

## **Making a Lightsaber without Power Tools**

### **Jedi Kai-Thri Ona**

If you have knowledge of how to machine metal, you might want to make your own. By many accounts, The Big Yellow Box is the best tutorial site.  
<http://bigyellowbox.tripod.com/>

However, Maggie, of the Padawan's Guide website, inspired me to make my own. She found a way to make one without benefit of power tools. Nearly all the bits are from the plumbing supply aisle of Home Depot! It is simply glued together!  
<http://www.padawansguide.com/lightsabers.shtml>

#### **Parts**

The main body is a chrome plated Flanged Tailpiece, 1.5 x 8 inches. It is made by Watts, EDP# 143274 and part number 707223BA, purchased at Home Depot. Since I am short and have small hands, this smaller piece is better proportioned to me than a longer one. I compared the estimated size (based on the ratio of the covertec clip's button on the saber to the length of the saber, since I can measure the size of the actual button) of the lightsabers in Star Wars Episode I Visual Dictionary and decided that an 8 inch tube, combined with the other pieces, would be the correct length.

Several of the lightsaber instructions I've found on the web start with a similar tailpiece, size 1.5 x 12 inches. One I found is made by Watts, part number 709222BA or EDP # 0143275, tubular brass, chrome plated. So, if you are taller, then this would be the base for your saber.

The end is a Toro 4 inch 570 series pop-up sprinkler head. Find it in the underground sprinkler parts aisle not the little above ground portable things found in gardening supply. At my Home Depot, these were closer to building supplies than gardening.

Over it is a steel locknut, Steel City conduit fittings and access by Thomas & Betts (found in the electrical aisle) LN 104-5

Emitter end piece, black, is a D45 backflow preventer, found in the sprinkler installation aisle.

Emitter is a piece I found misfiled in plumbing. It is a plumbing part but even the plumbing information staff couldn't tell me what it was.

Epoxy was used to fasten all these together and onto the tube.

Assorted 1.5 inch diameter O rings, found in the plumbing aisle.

Knobs are lighting hardware, fixture caps with black rubber washers under them. Using the washers made it easier to glue the fixture caps on. The washers are just flexible enough to bed around the curve of the tube.





Prepared by Kate B  
email jedikai at comcast dot net

<http://home.comcast.net/~jedikai/>