

Low Profile Switch ASSEMBLY GUIDE

Required Components



BILL OF MATERIALS

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

Required Tools

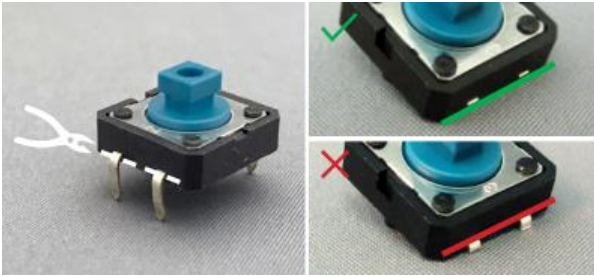
- Soldering Iron and Solder
- Wire Strippers / Wire Cutters
- Hot Glue Gun and Glue

Required Personal Protective Equipment (PPE)

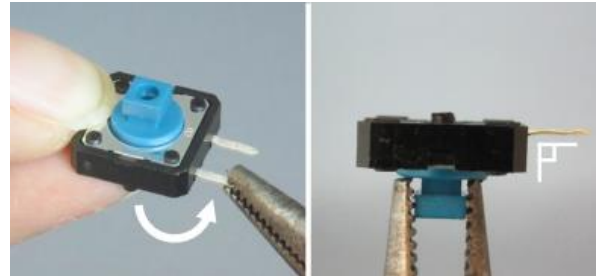
- Safety Glasses

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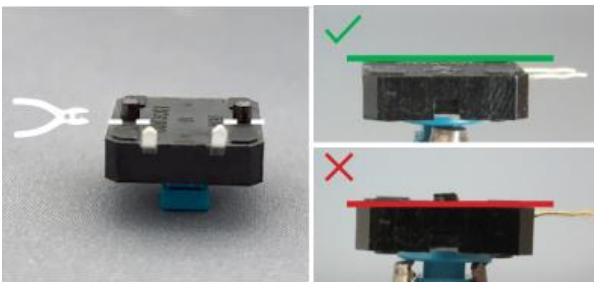
Assembly Instructions



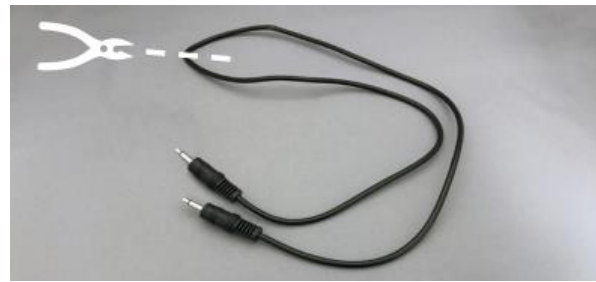
01. Cut off the two leads on one side flush.



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



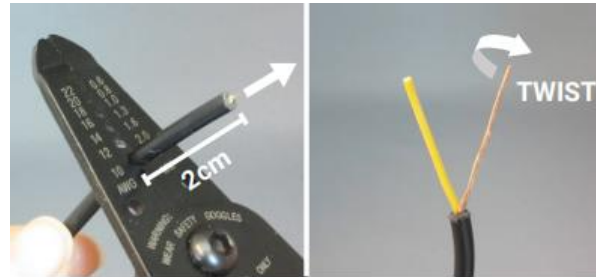
03. Cut off the two plastic mounting lugs completely flush.



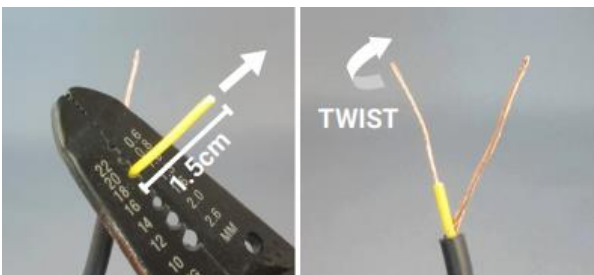
04. Cut the mono jack cable to the desired length.



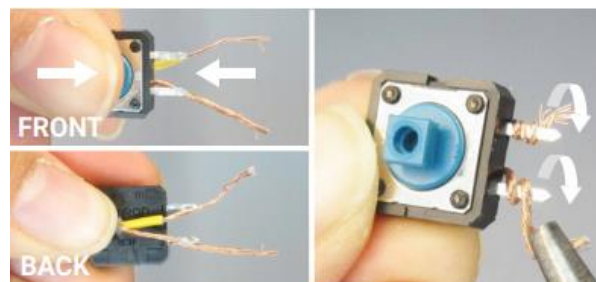
05. Pull mono cable through the hole in the base of the switch.



06. Use the wire strippers to strip 2cm.

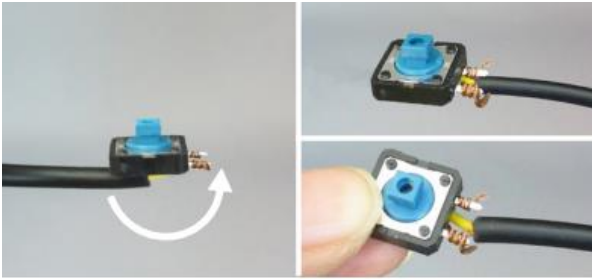


07. Use wire strippers to strip 1.5cm off the individual wires.

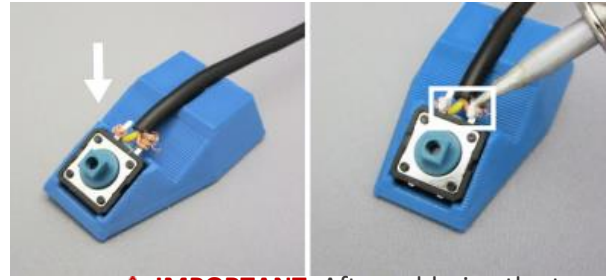


08. Hold the wire behind the switch and wrap wires around the switch leads.

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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.