




Switch Adapted Electric Water Gun

MAKER GUIDE

Required Components

1.	2.	3.	BOM <ol style="list-style-type: none"> 1. Ansee – Electric Water Gun 2. 3.5mm mono jack 3. 24 AWG wire
			

Required Tools

- Phillips screwdriver
- Wire strippers
- Soldering iron and solder
- Drill and 1/4" drill bit
- Flush Cutters

Required Personal Protective Equipment (PPE)

- Safety glasses

Assembly Instructions

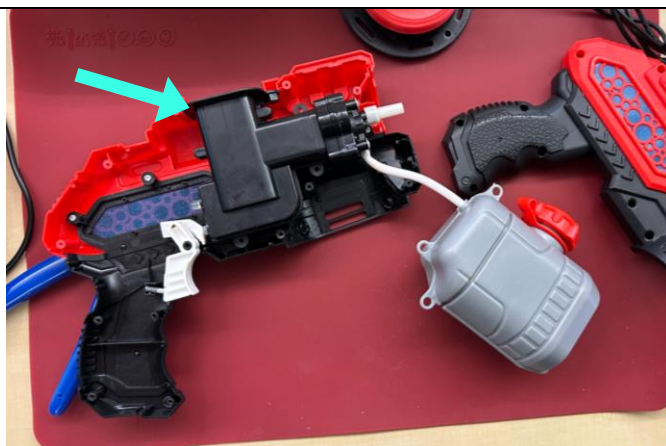
1. Open by the toy by removing the 13 screws securing the toy.



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2. Disconnect the black battery compartment from the rest of the toy.

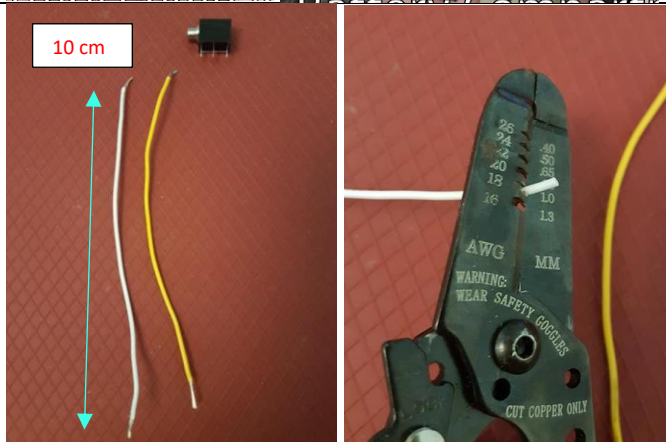


3. Pry open the battery compartment from the top.



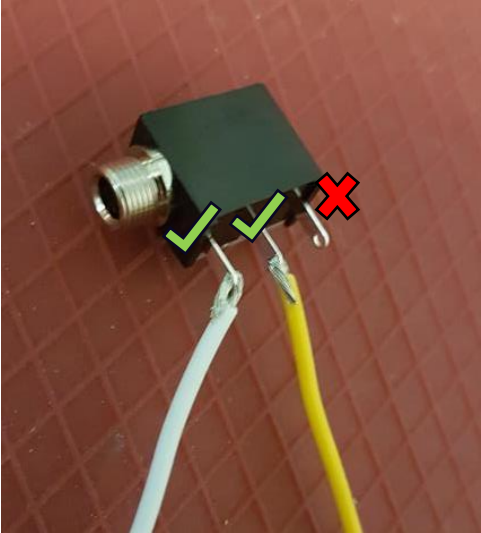



4. Cut 2 pieces of wire each 10cm in length

Strip both ends of both wires, leaving about .5 cm of exposed wire on each end





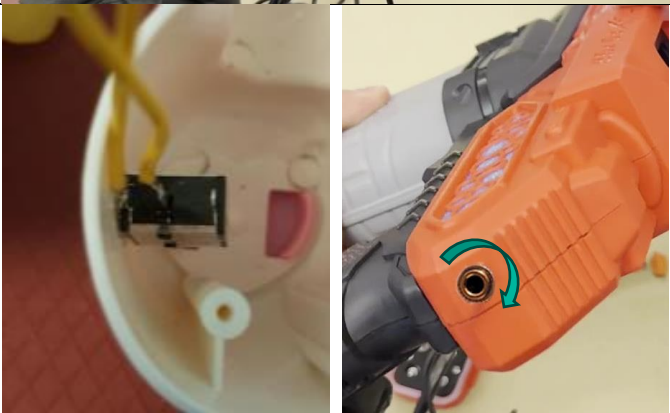
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<p>5. Pick one wire and hook the end onto the left lead on mono jack. Note the jack orientation.</p> <p>Repeat for the second wire with the middle lead.</p> <p>Solder wire to mono jack. Double check that you have the correct metal arms of mono jack, refer to picture</p>	
<p>6. Prior to soldering to the device, tin your 2 wires. The best way to do this is cover the exposed wire end in solder.</p>	
<p>7. Identify the black switch in the battery compartment.</p> <p>Solder the end of one wire prepared in Step 5 to the location depicted.</p>	
<p>8. Solder the end of the second wire prepared in Step 5 to the location depicted.</p>	

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<p>9. Reassemble the battery compartment, making sure the mono jack is on the outside.</p>	
<p>10. Use a drill to make a hole in the depicted location.</p>	
<p>11. Insert the mono jack into the hole from the inside of the casing.</p> <p>Secure it in place by twisting on the jack ring from the outside.</p>	
<p>12. Reassemble the toy and test with an assistive switch</p>	