





Switch Adapted Stack 'n Spin Monkey Gears

MAKER GUIDE

Required Components

<p>1.</p> 	<p>2.</p> 	<p>BOM</p> <ol style="list-style-type: none"> 1. Playskool Stack 'n Spin Monkey Gears Toy 2. Female/Male Mono Cable 3. Cable Tie 4. AA Batteries (x3)
<p>3.</p> 	<p>4.</p> 	

Required Tools

- Flat head screwdriver
- Possibly a Triangle Screwdriver
- Wire strippers
- Soldering iron and solder
- No Clean Flux Paste
- Drill and 1/8" drill bit
- Glue Gun





Required Personal Protective Equipment (PPE)

- Safety glasses

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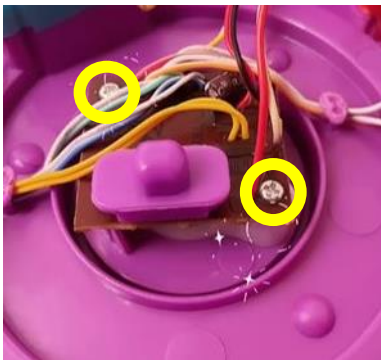



Assembly Instructions

<p>1. Flip the toy over and remove the screws on the back panel. Place screws in a safe space for reassembly.</p> <p>Note: Some of the screws may be a TA Triangle Screw that can be removed with a Triangle Head Screwdriver</p>	
<p>2. Carefully lift and remove the back panel of the toy.</p>	
<p>3. With a 1/8 drill bit, drill a hole on the side of the back panel.</p> <p>Note: Ensure you are drilling in a spot that won't impact reassembly.</p>	
<p>4. Thread the female cable through the pre-drilled hole.</p> <p>Note: some cables come pre-wire stripped. If not please wire strip your cables.</p>	

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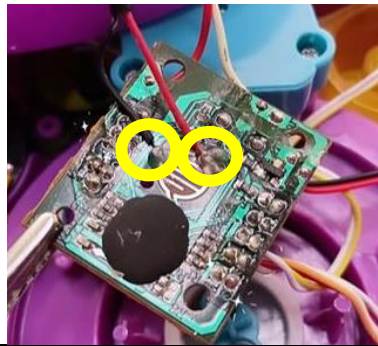

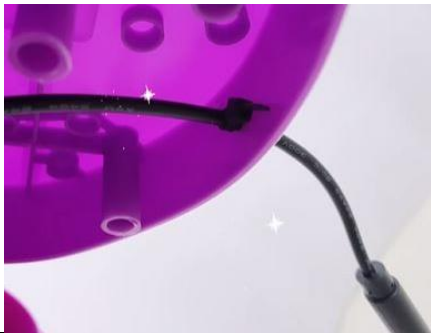

Gears

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<p>5. On the base of the toy find the circuit board and remove the two remaining screws and the pink power switch. Put the screws and switch in a safe space for reassembly.</p>	
<p>6. Turn the circuit board over. In the image you will see the button we will solder to by the circle on the image. There will be a silicone cover on it. Please remove.</p> <p>7. Dab flux on the two contact points. Add a small globe of solder to the two spots.</p>	
<p>8. Tin each exposed end of wire with solder.</p>	
<p>9. Solder the two wires to either side of the button contacts. Note: colour does not matter to each spot.</p>	

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<p>10. To help hold the connection add glue to the soldered points.</p>	
<p>11. Flip the circuit board right side up. Reinstall the two screws and the power switch.</p>	
<p>12. Add a small zip tie to the female cable to prevent it from being pulled out.</p>	
<p>13. Reassemble the screws.</p>	
<p>14. Test Toy!</p>	