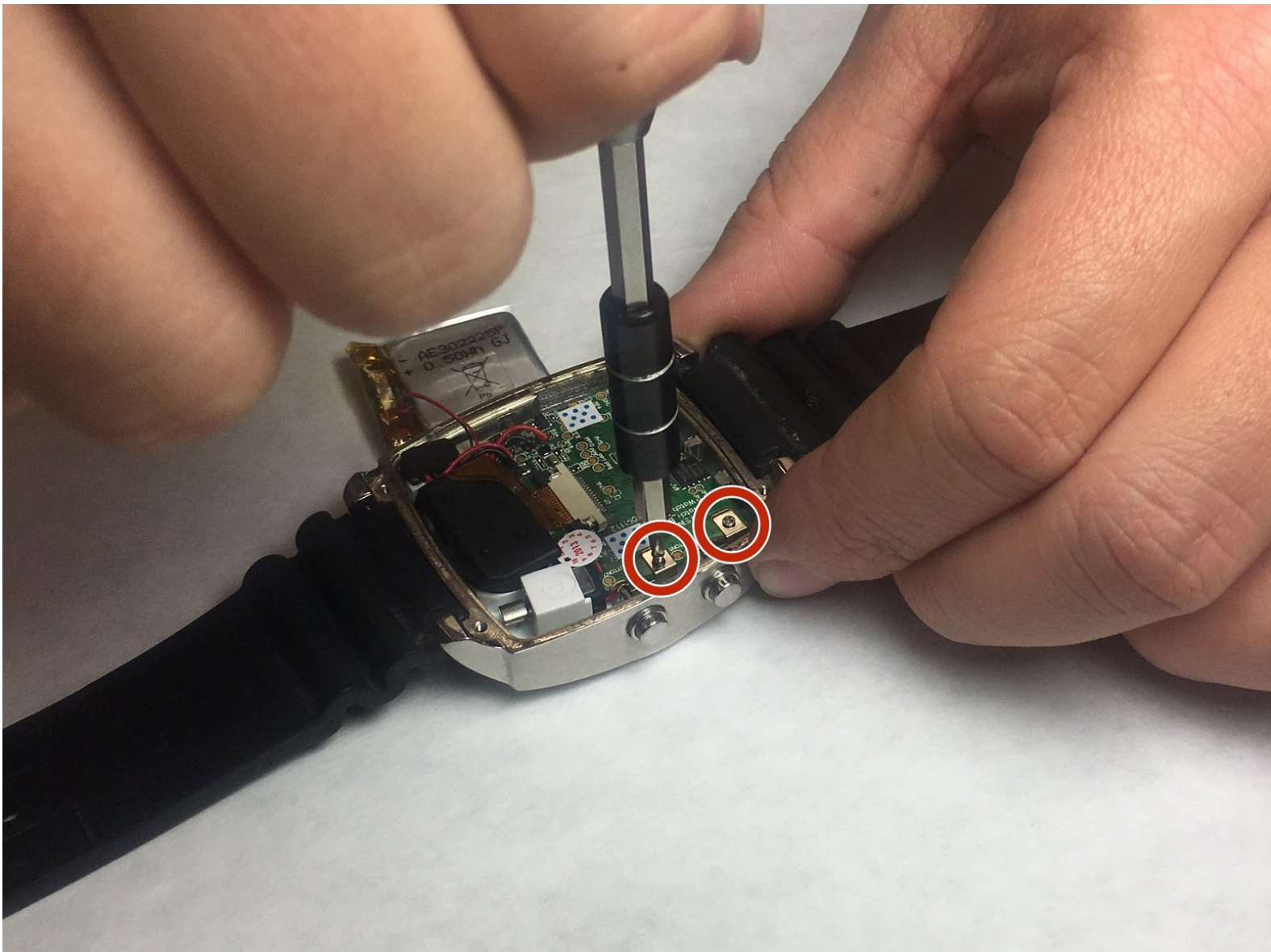# Martian Victory Motherboard Replacement

Removal of the motherboard.

Written By: Dominic Coffey

INTRODUCTION
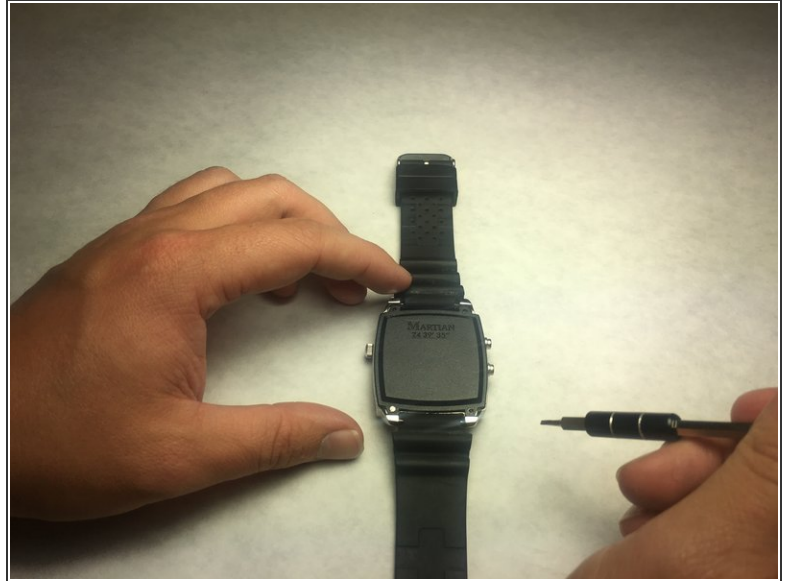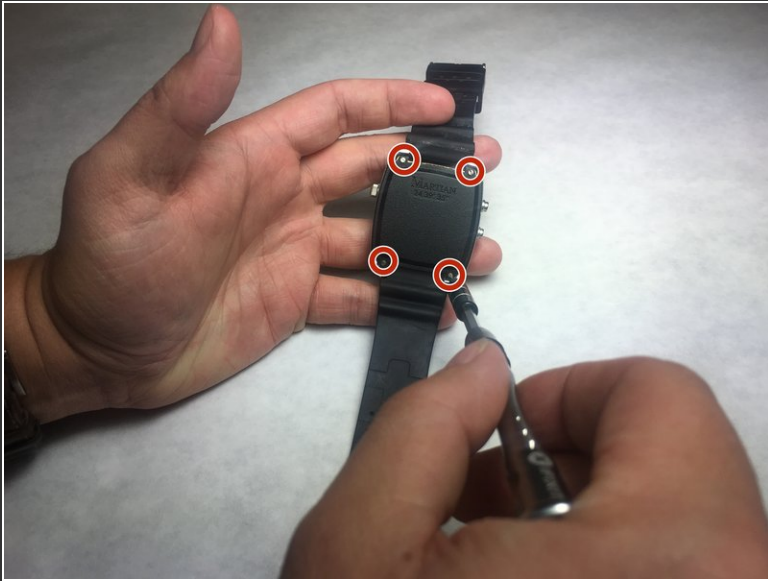
How to access and remove the motherboard of the Martian Smartwatch

🔧 TOOLS:

- 1.5 mm Flathead Screwdriver (1)
- iFixit Opening Tools (1)
- Phillips #00 Screwdriver (1)
- Tweezers (1)
- Spudger (1)

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Step 1 — Back Plate

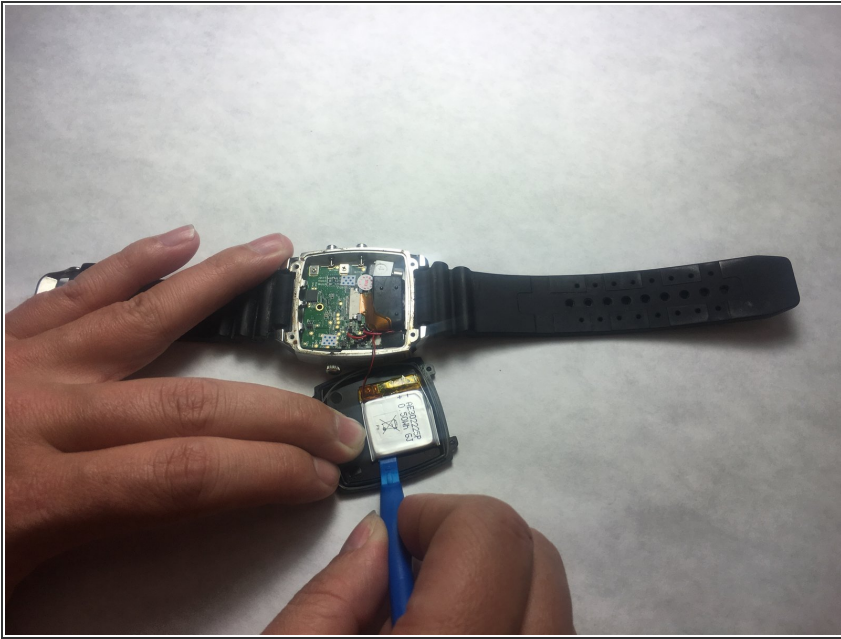

- Unscrew the four 3.4 mm flat head screws

Step 2

- Carefully lift the back plate off the watch. You will notice a lithium battery and rubber gasket attached to the back plate.
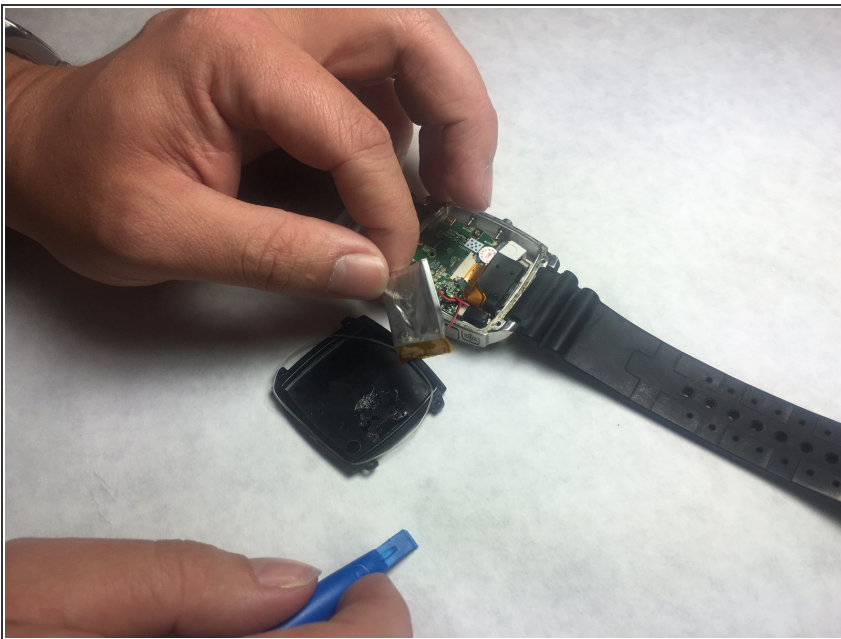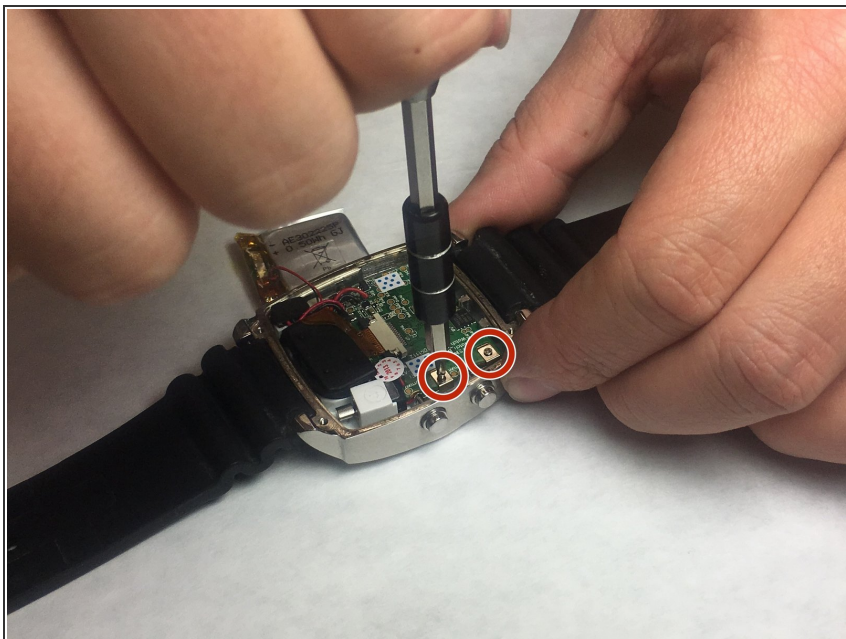
Step 3 — Lithium Battery

- (i) If not replacing lithium battery, skip down two steps.

- Using the plastic removal tool, pry the battery from the backing plate. The battery is simply attached with glue.
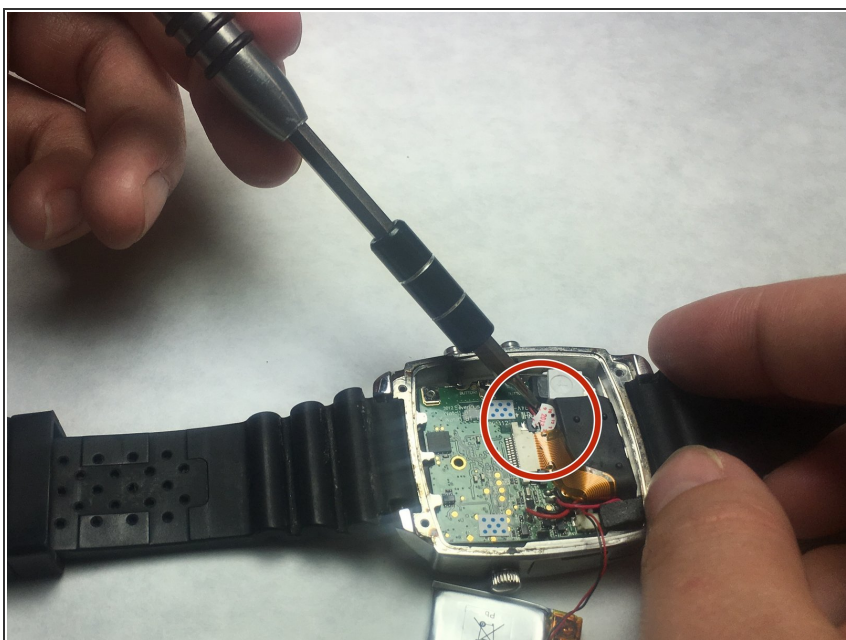
Step 4

- Desolder the battery connections from the motherboard. Learn how to solder components here!

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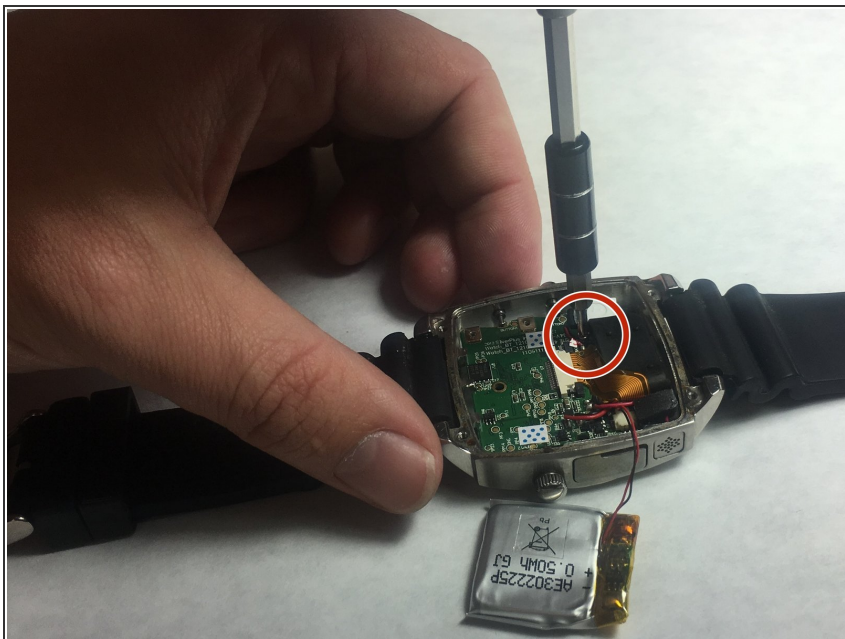
Step 5 — Motherboard

- Use PH00 screw driver to remove two 2.4mm Phillips head screws.

Step 6

- Use a spudger or tweezers to remove a white sticker that covers a Phillips head screw.

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Step 7

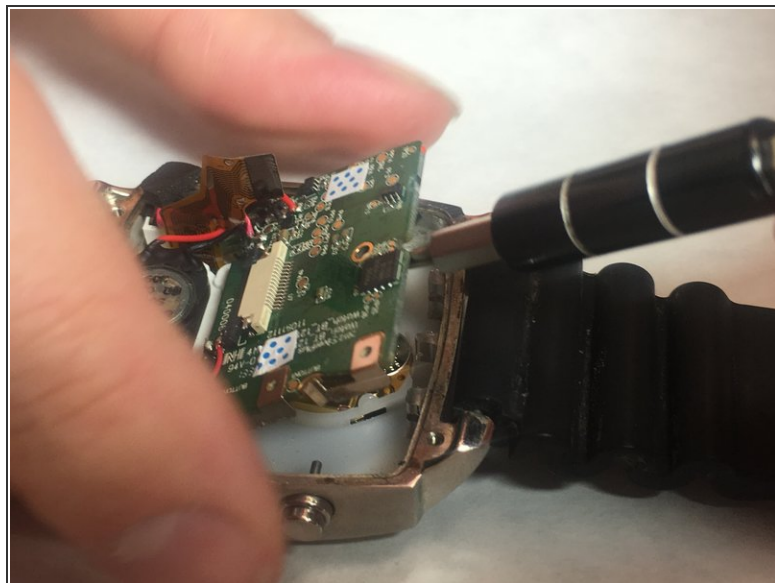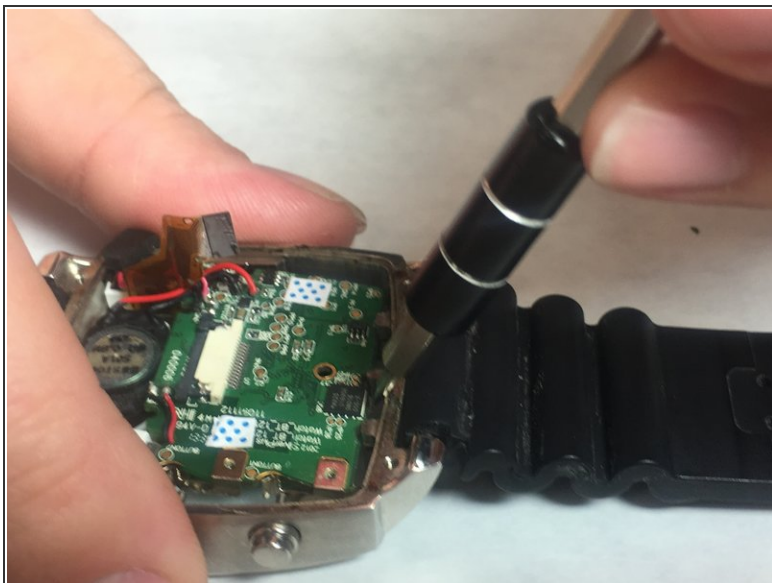- Use PH00 screwdriver to remove 5.2mm Phillips head screw

Step 8
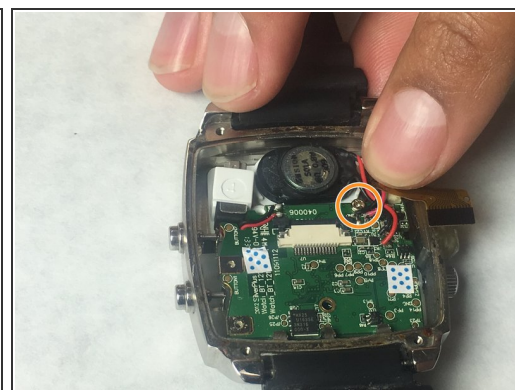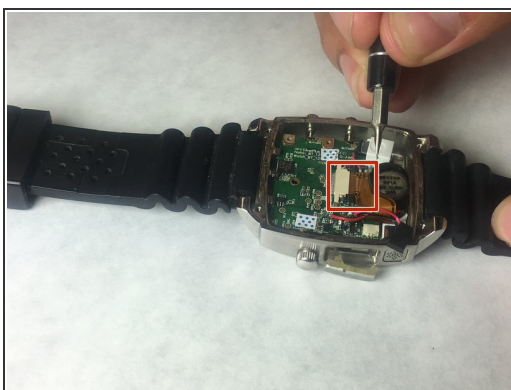
- Use ESD safe tweezers to remove the gold ribbon cable.

- This will expose a second 5.2mm Phillips head screw that can be removed with a PH00 screwdriver.

Step 9

- Use a spudger to gently pry on the motherboard towards the top of the watch, being towards the 12 o'clock position to loosen the motherboard.

- You can now access the parts and pieces on the bottom of, and below the motherboard.

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