

# BASIC LAMP ASSEMBLY AND WIRING GUIDE

Follow the illustrations below to see the basic parts and assembly steps required to make a typical lamp. **When in doubt seek the help of a qualified professional.**

## CHOOSING THE CORRECT SIZE LAMP SHADE & HARP (Shade Holder)

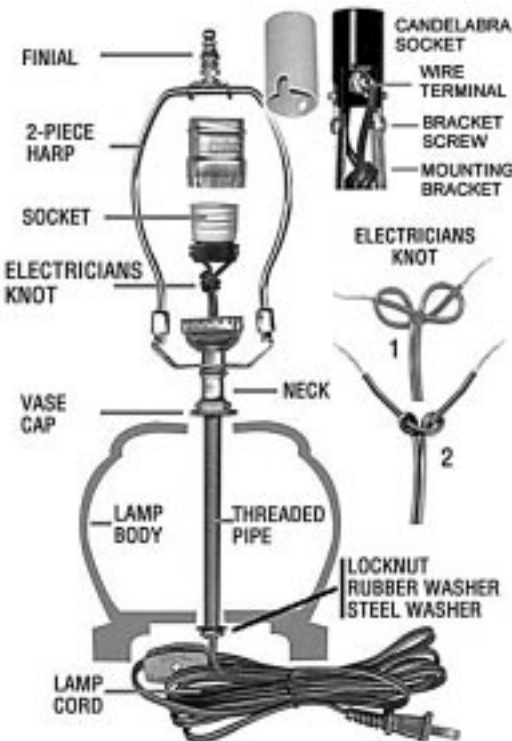
Generally, the height of a lamp shade should be the same or slightly shorter than the height of the lamp body. The circumference of the shade bottom should be approximately 2-1/2 times the circumference of the widest part of the lamp body. The shade should be placed so it covers the socket when viewed at eye level.

NOTE: 2-Piece Harps make it easy to switch to larger or smaller Harps (Shade Holders.)

## SOCKET ASSEMBLY AND LAMP WIRING GENERAL GUIDE

Place rubber washer, steel washer and locknut onto bottom end of threaded pipe. Insert threaded pipe into your lamp base from its bottom and up through top of lamp body. Slip vase cap, neck, shade harp bottom and socket bottom onto threaded pipe and tighten finger-tight.

Run lamp cord up threaded pipe as shown in illustration below. Make an electrician's knot to prevent lamp cord from being accidentally pulled loose (see illustration 1 & 2 below right). If lamp cord insulation is not stripped from end carefully do so, revealing 5/8" to 3/4" of wire. If wire ends are not tinned, twist each section tightly. Loosen wire terminal screws. Wrap the wire with "smooth" insulation clockwise around the brass "hot" wire terminal screw. Tighten screw. Wrap the wire with "ribbed" insulation clockwise around the silver "neutral" wire terminal screw. **(IMPORTANT: NEVER ATTACH WIRES TO THE SCREWS ON ADJUSTABLE MOUNTING BRACKETS AS THIS COULD CAUSE SERIOUS INJURY AND/OR FIRE!!!)** Do not let wires touch any metal surface other than the wire terminal screws!) Tighten screw. Press cardboard insulating cover onto socket to cover the wire terminals completely. Properly installed covers should be about flush with top of socket. If socket also has a metal shell-type socket cover install it, being sure that it is well and evenly seated in socket bottom. (There should be a "click" when it is seated in the proper manner.)



STANDARD  
EDISON  
SOCKET

THREAD SIZE  
COMPARISON



1/4/27  
HARP TOPS  
Measures 1/4" O.D.  
with 27 threads per inch



1/8 IP  
LAMP PIPE & NIPPLES  
Measures 3/8" O.D.  
& 9/32" I.D. with  
with 27 threads per inch.  
Slips into a 7/16" or 3/8"  
diameter hole.

*Note: IP stands for "Iron Pipe" not a measurement. It is the standard size of threaded lamp pipe used in lamp making.*