



Canon EOS 6D Front and Top Body Panel Replacement

Replace the front and top body panels of the EOS 6D.

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INTRODUCTION

Use this guide to replace the front or top body panels of your EOS 6D or to access damaged internal components.

TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [Tweezers](#) (1)

Step 1 — Rear Body Panel



- Remove the viewfinder cover by pinching the sides and sliding it upward.

Step 2



- Open the battery door on the bottom of the camera.
- Use your thumb to slide the small black tab on the inside of the battery door up and pull the door off the camera.

Step 3



- Slide your fingernail or the flat end of the spudger underneath the rubber covering and gently peel it off all sides of the camera.

Step 4



- Open the covers to the HDMI/AV/MIC ports on the side of the camera by gently pulling outward on the bottom of the covers.
- Rotate the covers to the side so that you can see the connection ports inside.
- Remove the following screws:
 - Two silver 5mm Phillips #00
 - One black 6mm Phillips #00

Step 5



- Remove the cover to the HDMI/AV/MIC ports by gently lifting the tab on the bottom edge of the camera.

Step 6



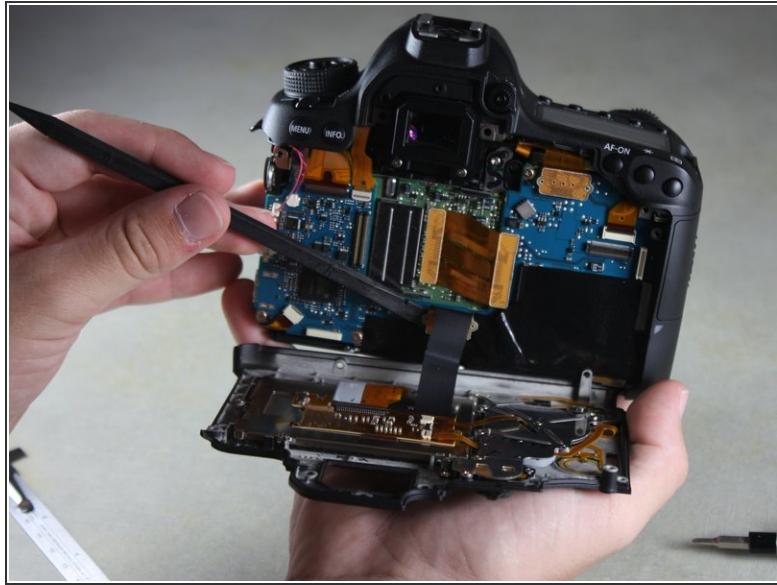
- Rotate your camera so the bottom side is facing you.
- Remove the following screws:
 - One 6mm Phillips #00
 - Two 3mm Phillips #00

Step 7



- Rotate your camera so the back is facing you.
- Remove the following screws:
 - Three silver 5mm Phillips #00
 - Two black 6mm Phillips #00
 - One black 4mm Phillips #00

Step 8



⚠ A black ribbon wire connects the rear panel to the inside of the camera. Breaking this wire would make your rear screen and buttons non-functional.

- Carefully use your fingers to tilt the back panel downward to about a 90 degree angle.
- Use the flat end of the spudger to gently pry off the ribbon wire from the inside of the camera.

Step 9 — Front and Top Body Panels



- Remove the 8mm Phillips #00 screw from the bottom of the front of the camera.

Step 10



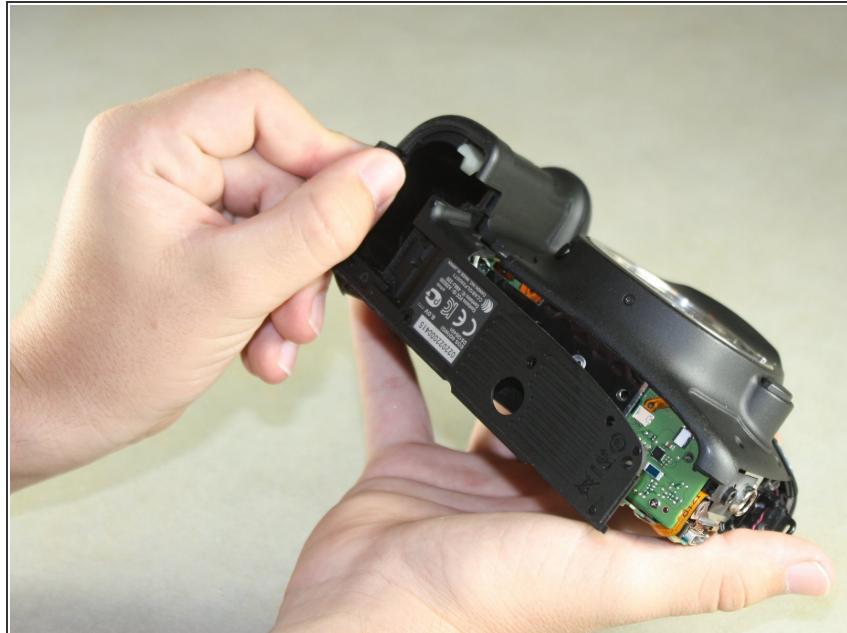
- Rotate the camera so the side with the SD card slot is facing you.
- Remove the 4mm Phillips #00 screw from the bottom edge of this side.

Step 11



- Rotate the camera so the bottom is facing you.
- Remove the following screws:
 - Two 8mm Phillips #00
 - One 4mm Phillips #00

Step 12



- Remove the bottom panel from the camera by using your fingers to pull outward on the tab inside the battery compartment.

Step 13



- Rotate the camera so the front is facing you.
- Remove the following screws:
 - Three 5mm Phillips #00
 - Two 6mm Phillips #00
 - One 4mm Phillips #00

Step 14



- Rotate the camera so the side with the SD card slot is facing you.
- Remove the following screws:
 - One 4mm fine-thread Phillips #00
 - Two 4mm coarse-thread Phillips #00

Step 15



⚠ The red speaker wire is attached to the inside of the front panel. Opening the front panel forcefully may break it.

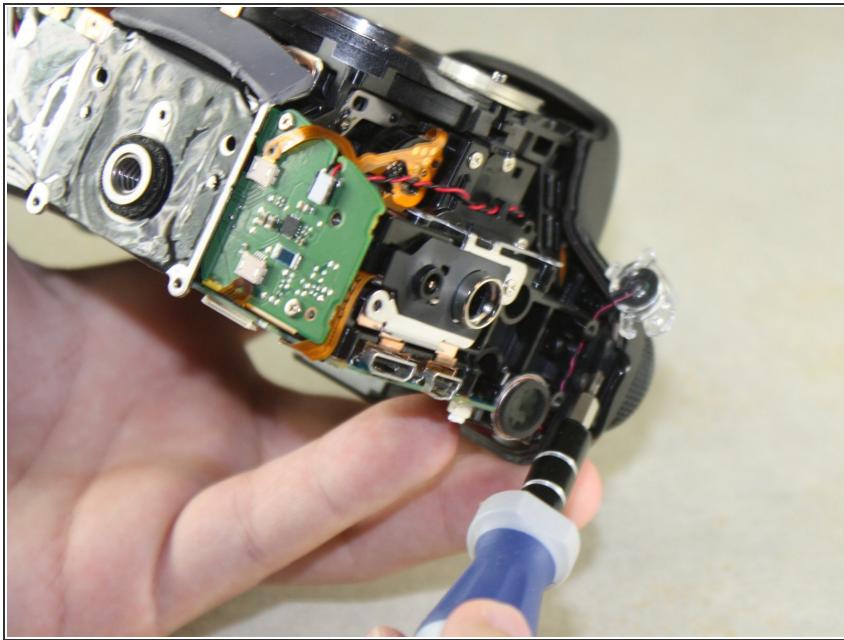
- Slowly fold the front panel to the right without pulling it away from the right edge of the camera.

Step 16



- Remove the 4mm Phillips #00 screw on the inside of the front panel to separate the panel from the speaker wire.

Step 17



- Remove the 4mm Phillips #00 screw from the inside of the top panel, below the strap hook.

Step 18



- Remove the 4mm Phillips #00 screw from the inside of the top panel, below the shutter button.

Step 19



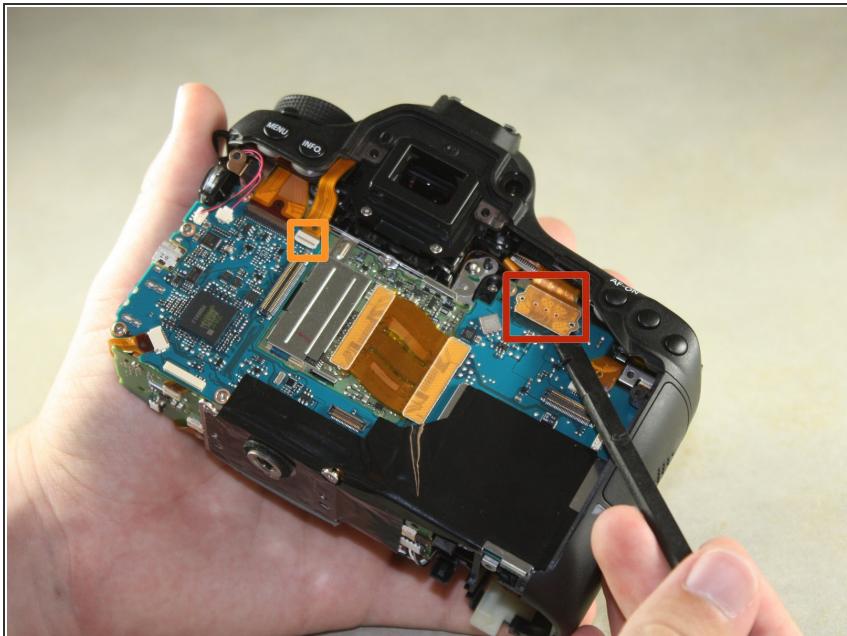
- Rotate the camera so the top is facing you.
- Remove the 6mm Phillips #00 screw from next to the analog screen.

Step 20



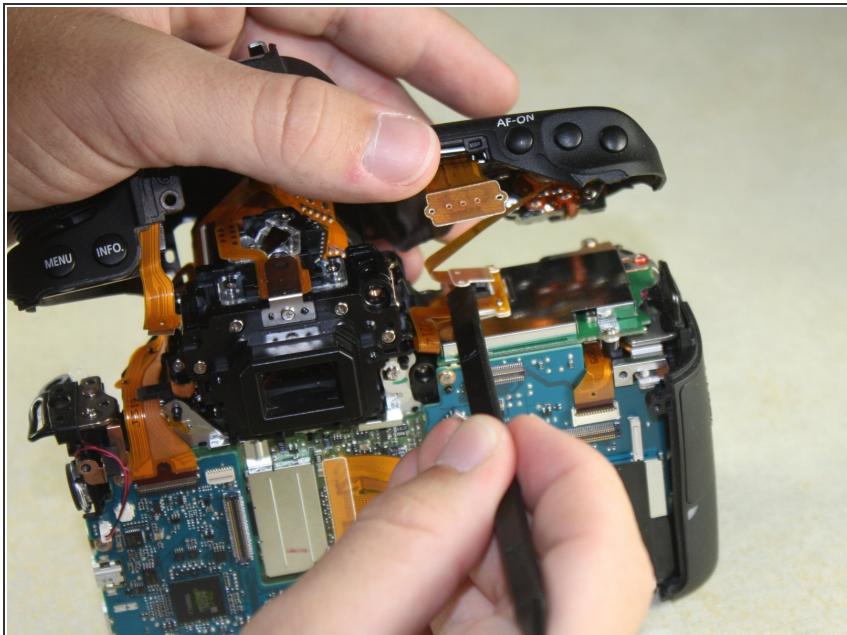
- Rotate the camera so the back is facing you.
- Remove the Phillips #00 screw from the viewfinder focus.

Step 21



- Carefully detach the two light brown ribbon wires on the top panel:
 - The right ribbon by prying it out with the flat end of the spudger.
 - The left ribbon by using tweezers to gently wiggle it out toward the top.

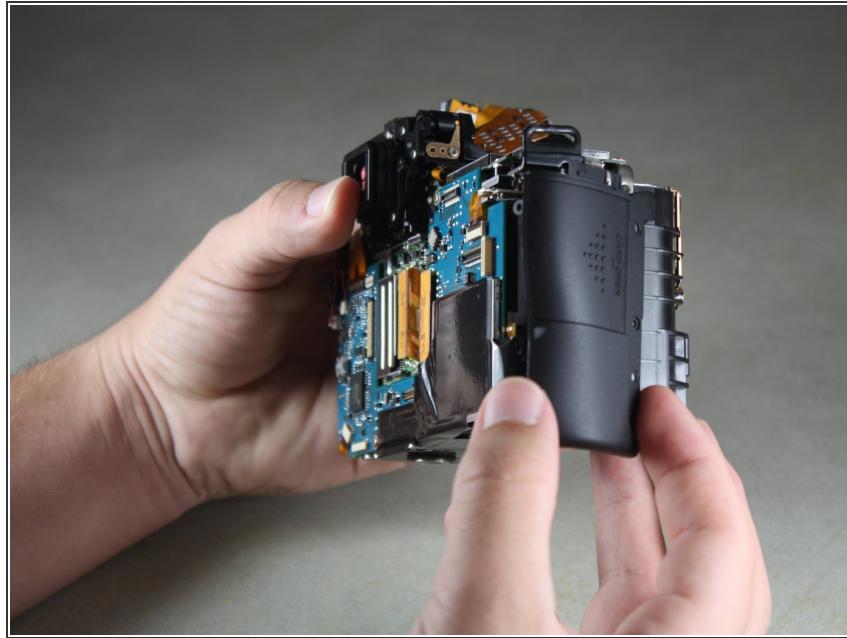
Step 22



 A ribbon wire connects the inside of the top panel to the body of the camera.

- Slowly lift the top panel to about an inch above the body of the camera.
- Carefully use the flat end of the spudger to detach the ribbon wire from the top of the camera.

Step 23



- Grip the remaining side panel with your fingers and gently pop it off the camera.

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