



Simple Coin Cell Battery Tester

A simple coin cell battery holder tester using a red LED, some Maker Tape, and a clothespin.

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INTRODUCTION

We often have piles of CR2032 coin cell batteries around, and it's always a pain to figure out which ones are good or not. That's why we've made this simple coin cell battery holder tester using a red LED, some Maker Tape, and a clothespin.



TOOLS:

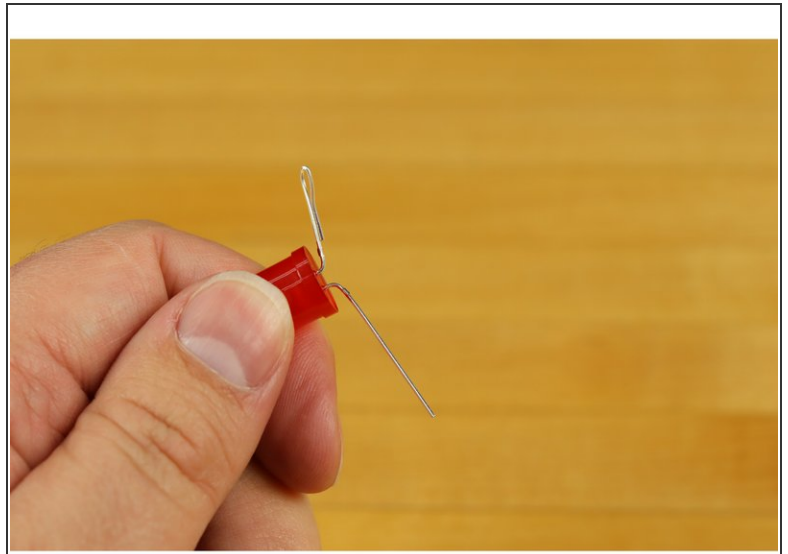
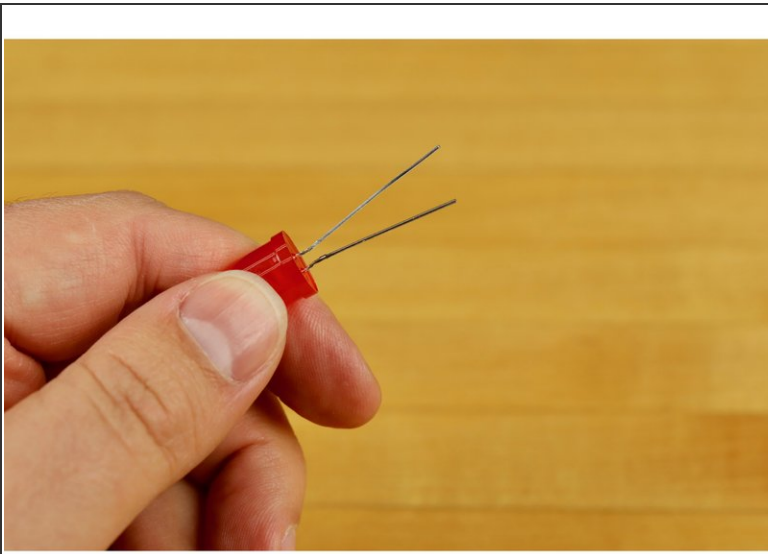
- Scissors (1)



PARTS:

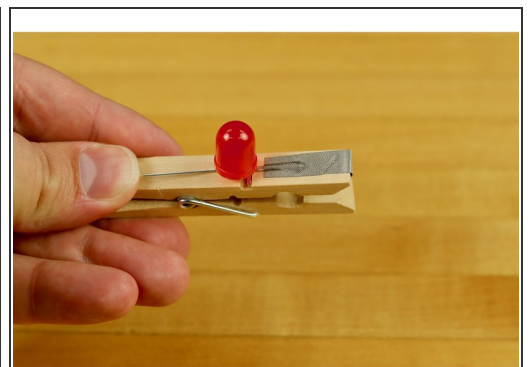
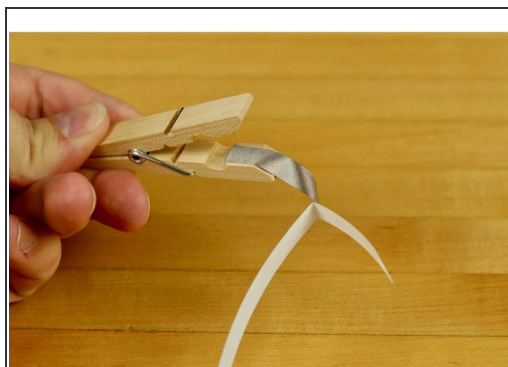
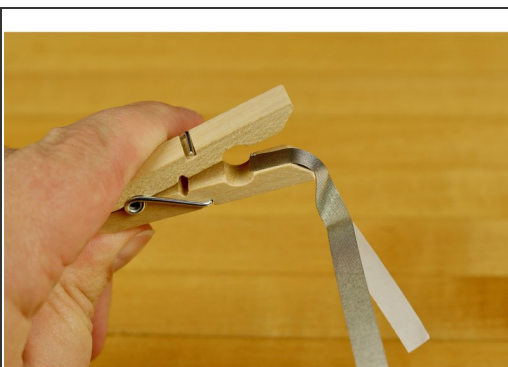
- Maker Tape (1)
1/4" Wide
- Jumbo 10mm Diffused LED (1)
- Clothespin (1)

Step 1 — Prepare the LED



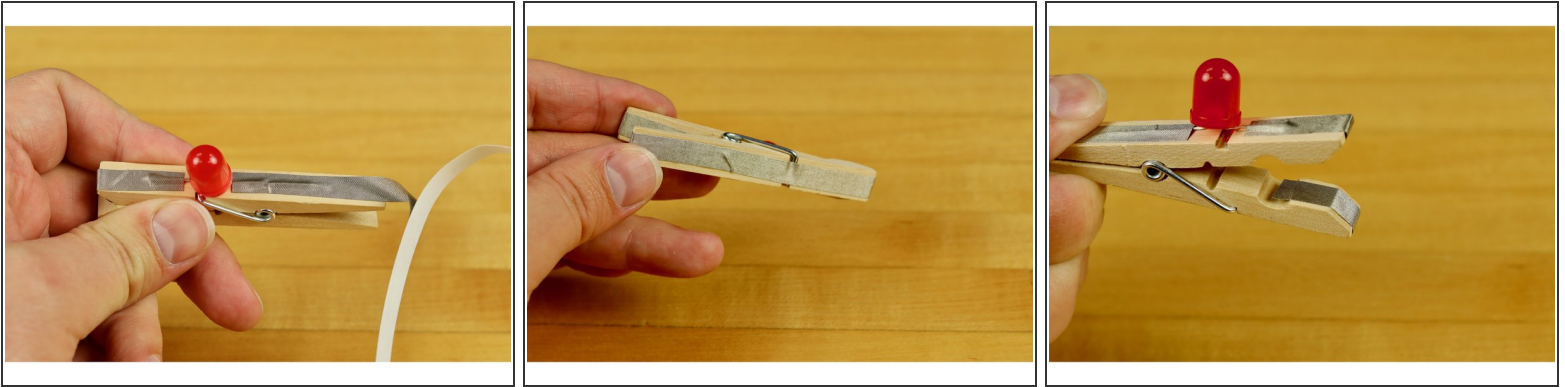
- The long leg of your LED is the Positive leg.
- Bend it in half and then outward.
- Bend the short leg outward. Don't bend it in half.

Step 2 — Add Positive Tape



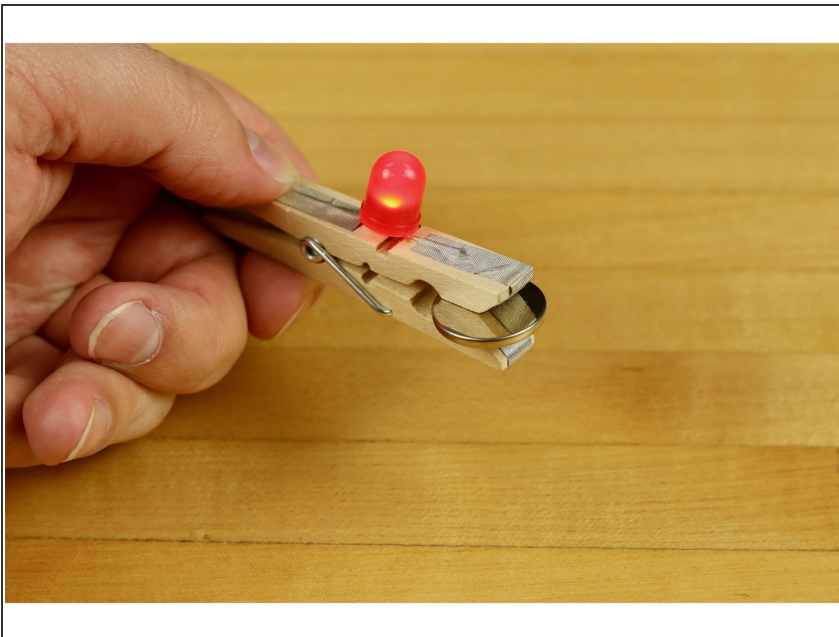
- Open up your clothespin and apply tape on the flat inside area.
- Go around the lip.
- Cover the bent, Positive leg, of your LED.

Step 3 — Connect the Negative Leg



- Cover the Negative leg of your LED with tape.
 - Go around the backside of the clothespin and to the bottom.
 - End on the other flat inside area.
- i** Don't over-complicate things on the back (inside V area) part where you press together. We like to go inside a bit with some tape to make it look clean, but as long as it works when you're finished... it won't matter.

Step 4 — Test It



- Put a battery in and see if it works.
- If it **doesn't** work flip the battery over and try again. You may have reversed your LED legs.