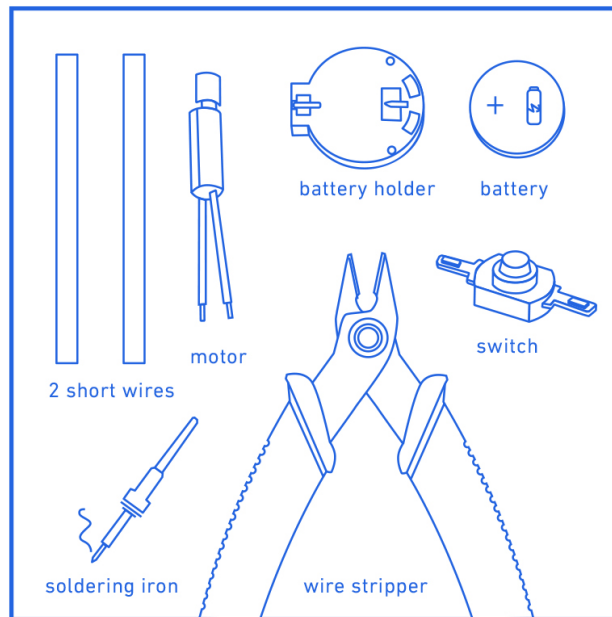



Shitty Robots



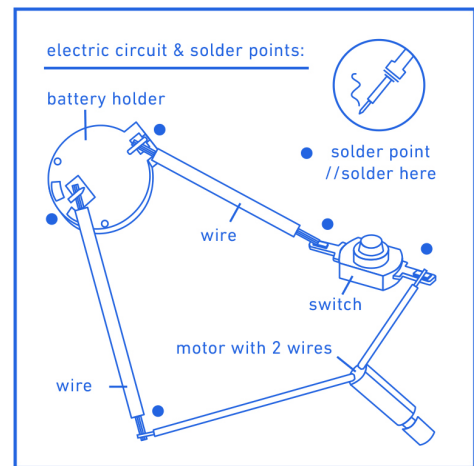
Quantity	Name	Description
1	Vibration motor	3 V 12 mA
1	CR2032 3 V Battery	
1	Battery holder	
1	Switch button	2 pins
2	Wires	5-10cm long

Difficulty: ●○○○○ Build-Time: 20–40 Minutes

Manual v1.0a  CC BY-SA 4.0 Binary Kitchen e.V.
Idea Nadine Trautzsch

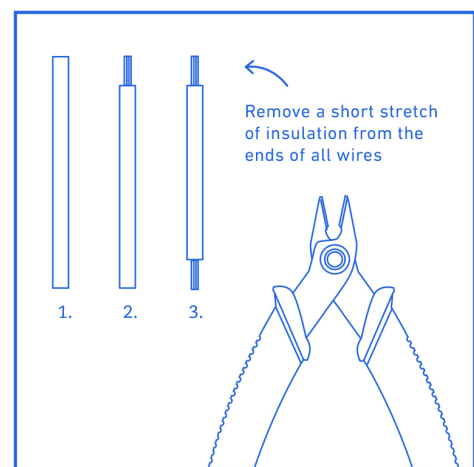
Step 1

- a) This is the complete circuit.



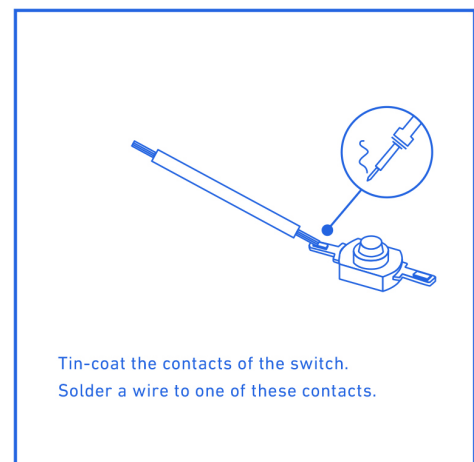
Step 2

- a) Remove a short stretch of insulation from the end of all wires.



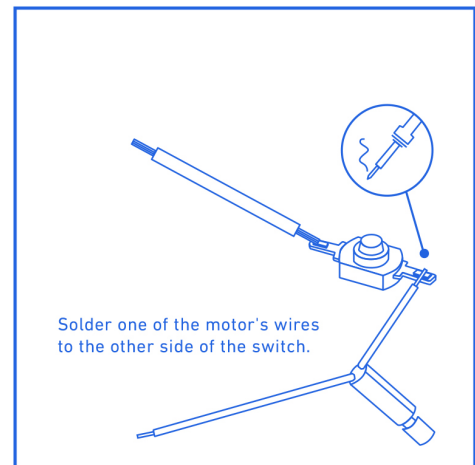
Step 3

- a) Tin-coat the contacts of the switch.
- b) Solder a wire to one of these contacts.



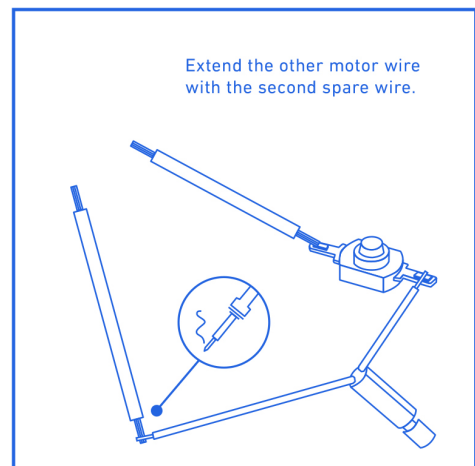
Step 4

- a) Solder one of the motor's wires to the other side of the switch.



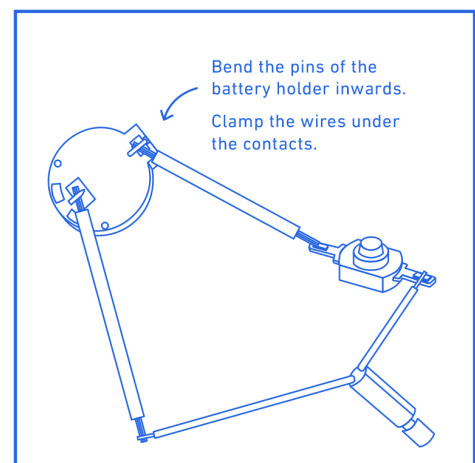
Step 5

- a) Extend the other motor wire with the second spare wire.



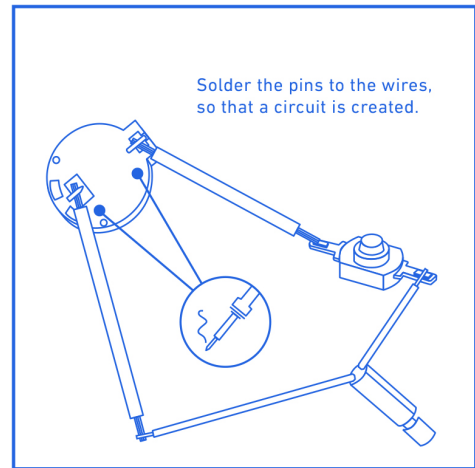
Step 6

- a) Bend the pins of the battery holder inwards
- b) Clamp the wires under the contacts.



Step 7

- a) Solder the pins to the wires, so a circuit is created.



Step 8

- a) Turn over the battery holder and insert the battery with + upwards
- b) Test it!

