



Super Simple Light-Up Christmas Sweaters

A simple LED circuit that makes your sweater light up - with the most bang for your "buck".
Reindeer rejoice! Great for any holiday party.

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INTRODUCTION

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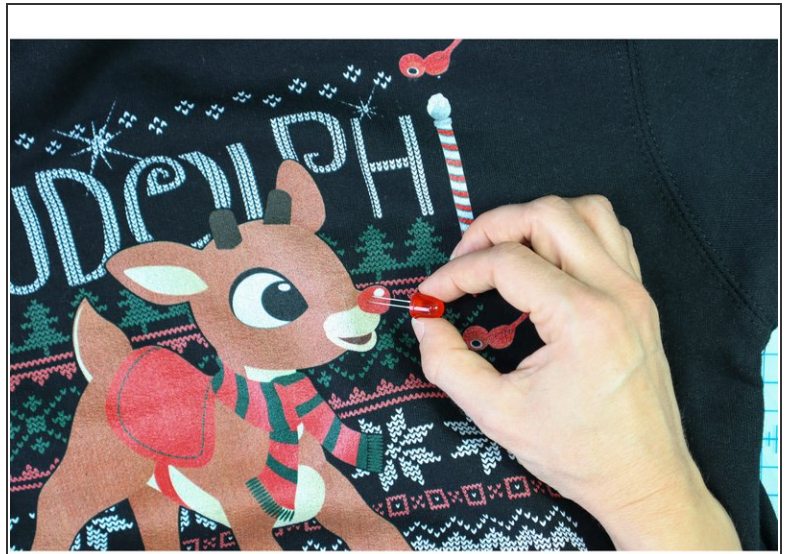
You can make this project (and many more!) with our **Wearables Circuits Kit**.



PARTS:

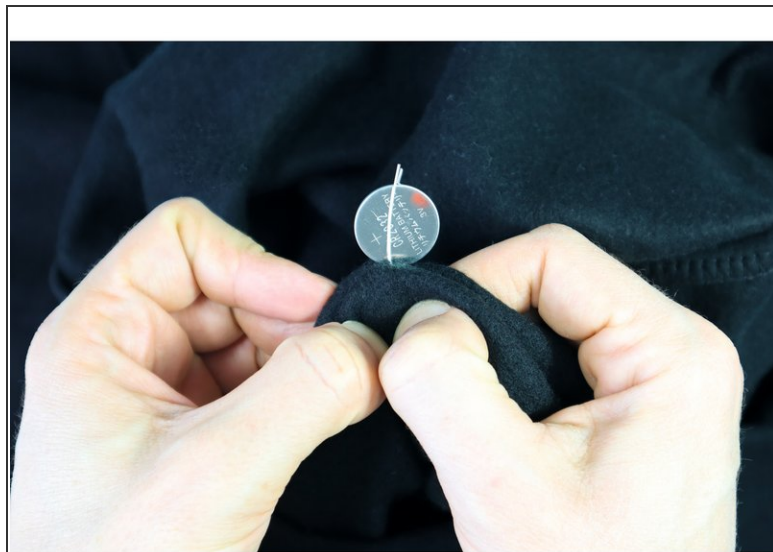
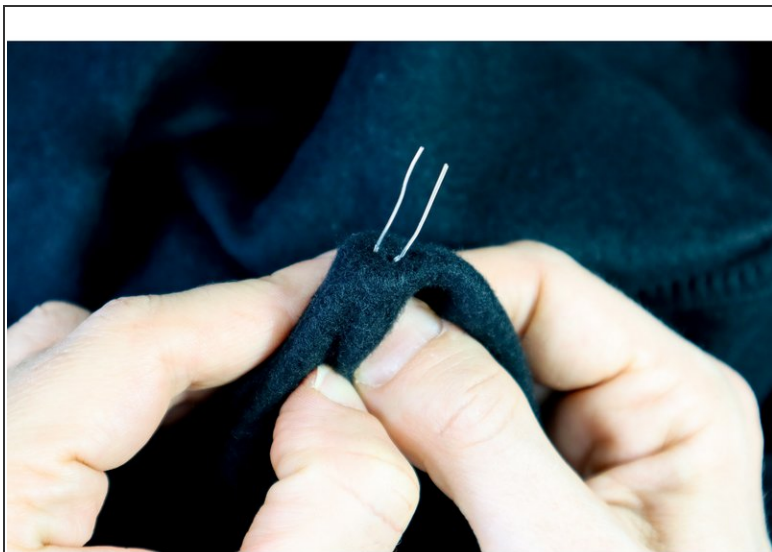
- [Wearable Circuits Kit](#) (1)
 - [Tape](#) (1)
 - [Rudolph Sweatshirt](#) (1)
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Step 1 — Insert the LED



- Insert a red LED through the shirt.

Step 2 — Insert the Battery



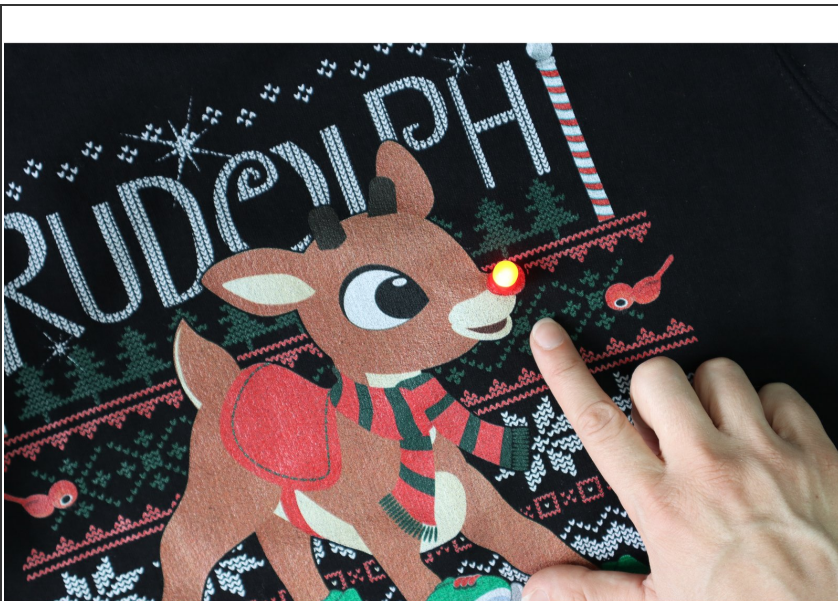
- Turn the shirt inside out.
- Insert a coin cell battery between the legs of the LED, matching the long leg to the positive (+) side and the short leg to the negative side.
- Peek at the front of the shirt - did the LED light up? If it did good! If it didn't, try flipping the battery around.

Step 3 — Tape the Battery in Place



- Use a piece of tape (transparent tape works best!) to secure the battery and LED legs together.
- Fold the battery down so that it lays flush against the back of the shirt, with the negative side touching the shirt.

Step 4 — Turn the Shirt Right Side Out!



- Turn the shirt right side out, and you're ready to guide the sleigh tonight!