The Claw Circuit Board Replacement

If you are experiencing total failure of your...

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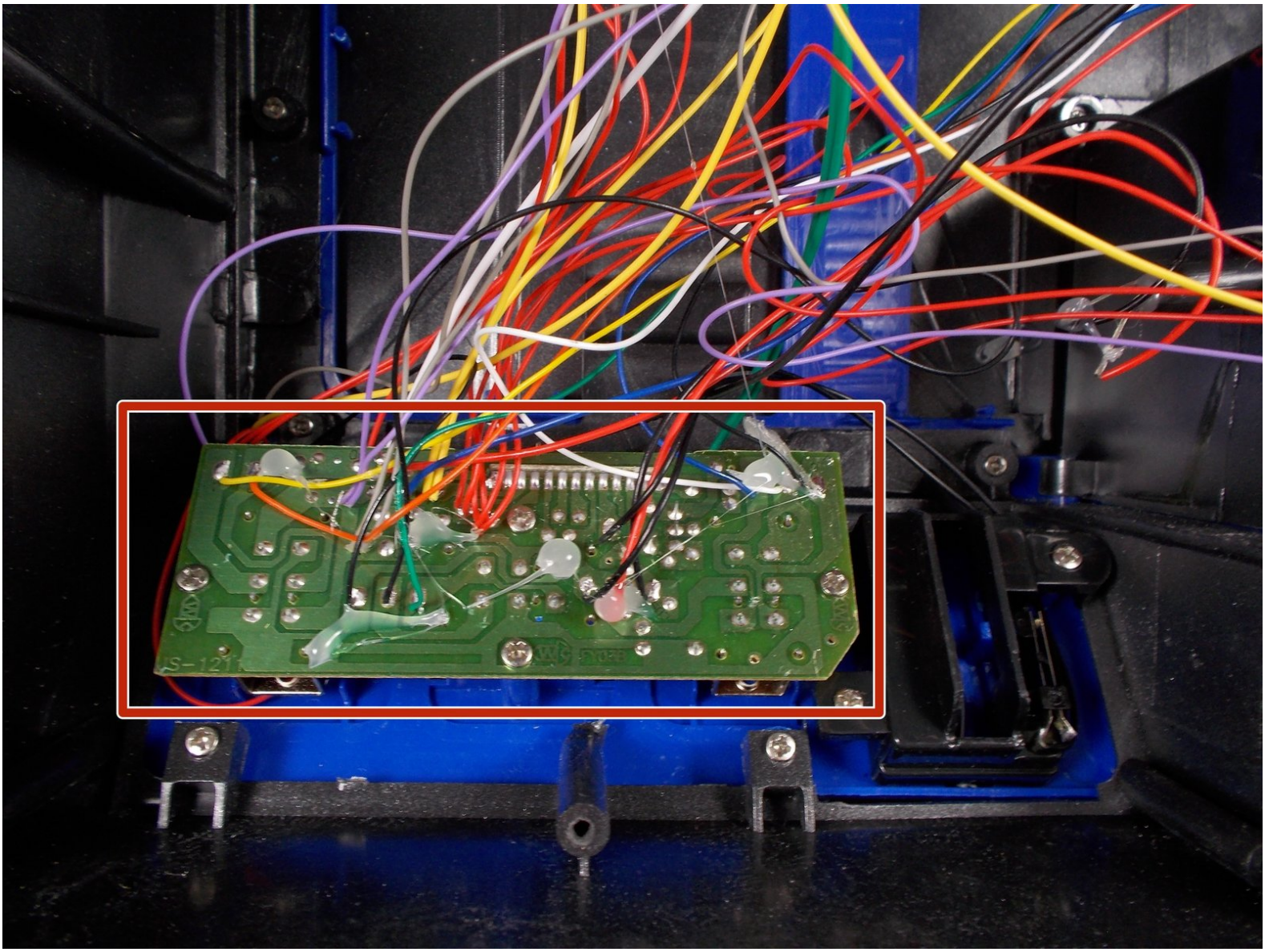


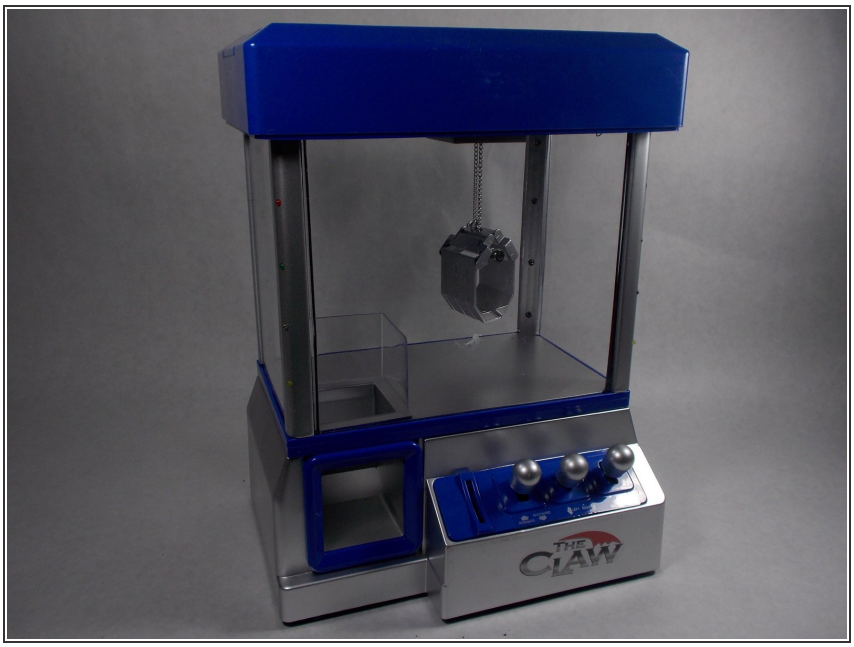
INTRODUCTION

If you are experiencing total failure of your claw machine and you are sure that the batteries and power switch are functioning properly, it is likely that the circuit board is damaged. In this case you will need to open the bottom cover of the claw machine in order to access and remove the faulty board. This replacement guide provides user friendly steps to assist users in the replacement of the circuit board.

TOOLS:

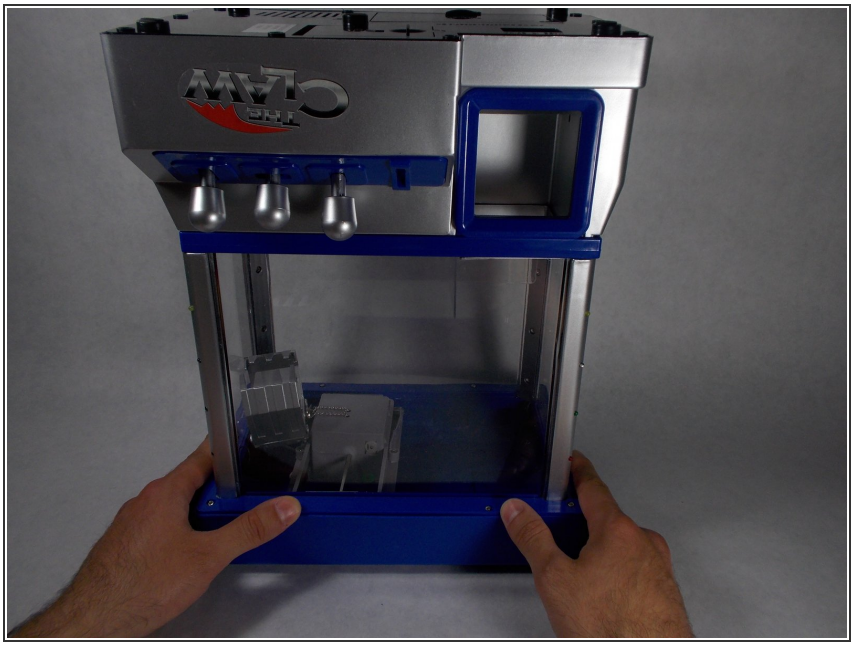
- Soldering Iron (1)
- Phillips #1 Screwdriver (1)

Step 1 — Bottom Cover



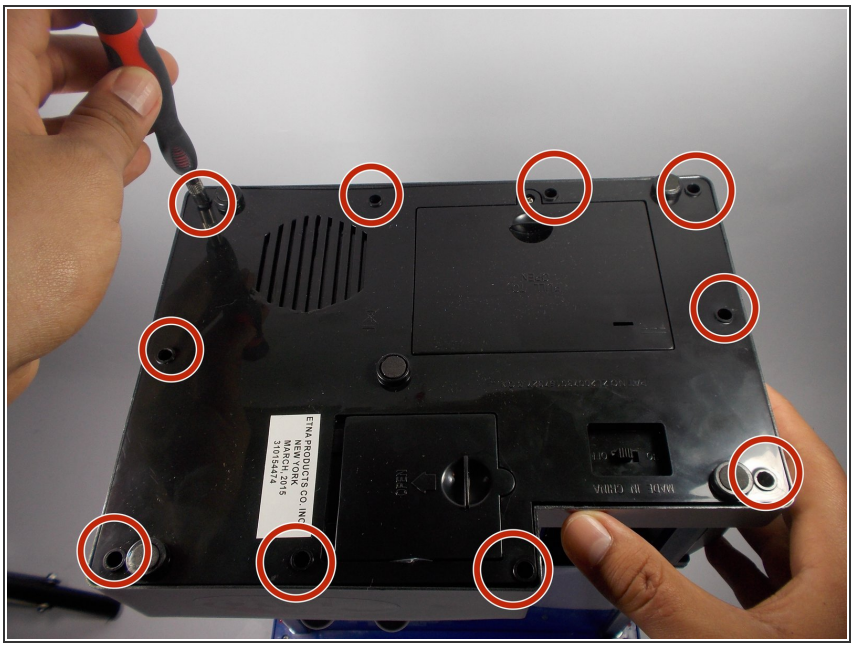
- Place The Claw in upright position with controls facing you.

Step 2



- Gently flip The Claw machine upside down with the controls facing you.

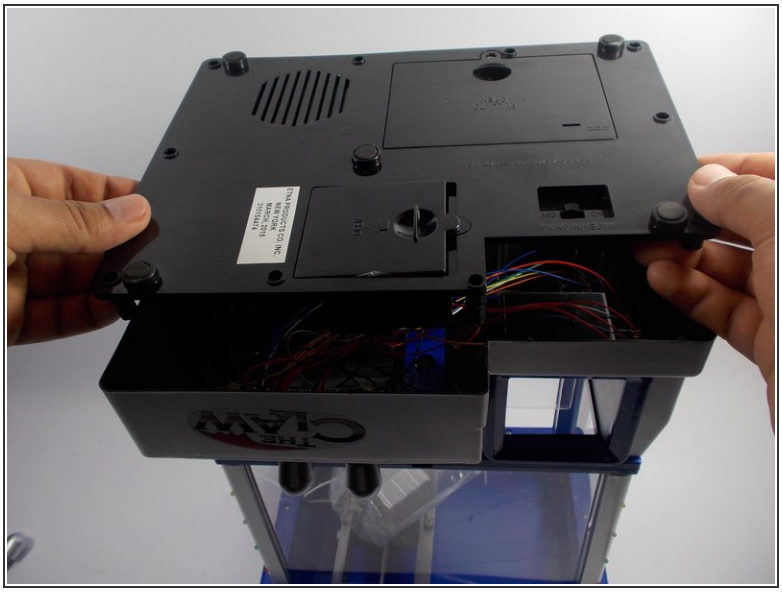
Step 3



- Remove all ten screws from the bottom cover using a Phillips #1 screwdriver.

You will need a screwdriver with a long thin neck to fit in the screw holes.

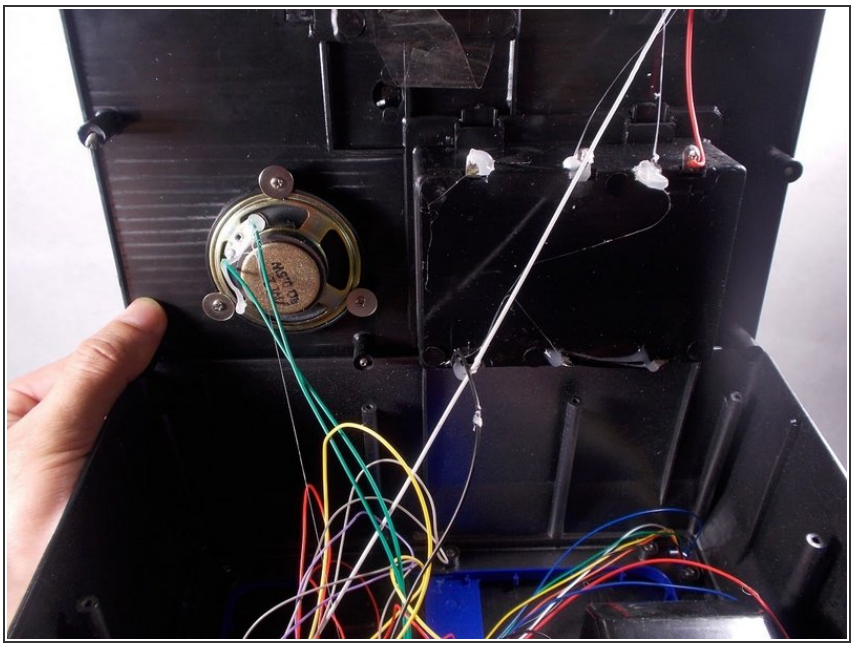
Step 4



- Slide the bottom cover off to the side.

Do not completely remove bottom cover as it is still connected to wires.

Step 5

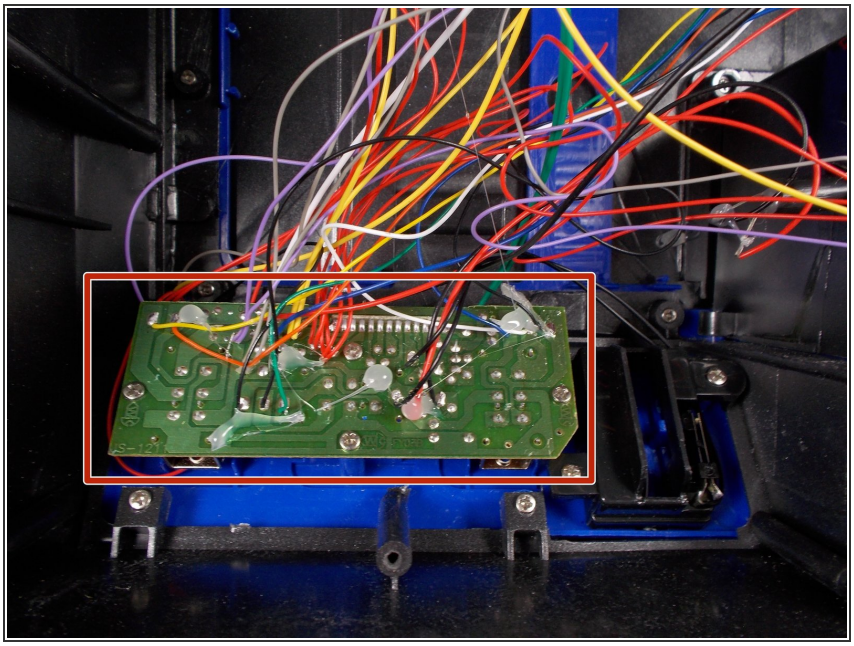


Complete removal of the bottom cover is not necessary, however if you feel you need to take the cover completely off the machine to complete your task it can be done by the following process.

- You will need to cut the two green wires attached to the music player.
- Then you will need to cut the white wire that leads to the battery compartment.
- Finally you will need to cut the black wire leading to the battery compartment as well.

The complete removal of the bottom cover requires the cutting and soldering of wires. For help with soldering reference: How To Solder and Desolder Connections.

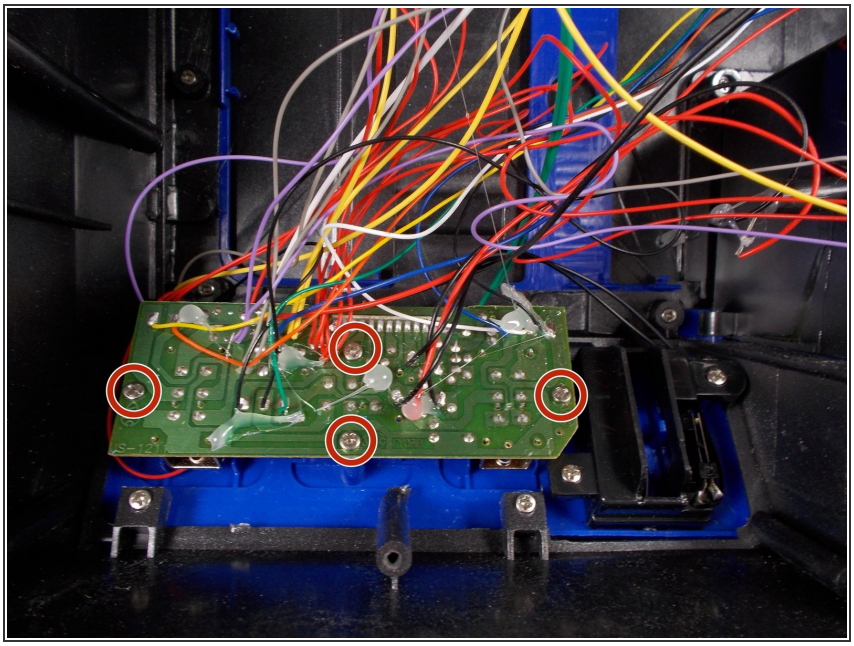
Step 6 — Circuit Board



Once you have removed the bottom cover you should have clear access to the circuit board.

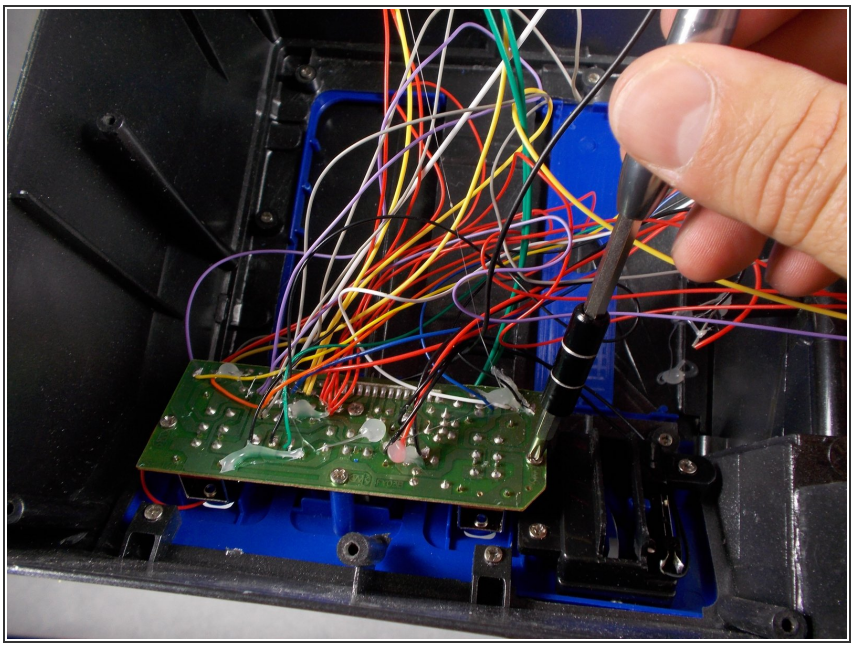
- Locate the circuit board in the bottom of The Claw machine.

Step 7



- Locate the screws that hold the circuit board in place.

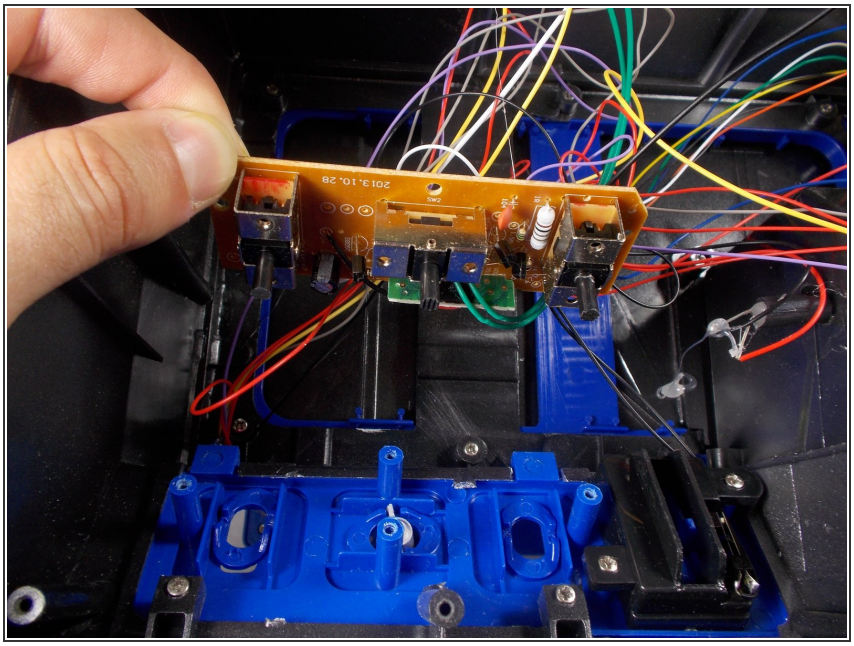
Step 8



⚠ Be sure to turn off the device and remove the batteries before reaching into the device with your hands or any metal tools.

- Using a Phillips #1 screwdriver, remove the four 6mm that hold the circuit board in place.
- You will also need to cut all of the wires leading to the circuit board to completely remove it.

Step 9



- Remove the circuit board.

The removal of the circuit board requires the cutting of existing wires and soldering new wires to the new board. For help with soldering reference: How To Solder and Desolder Connections.

To reassemble your device, follow these instructions in reverse order.