Description:
The secondary coil along with the primary coil, need to sit on top of a platform, while various other parts such as the primary circuit, and control circuit need to be housed in order to be protected from stray discharges from the secondary coil.

This box will be made out of wood and plexiglass.

We will meet on 9/12/2012 in order to discuss the best way to build the base and purchase parts. Joe will lead this part of the project.

History
09/18/2012 05:50 pm - Roger Baudier
- % Done changed from 0 to 50

9/12/2012 Joseph, Roger, Mike and Jonathan met and finalized the design for the Tesla coil base. We went to Lowes’ and purchased the wooden bottom, wooden supports, plexiglas, PVC attachment for the secondary coil, and screws and nuts.

9/14/2012 Joe and Roger met at Joe’s house. We cut the wood to the correct size (base 18 in. X 18 in. and supports 12 in. tall). The wood was then sanded down for a smooth finish. Finally finished the night priming the wood.

9/16/2012 Joe and Roger put the first coat of purple paint on. We could not put the yellow paint on because we lacked proper brushes.

9/17/2012 Joe and Roger put the first coat of yellow paint on the base and the second coat of purple paint. We completed painting the base.

09/25/2012 10:53 am - Roger Baudier
- Due date changed from 09/18/2012 to 09/25/2012
- Start changed from 09/11/2012 to 09/19/2012
- % Done changed from 50 to 80

9/20/2012 Joe, Roger, and Jonathan went to Lowe’s and Michael’s to purchase screws and letters needed for the box. We put the last coat of yellow paint on the base and touched up the purple where needed. We also put the last coat of purple paint on the wooden legs. Joe drilled the holes for the plexiglass used for the sides of the box.

9/23/2012 Joe, Mike and Roger met. We put the GEAUX TIGERS lettering on the legs. Drilled and screwed the plexiglass used for the sides of the box to the wooden legs. Drilled all of the holes (8) needed for the top plexiglass piece (holes needed to attach to wooden legs and toilet flange). Screwed the toilet flange (which is used to hold the secondary coil) to the top plexiglass piece. Attached the top plexiglass piece to the four wooden legs. The box is now basically complete.

10/24/2012 09:34 am - Roger Baudier
- Due date changed from 09/25/2012 to 10/23/2012
- Start changed from 09/19/2012 to 10/16/2012
- % Done changed from 80 to 100

10/22/2012 Joe and Roger purchased the rest of the letters to finish the “GEAUX TIGERS” words for the supports and caulk. The missing letters were put on, the open side of the box was closed using the last piece of fiberglass, and the edges were caulked in order to seal the gaps between the fiberglass. Felt was put on the bottom of the 4 wooden supports in order to keep from scratching the paint off of the wooden bottom, and felt was also put on the bottom of the box in order to protect whatever table the box is placed on.

10/24/2012 10:02 am - Roger Baudier
- File PA220004.JPG added
Caulking of the box is shown in this picture.