The Motor
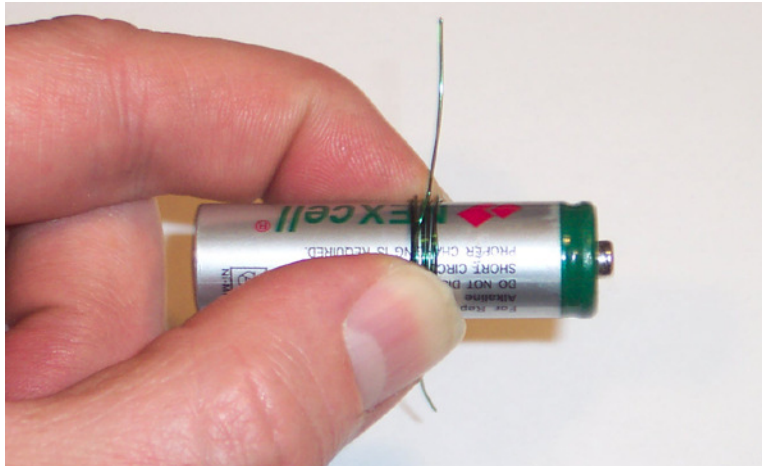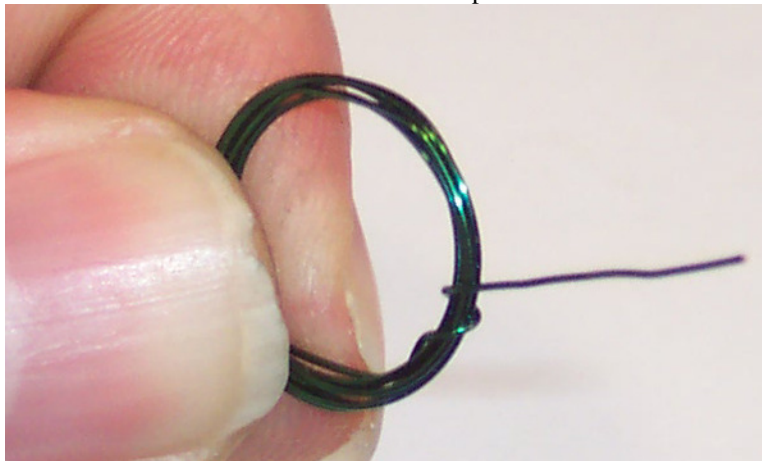
Building a simple motor….

Start by VERY carefully winding some magnet wire around a AA battery as shown. Leave about an inch of wire at the beginning and the end of the coil.

Next wrap one of the loose ends around the main coil to hold it in place as shown.
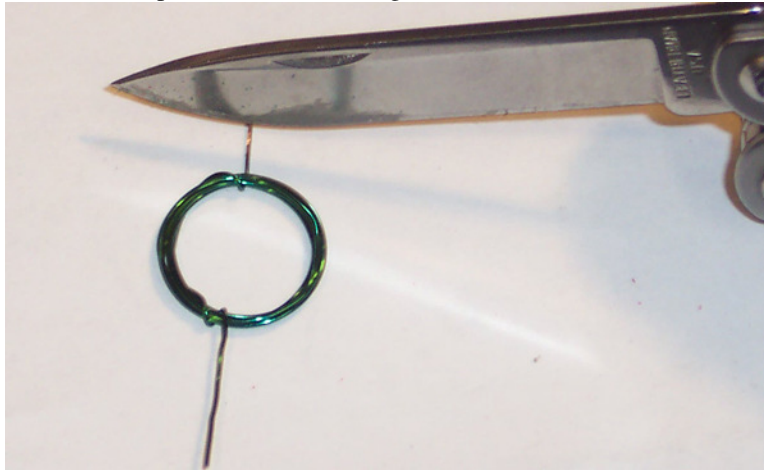

Repeat this wrap for both sides as shown. Do your very best to make sure the coil is balanced. An unbalanced coil may not spin!

This is VERY VERY Very Important!!!!!

Using a knife, scissors, or cutter scrape off ALL the coating from **ONE** side of the coil.

From the **OTHER SIDE**….. Scrape off the insulation from only **ONE SIDE!!!!**

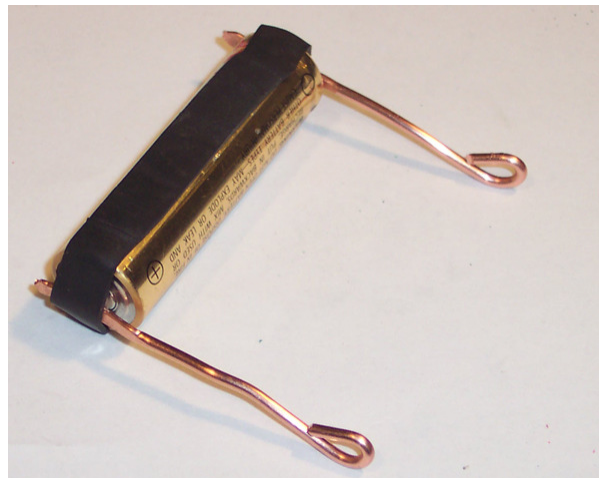Scrape off half of the way around

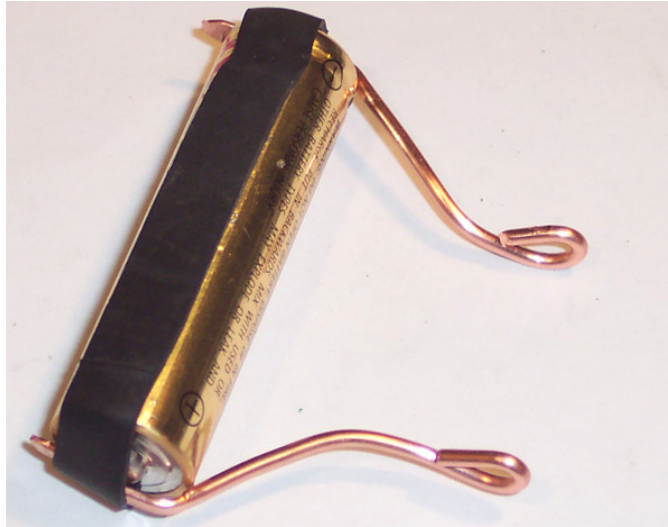Scrape off all the way around

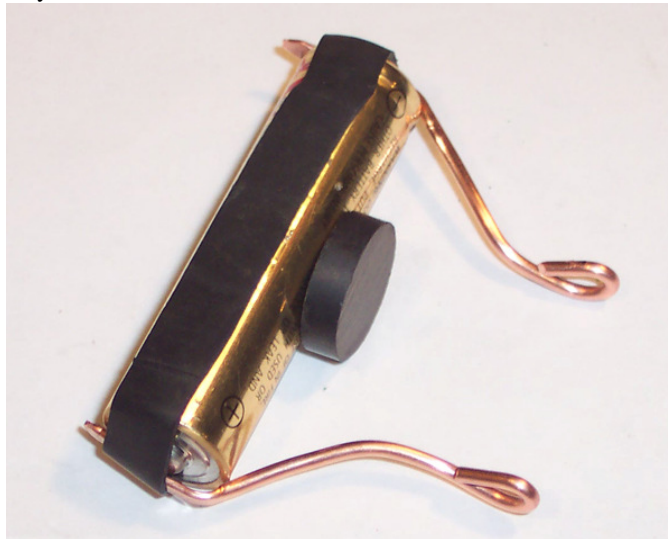Place a band around a AA battery.

Insert the copper standoffs as shown.

Bend the standoffs toward the center as shown.

Stick a magnet onto the battery as shown.

Place the coil into the assembly and ….good luck!