

Resources required:

- ◇ 2 LED lights
- ◇ Insulated copper magnet wire
- ◇ Batteries—CR2032 3V
- ◇ Electrical tape
- ◇ Clothes pegs (the spring variety)
- ◇ Pipe cleaners
- ◇ Paddle pop sticks (optional)

Instructions

Cut the wire at least twice the length of the clothes peg, or longer.

Strip both ends of the wire, about 20-30 mm, then wrap the wire around the long (positive) leg of the LED, twist any loose ends. It can be secured with electrical tape.

Repeat with the negative leg of the LED.

There should be 4 wires hanging from the two LEDs.

Fix the LEDs to the end of the peg that you squeeze, one on each side, using electrical tape.

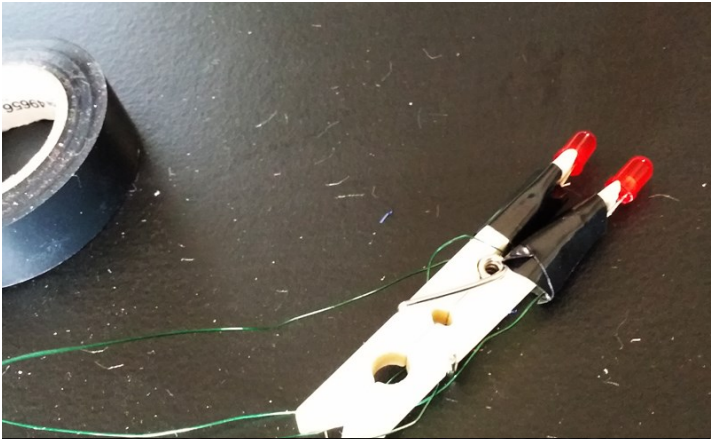
Wrap the peg in pipe cleaners to make it look like a bug.

Strip the ends from the two negative wires, twist them together and wrap around one end of the clamped side of the peg. Make sure the stripped part is on the inside, fix with electrical tape..

Repeat on the other side with the two positive wires.

To operate, clip the peg onto the battery.

If it doesn't work, turn the battery around.



Images from <https://www.steampoweredfamily.com/activities/circuit-bugs/>