



# Polaroid One-Step 600 Teardown

Written By: Adriano Agostino



## INTRODUCTION

This guide shows you how to completely disassemble your camera.

### TOOLS:

- [Flathead Screwdriver](#) (1)
- [Spudger](#) (1)
- [Tweezers](#) (1)

## Step 1 — Polaroid One-Step 600 Teardown



- Open the flash/lens compartment of the Polaroid camera to a 30 degree angle with the horizontal.

## Step 2



- Separate the flash section of the camera from the main body by unhooking the sides.

**⚠ BE CAREFUL NOT TO YANK THE TWO SECTIONS APART BECAUSE THE BAND WIRE STILL ATTACHES THEM!**

## Step 3



- Open the battery/ cartridge compartment fully.

## Step 4



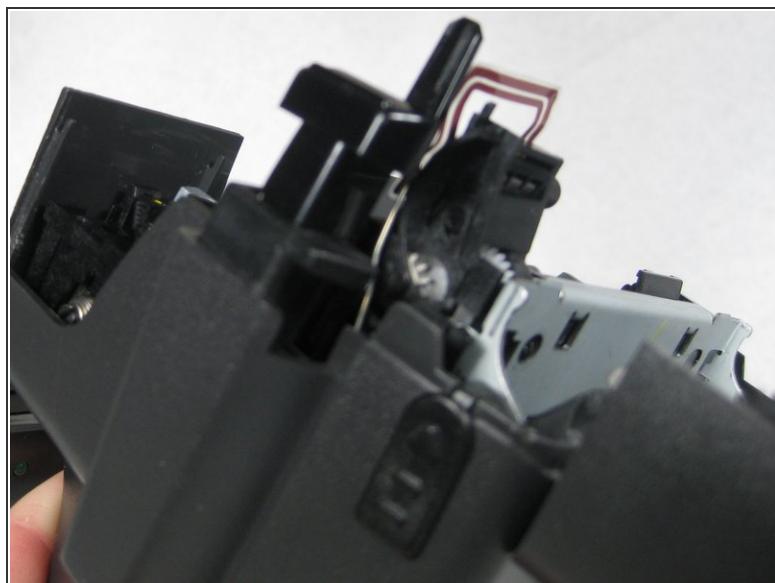
- Insert spudger in between face of camera and sides where the four tabs are located.

## Step 5



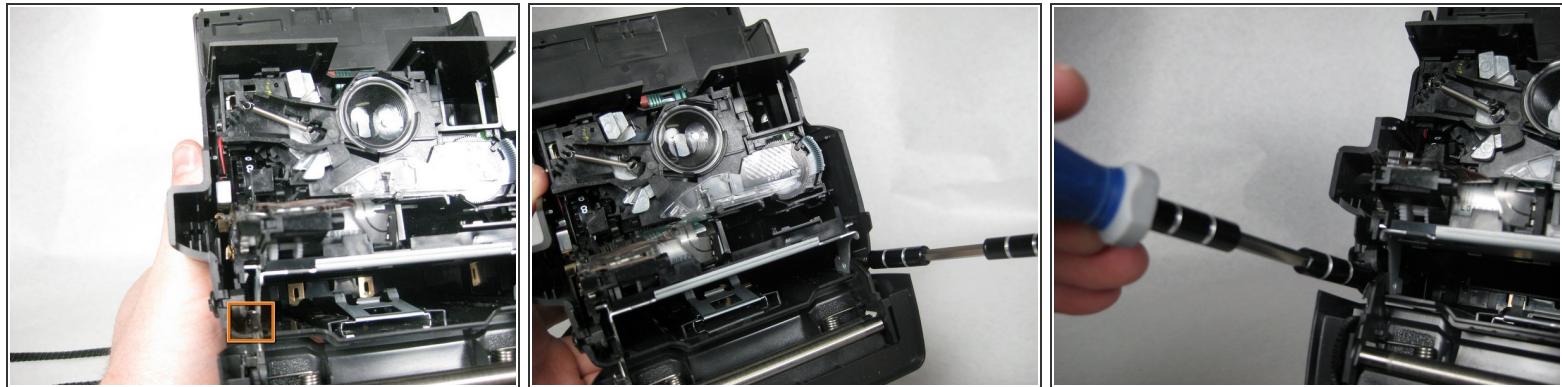
- Once tabs are released, pull face of camera straight out.

## Step 6



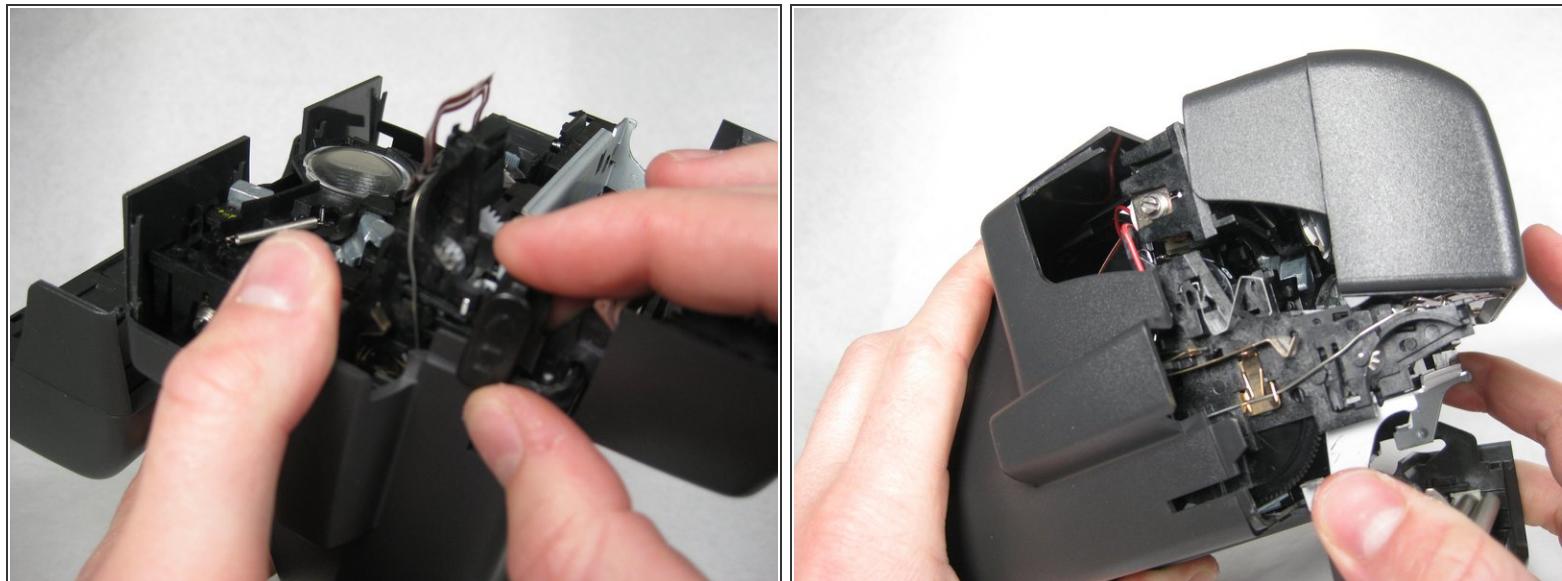
- Remove the capture button if it did not pop out when you removed the face.
- There are two pieces to the capture button and both should be removed.

## Step 7



- To remove the back of the camera, you have to find the tabs located near the hinges of the battery and film compartment.
- Using a screw driver, pry the tabs of the outer case away from the metal frame.
- Once the tabs are removed slide the metal frame forward.

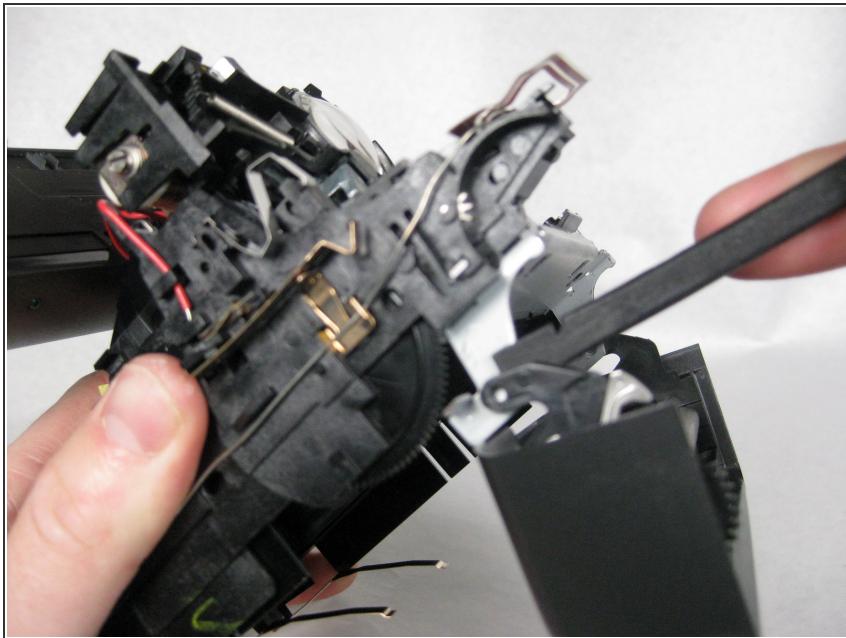
## Step 8



- Remove the battery and film compartment latch
- Pull the metal frame away from the case.

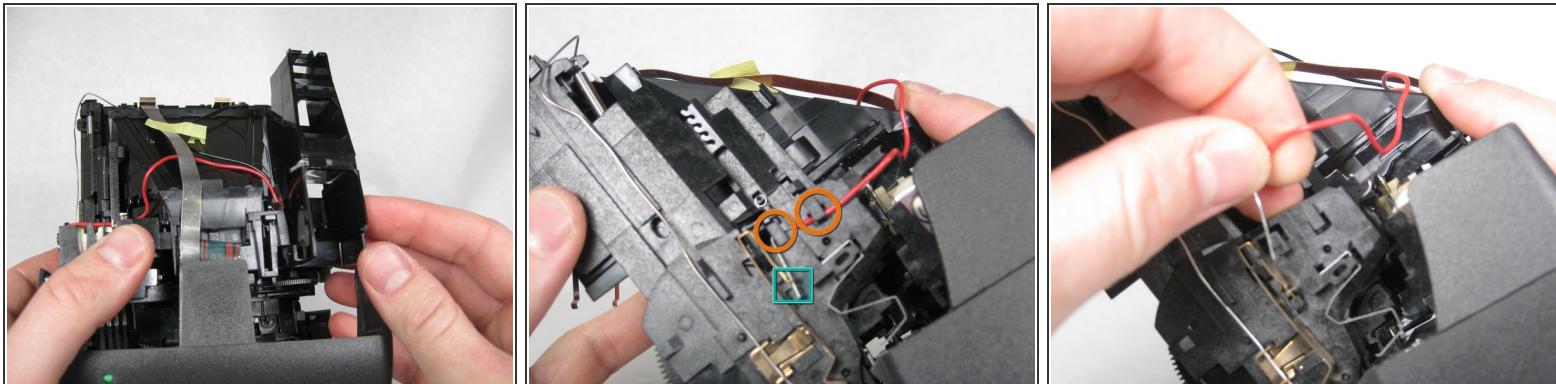
● The entire case will come off but the flash compartment will come with the insides of the camera.

## Step 9



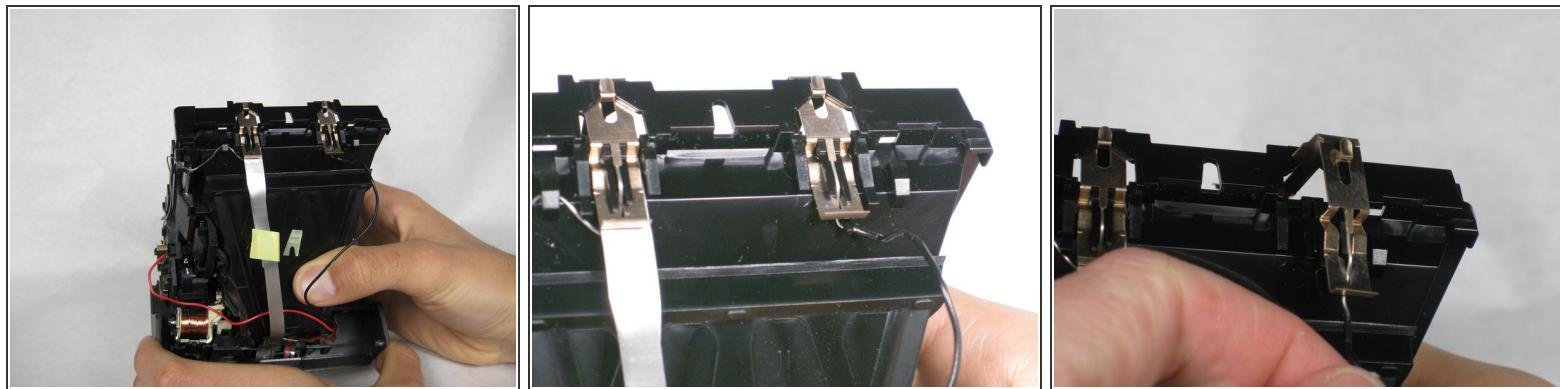
- Using a spudger, pop the battery and film cartridge hatch from its hinges.
- The tabs are located at the bottom of the metal frame.

## Step 10



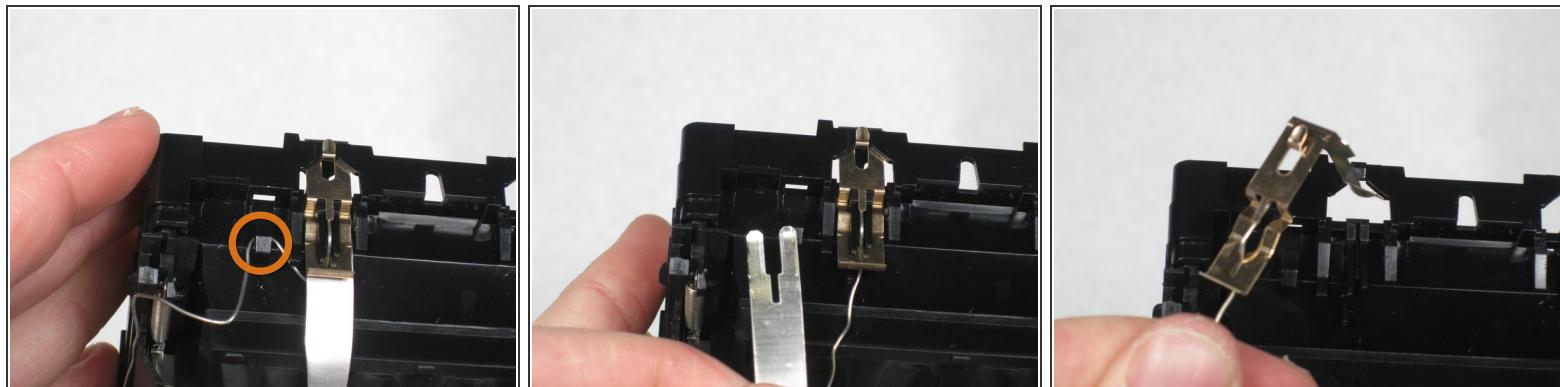
- Remove the sight by lifting it straight up.
- Follow the red wire from the flash compartment
- Take the red wire off of the 2 hooks
- Slide the uncovered wire end out of the small brass clip. Move wire away from camera.

## Step 11



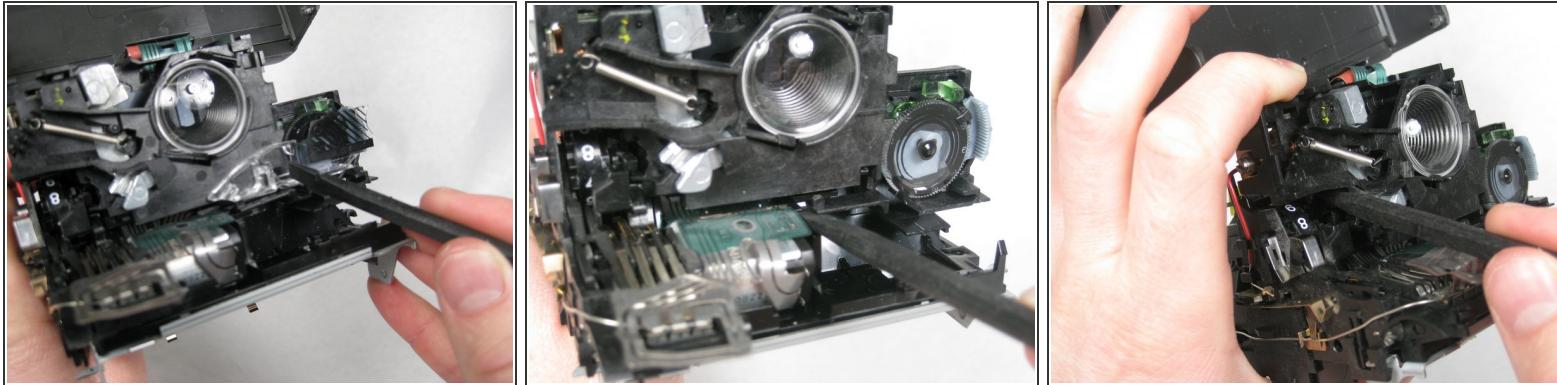
- Follow the black wire from flash bulb to the back of the case.
- When you find the brass tab, pull it up. When the tab is free, remove the tab from the black wire.

## Step 12



- Follow the metal band from the flash compartment to the brass tab.
- Unhook the wire on the left of the brass tab.
- Remove the metal band from behind the brass clip.
- Set the now detached flash compartment to the side.
- Pull the brass tab up and out like the first one and remove the uncovered wire.

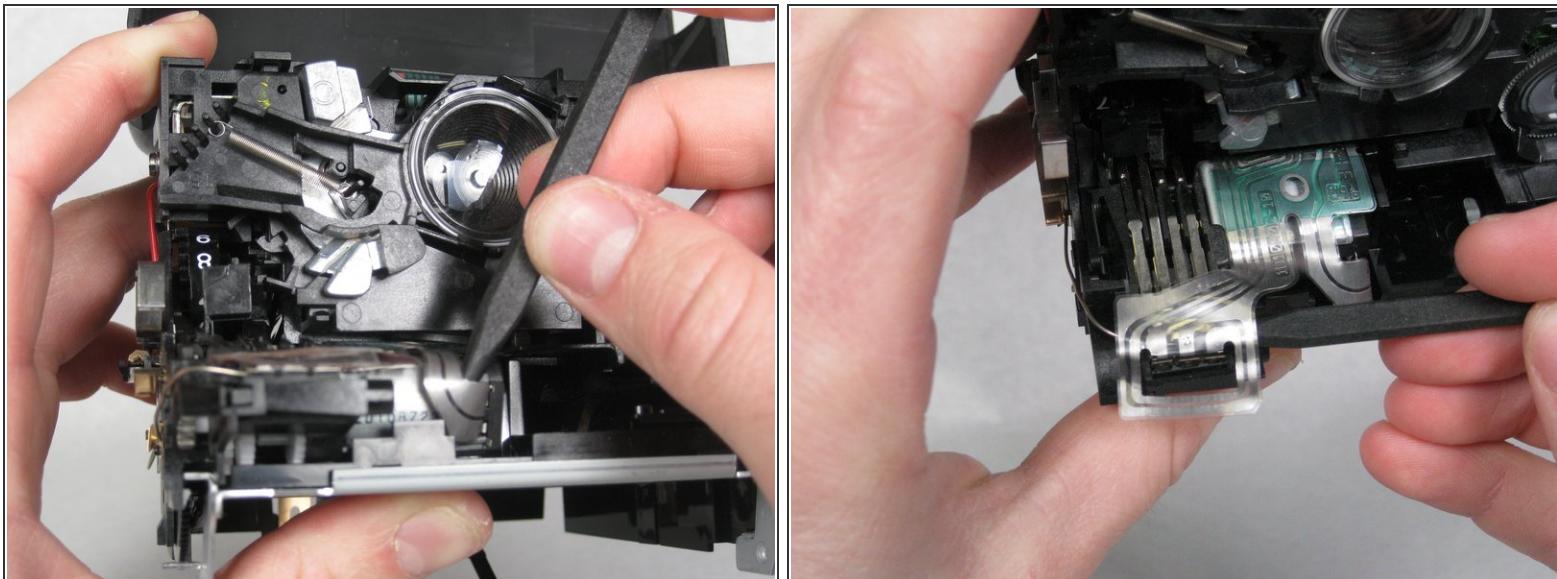
## Step 13



- Slide the brightness adjuster to right and off the camera.
- Use the pointed end of the spudger to lift a small latch located next to the bottom of lens plate
- Then find the small latch located below the plastic bridge that is over the shutter mechanism

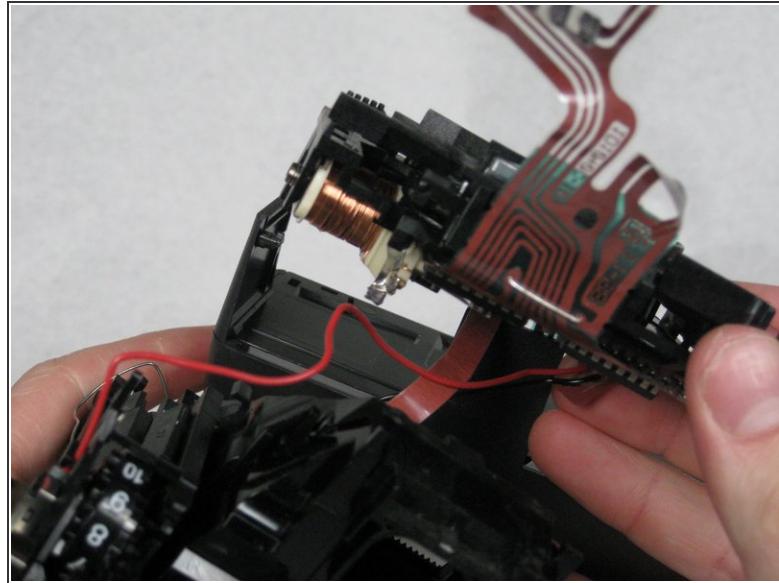
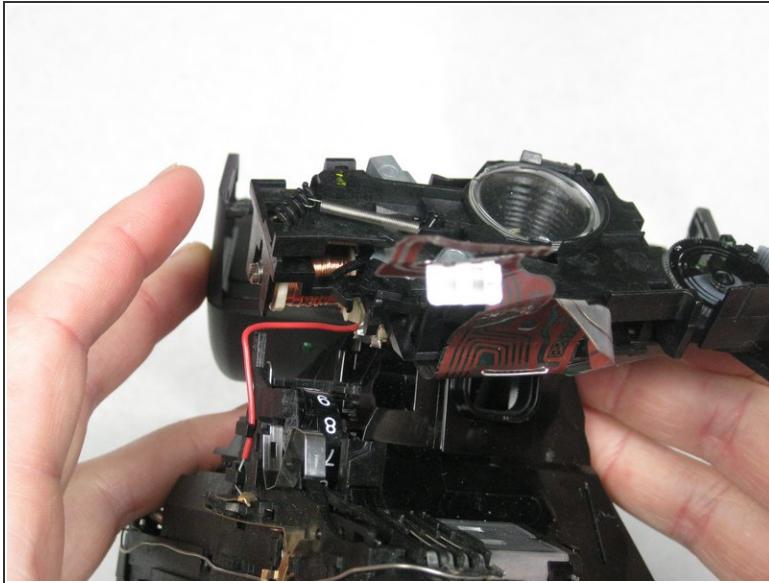
*(i)* This latch is small and is hard to see but you just have to push it with the pointed end of the spudger to unlatch it.

## Step 14



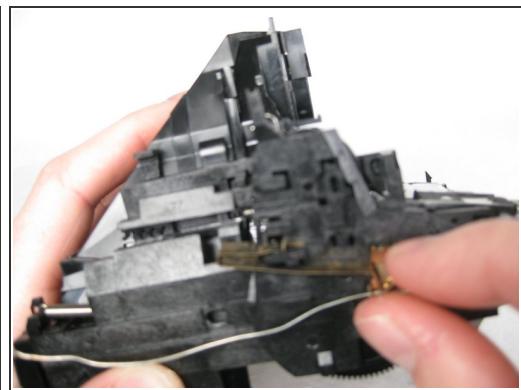
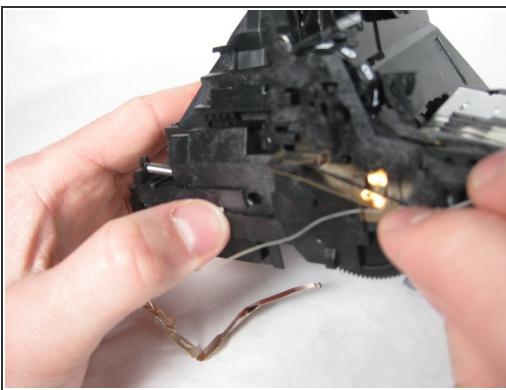
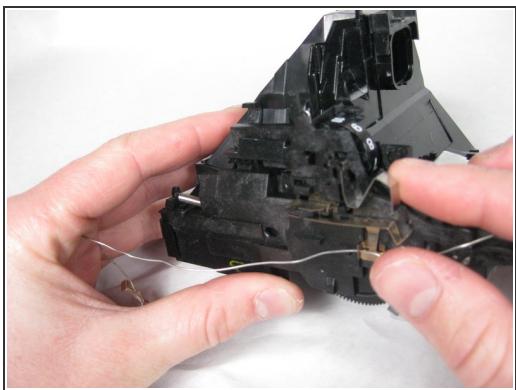
- Using the pointed end of the spudger, pull the band wire out of the electric motor.
- In the same manner as above, remove the band wire from the plastic extension.

## Step 15



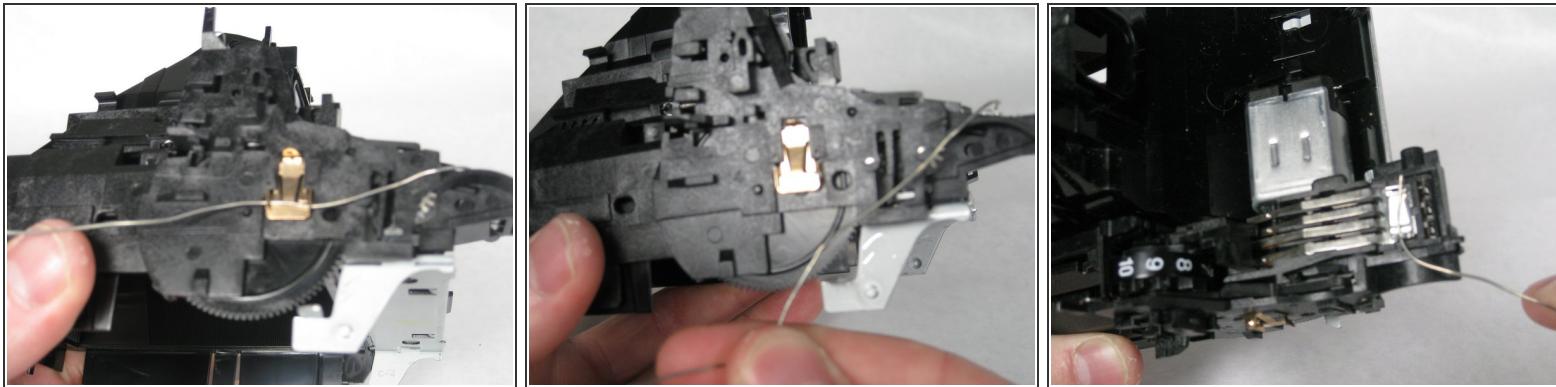
- Rotate the lens plate up to unhook the plate from two tabs located at the top of the plate.
- Remove the lens plate, flash compartment and wires from the camera.

## Step 16



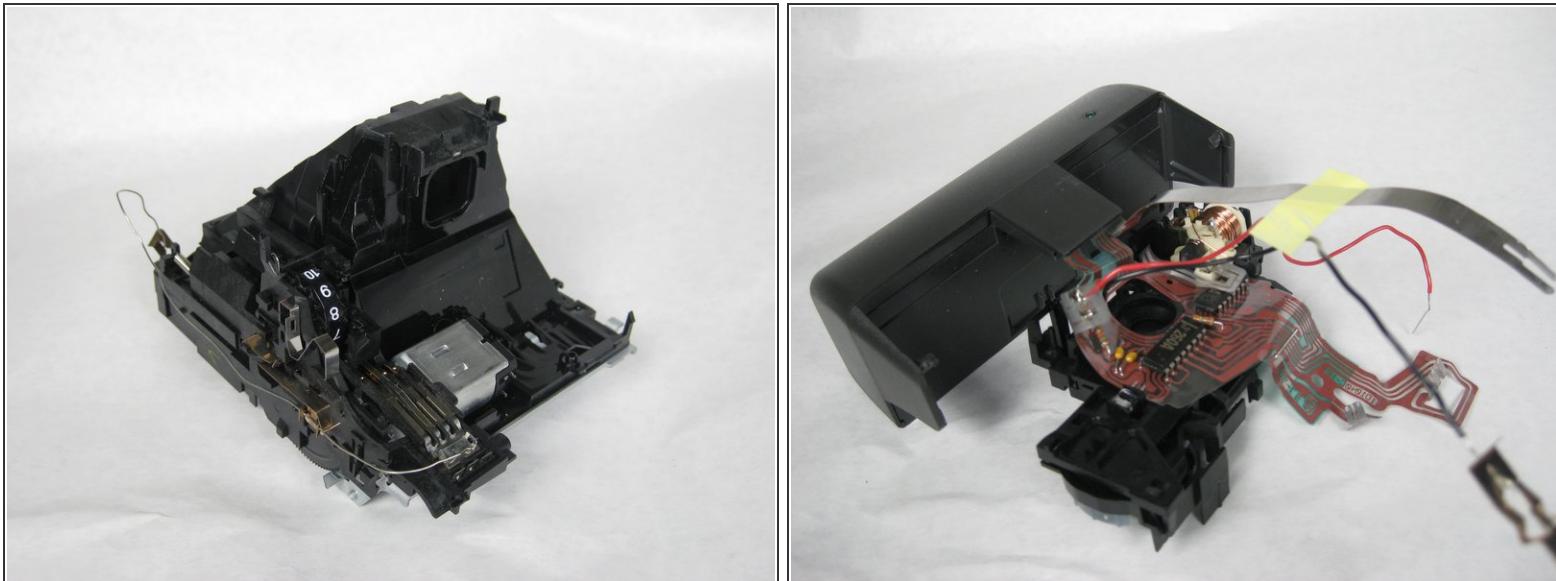
- Follow the uncovered wire around the side of the camera
- Remove the metal spring tab next to the counter
- Remove the brass tab by lifting the top piece over the notch and sliding back.

## Step 17



- Locate the small brass tab with the uncovered wire running through it.
- Remove the wire by sliding under the hooks.
- then unhook the uncovered wire from the the final latch located on the top of the plastic extension.

## Step 18



- The cameras insides could now be in two major pieces.
- The Pyramid and the lens plate

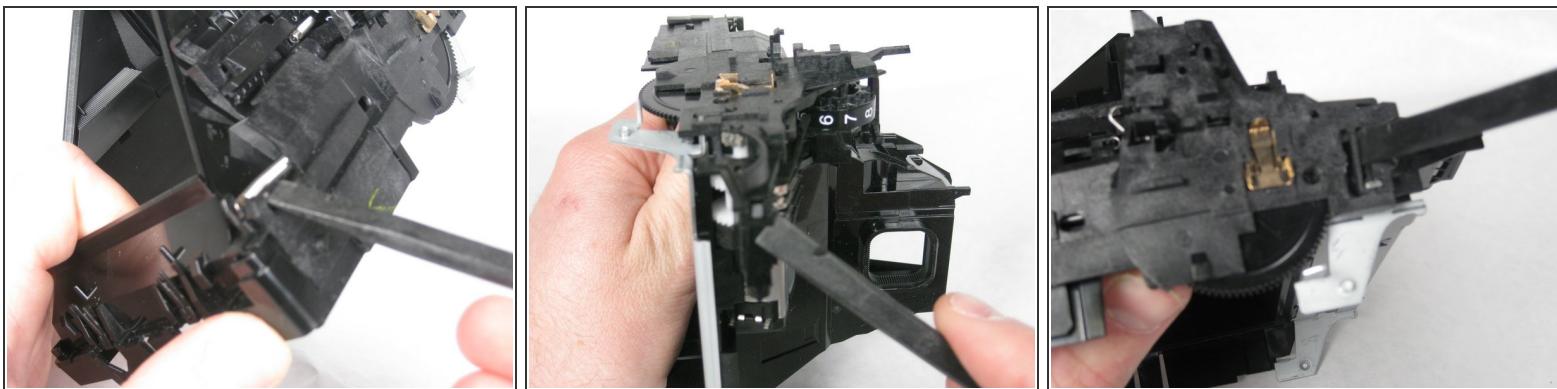
## Step 19



- The top of the pyramid has cover that can be lifted off
- Below is the mirror which is held in by a tab.
- Lift the tab with the spudger and pop out the mirror.

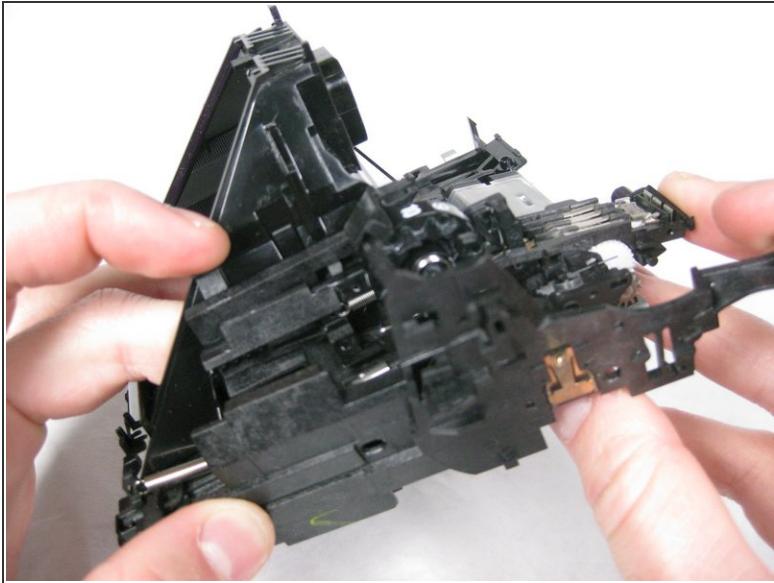
! If you intend to reassemble the camera make sure the mirror is completely clean without any spots or fingerprints because they will affect the quality of your pictures.

## Step 20



- There are 4 tabs total that must be removed for the next step
- The first is directly under the spring mounted at the back left of the camera
- The next is located on the front of the plastic extension
- The third tab is used to connect the metal frame to the outer plastic

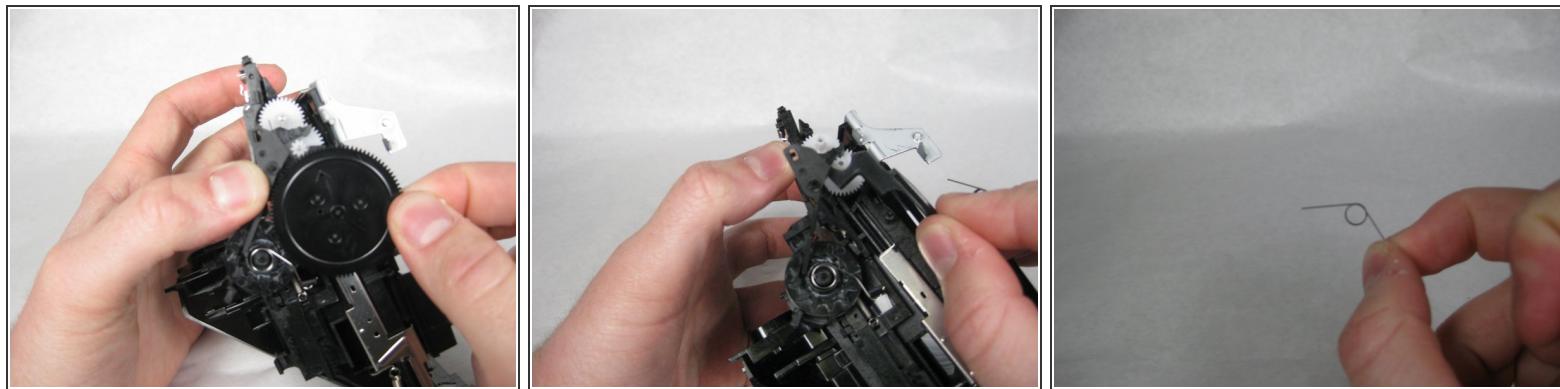
## Step 21



**⚠** The final tab holds several spring loaded pieces together, these may pop out the moment the tab is released.

- The final tab is located below the backside of the photo-counter dial.
- The numbers will be right side up if you are looking in the right direction.
- Once all four tabs are removed the plate pulls out from the slot in the rear.

## Step 22

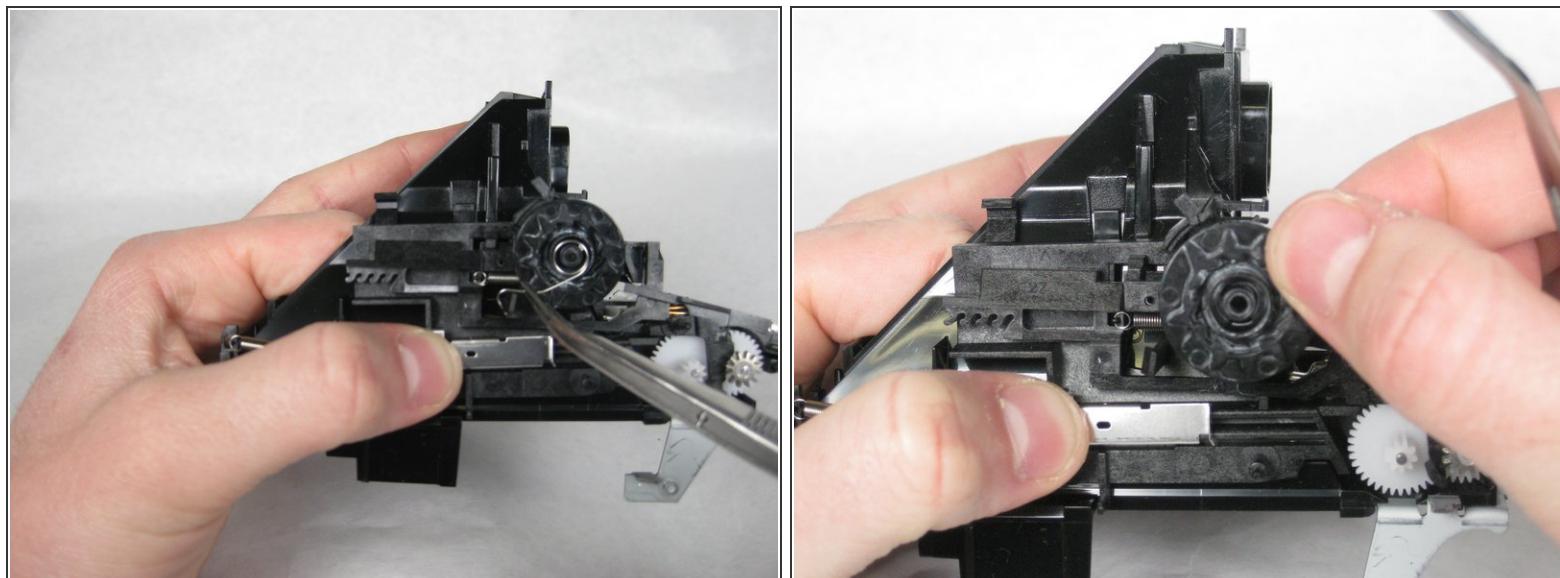


- Lift the large gear away from its pin

 The next piece is loaded with a small spring.

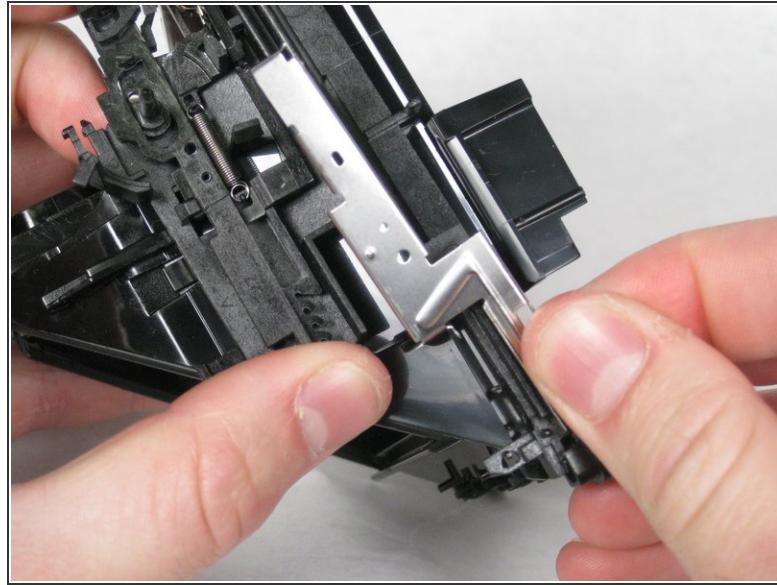
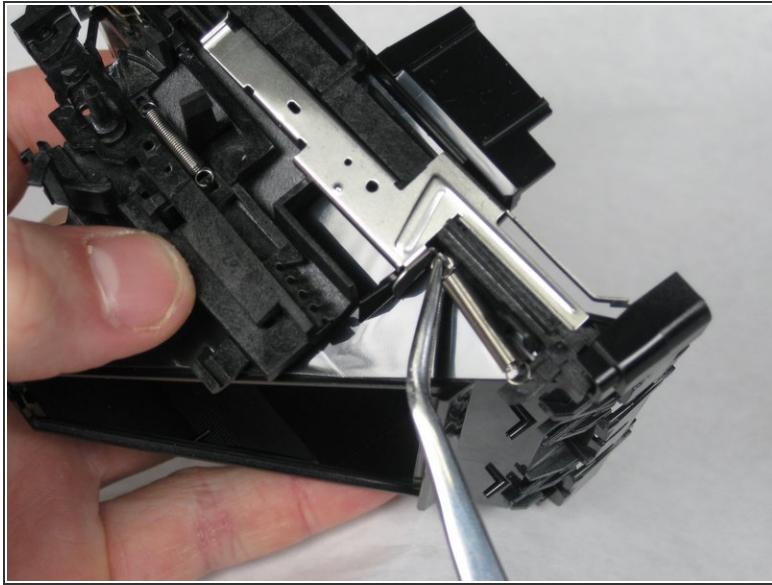
- Carefully lift the "Y" shaped plastic piece from its pin and pull the spring from the pin as it is removed.

## Step 23



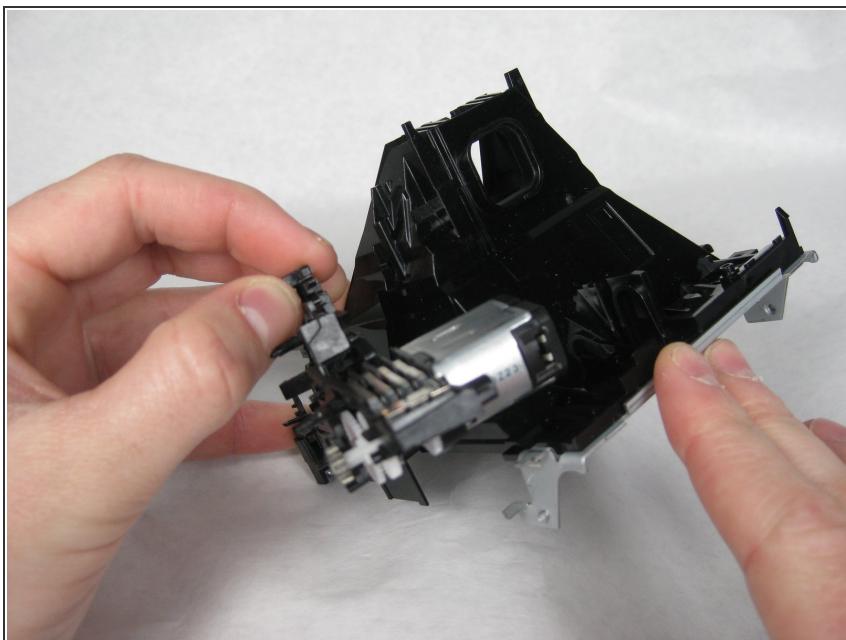
- Remove the Spring attached to the photo-counter dial.
- Lift the photo-counter Dial off of its pin.

## Step 24



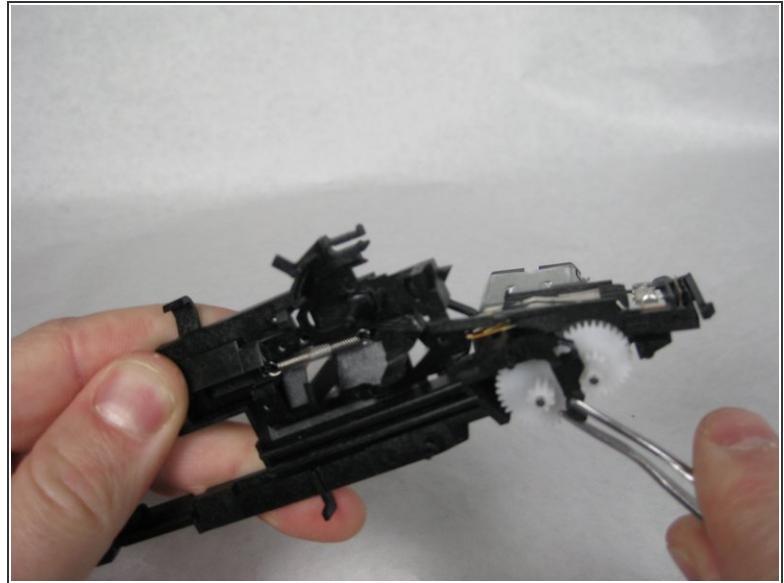
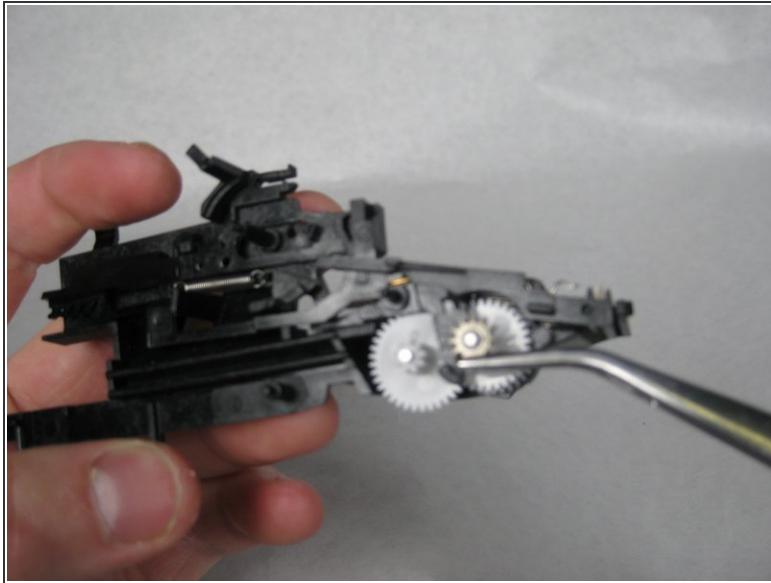
- Remove the spring attached to the film eject metal slide.
- Remove the film eject metal slide

## Step 25



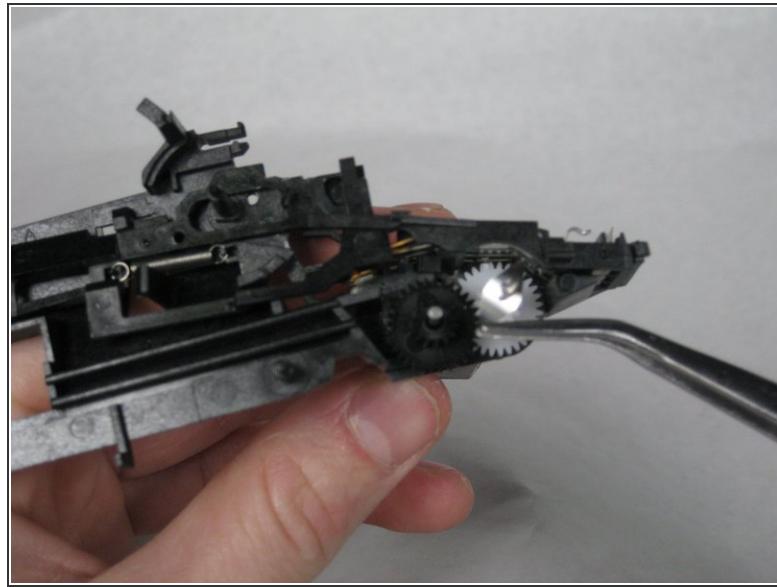
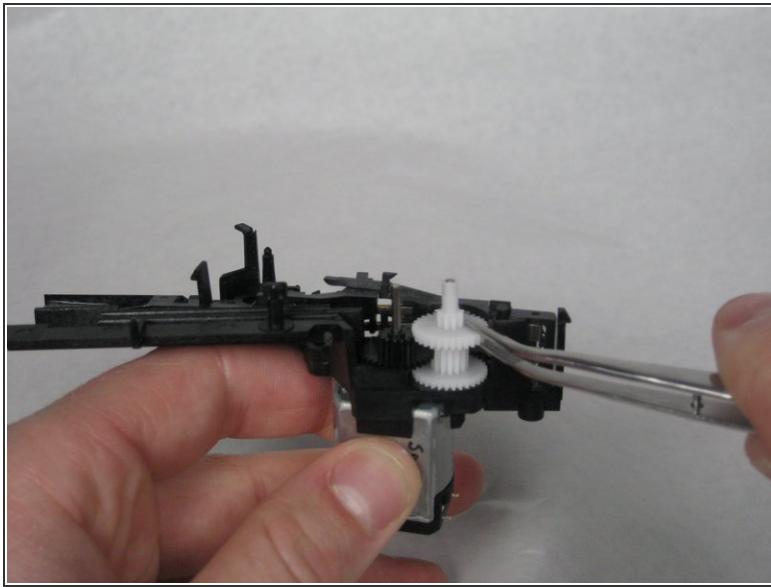
- Remove the plastic extension by pulling it from the slot in the rear of the camera.

## Step 26



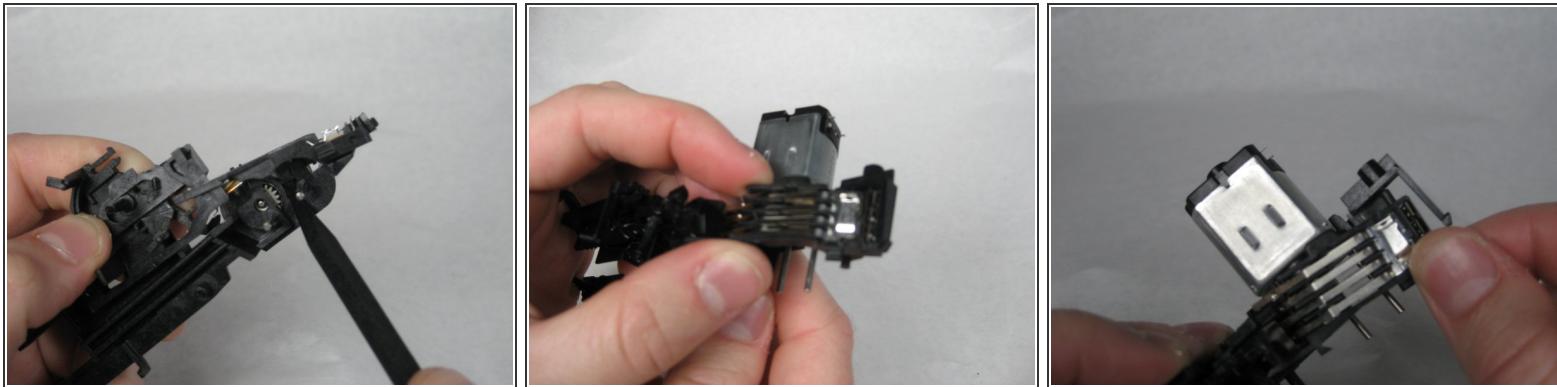
- Remove the metal gear from the gear set.
- Pull the "L" shaped black plastic piece off of its pin.

## Step 27



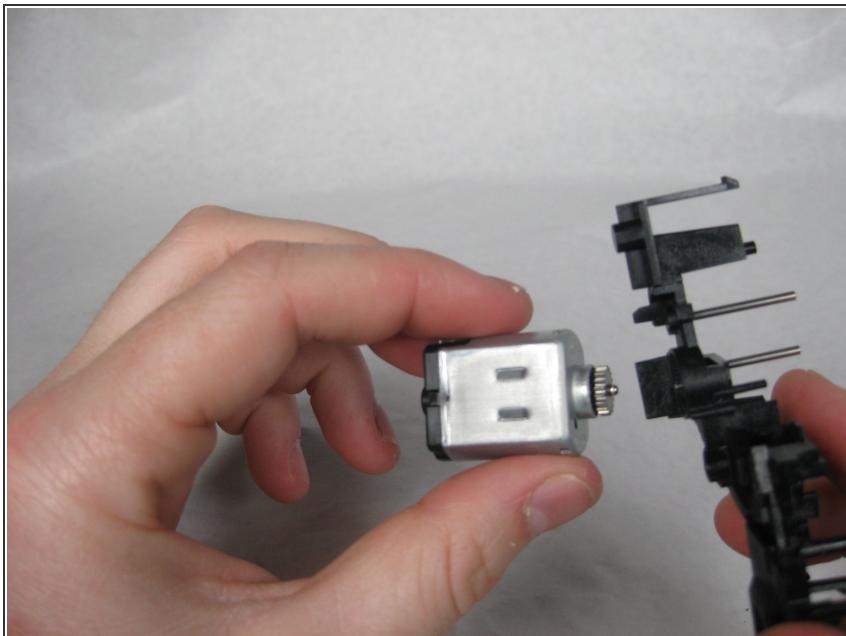
- There are four gears to remove.
- The gear on the left goes first, followed by the the right.
- The right gear has a small leaf spring between it and the gear below it.
- Then remove the black gear and then the last white gear.

## Step 28



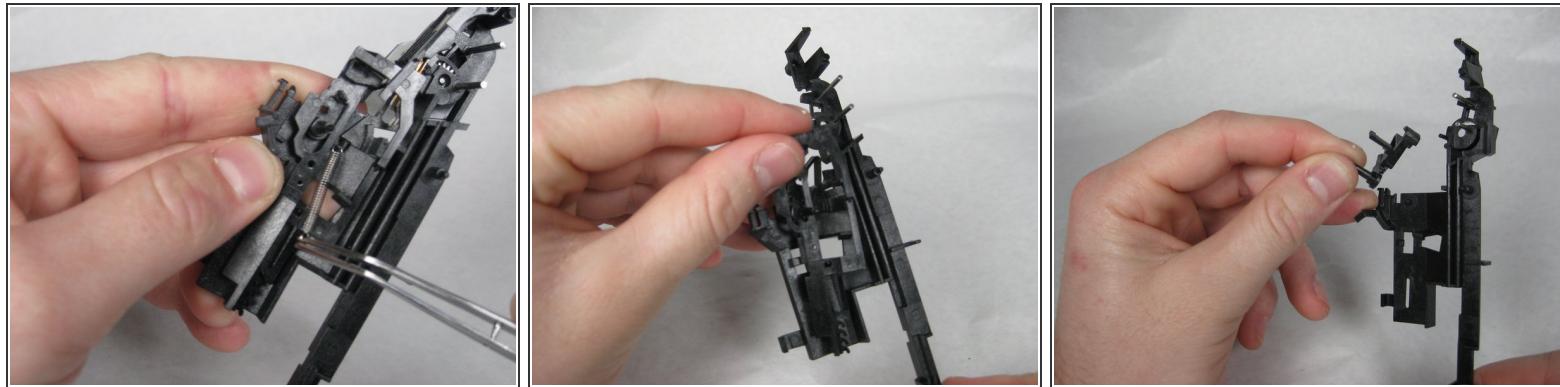
- Using the pointed end of the spudger, press the clip that is beneath all the gears next to the electric motor gear.
- Lift the plastic box containing several long metal tabs
- Then slide the box out.

## Step 29



- Pull the electric motor straight out of the plastic piece.

## Step 30



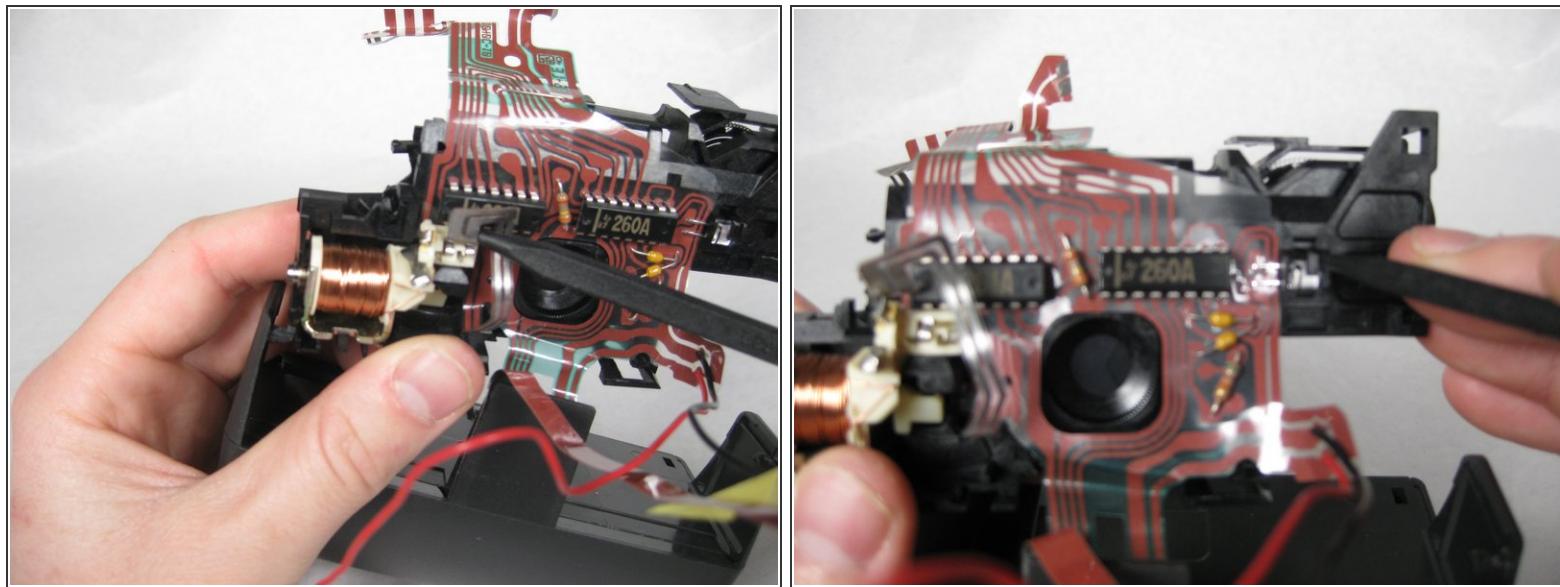
- Remove the spring located in the middle of the plastic mechanism.
- Remove the two loose plastic pieces.

## Step 31



- To remove the metal frame, press the two tabs with the spudger and slide it forward.

## Step 32



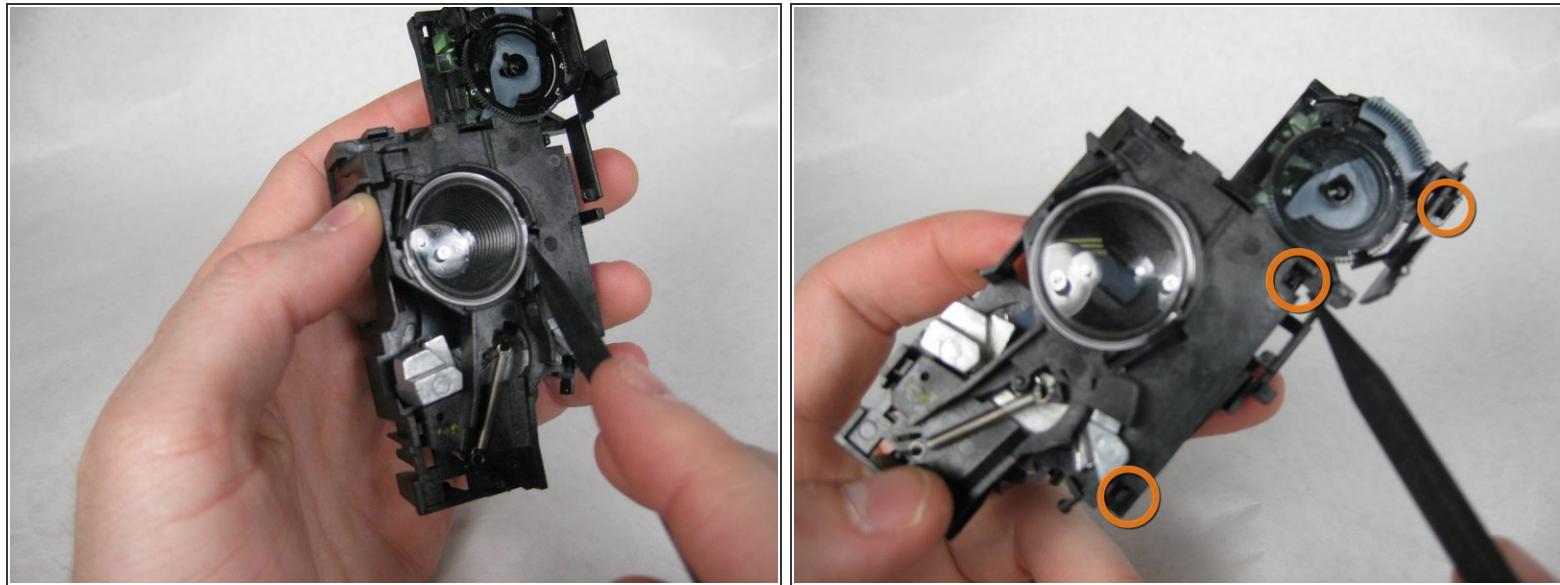
- With the point of the spudger, remove the band wire from the solenoid.
- Remove the small LED from its clip, and then lift the flat wire array and the flash compartment away from the back of the lens plate.

## Step 33



- Remove the solenoid from the back of the lens plate by removing the two tabs.

## Step 34



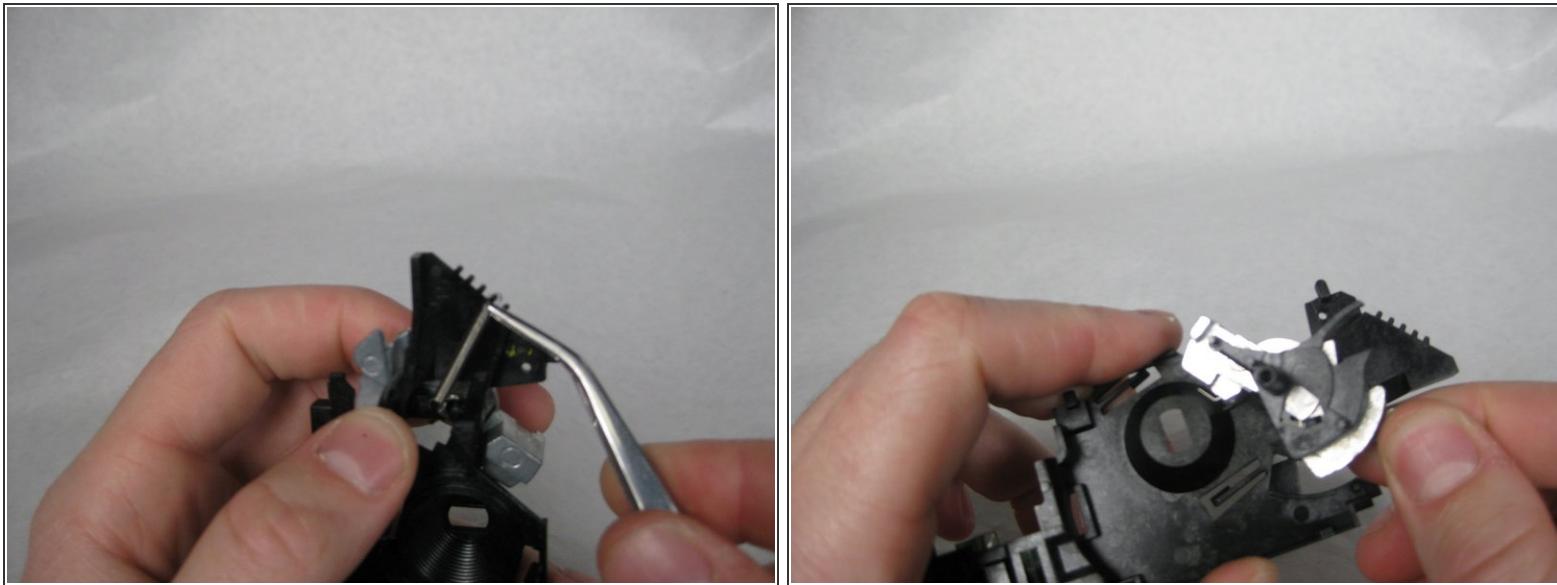
- Remove the lens by pressing the tab.

! CAUTION: The lens may pop out when the tab is released.

- Remove the back of the lens plate by unhooking the three clips that hold it together.

! CAUTION: The Shutter leaves may fall out during this step.

## Step 35



- Remove the spring on the plastic bridge that attaches to the shutter mechanism
- Remove the Shutter mechanism from the back of the lens plate.

## Step 36



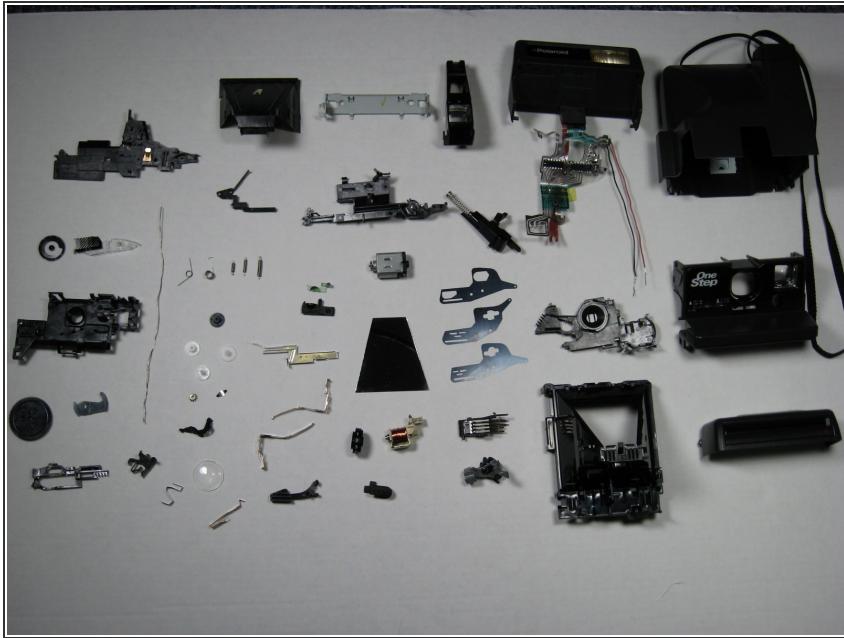
- Remove the Clear dial by unhooking the tab at the bottom of the dial
- Lift the light blue piece out of the mechanism.
- Lift the black piece out of the plastic plate.

## Step 37



- Remove the clear green prism from the plastic plate.

## Step 38



- The disassembled camera.

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