

# Boppin' Beaver Switch Adapted Toy

## ASSEMBLY GUIDE

### Required Components



### BILL OF MATERIALS

- |          |                         |
|----------|-------------------------|
| <b>1</b> | Boppin' Beaver Linkimal |
| <b>2</b> | Mono jack               |
| <b>3</b> | Wire                    |

### Required Tools

- Drill with ¼" drill bit
- Wire Strippers
- Flush Cutters
- Phillips screwdriver
- Soldering Iron
- Solder
- Ruler

### Required Personal Protective Equipment (PPE)

- Safety Glasses

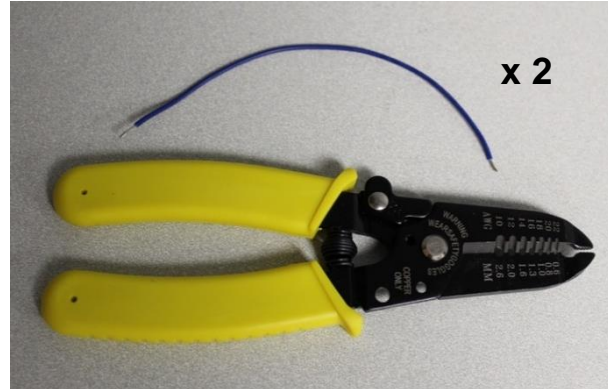
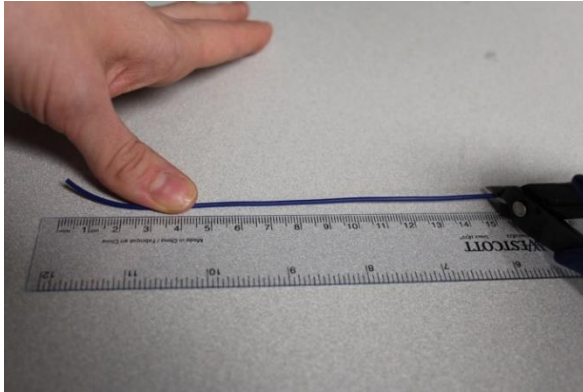
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### Assembly Instructions

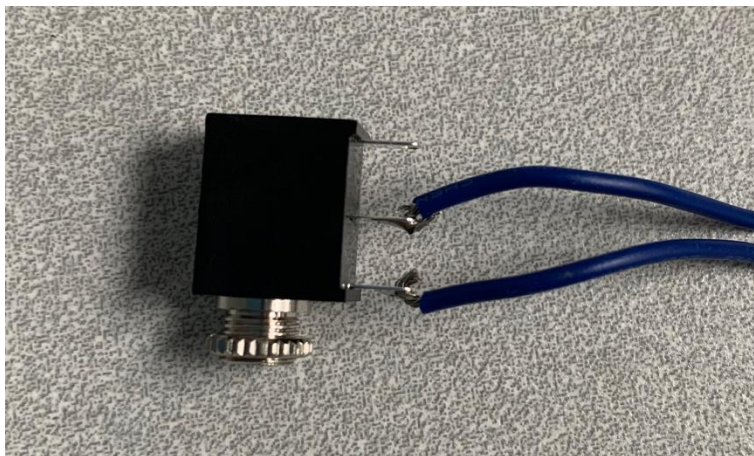
#### Step 1

Cut 2 lengths of wire about 11cm long. Strip 0.5cm of the insulation off each end of the wire.



#### Step 2

Solder a wire to the first leg of a mono jack, solder a second wire to the second leg of the mono jack.



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### Step 3

Carefully take the Boppin' Beaver out of the packaging without damaging it. The toy will be put back in the packaging once adapted.



### Step 4

Remove the 4 screws from the body of the beaver including the one hidden in this picture by the beaver's tail.

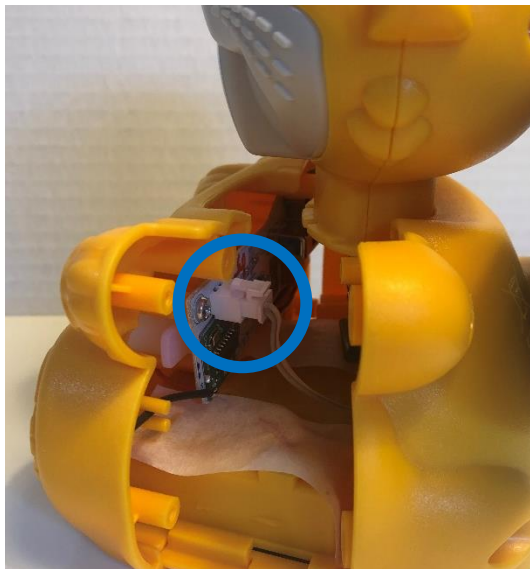


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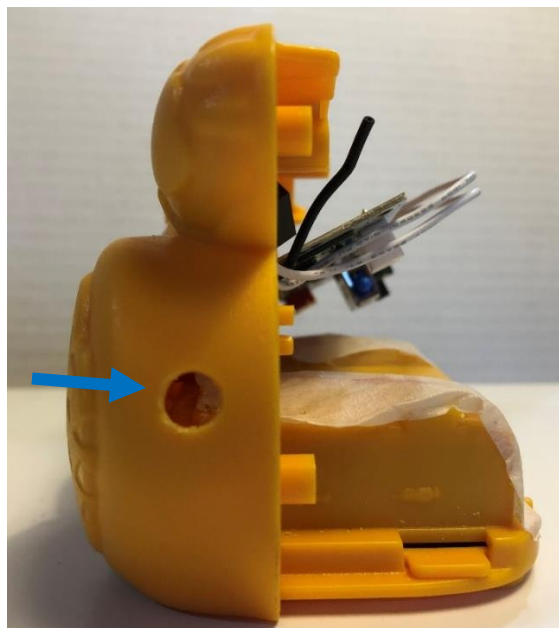
### Step 5

Disconnect the white speaker wire that is holding the 2 halves of the beaver together. Set the half of the beaver with the head attached aside.



### Step 6

Drill a 1/4" hole in the side of the beaver.



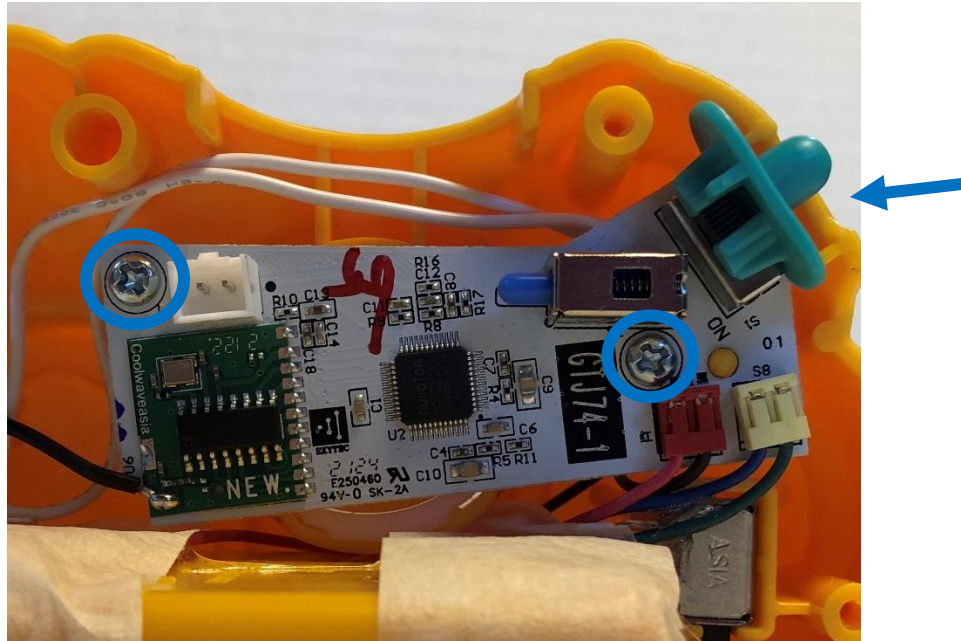


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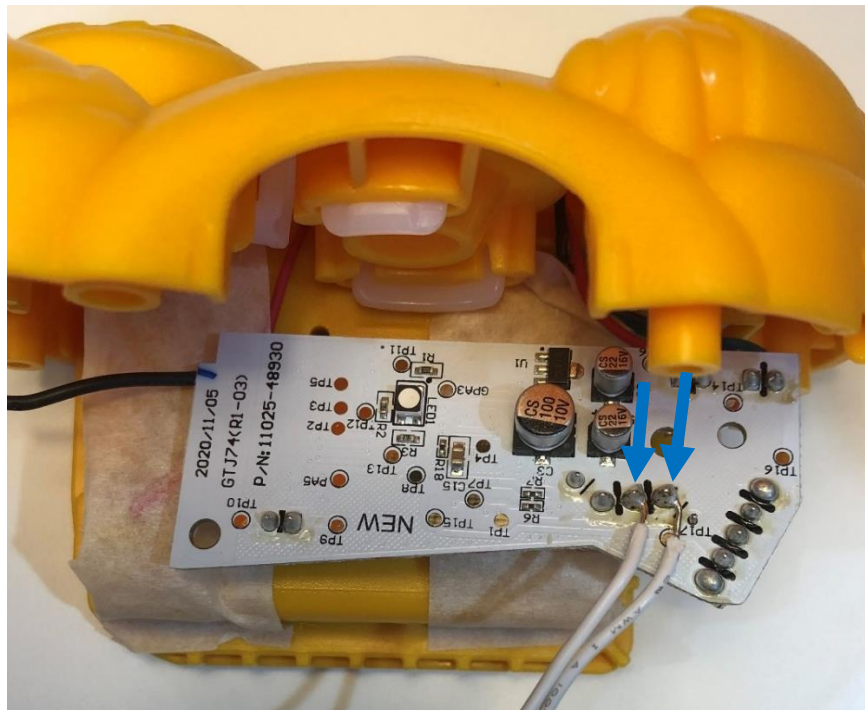
### Step 7

Remove the 2 screws holding down the circuit board. Remove the turquoise switch and set it aside.



### Step 8

Solder the other ends of the wires attached the mono jacks to the locations shown below.

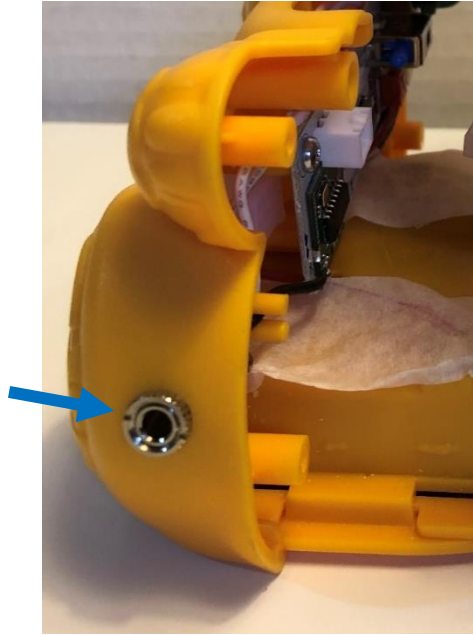


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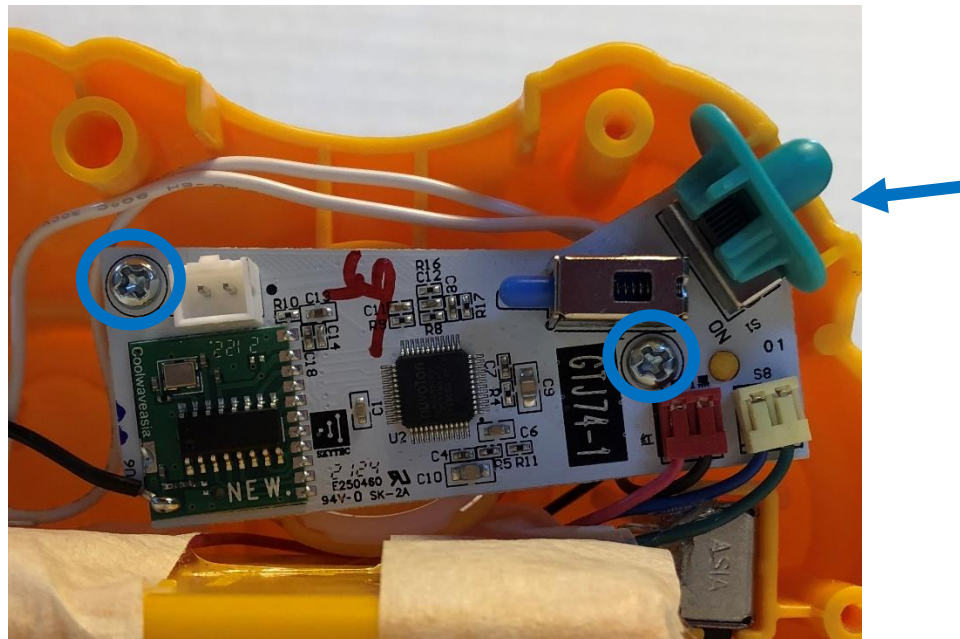
### Step 9

Remove the nut from the mono jack and push the mono jack through the hole from the inside. Reinstall the nut and tighten to secure the mono jack.



### Step 10

Reinstall the turquoise switch and screw in the 2 screws into the circuit board.

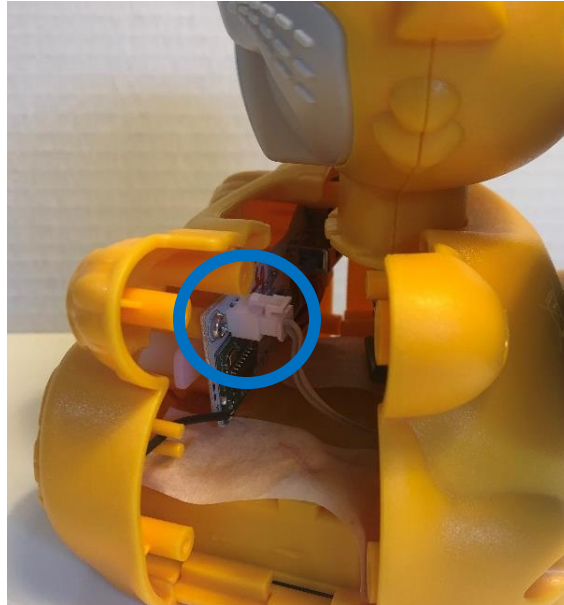


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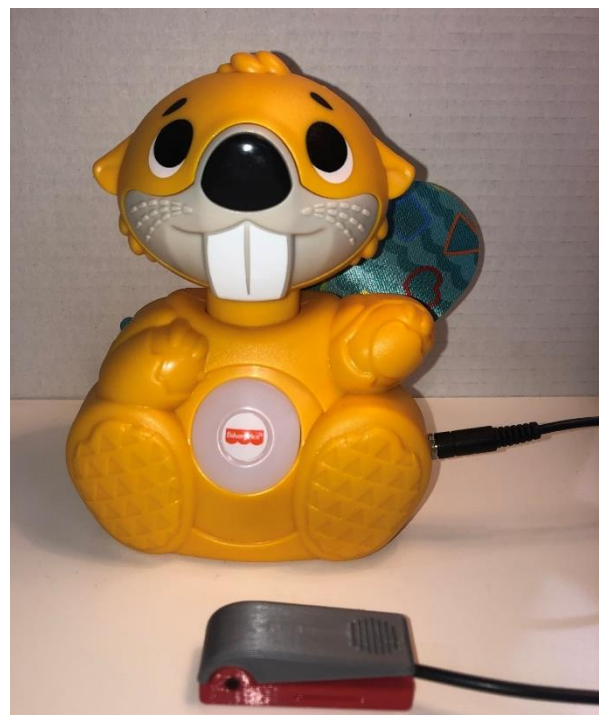
### Step 11

Reattach the speaker wire and screw in the 4 screws into the back of the beaver.



### Step 12

Put the Boppin' Beaver back into the original packaging.



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