# Required Components

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|  | 1. A small black box with a silver ring     AI-generated content may be incorrect. | **BOM**   1. Dan&Darci Paint Spin Art Machine 2. 1 Mono jack and nut 3. 22 AWG Wire 4. 4 AA Batteries |
|  | 1. One duracell batteryOne duracell batteryOne duracell batteryOne duracell battery |

# Required Tools

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

# Required Personal Protective Equipment (PPE)

* Safety Glasses

# Assembly Instructions

## Step 1

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|  | * Carefully cut the tape and open the box * Set the paints and markers aside, we will reassemble the kit once the toy is adapted |

## Step 2

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|  | * On the bottom of the toy, locate the black foam pads, lift these up and set aside * Utilizing a screwdriver, turns screws indicated in the red arrows to remove bottom covering * Set screws aside in a safe place |

## Step 3

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|  | * 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

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|  | * 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 |

## Step 5

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|  | * 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

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|  | * 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 |

## Step 7

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|  | * 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

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|  | * Drill a hole in the plastic enclosure with a ¼” drill bit, in the location noted in the picture |

## Step 9

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|  | * 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

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

## Step 11

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