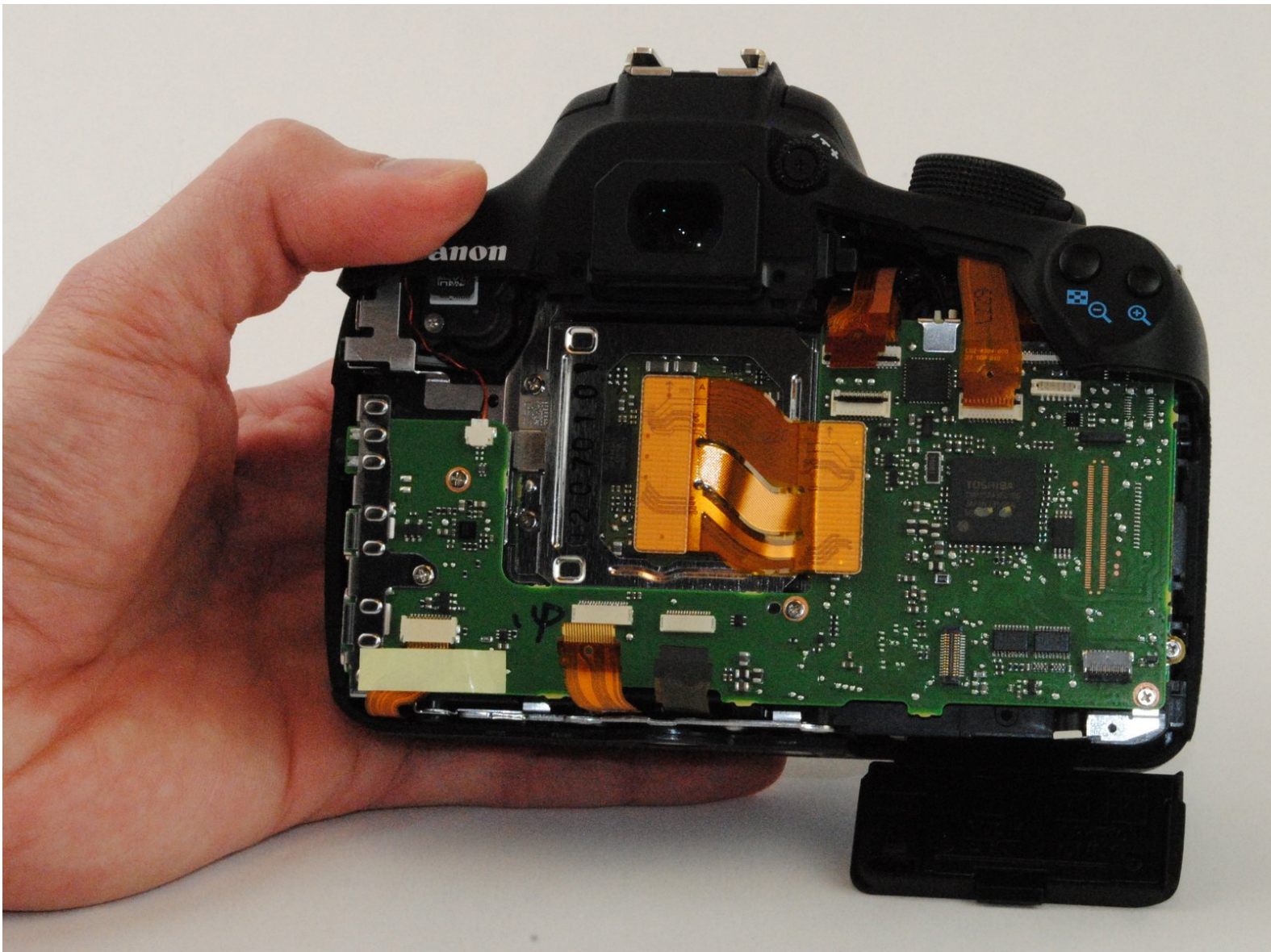# Canon EOS Rebel T5 Motherboard Replacement

This guide will show the reader how to remove and replace the motherboard in their Canon EOS Rebel T5 camera.

Written By: Austin Tucker

INTRODUCTION

If you find that your camera's motherboard has failed, and needs to be replaced, this guide will show you the steps necessary to complete this task.

🔧 TOOLS:

- Phillips #000 Screwdriver (1)
- Spudger (1)
- iFixit Opening Tools (1)

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Step 1 — Battery

- Lay the camera on its back so that the card/battery door is facing you.

- Using your fingernail, slide the tab on the battery door up to release the battery door latch.

Step 2

- Lift the now free card/battery door to reveal the battery compartment.

- Push the gray lever to the right side so that the battery can be removed and replaced with a new one.

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Step 3 — Back Panel

- Turn the camera so that the back is facing to your right.

- Remove the 5mm Phillips #000 screw above the rubber USB port cover.

Step 4

- Remove the rubber piece.
  - Unscrew the two screws under the rubber cover to completely remove the rubber cover piece.
  - ⓘ It is held in place by a notched tether, but can be easily manipulated to slide out.
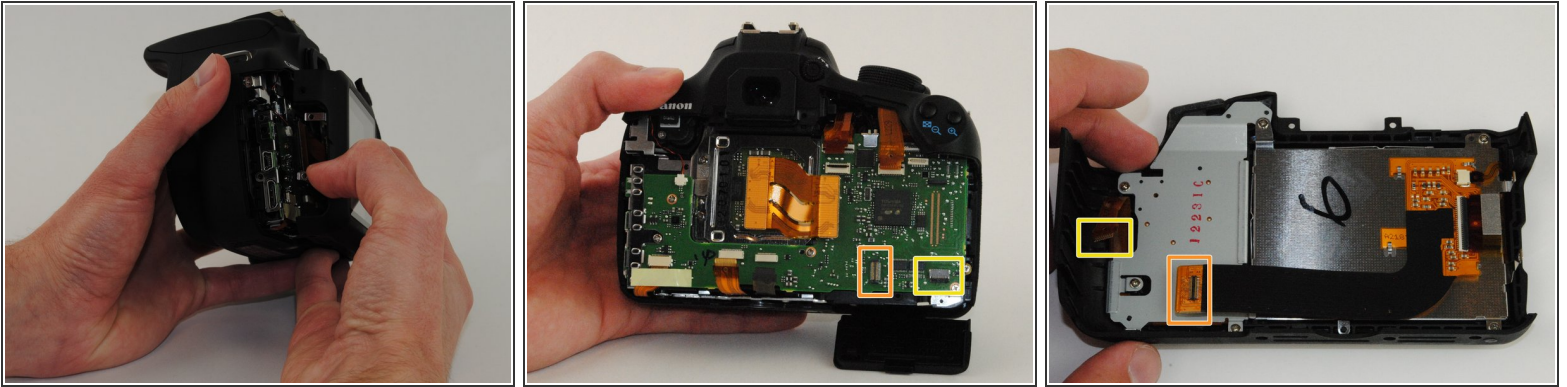
Step 5

- Turn your camera so that the bottom is facing you.
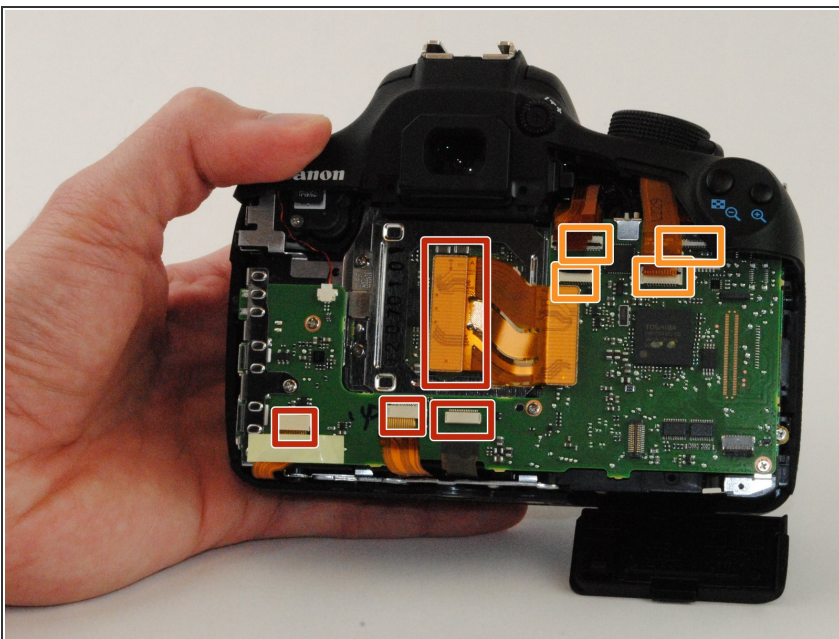
- Remove the 5mm Phillips #000 screws.

Step 6

- Now turn the camera so that the front is facing towards your right.

- Remove the two remaining 5mm Phillips #000 screws.

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Step 7

- Now that all of the exterior screws have been removed, grip the camera firmly on both sides.

- Gently pry the back panel from the main body of the camera.

    ⚠️ There are two ribbon cables that need to be removed in order for the back panel to come free from the camera body, as indicated.

    ℹ️ This back panel contains various control components of the camera as well as the LCD screen.
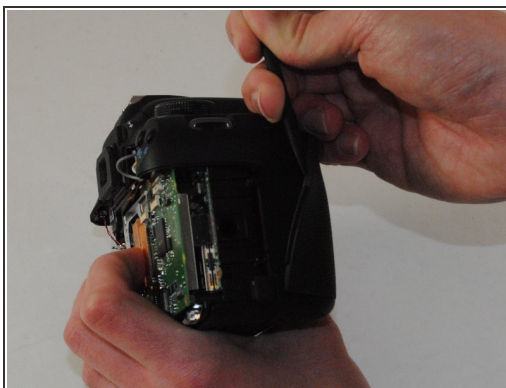
Step 8 — Motherboard

- Remove all ribbon cables with the plastic spudger.

- Gently pry up the black plastic tabs to slide out the ribbon cables

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Step 9

- Turn your camera so that the top is facing you.

- Remove the two black 5 mm Phillips #000 screws.

Step 10

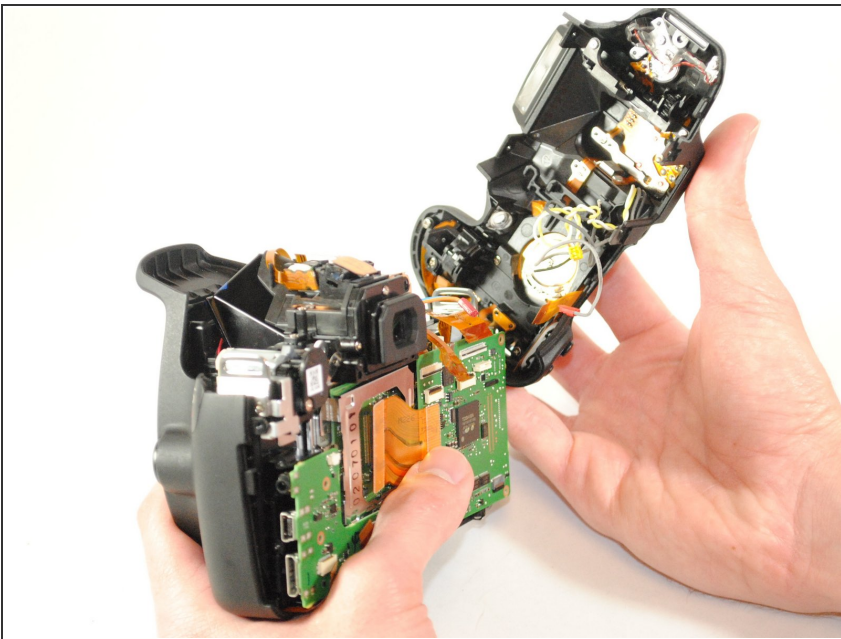- Turn the grip side toward you.
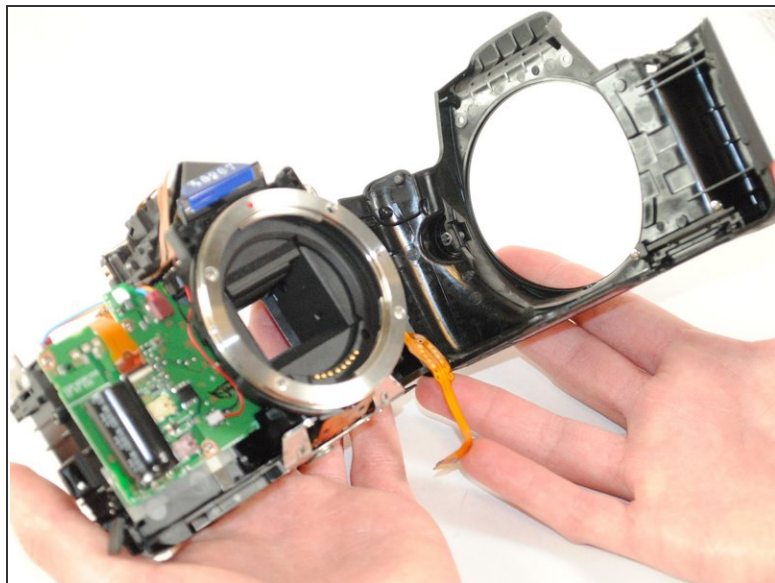
- Remove the rubber grip, using the plastic spudger.

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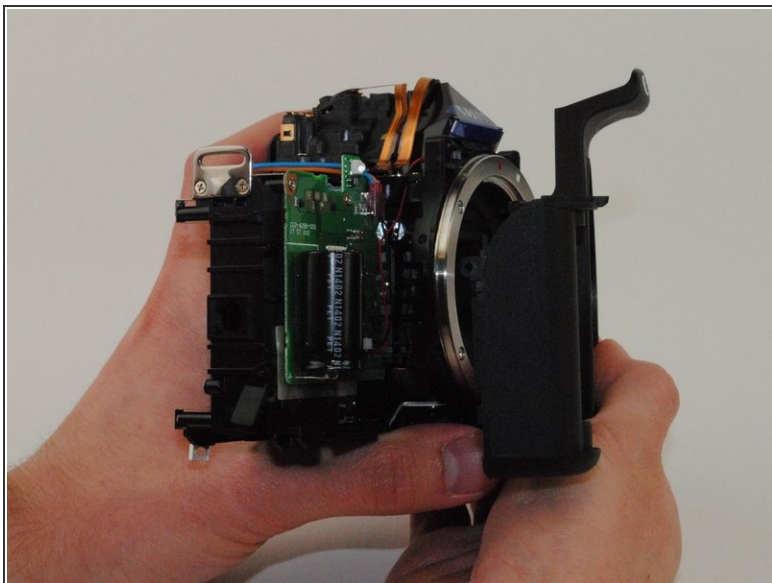© iFixit — CC BY-NC-SA							www.iFixit.com							Page 7 of 9

Step 11

- Remove the black 5 mm Phillips #000 screw, located under the grip.
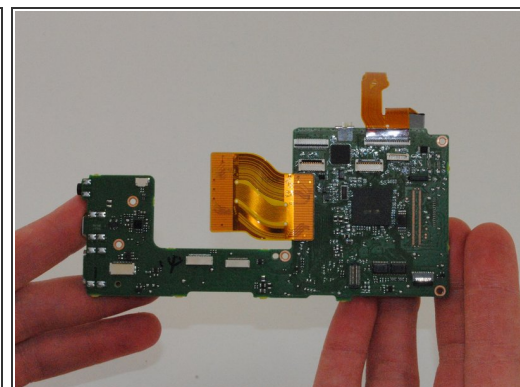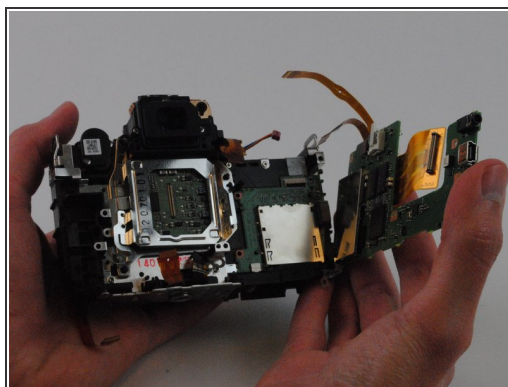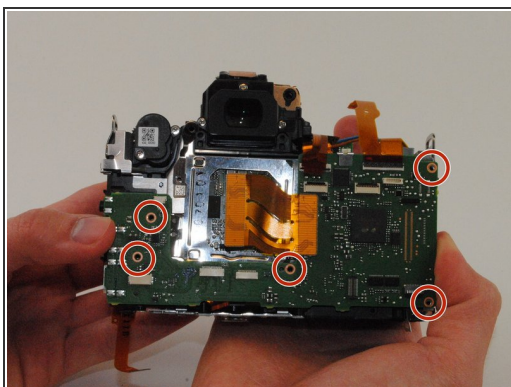
Step 12

- Remove the top panel of the device.

Step 13

- Remove the front panel of the camera.

Step 14

- Remove the five silver 5mm Phillips #000 screws.

- The motherboard can now be removed.

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