

Switch Adapted Paint Spin Art Machine

MAKER GUIDE

Required Components

<p>1.</p> 	<p>2.</p> 	<p>BOM</p> <ol style="list-style-type: none"> 1. Dan&Darci Paint Spin Art Machine 2. 1 Mono jack and nut 3. 22 AWG Wire 4. 4 AA Batteries
<p>3.</p> 	<p>4.</p> 	

Required Tools

- Phillips Screwdriver
- Wire stripper
- Flush cutter
- Soldering iron and stand
- Drill and ¼ inch bit

Required Personal Protective Equipment (PPE)

- Safety Glasses

Switch Adapted Paint Spin Art Machine

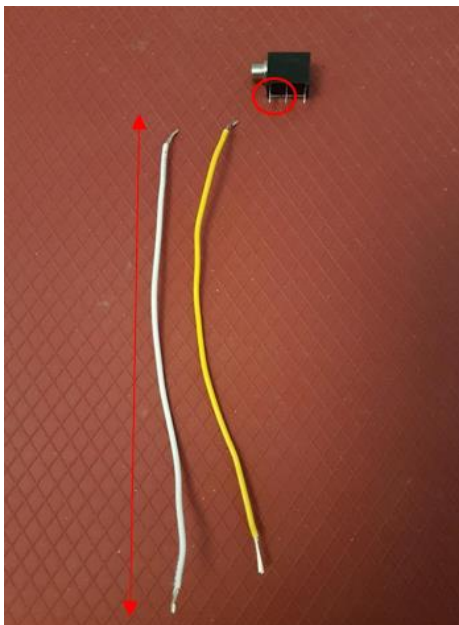
MAKER GUIDE

Step 3



- After the screws are out, you can gently pull the toy open. It will not come completely apart, but enough to access the inside of the toy.
- Locate the original on/off switch and pull it out of its original spot

Step 4

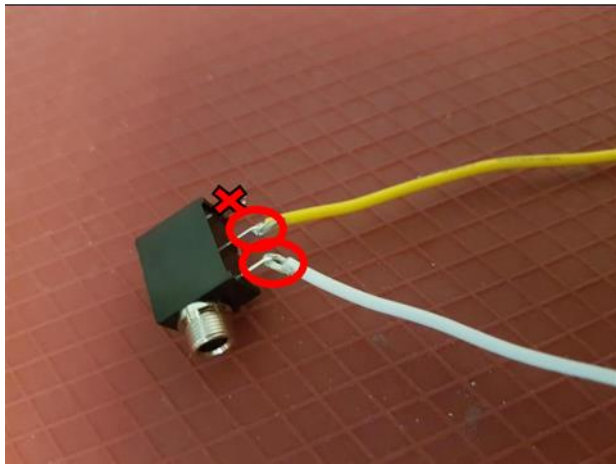


- Cut two pieces of wire about 15 cm long. Using wire strippers, remove the plastic insulation from the last 1 cm on both ends of each wire

Switch Adapted Paint Spin Art Machine

MAKER GUIDE

Step 5



- Pick one wire, slide exposed wire into first metal arm on mono jack (the arm closest to the circular jack)
- With second wire, slide one end of exposed wire into the middle metal arm on mono jack
- Solder wire to mono jack
- Please Note: Check that you have the correct metal arms of mono jack, refer to picture

Step 6

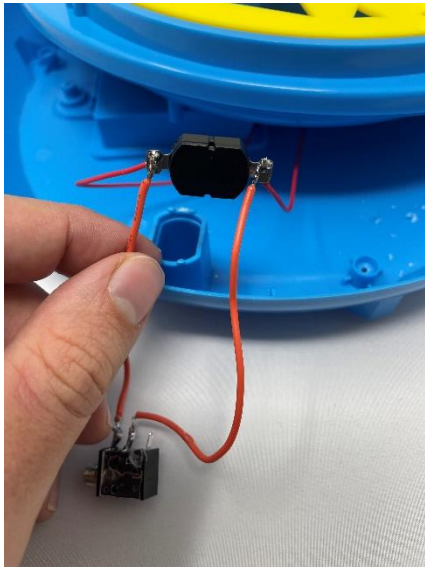


- Tin the ends of your wire. The best way to do this is cover the exposed wire end in solder
- This will help you stick the wires to an existing spot where there is solder

Switch Adapted Paint Spin Art Machine

MAKER GUIDE

Step 7



- You will now connect the wires to the original switch
- While holding one wire end (which you just tinned) onto the metal tab, use your iron to heat up the original solder and the new solder, merging the solder
- Let the solder dry, leaving the original wire and new wire attached to the original switch

Important: Add batteries and test that your toy works with your assistive switch

Step 8

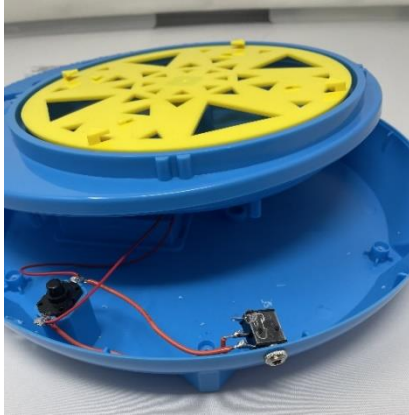


- Drill a hole in the plastic enclosure with a ¼" drill bit, in the location noted in the picture

Switch Adapted Paint Spin Art Machine

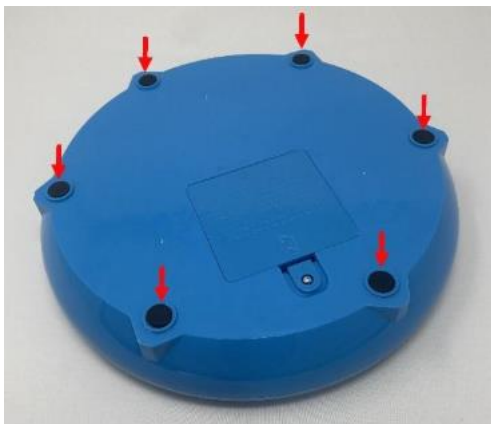
MAKER GUIDE

Step 9



- Push the jack through the enclosure and install the Jack Nut on the outside
- This will keep the jack in place during use

Step 10



- Place the yellow switch cap, then using the Phillips head screwdriver, reinstall the six screws

Switch Adapted Paint Spin Art Machine MAKER GUIDE

Step 11



- Carefully re-box the toy into its original packaging and secure the top flap with Clear Tape.