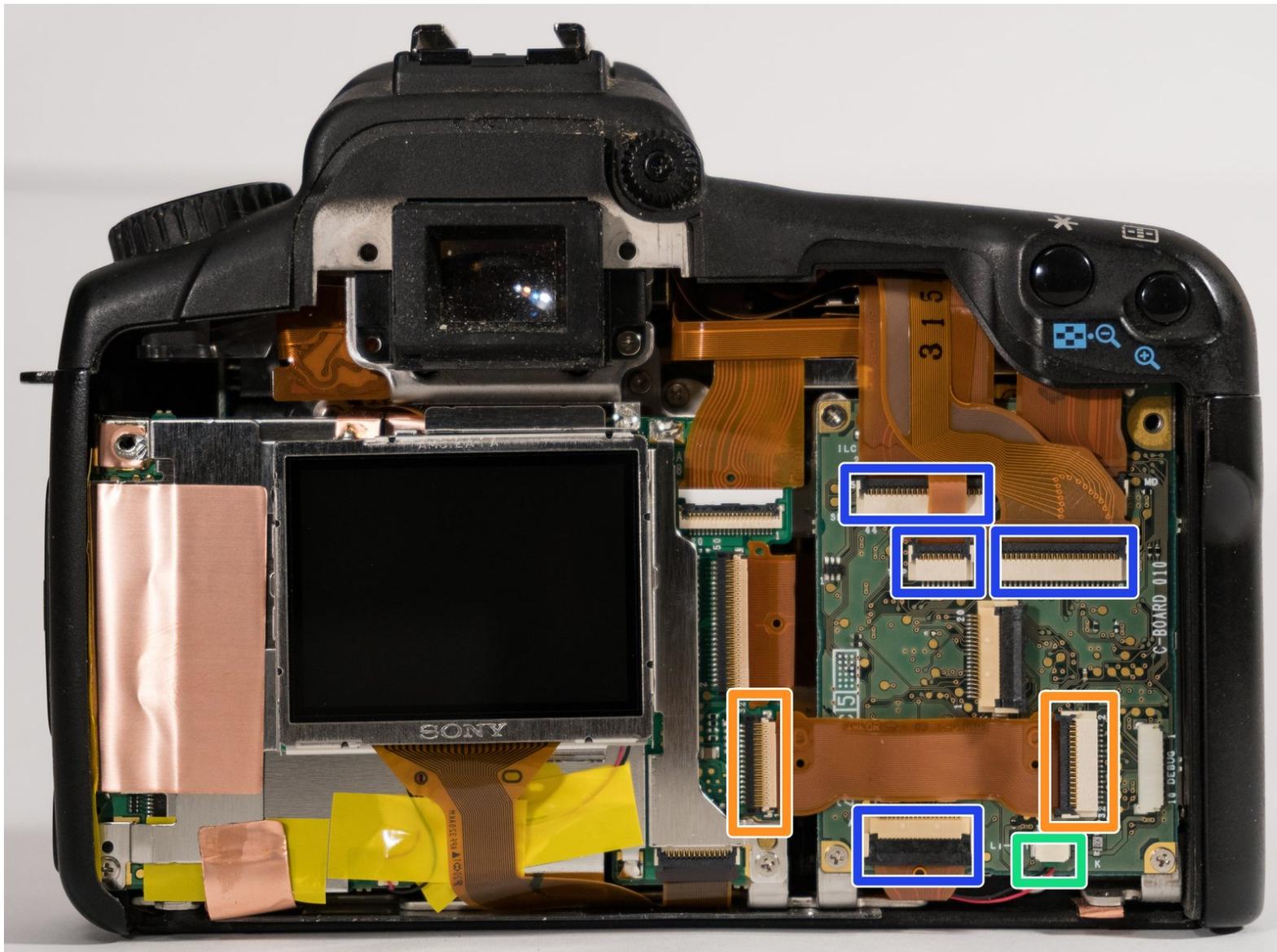




Canon EOS 20D Secondary Control Board (C-Board 010) Replacement

How to replace the circuit board that pretty much everything connects to.

Written By: Alec M



 **TOOLS:**

- Phillips #0 Screwdriver (1)
- Fingers (2)

Thumbs

I hope you at least have two fingers even if they aren't thumbs :D

Step 1 — Remove the eyepiece cap



- Pull up on both sides of the the eyepiece cap. It should come off with little pressure.

Step 2 — Remove screws from under the eyepiece cap



- Remove the two screws hidden under the viewfinder eyepiece cap.

Step 3 — Remove hidden screw and other visible screw



- Peel off the rubber grip on the back by grasping one of the corners and pulling out.
- Once removed, a hidden screw is revealed.
- Remove both visible screws from the rear of the camera.

Step 4 — Remove bottom screws



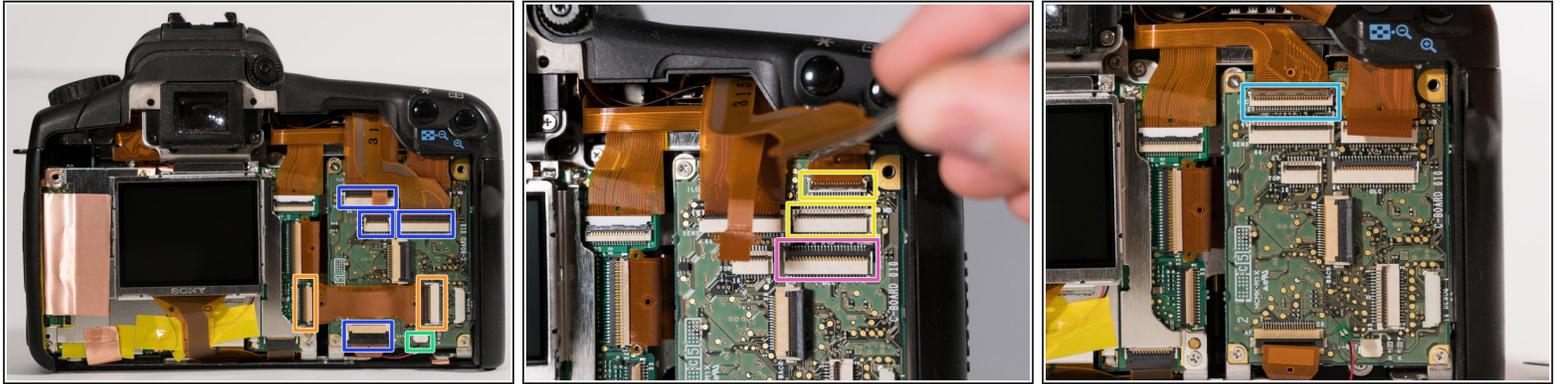
- Remove both labeled screws from the bottom of the camera.

Step 5 — Lift and remove the rear panel



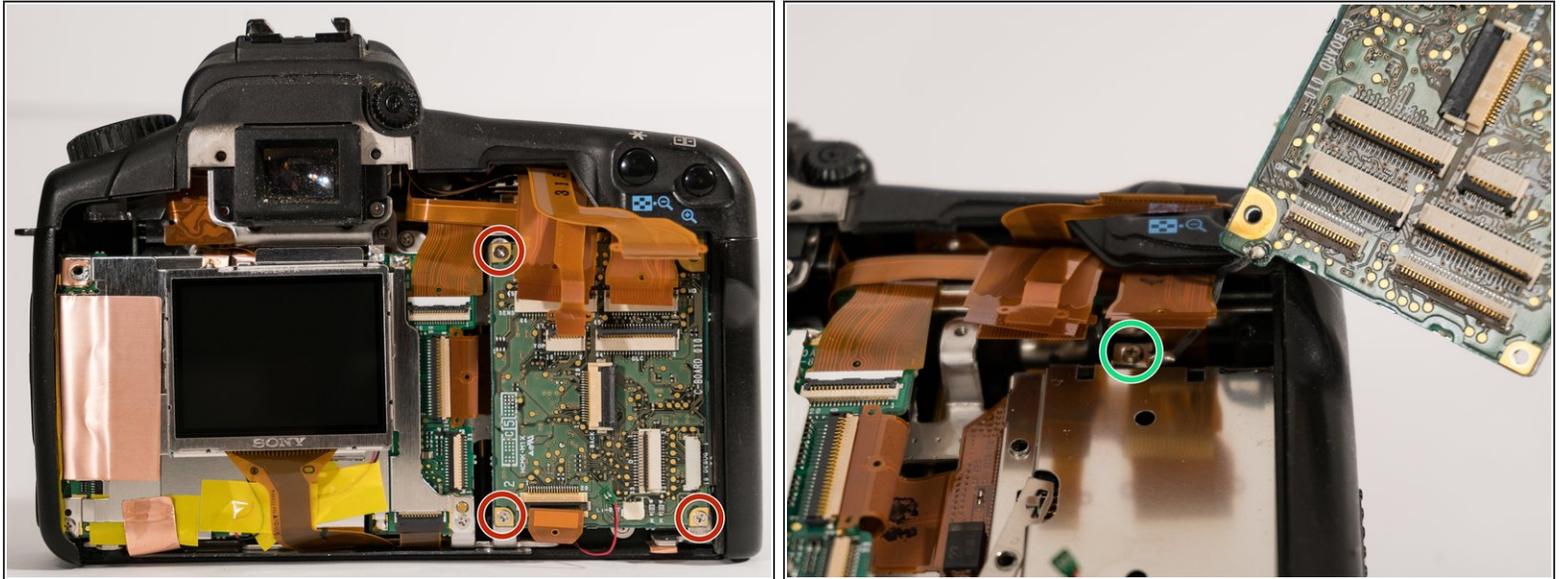
- ⚠ When lifting the panel, make sure not to lift it too high, since you'll run the risk of tearing the cable, or damaging the connector on the board.
- Flip the lock on the flex cable connector up with a spudger.
- The front panel should pop off now that the cable has been disconnected.
- i When reassembling the device, make sure to insert the left side of the front panel first, since it has a small lip that needs to fit under the left part of the camera case.

Step 6 — Disconnect all the labeled cables



- Disconnect all the labeled connectors by opening their latches.
- Remove the flex cable that connects the logic board to the secondary control board.
- Pull the small green connector out of its socket. Be careful when removing it, as it is possible to tear the tiny wires running to the connector.
- Disconnect the two hidden connectors under the top connector labeled in pink.
- Disconnect the third hidden connector.

Step 7 — Remove the secondary control board



- Remove the three screws from the edges of the board.
- Flip the board up and out so that the ground connection can be unscrewed.

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