



Creating your own Lightsaber

WELCOME ON THIS SMALL COURSE ON HOW TO MAKE A SIMPLE LIGHTSABER

FIRST OF ALL:

It is not very hard to make a simple good looking saber,
but some precautions are needed.

1. Never leave tools laying around small kids.
2. When working on metal use protective gloves and glasses.
- 3 Always remove electricity from tools you are not working with or when replacing parts.
4. Watch out not to inhale, Epoxy Glue, Paint or dust when you are working.

Open saber en props fanclub

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What do you need?

1. A chrome tube
2. A pipe cutter
3. A PVC Pipe a little thicker than the tube
4. Aluminium plate (very thin)
5. Iron Wire
6. Small Saw
7. Copper PC mainboard Screws
8. Little block of wood or Alu
9. 2 components Epoxy Glue
10. Iron Drill
11. Whatever you can find to customise your saber



Ah Almost forgot

Black double sided tape (Car Shop) and a black plastic or rubber strip about 40 cm



Lets Start Building.....

Building your saber.

First choose the desirable length for your saberhilt.
I mostly use around 26 CM, that makes a fine length.

After you have cut the pipe with the pipe cutter.,

After you have cut the pipe you have to drill a few holes in the pipe.

The middle two are for the connector box.
If you want to use a clamp skip this.
Plans on making a clamp will be in the second manual.

For the small hole on the top leave two CM from the end of the tube.



26 CM PIPE

• = SMALL HOLE (0,3 CM)

Now that you have prepared your tube let's go on to the Topnut or Shroud.

Make shure your PVC Pipe fits exactly around your metal or aluminium pipe.

First Cut of a straight ring of about 4 cm.
Sand this ring well and spray paint it black.
This ring will be needed for the connector box later.

Now cut of a piece of PVC Pipe like shown on the picture. This piece will become your Topnut or Shroud as they call it. (The part where your beam comes out if it where a real working one).

You should sand this one also very well and paint it black. (or any coller you like . Silver, Gold etc. It's your saber)

Now drill a little hole in it (1) and put in a little copper PC Screw (2) to give it a nice look.

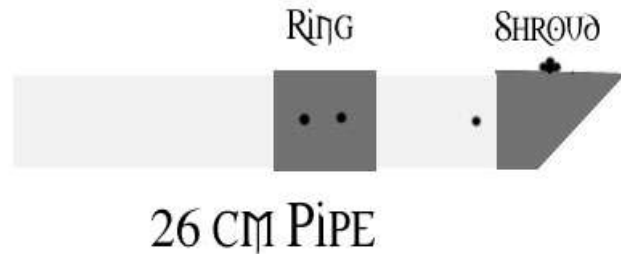


Looks like your well on your way.

Lets proceed.

Now make in your 4 CM PVC ring exactly the same holes you made on your pipe.

Then put the ring exactly as shown on the pipe, do the same with the shroud.



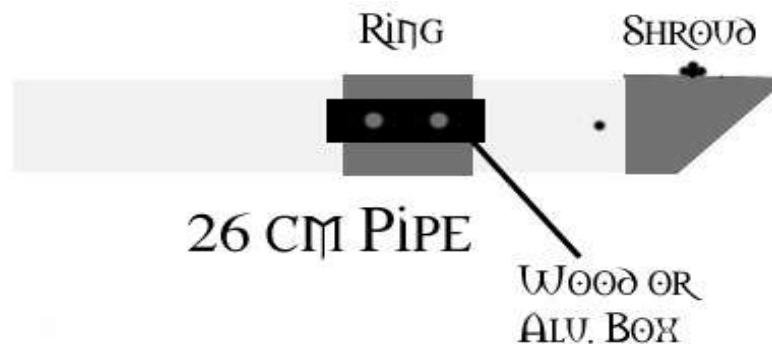
HMMM THAT LOOK FAMILIAR

Now saw of a little block of wood or aluminium of 4cm by 0,8cm by 0,8cm. This will be used as connector block. Don't forget to paint it black.

When the paint is dry screw it on the ring holes you made.

If it has problems holding you can fill the pipe with a smaller wooden pipe to screw everything in.

It now should look like this:

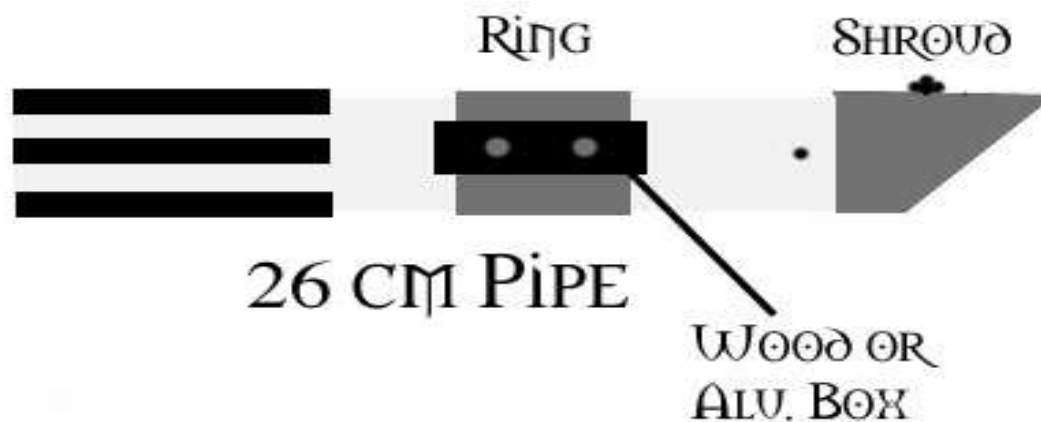


Lets finish this up.....

Now cut down 6 strips of black plastic or rubber or windshield whipers in strips of 6 by 1 cm and use the black double sided tape to attach them to the back of your saber. (like shown on the picture)

If you use 6 grips you should have them 30 degrees from each other.

Circle $360 \text{ degrees} / 6 = 30 \text{ degrees}$.



YOU CAN ALMOST HEAR VADER BREATHE.

Put a nice copper headed screw on the side hole, just to make it more interesting.

For the back side just draw a circle around the tube out of an aluminium plate and cut it out with a scissor.

Now there are two options.

1. If your saber is hollow just glue the bottom with 2 components epoxy glue.
2. If your saber has a wooden core you can make a d-ring assembly for wearing the saber on your belt.

The D-Ring assembly.

This is easily made all you need is.

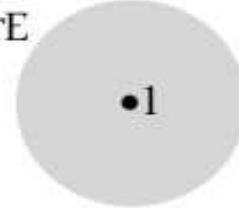
- Aluminium Plate
- Iron Wire
- Scissors
- Drill
- And a wood screw.

First just drill a hole in the middle of the round aluminium plate you've made.

Now cut a new strip of aluminium, same as on the picture. Bend the wire as on the picture.

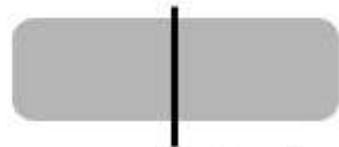
When both are finished bent the plate around the wire, and drill a hole in the round side.

ALUMINIUM ROUND
PLATE



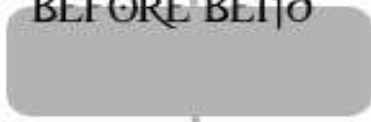
1=DRILLED HOLE

PLATE FOR D-RING

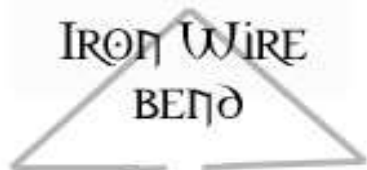


BEND LINE

ALUMINIUM PLATE
BEFORE BEND



IRON WIRE
BEND

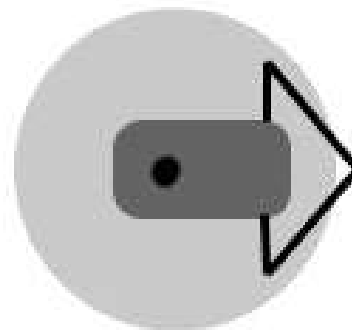


ALUMINIUM PLATE
AFTER BEND WITH
WIRE D-RING



AND HOLE

END ASSEMBLY BACK



SCREW IN THE MIDDLE

The Finishing Touch.....

For the front just simply glue in a little plastic round painted black or silver with Epoxy Glue. Or put in a nice screw after you've done that.

The most important part is that you let your imagination work. Look between old computer or radio parts perhaps you'll find something nice.

Or use a EL Blade, or just a colored stick.

This is just a simple start on which you can expand your saber any way you want it.

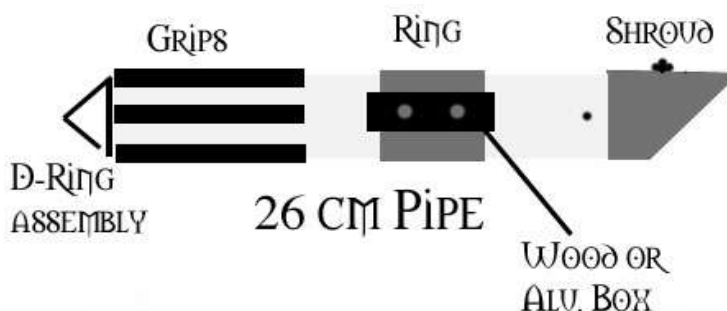
Hey, the base is here now isn't it?

Soon we will make som thoughter models.

Any questions just go to our site.

[Http://www.jedicouncil.net](http://www.jedicouncil.net)

Our online Props and Saber Club.
Membership is free for all
Just join on the site and have fun



WASN'T THAT EASY?

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By Bastien 2003