

PROJECT #1 PROPOSAL

**Name(s): Kevin Martin-Savoie**

**Technology: Pulse motor**

**Part A: Project Ideas & Objectives**

**This idea came from my dad, who worked on one for 6 months during his free time. It requires electricity to make more electricity. It barely uses a battery and it efficiently – very efficiently uses power to make power. If you have any questions ask me, although I may not be able to answer some as I am still exploring this technology.**

**I wish to create one, it may not be new technology but it’s cool and I haven’t really seen it used much.**

**Part B: Electronic Resources**

<https://www.youtube.com/watch?v=ttY7yLXZSpo&t=47s>

<https://www.youtube.com/watch?v=RGiQqu2D-BI>

<http://www.instructables.com/id/Simple-Pulse-Motor/?ALLSTEPS>

<http://johnbedini.net/john34/bedinibearden.html>

**Part C: Materials, Design**

**Copper coil(s)**

**Something to hold it together (like wood blocks and electrical tape)**

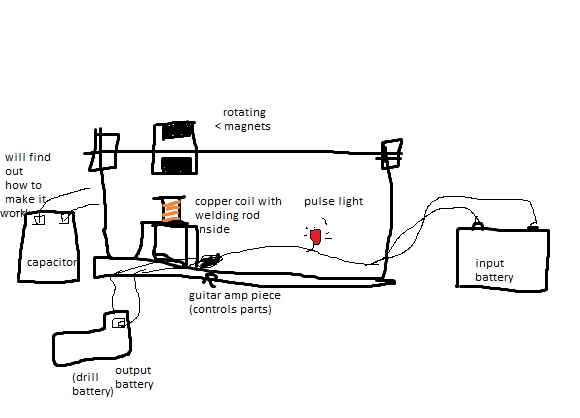
**scrap electronic components (from microwaves, Guitar amps, etc (Just old stuff))**

**5v Battery to 12v**

**A couple of magnets (about 4)**

**Welding rod (or non-magnetizing rod)**

**Good bearing rod (can come from vcr) (for spinning the magnets)**

**Pulse light (for checking how many pulses or using excess electricity)**

**More copper coils could be added to create more electricity**

**Other stuff I thought of making**

**Solar phone charger (with battery if no sun)**

**door you can lock/unlock with your phone**

**survival kit or something (minimal amount of calorie intake/some kind of hydration counter.)**