

Switch Adapted Dinosaur Bubble Blower

ASSEMBLY GUIDE

Required Components

<p>1.</p> 	<p>2.</p> 	<p>BOM</p> <ol style="list-style-type: none"> 1. Amazon Dinosaur Bubble Blower 2. 3.5 mm Mono Jack and Nut 3. 22 AWG Wire 4. 4 AA Batteries
<p>3.</p> 	<p>4.</p> 	

Required Tools

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



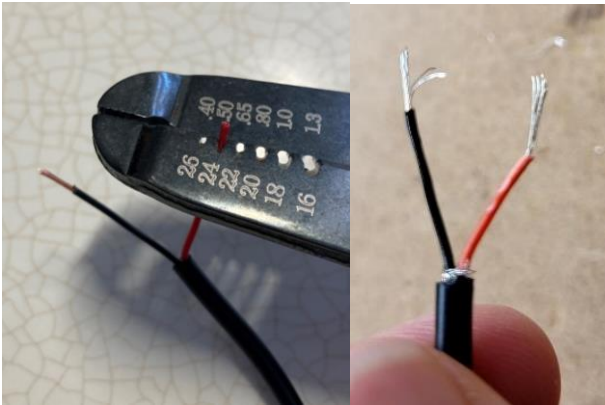

Required Personal Protective Equipment (PPE)

- Safety glasses

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Assembly Instructions

<ol style="list-style-type: none"> 1. Carefully remove the toy from its packaging without damaging it. Locate and remove the screws along the body of the toy. <p><i>*Note: keep screws, and keep track of where they came from if there are multiple different sized screws</i></p>	
<ol style="list-style-type: none"> 2. Cut 2 pieces of wire, each 10 cm long. 	
<ol style="list-style-type: none"> 3. Use wire strippers to strip approximately 0.5 cm off each end of the wires. 	
<ol style="list-style-type: none"> 4. Solder the two wires onto the front two tabs on the mono jack. 	

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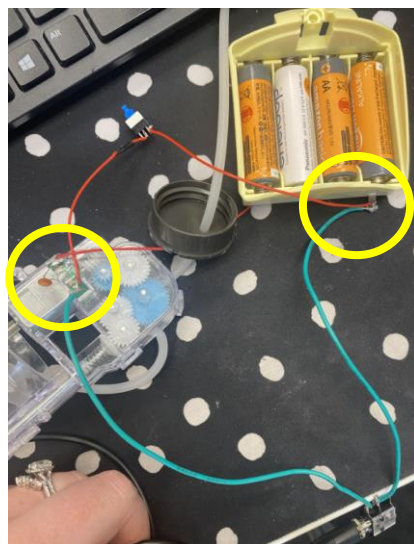
5. Tin the other ends of the wires by adding a small amount of solder to each wire.



6. With the other two remaining wires solder one onto the battery casing and the other onto the motor, as shown by the yellow circles.

It is now time to test the toy. Insert batteries into the battery compartment and an assistive switch into the mono jack. Test to make sure that the toy can be controlled using the original switch and the assistive switch.

Note: If the toy does not turn on, please check the soldered connections.



7. Using a 1/4" drill bit, drill a hole into the back of the dinosaur's head. Remove any loose plastic.

Remove the retaining ring from the mono jack and push the mono jack through the hole from the inside. Reinstall the retaining ring on the outside of the toy and tighten to secure.

Reassemble the toy using the screws set aside earlier.



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8. Test the toy again. If it is still working properly, repackage the toy and the adapted toy is complete!

