket. The wire should fit neatly into the bottom of the socket.

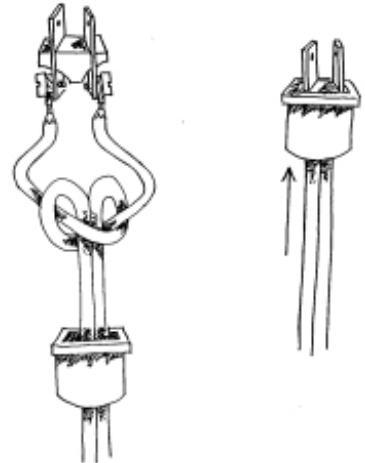


Fig 6

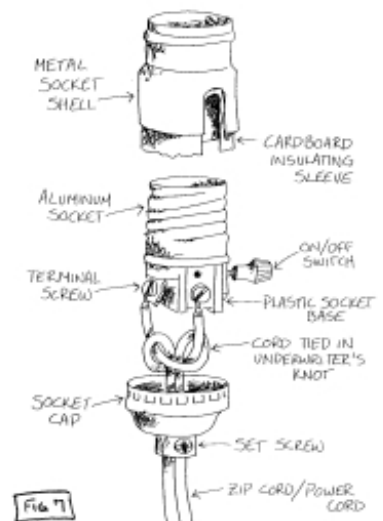


Fig 7