# Low Profile Switch
# ASSEMBLY GUIDE

## Required Components

**BILL OF MATERIALS**

| | |
|---|---|
| 1 | 3D printed switch top |
| 2 | 3D printed switch bottom |
| 3 | 3.5 mm mono cable |
| 4 | 12mm tactile switch |

## Required Tools

- Soldering Iron and Solder
- Wire Strippers / Wire Cutters
- Hot Glue Gun and Glue

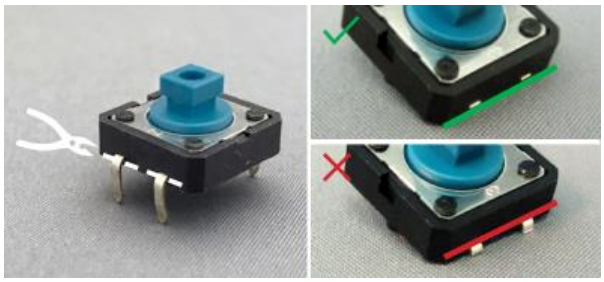
## Required Personal Protective Equipment (PPE)

- Safety Glasses

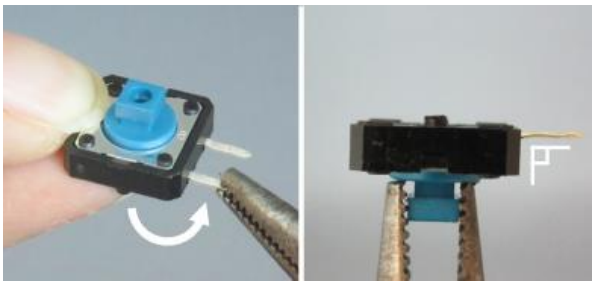
# Low Profile Switch
# ASSEMBLY GUIDE

Makers Making Change
A Neil Squire Program

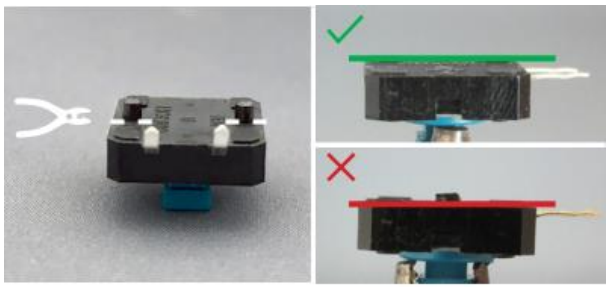
## Assembly Instructions



**01.** Cut off the two leads on one side flush.



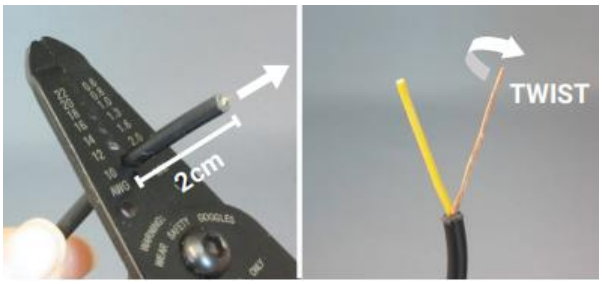
**02.** Bend the two remaining leads to make a 90° angle with the switch.



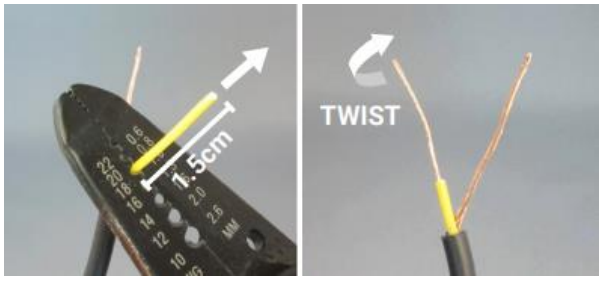
**03.** Cut off the two plastic mounting lugs completely flush.

**04.** Cut the mono jack cable to the desired length.

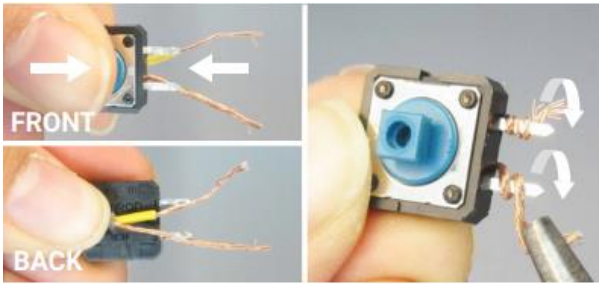
**05.** Pull mono cable through the hole in the base of the switch.




**06.** Use the wire strippers to strip 2cm.



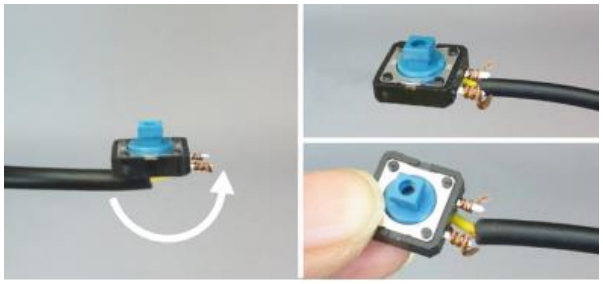

**07.** Use wire strippers to strip 1.5cm off the individual wires.



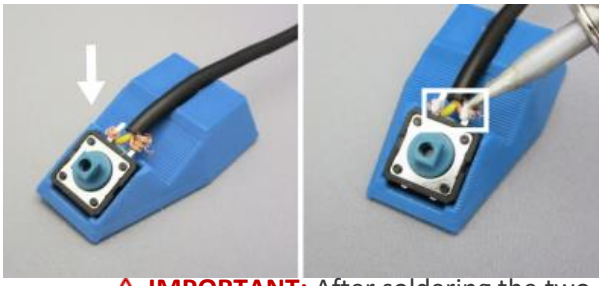

**08.** Hold the wire behind the switch and wrap wires around the switch leads.

# Low Profile Switch
## ASSEMBLY GUIDE

Makers Making Change
A Neil Squire Program



**09.** Hold the switch in place and bend the wire in between the two switch leads.



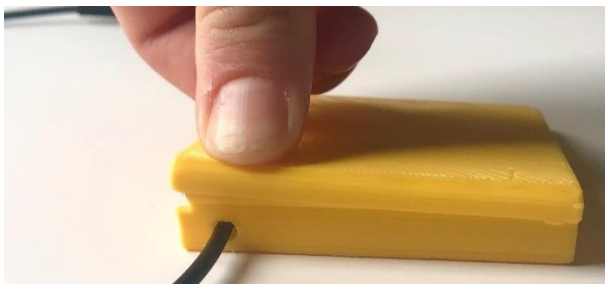
**10.** ⚠ **IMPORTANT:** After soldering the two leads indicated in the white rectangle, test the switch by plugging it into a switch tester or assistive device.

**11.** Move the 3D printed base close to the switch and fit the cable in the 3d printed groove.

**12.** Add a small drop of hot glue. Do not add too much. Press down on the switch ensuring that it is sitting level.

**13.** Bury the soldered joint and cable in hot glue.

**14.** Place the 3D printed top over the 3D printed base. Align the slot in the top with the joint on the bottom.



**15.** Apply pressure at one end of the top and snap the top onto the base. Then apply pressure to the other end.

**16.** Move the top back and forth to insure it is fully snapped on and can rotate freely without friction.