

How To Make A Boring Bar Light For Hollowing

This explains how to make a light that attaches to your boring bar so you can see the inside of your hollow turning as you work on your lathe. These instructions are for using a 12-volt lamp bulb with a small transformer that has an input of 110 volts AC and an output of 12 volts DC.



The parts needed are:

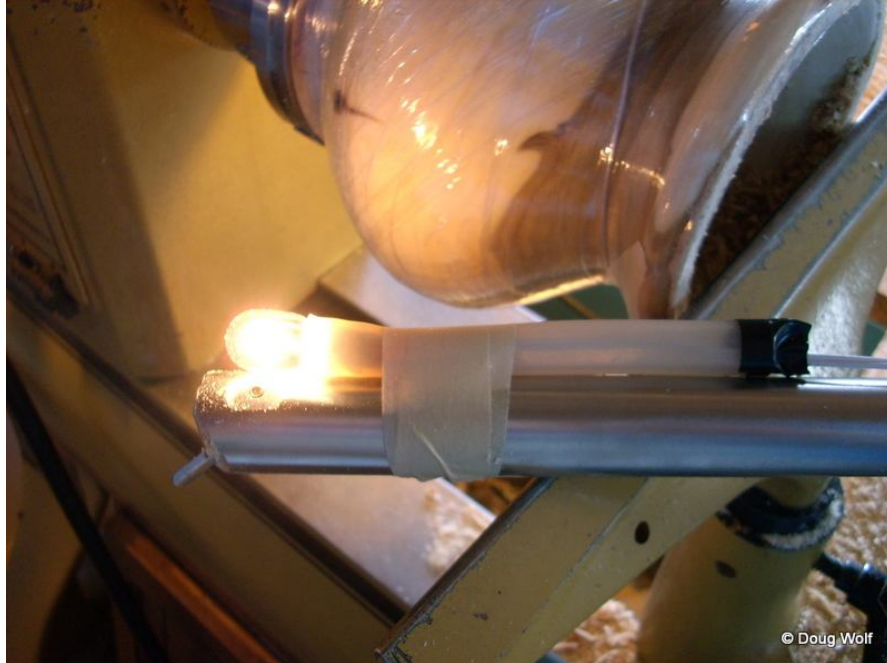
1. A small 12-volt lamp used for taillights, interior, turn signals, etc. This type has a flat base with two wire loops coming out of the base.



2. A small transformer, which can be found at thrift stores or laying around the house. They are used to power or charge several different products from battery chargers, hand powered vacuums, rechargeable lights, cassette tape, radios, etc.



3. Several feet of lamp cord or small gauge wire.
4. Soldering iron to make the connections.
5. A short length of surgical tubing or Tygon tubing of the diameter of the base of the bulb.



6. Optional is a small switch to turn the light on and off, or you can just unplug the transformer.

Making the light:

1. Strip one end of the lamp cord or wire and solder it to the wires on the base of the bulb. Tape up the two wires to insulate from each other and insert the bulb into the tubing. Strip the wire coming out of the transformer and solder the wires to the other end of the lamp cord. (Optional is to solder a switch between the transformer and bulb if desired.)

2. Tape the light to your boring bar and now you can see inside of the turning as you hollow out the form.

