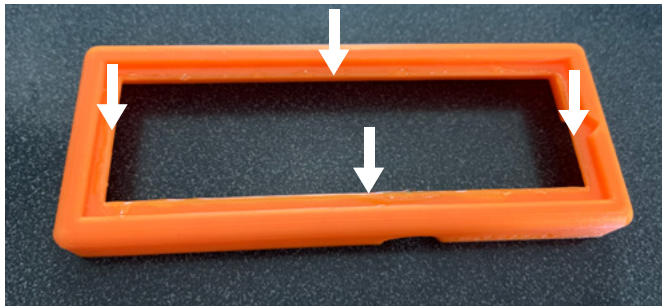


# Simple Switch Tester

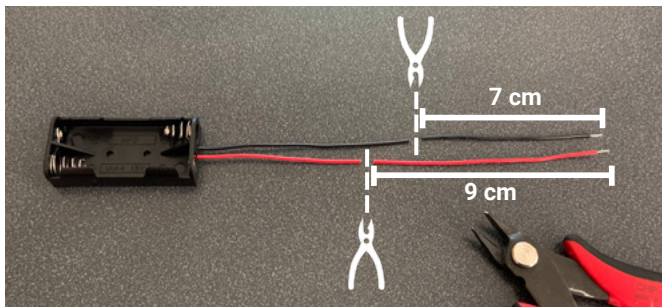
## ASSEMBLY MANUAL



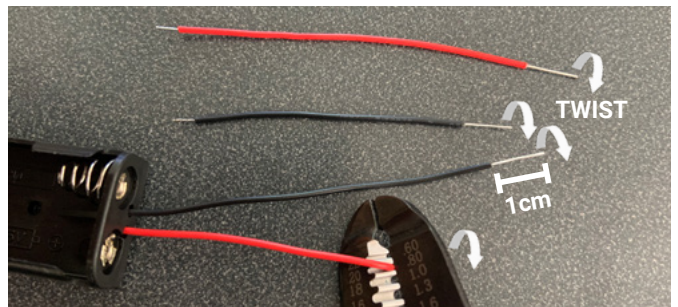
**01.** Place a **SMALL** amount of superglue on the **inner** ledges of the top of the enclosure.



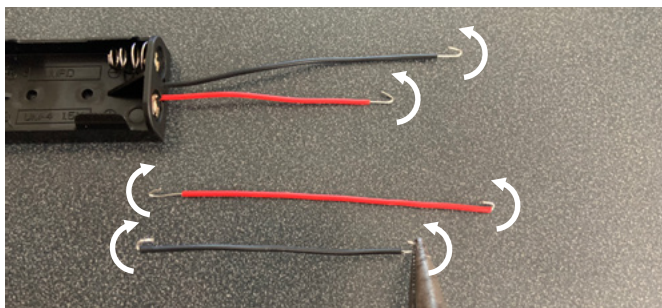
**02.** Place the lithophane on the ledges, ensuring the text is face-up, and wait 10 minutes for it to dry.



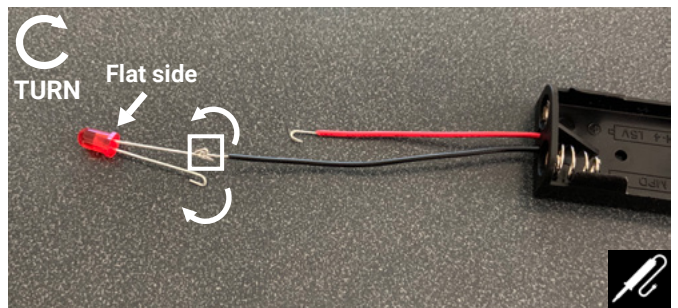
**03.** Measure 7 cm from the end of the **BLACK** wire and 9 cm from the end of the **RED** wire and cut them.



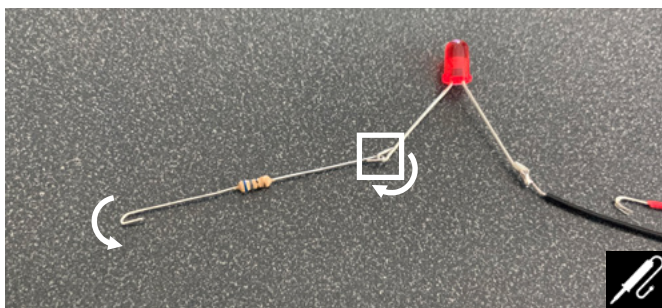
**04.** Strip all four wires ends by 1 cm and twist them.



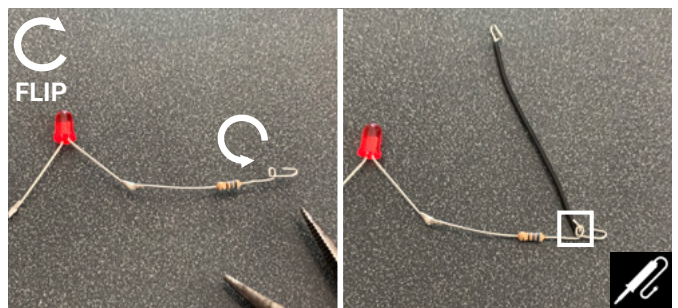
**05.** Bend all the ends into hooks with pliers.



**06.** Bend the ends of the LED leads and hook the shorter one (flat side, negative) to the **anchored BLACK** wire. Solder it in place.



**07.** Bend the resistor ends and hook one end to the longer LED lead (positive). Solder it in place.

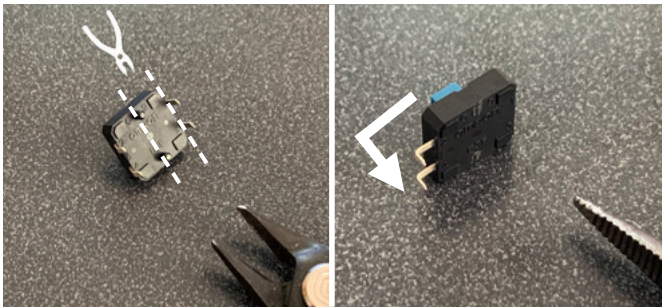


**08.** Bend the other end of the resistor in a loop with pliers and hook the **loose BLACK** wire in it. Solder it in place.

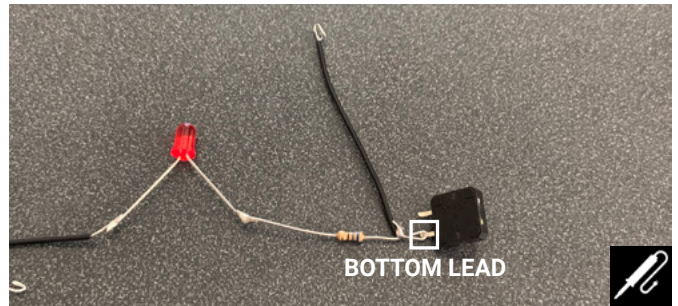


# Simple Switch Tester

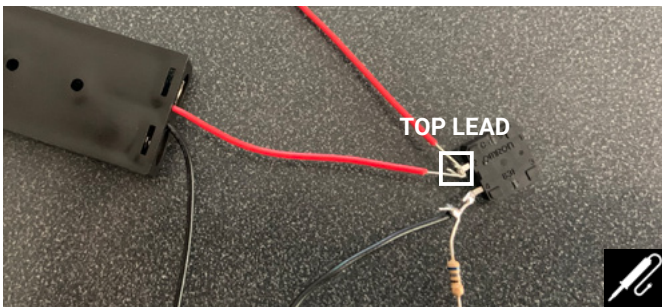
## ASSEMBLY MANUAL



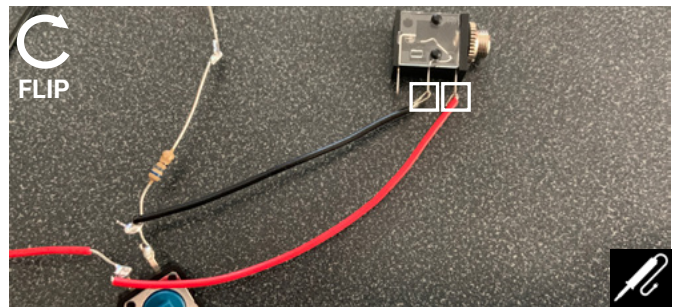
**09.** Cut off two leads and the two nubs on the back of the switch, and bend the other two leads into an "L" shape.



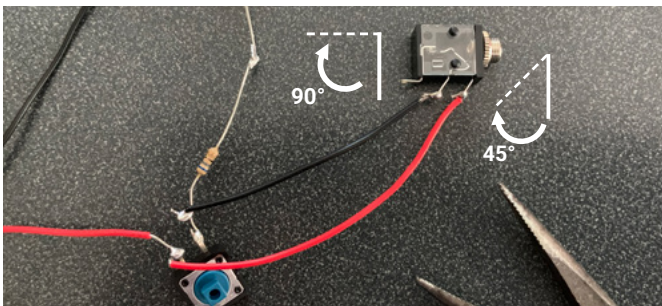
**10.** Hook the resistor on the **bottom** switch lead and solder it in place.



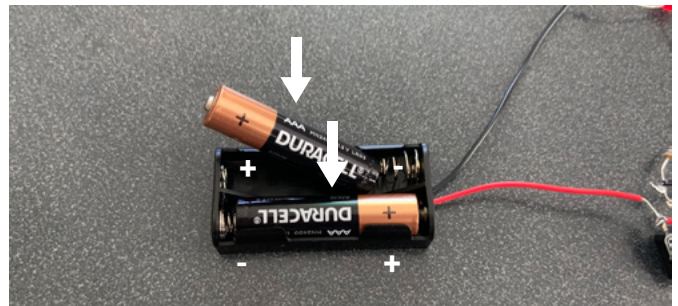
**11.** Hook the **anchored RED** wire and one end of the **loose RED** wire on the **top** switch lead and solder them in place.



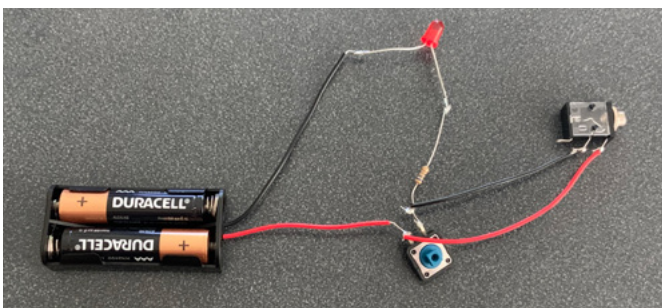
**12.** Hook the other end of the **loose RED** wire to the first jack lead and hook the end of the **loose BLACK** wire to the middle jack lead. Solder them in place.



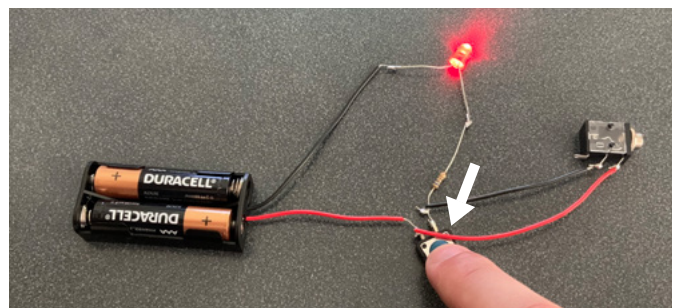
**13.** Bend the last jack lead horizontal and the other two 45°.



**14.** Insert two AAA batteries.



**15.** The circuit should look like this.

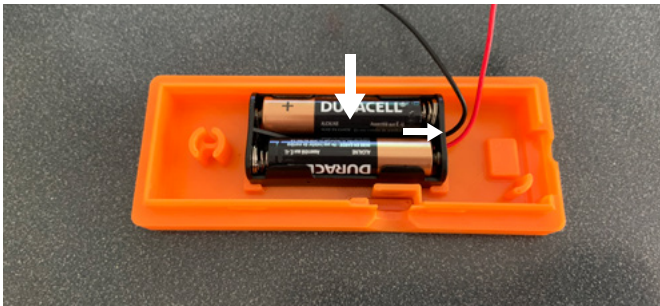


**16.** Press the switch to test if the device is working.

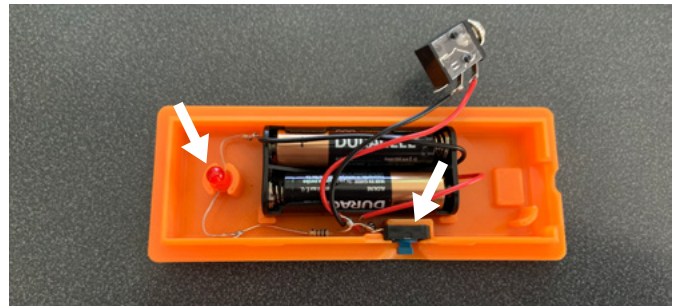


# Simple Switch Tester

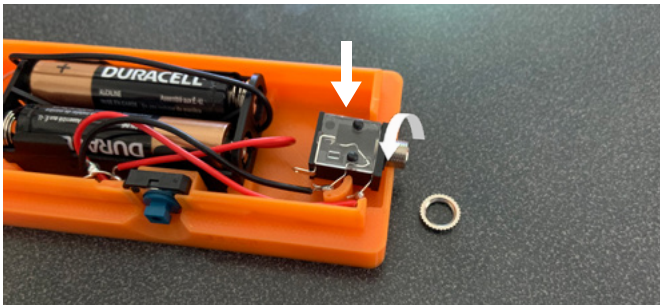
## ASSEMBLY MANUAL



**17.** Insert the battery holder into the slot on the bottom of the enclosure, ensuring the wires are on the right side.



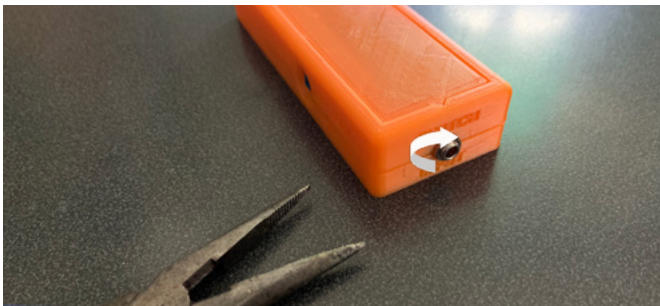
**18.** Place the LED and switch into their slots and bend the leads and wires accordingly.



**19.** Unscrew the nut on the jack and place the jack in the cutout.



**20.** Ensure all the wires are inside the enclosure walls and snap the top and bottom pieces together.



**21.** Screw the nut on the jack.



**22.** Plug in a switch and test it.

