# Required Components

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|  | 1. **A black pole with a white background     AI-generated content may be incorrect.** | **BOM**   1. Playskool Stack ‘n Spin Monkey Gears Toy 2. Female/Male Mono Cable 3. Cable Tie 4. AA Batteries (x3) |
| 1. 8 Inch Black Heavy-Duty Cable Tie - 100 Pack - Secure Cable Ties |  |

# 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

# Assembly Instructions

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| 1. Flip the toy over and remove the screws on the back panel. Place screws in a safe space for reassembly.   **Note: Some of the screws may be a TA Triangle Screw that can be removed with a Triangle Head Screwdriver** |  |
| 1. Carefully lift and remove the back panel of the toy. |  |
| 1. With a 1/8 drill bit, drill a hole on the side of the back panel.   Note: Ensure you are drilling in a spot that won’t impact reassembly. |  |
| 1. Thread the female cable through the pre-drilled hole.   Note: some cables come pre-wire stripped. If not please wire strip your cables. |  |
| 1. 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. |  |
| 1. 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. 2. Dab flux on the two contact points.   Add a small globe of solder to the two spots. |  |
| 1. Tin each exposed end of wire with solder. |  |
| 1. Solder the two wires to either side of the button contacts.   Note: colour does not matter to each spot. |  |
| 1. To help hold the connection add glue to the soldered points. |  |
| 1. Flip the circuit board right side up. Reinstall the two screws and the power switch. |  |
| 1. Add a small zip tie to the female cable to prevent it from being pulled out. |  |
| 1. Reassemble the screws. |  |
| 1. Test Toy! |  |