Open Wobble Switch
ASSEMBLY MANUAL

Makers Making Change
A Neil Squire Program
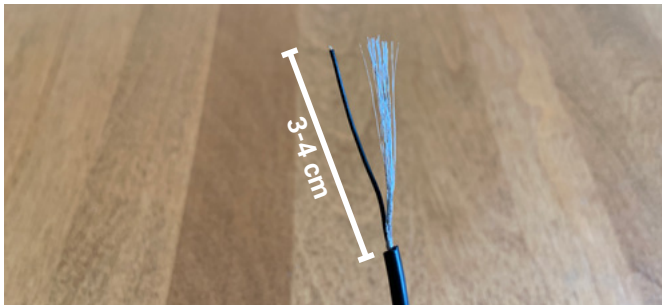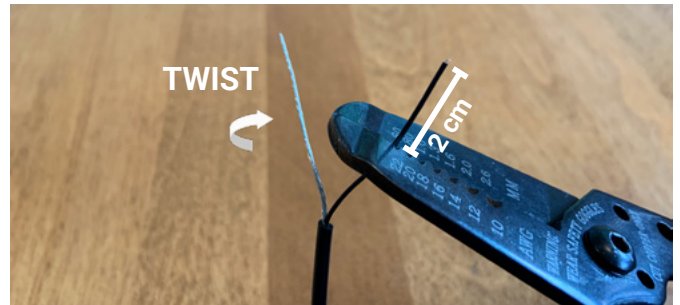
01. Remove the cover by unscrewing the 3 screws.
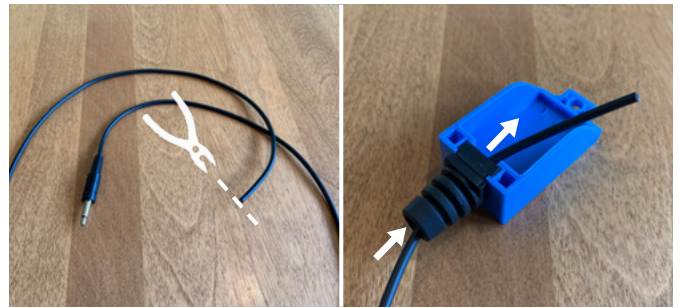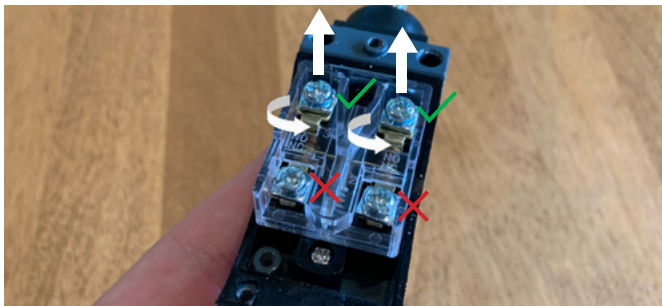
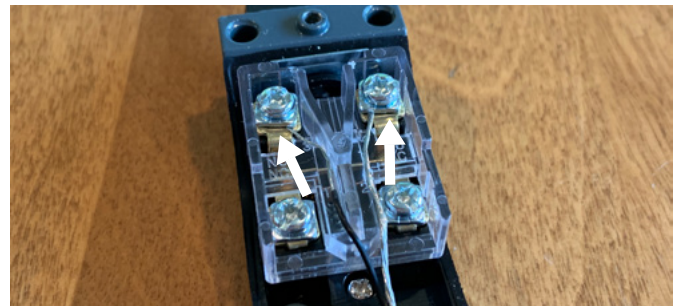**02.** Cut the mono cable in half to a 6' length and put the cable through the flexible strain relief.

03. Strip 4 cm length of cable with a wire stripper to expose the two internal wires.
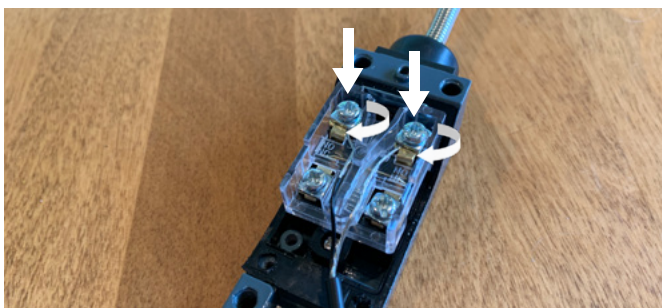
3-4 cm

0   1 cm   2 cm

04. Twist the exposed wire and strip the 2nd wire with the plastic sheath 2 cm.
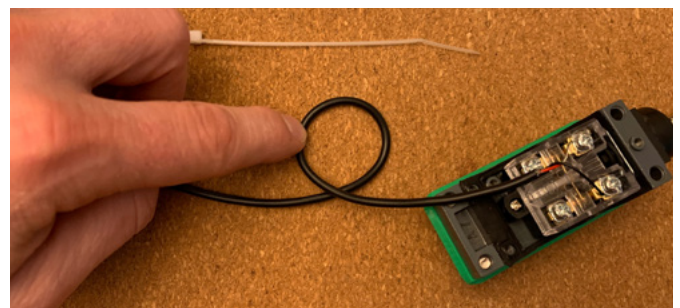
TWIST

2 cm

05. Unscrew the top 2 "NO" screws (not "NC") just enough (1-2 full turns) so the plate is exposed.

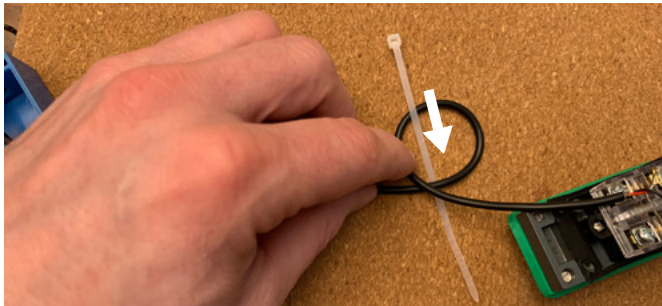**06.** Twist the short wire and slide the two wires between the plates.

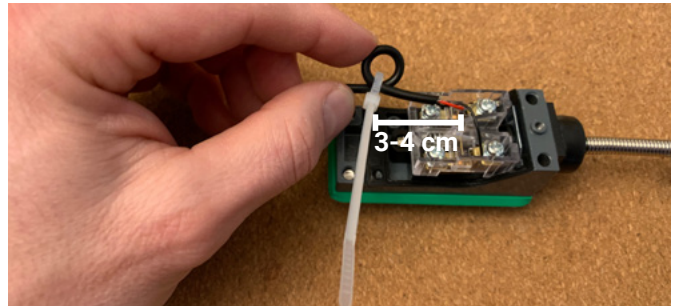**07.** Screw the 2 screws back in to hold the cables in place.

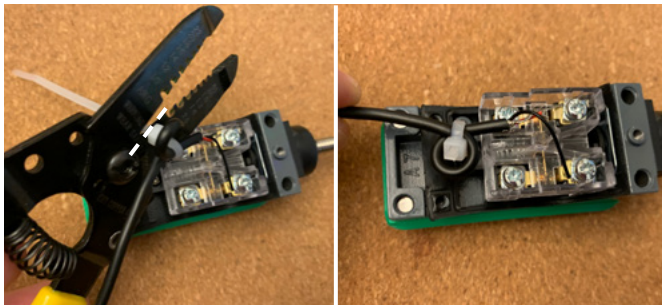**08.** Make a loop with the mono cable.

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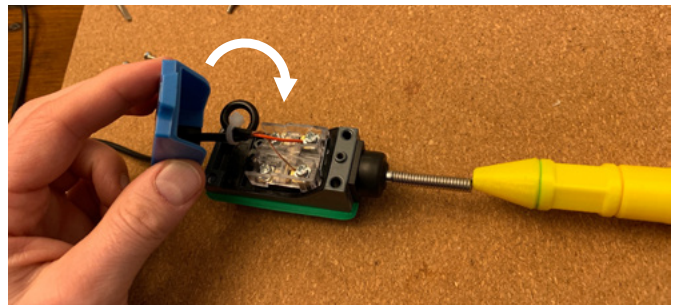## ASSEMBLY MANUAL

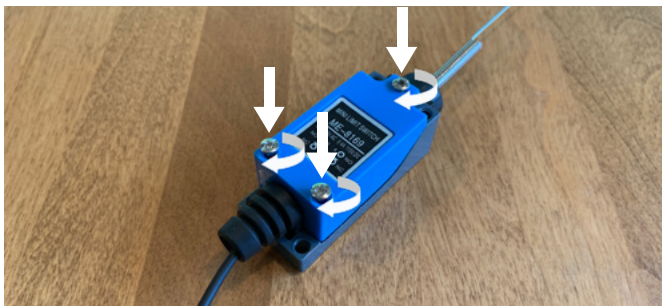**09.** Insert the zip tie through the loop.

10. Cinch the zip tie about 3-4 cm from where the cable is screwed down.

3-4 cm
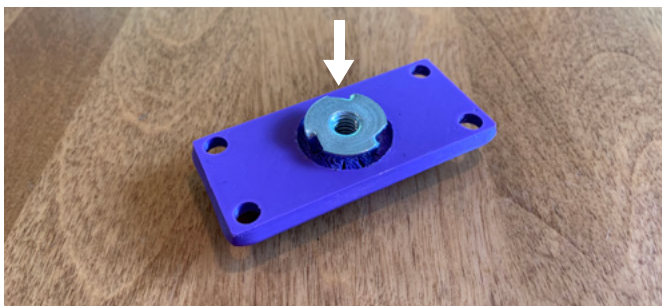
11. Cut off excess zip tie.

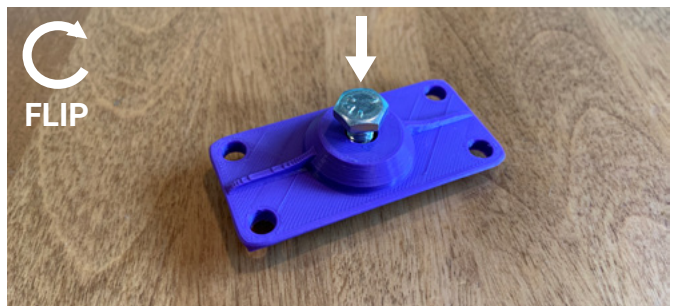**12.** Tuck in the zip tie and put the cover back in place.

13. Screw the 3 screws back in.

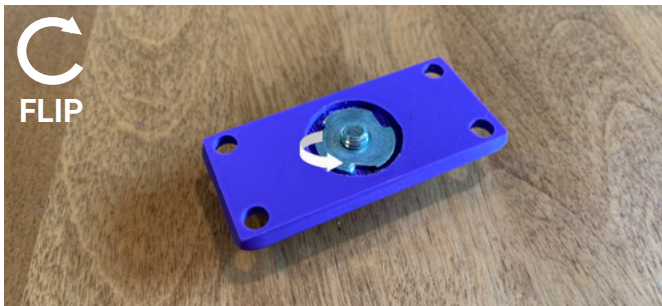**14.** Remove the thin layer of 3D printed material.

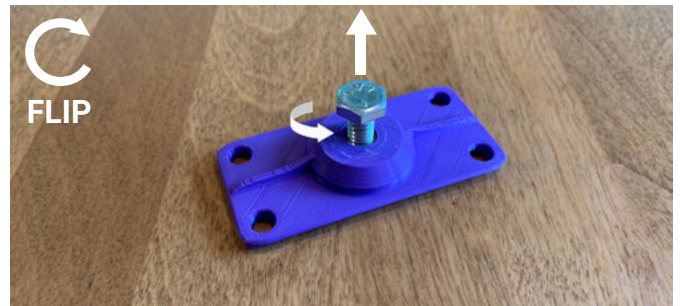**15.** Insert the ¼-inch-20 UNC tee nut into the hole on the adapter plate.

16. Insert the hex bolt from the other side of the adapter plate.
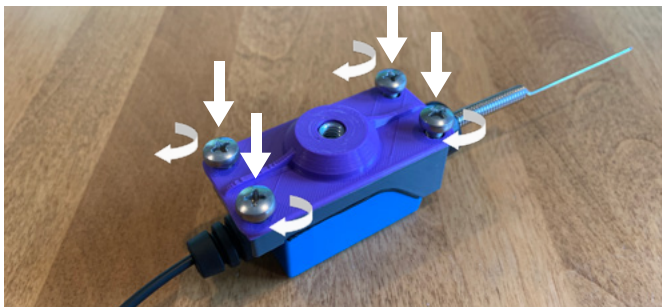
FLIP

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FLIP

17. Using a wrench, screw the hex bolt into the t-nut and tighten until it sits flush.

FLIP

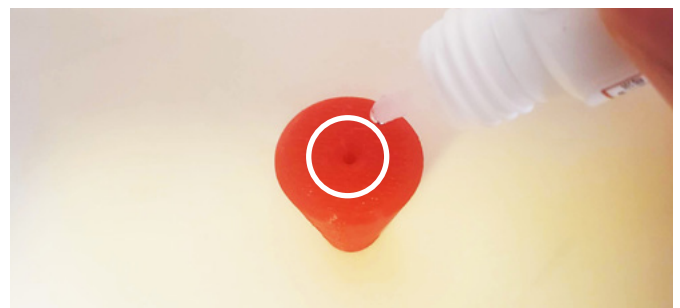**18.** Unscrew the bolt.

19. Put the adapter plate against the back side of the limit switch and secure with four M5 screws.

FLIP

20. Apply a small amount of glue to the black square.
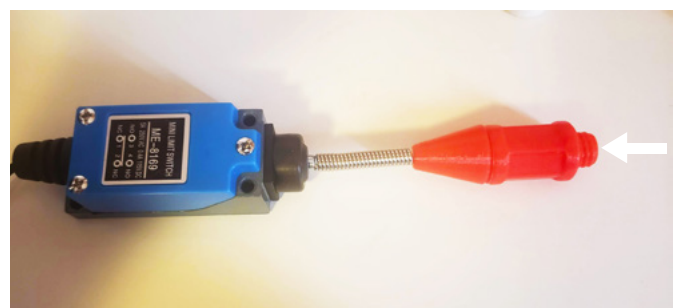
FLIP

21. Flip the nameplate so the letters are correct and place it on the black square.

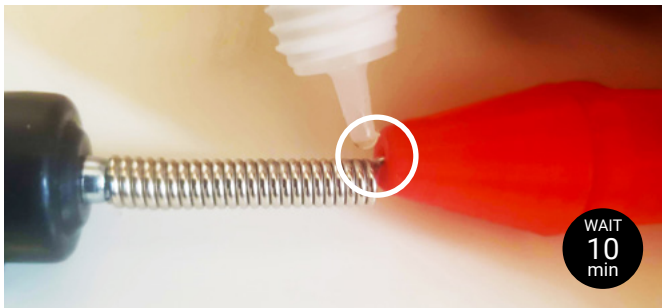**22.** Apply a thin layer of superglue to the top face of the cone-shaped topper adapter.

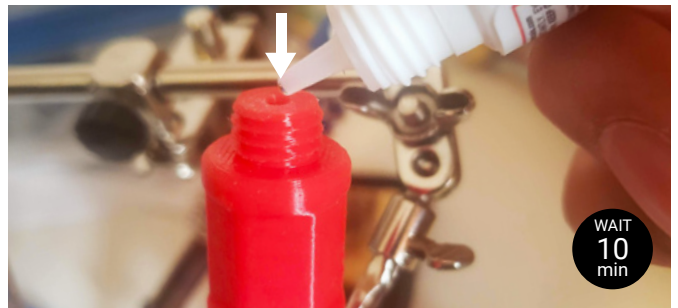**23.** Slide the topper adapter to the base of the metal wire.

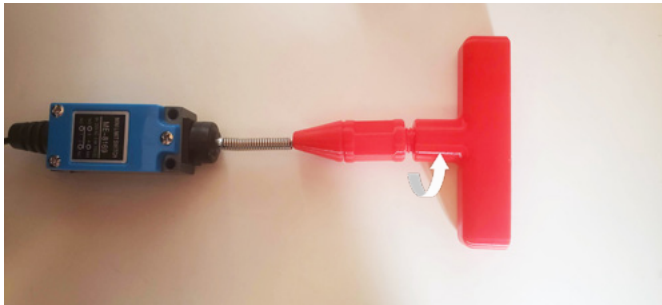**24.** Place the connector on the metal wire.

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WAIT 10 min

25. Put a few drops of glue in and around the hole. Let it set for 10 minutes.

WAIT 10 min

26. IMPORTANT: Drop 4 or 5 drops of superglue inside the hole. Do not get glue on the top surface.

27. Screw on the switch topper.