

B@t-Detektor

Building the external connected parts

WIR.
SCHAFFEN.
BILDUNG.

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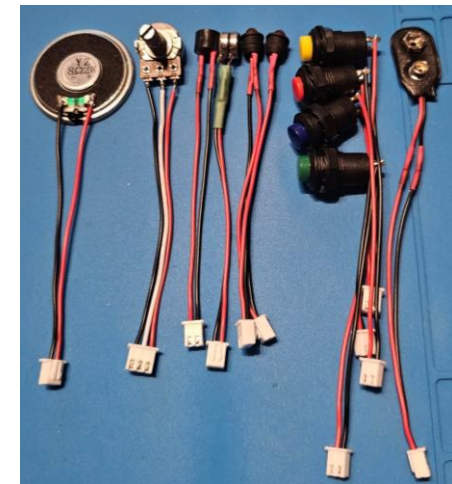


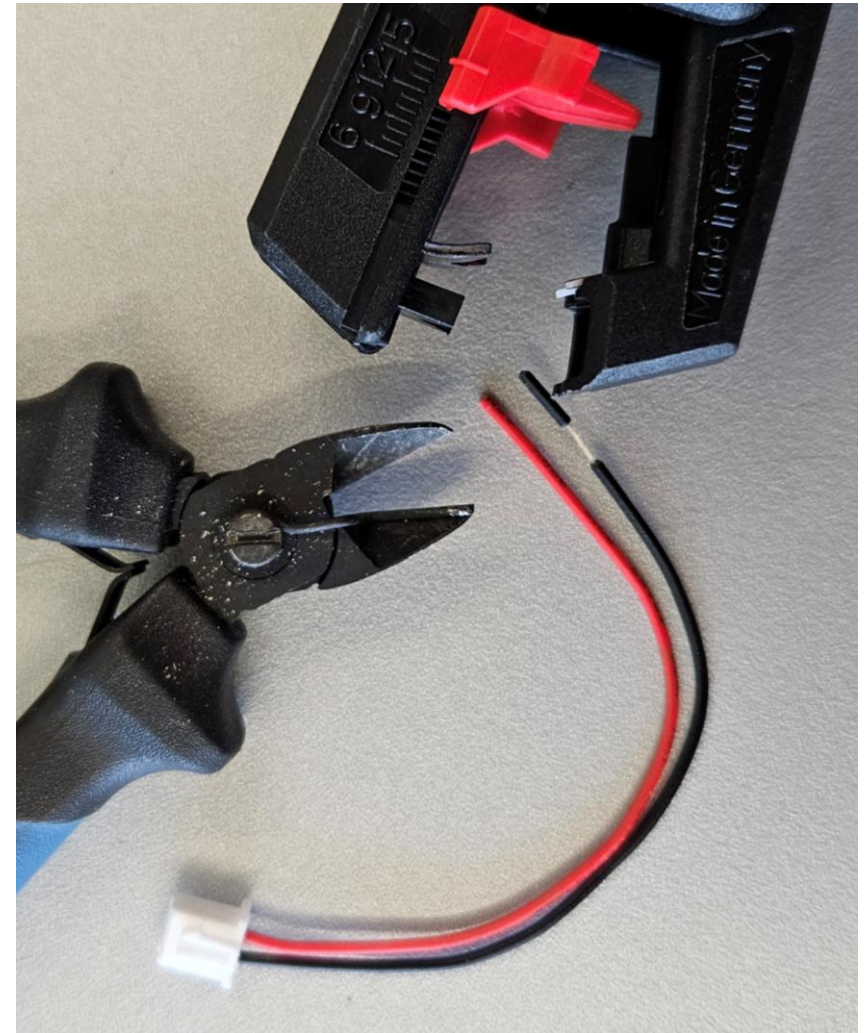
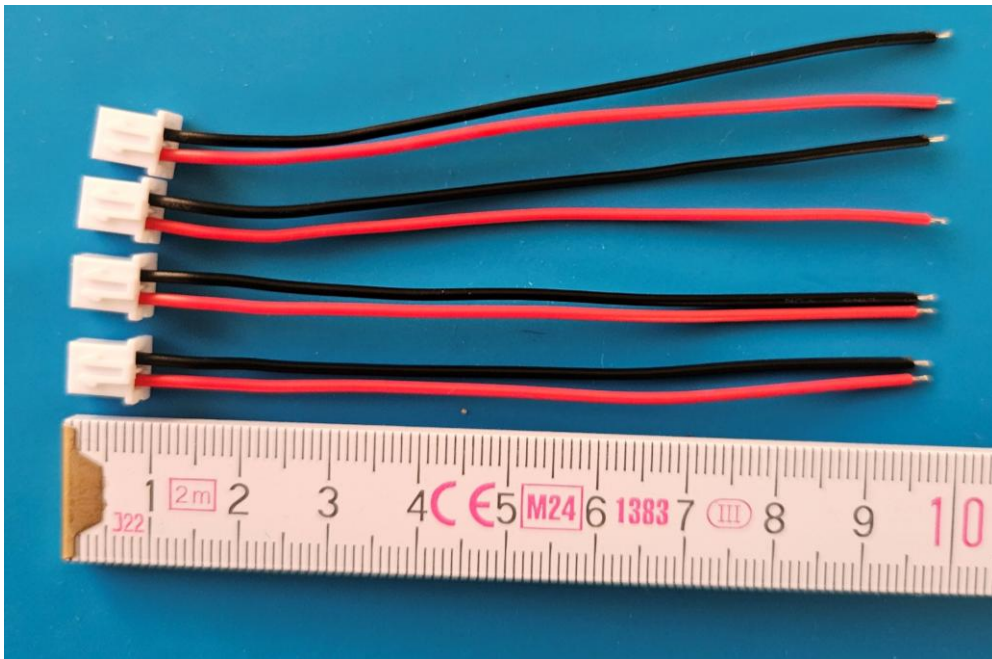
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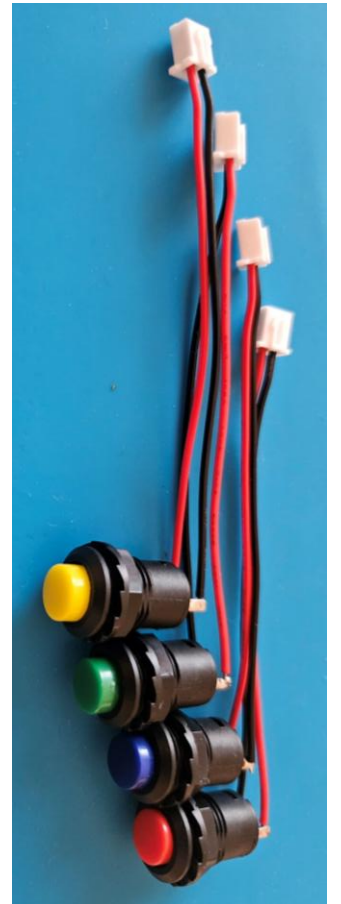
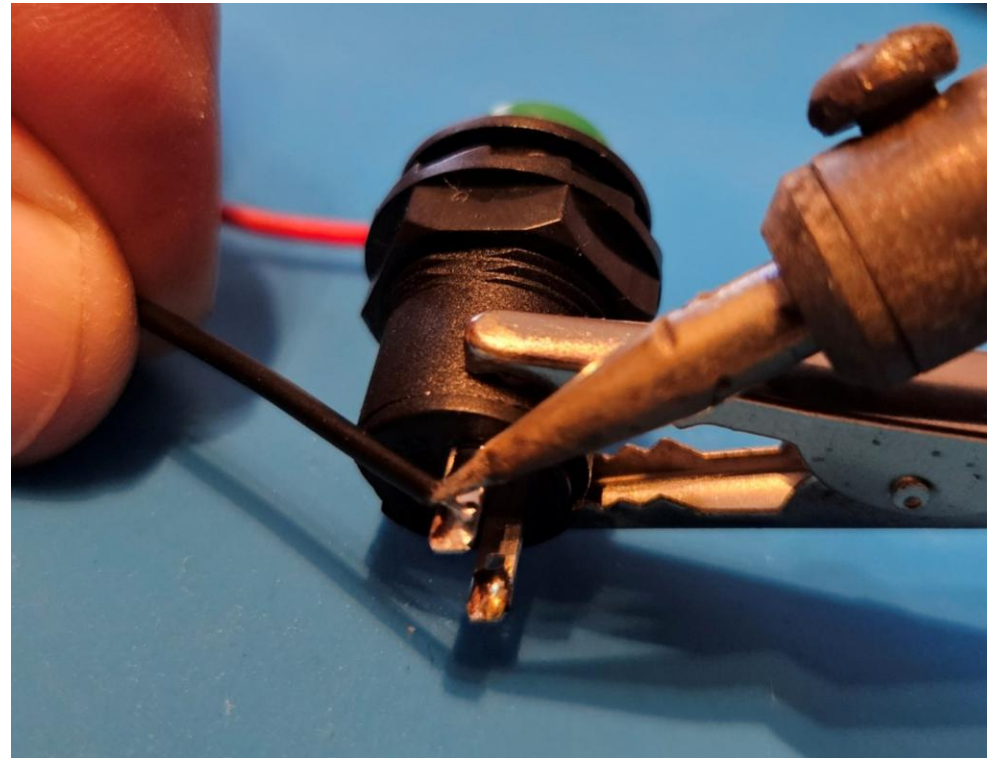
1. Prepare the wires

**Cut all wires to 100 mm.
Strip the insulation at the ends.**



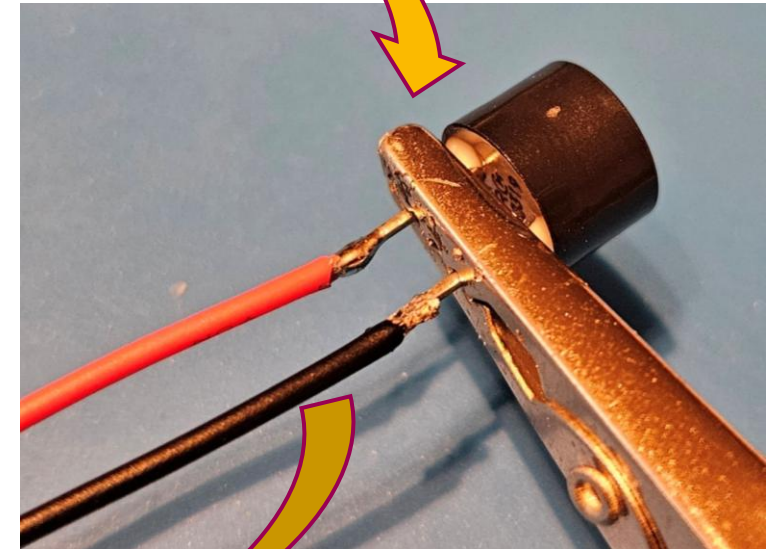
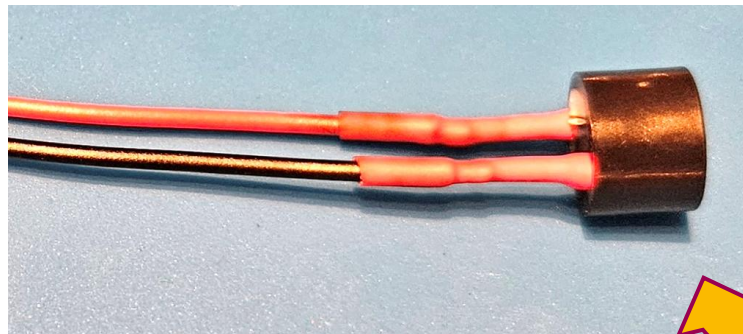
2. Solder the switches

**Pre tin the parts an solder them.
No polarization required.**



3. Connect the ultrasonic sensor

Pre tin the parts, put shrink-tubes over the wires, solder the parts and shrink the tubes.



4. Connect the battery clip

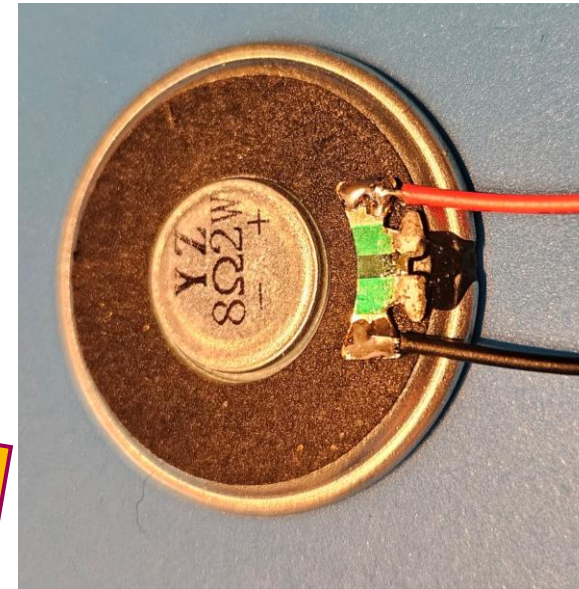
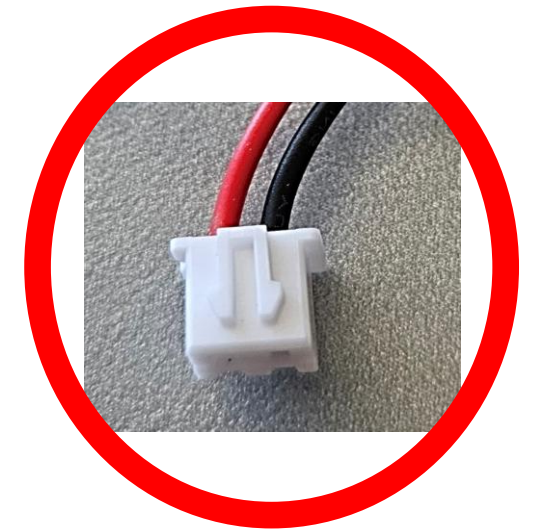
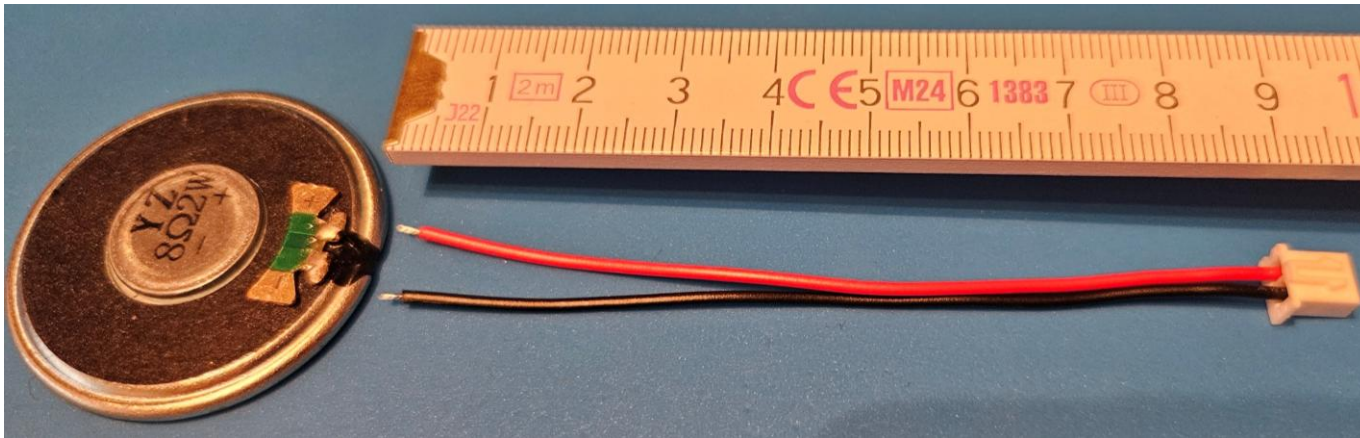
!!!Polarisation!!!

Cut the wires to the right length and strip the insulation. Pre tin the parts, put shrink-tubes over the wires, solder the parts and shrink the tubes.



5. Connect the speaker **!!!Polarisation!!!**

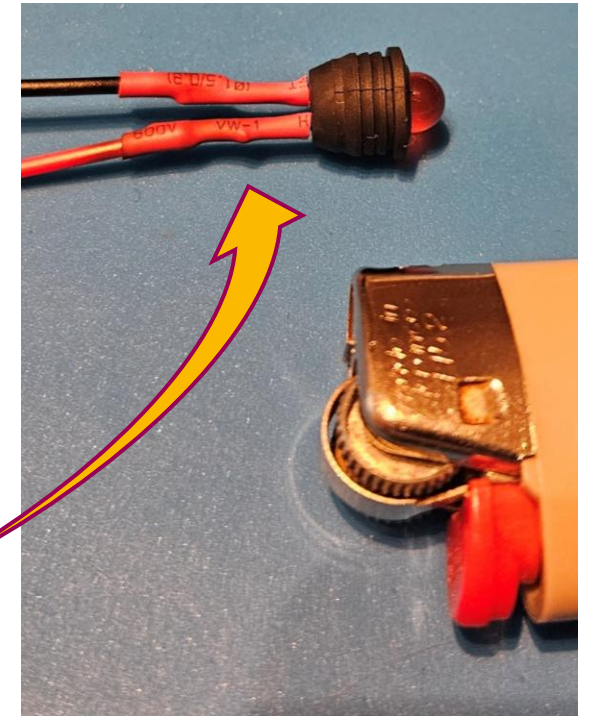
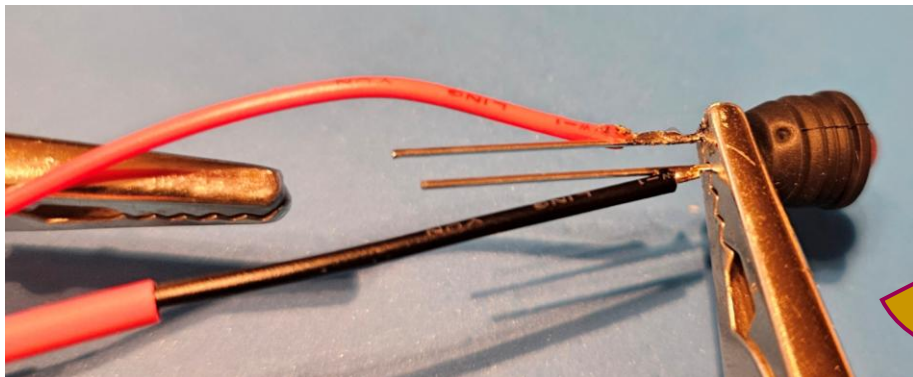
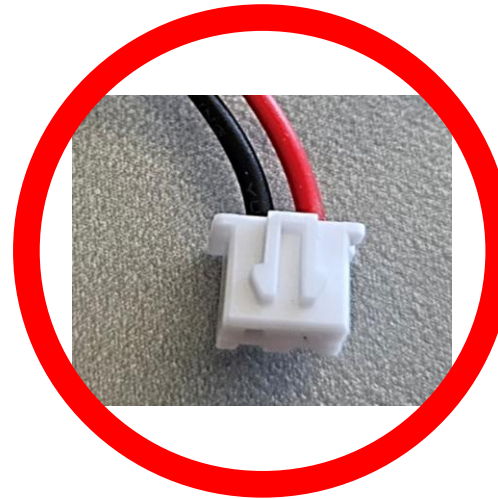
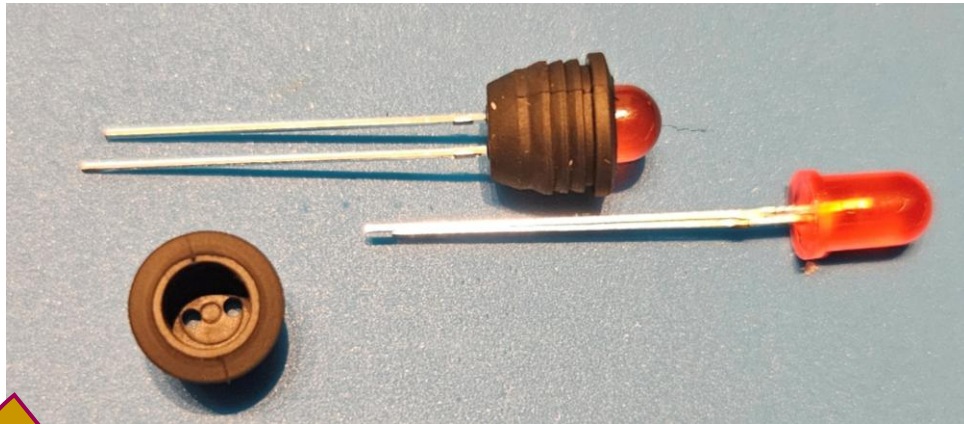
Pre tin and solder the parts



6. Connect LEDs

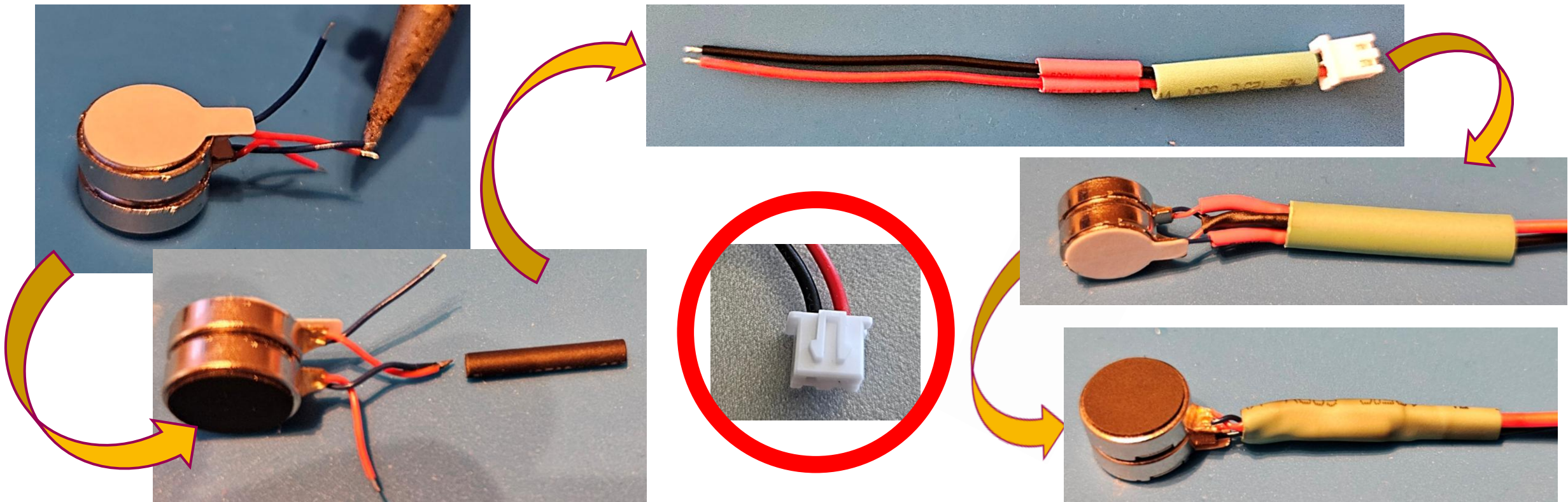
!!!Polarisation!!! [Long leg is + (red)]

Put the LEDs in the sockets . Pre tin the parts, put shrink-tubes over the wires, solder the parts, cut the wires and shrink the tubes.



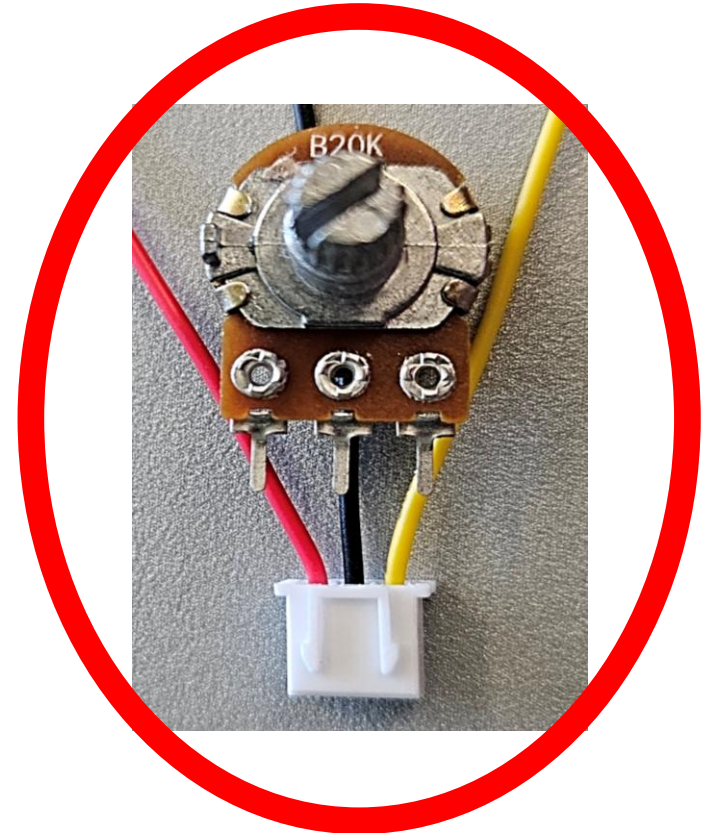
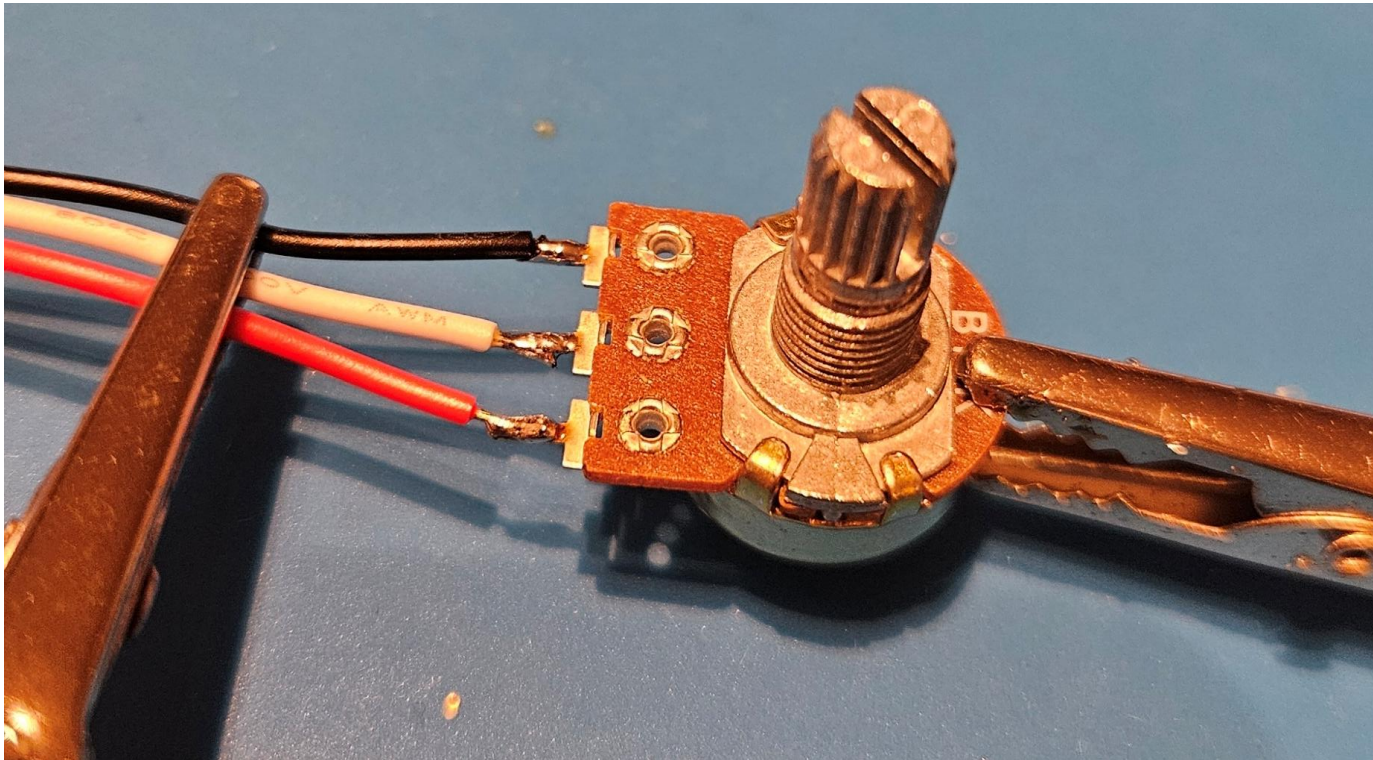
7. Connect the vibration motors **!!!Polarisation!!!**

Stick the motors together. Pre tin the parts, put shrink-tubes over the wires, solder the parts and shrink the tubes.



8. Connect potentiometer **!!!middle is middle!!!**

Pre tin the parts and solder them.



You finished the the
external connected parts



Thanks

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