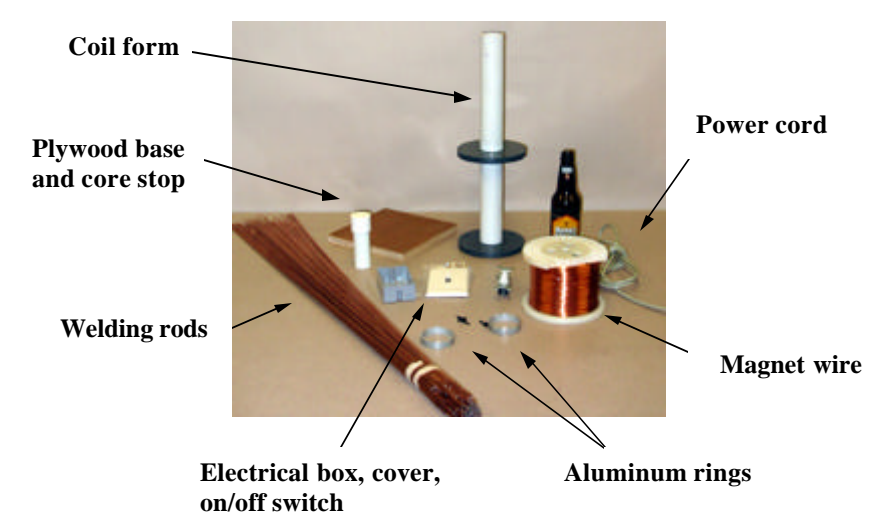
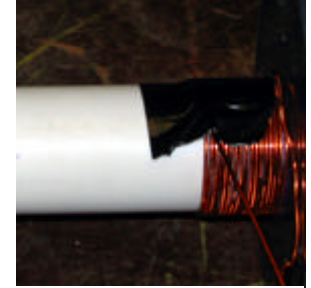


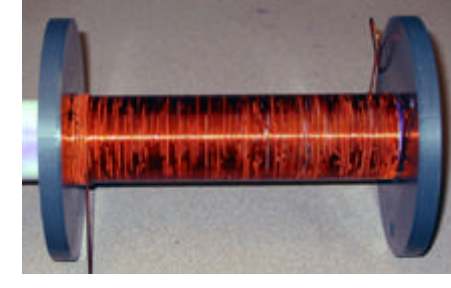
Building the Jumping Ring Apparatus



1a) Begin winding the coil by first passing the end of the wire through a mounting hole. Here, the first 3 turns are shown. Notice how tightly the coil is wound.



1b) If you need a break, secure your hard work with duct tape first!



1c) The first layer is complete and the 2nd layer is started. Only 3 more layers to go (4 layers total)!!



1d) All 4 layers are complete and a layer of clear packing tape is applied to the coils. The core stop is inserted into the bottom of the coil.



2) With the end of a welding rod against the jig stop, cut the rod flush with the end of the board. You need to cut a box and a half to fill the tube.

3) The rods are all cut and stuffed into the tube. All electrical connections are made inside the box. All that's left to do now is plug it in and try it out. Don't aim at any light fixture above please!

Hope y'all had fun today.



Special thanks to Allen, Charlie, Graham, Phil, Carl, and Lou for all their efforts. Without them, this workshop just would not have been possible!