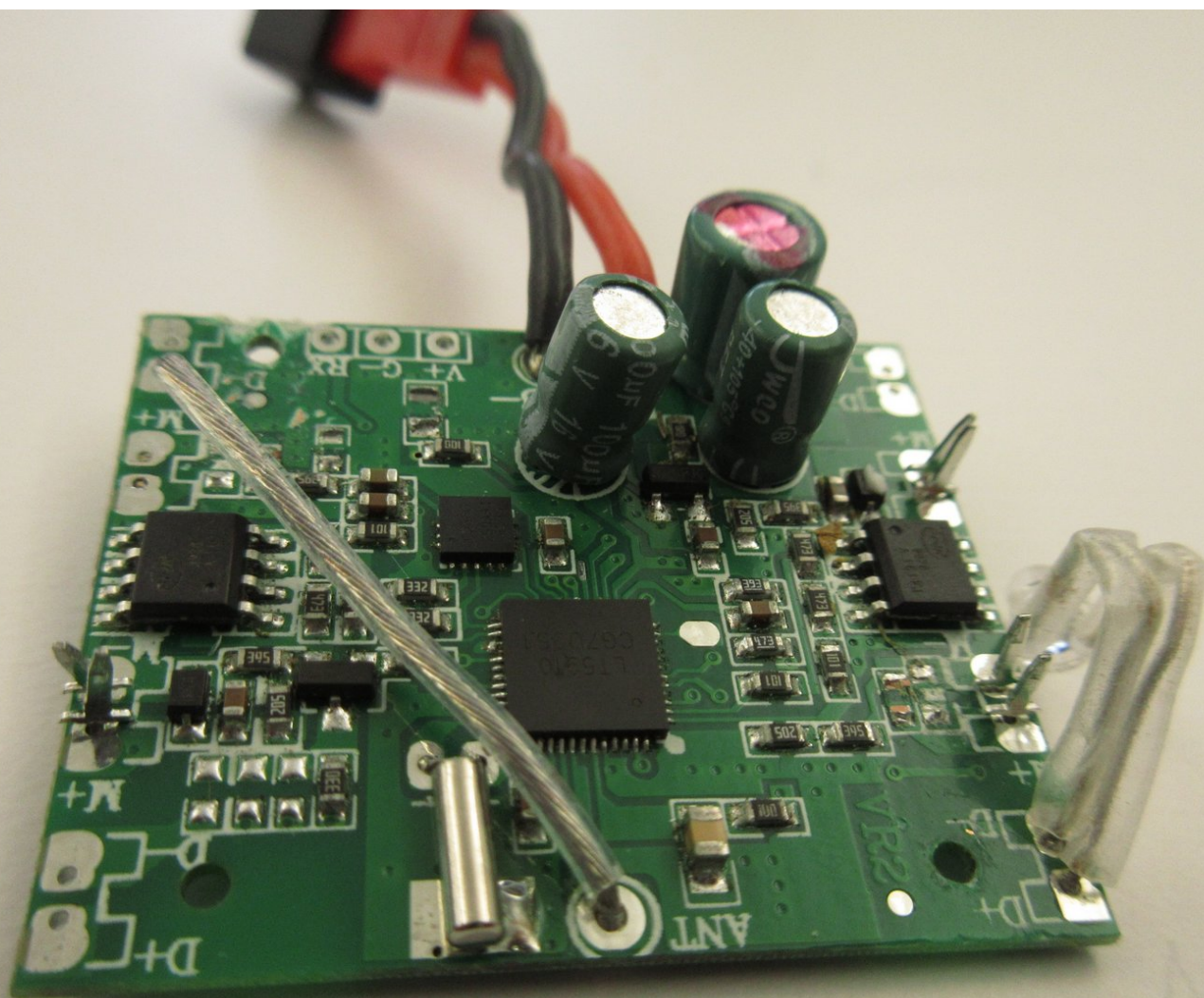




# Carrera Mario Copter Motherboard Replacement

With a damage motherboard your Mario Copter will not function.

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## INTRODUCTION

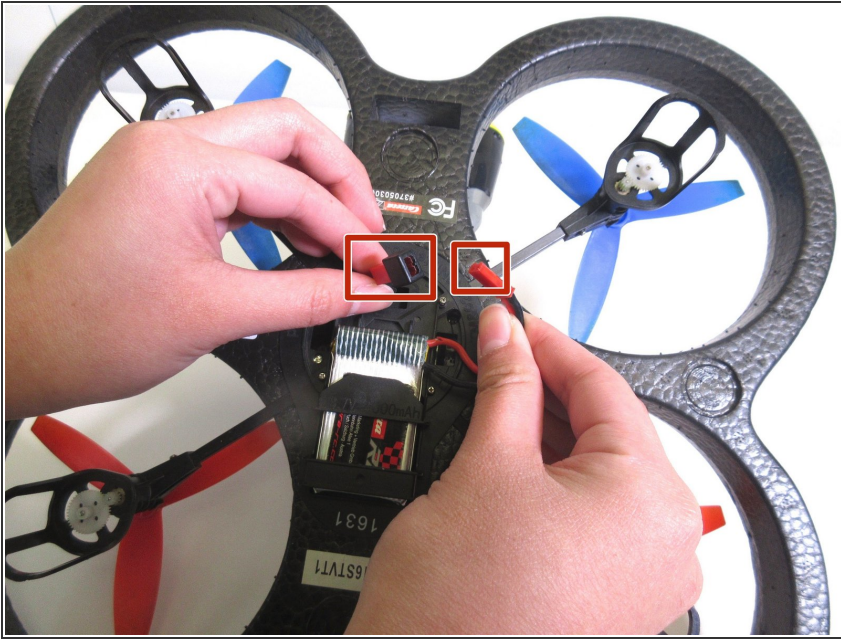
The motherboard is an essential part of the Mario copter, without it the copter does not work. if it is damage or broken, this guide will show you how to remove it properly.



### TOOLS:

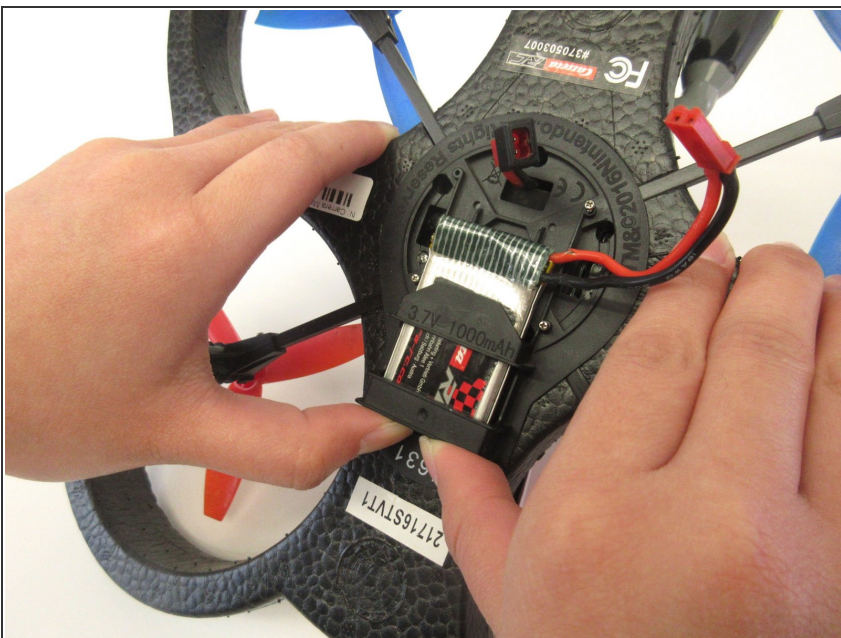
- [Phillips #00 Screwdriver](#) (1)
  - [Tweezers](#) (1)
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## Step 1 — Battery



- Flip the quadcopter over so that the underside of the device is facing up.
- Unplug the battery cable from the socket on the quadcopter.

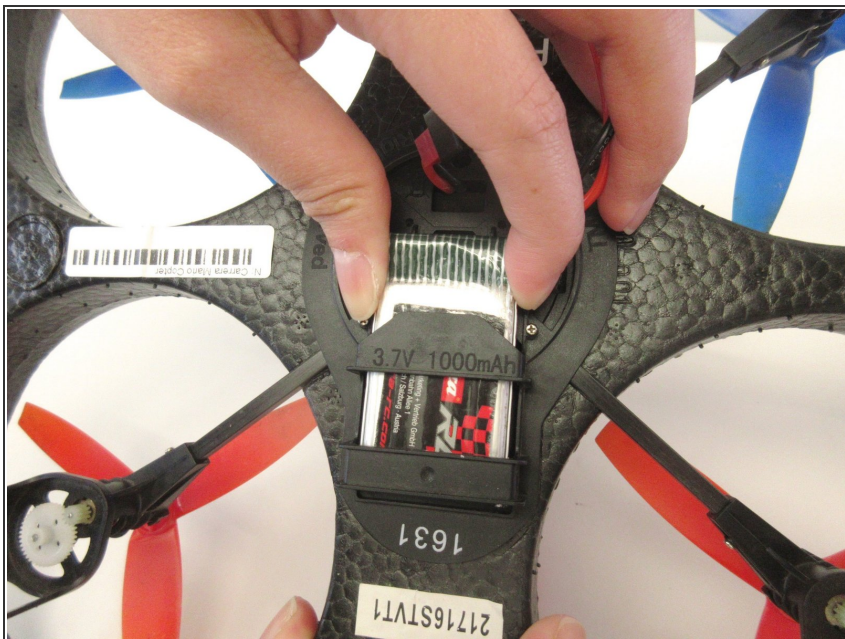
## Step 2



- Push the battery upward with your thumbs to loosen it from the tight slot until your thumbs can not reach the bottom of the battery anymore.

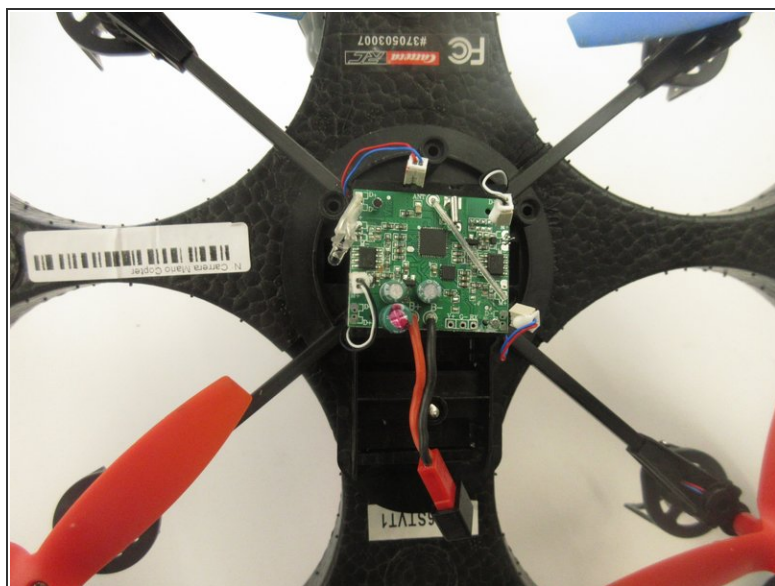
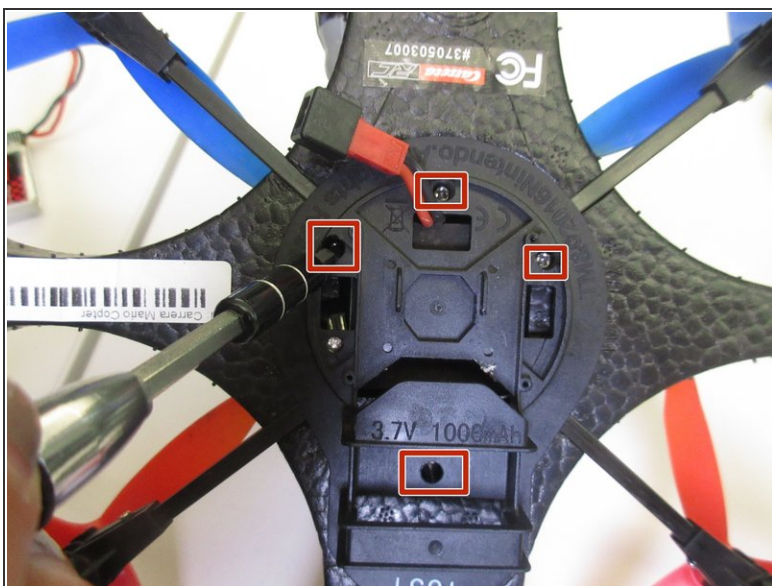


## Step 3



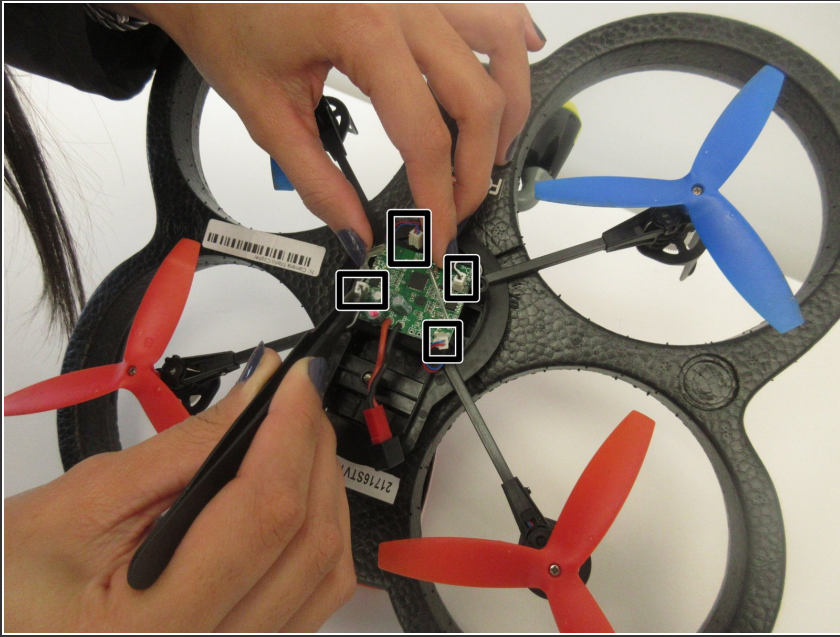
- Pull the battery away from the slot to remove it.

## Step 4 — Motherboard



- Using the Phillips # PH00 screwdriver unscrew the four 7.1mm screws in the black circle base.
- Remove the entire black circle base and flip it over so you can see the motherboard.

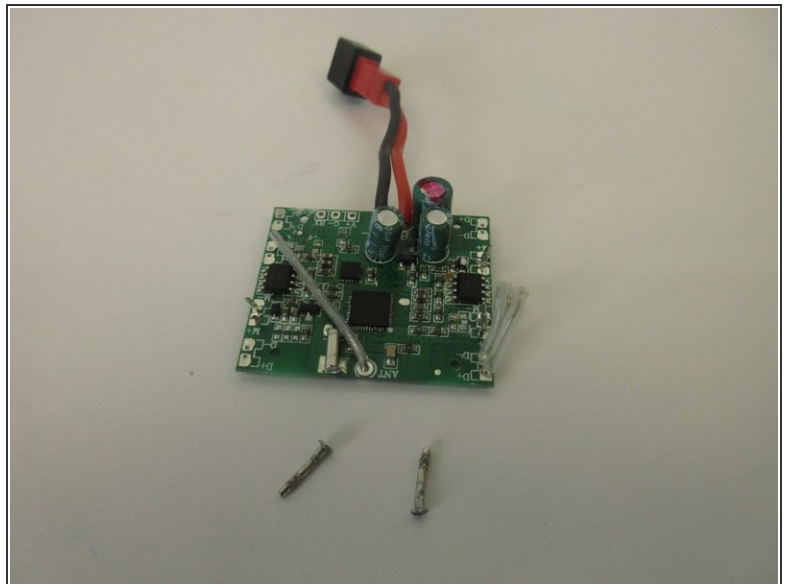
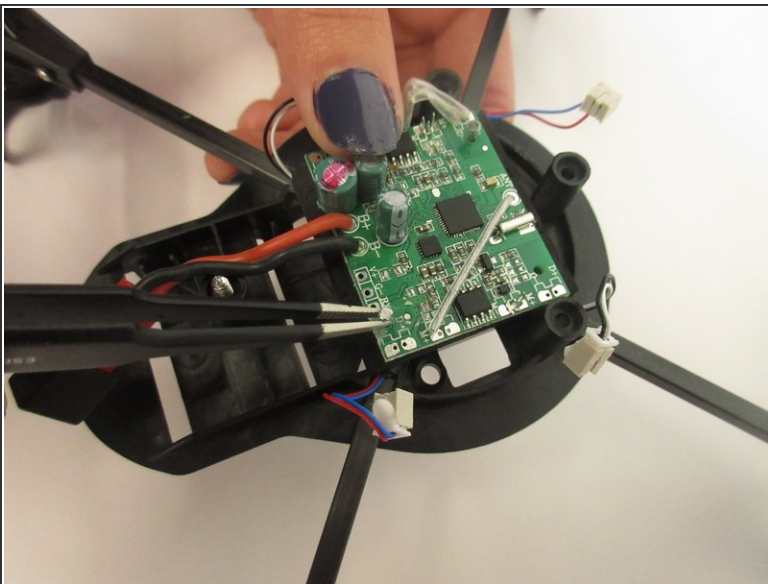
## Step 5



- Using tweezers remove the four white heads wires from the motherboard.

⚠ Be careful not to cut the wires plugged to the little white heads. Grab onto the plastic connectors if possible.

## Step 6



- Using the tweezers remove the golden head screws that hold down the motherboard.
- Hold strong the motherboard and pull up strong the head screws.

⚠ Be careful not to hurt yourself. You will need to try several times to remove those.

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