



Canon EOS 40D Shutter Assembly Replacement

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INTRODUCTION

An Error 99 is a non-specific error which means that the camera doesn't know or have a code for the problem. In my case, the shutter assembly needed replacing. This was a fairly involved process for a beginner such as myself.

This is not a comprehensive guide but should be used in conjunction with the Canon Service Manual and YouTube videos. I hope that some of the pictures I took along the way might help you identify or remember how each step works.



TOOLS:

- [small philips screwdriver](#) (1)
 - [Soldering Iron](#) (1)
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Step 1 — Shutter Assembly



- Get the Canon 40D Service Repair Manual
- Have a clean and organized workspace. I labelled plastic trays by step number and put all items for each step in a separate tray.
- Watch a couple Youtube videos on this process

Step 2



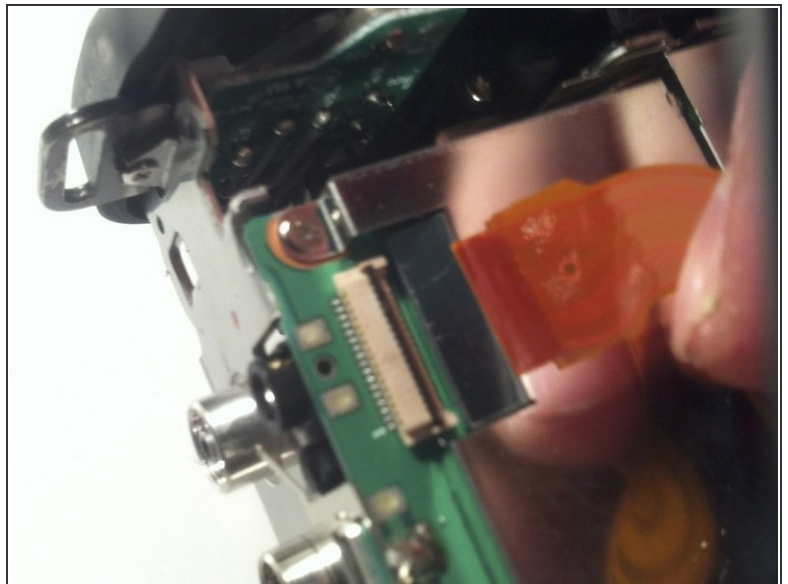
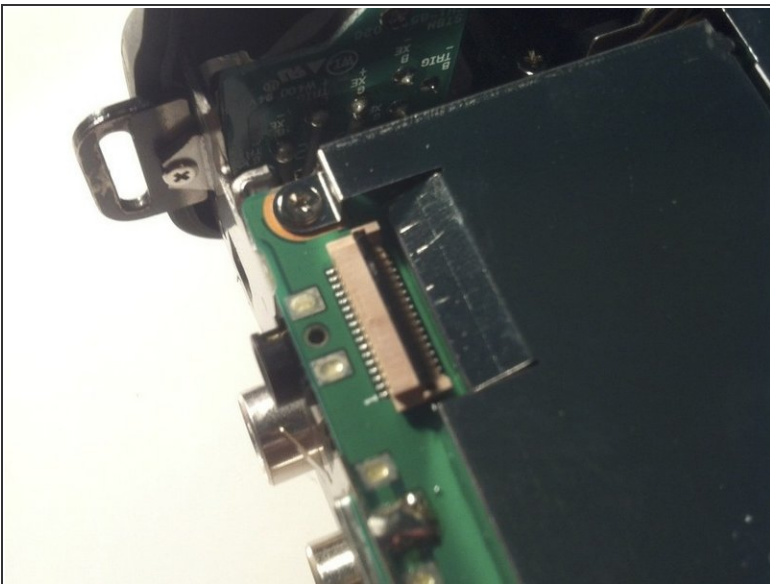
- Peel off rubber grips

Step 3



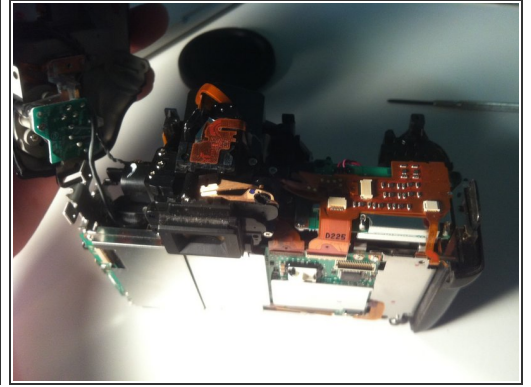
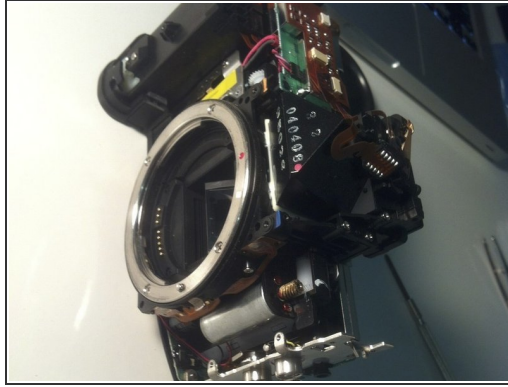
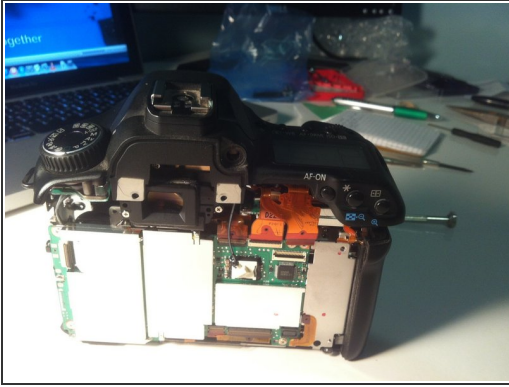
- take off front piece

Step 4



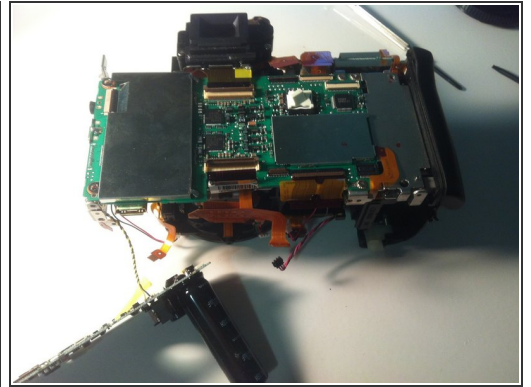
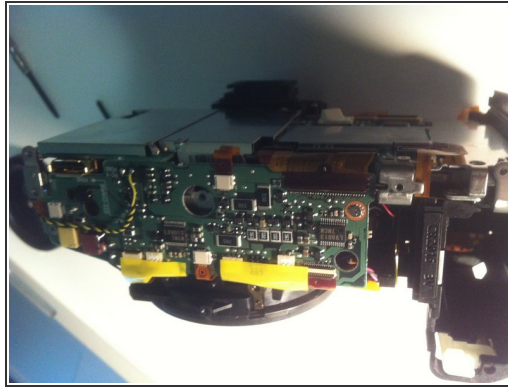
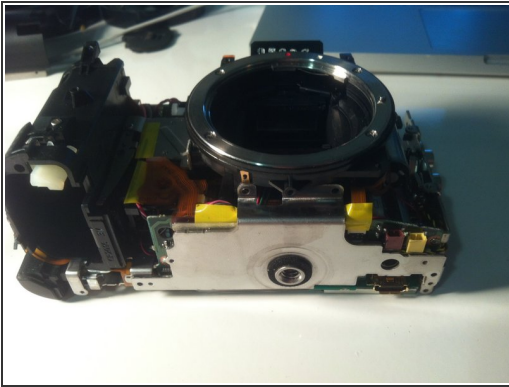
- take off rear
- connectors disconnect by flipping black/brown tab up and sliding plastic tab out.

Step 5



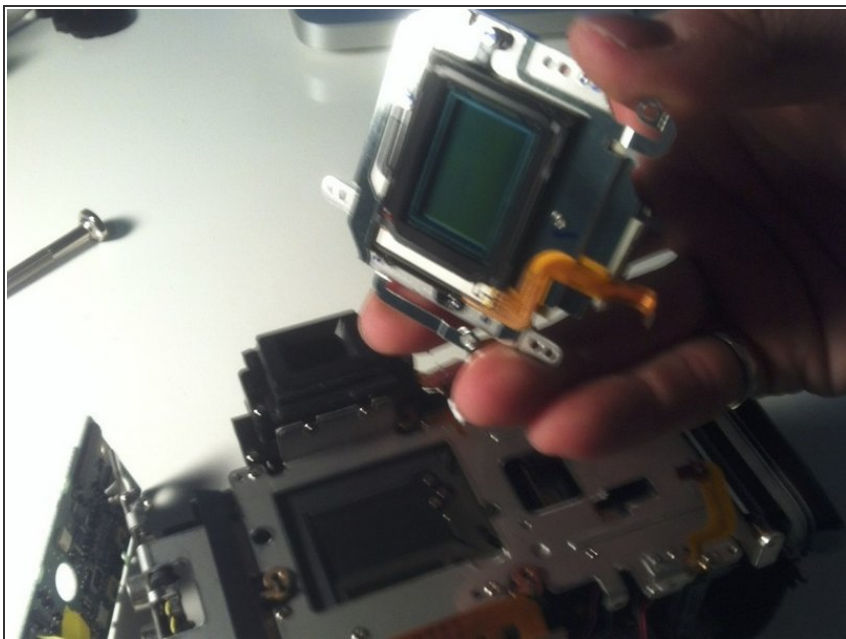
- Take off top cover

Step 6



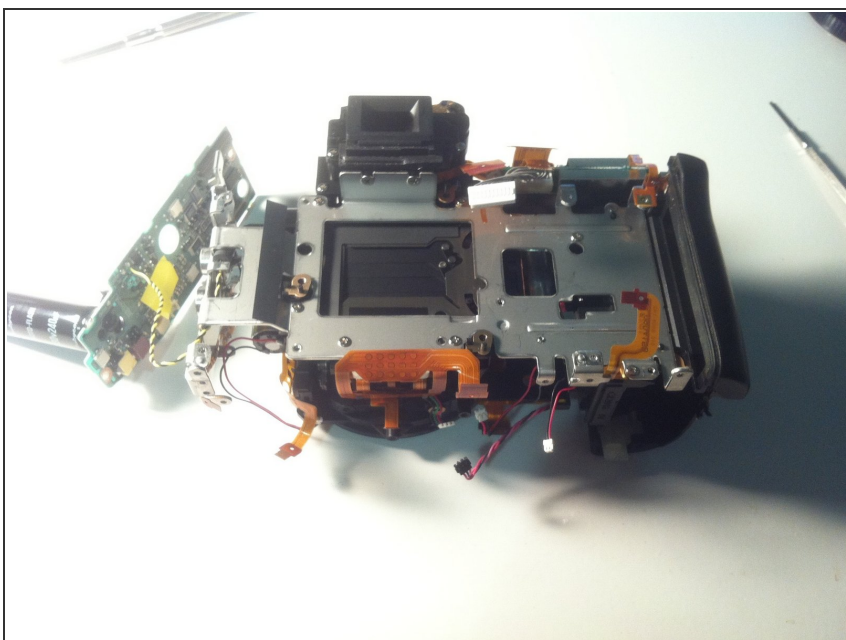
- take off bottom plate
- disconnect and remove bottom board

Step 7



- remove CMOS assembly

Step 8



- remove metal back
- remove and replace shutter assembly, transferring components that aren't on the new one

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