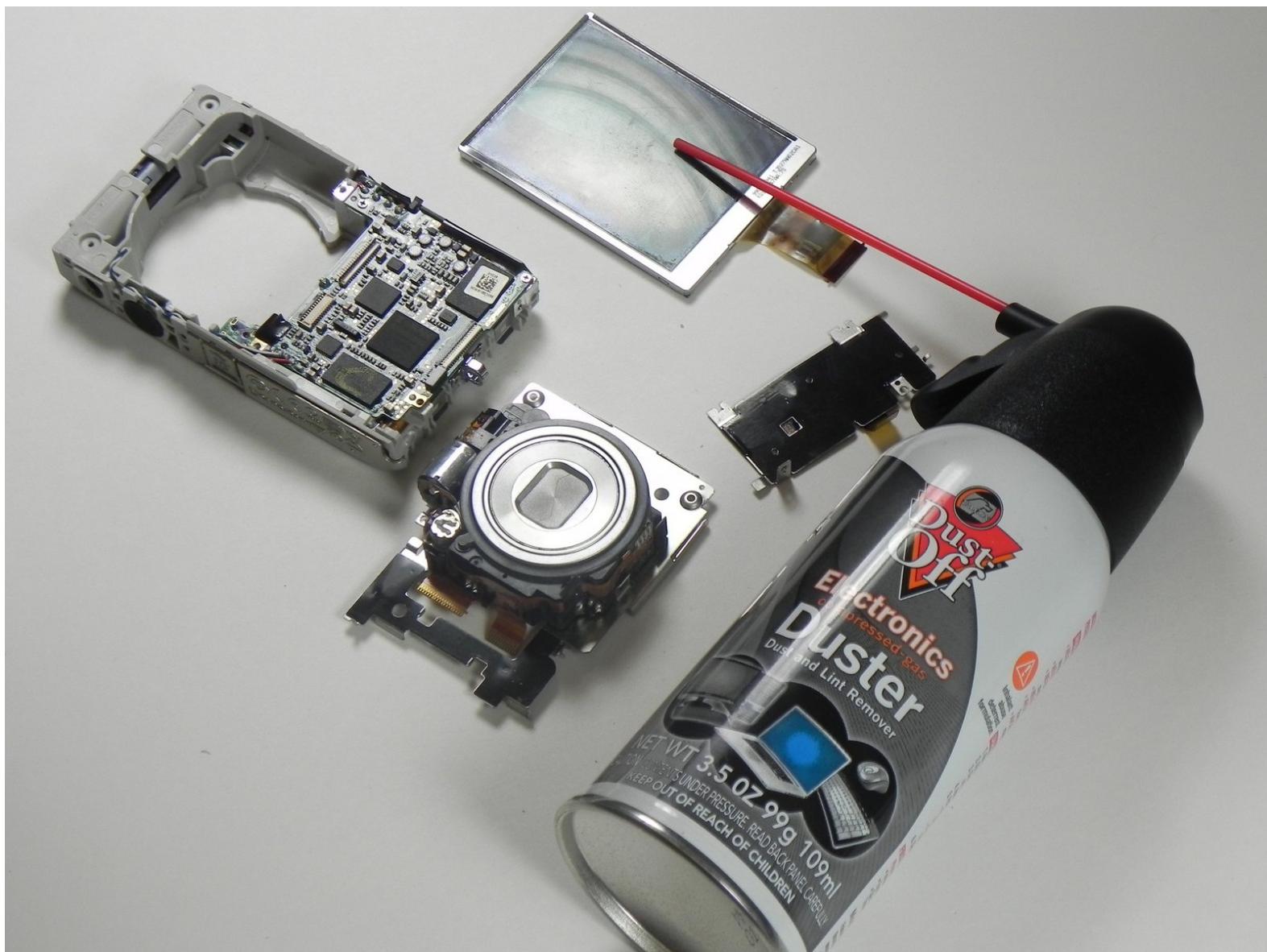




# Nikon Coolpix S3100 Camera Disassembly

This guide will accomplish the clean of small parts when sands get inside the camera.

Written By: Jorge



## INTRODUCTION

If you happened to drop camera into dirt or sand, this guide will explain to you on how to clean it.

### TOOLS:

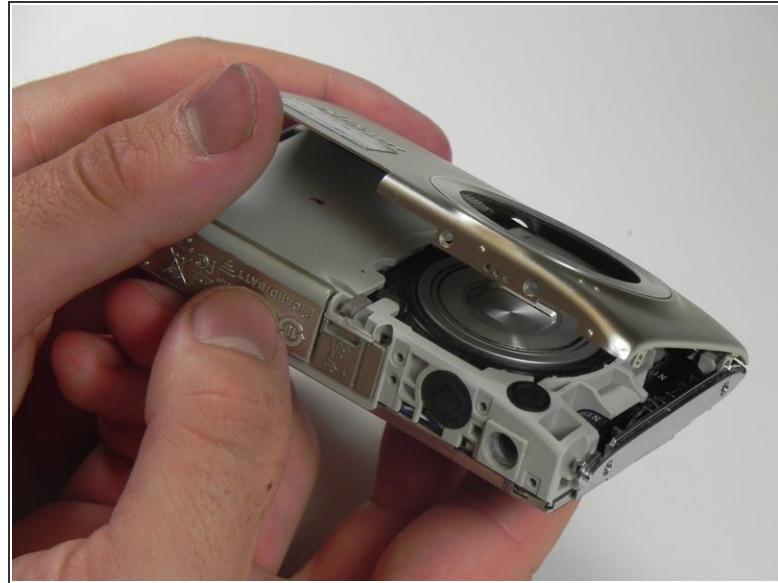
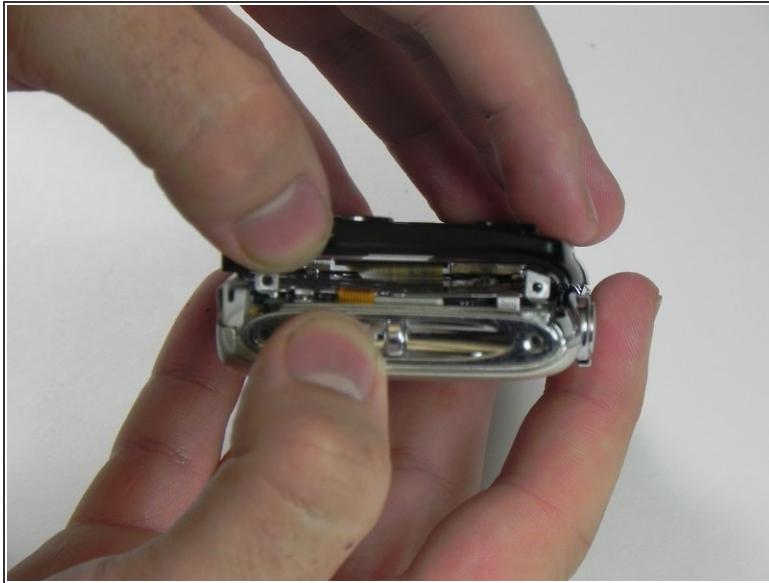
- [Phillips #000 Screwdriver](#) (1)
- [Spudger](#) (1)
- [Compressed Air](#) (1)

## Step 1 — Nikon Coolpix S3100 disassembly



- Remove 8-2.46 mm screws from both sides and bottom of camera using a #000 Phillips screwdriver.
  - Remove 2 screws from left side. (picture 1)
  - Remove 4 screws from bottom. (picture 2)
  - Remove 2 screws from right side. (picture 3)

## Step 2



- Remove black cover pulling up with left thumb. Hold silver cover with right thumb.
- Remove silver cover lifting up with left thumb. Hold the camera with right thumb.

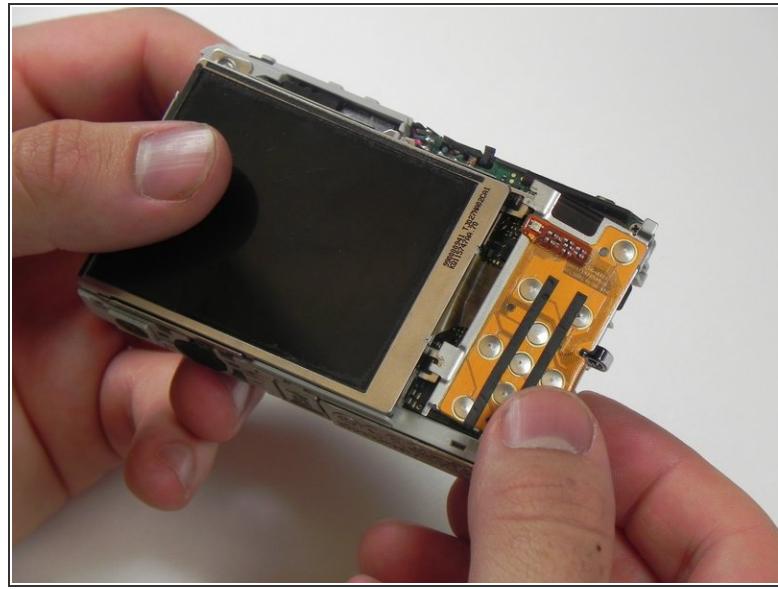
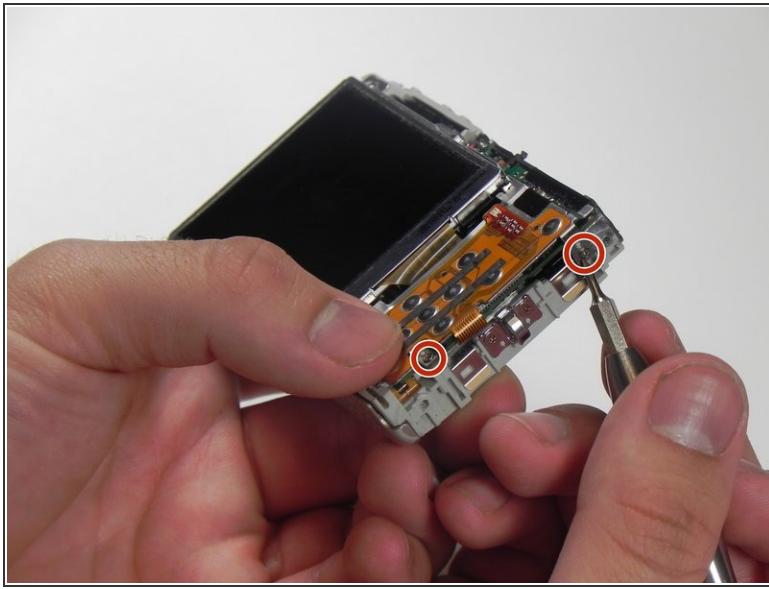
**⚠** Once internal circuit board is exposed, the red and blue wire terminals at top center can provide a nasty shock from the charged flash capacitor (silver can to left of terminals). BE CAREFUL!

## Step 3



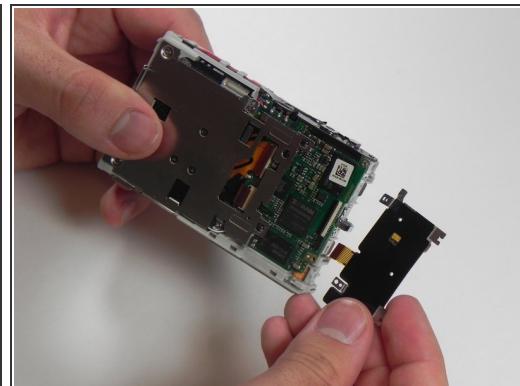
- Remove 2-2.10mm screws in the front of the camera using a #000 Phillips screwdriver.
  - Remove the two screws.
- Gently pull up to detach the frame. (picture 2)

## Step 4 — Nikon Coolpix S3100 Camera Disassembly



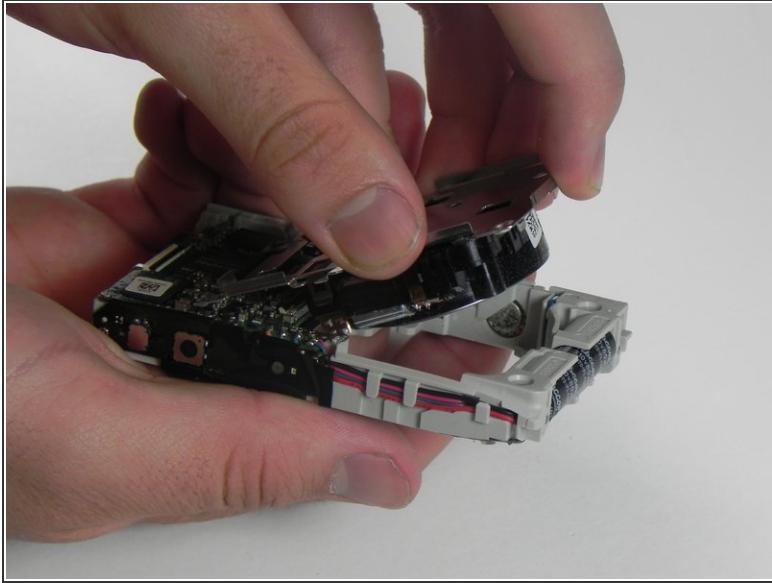
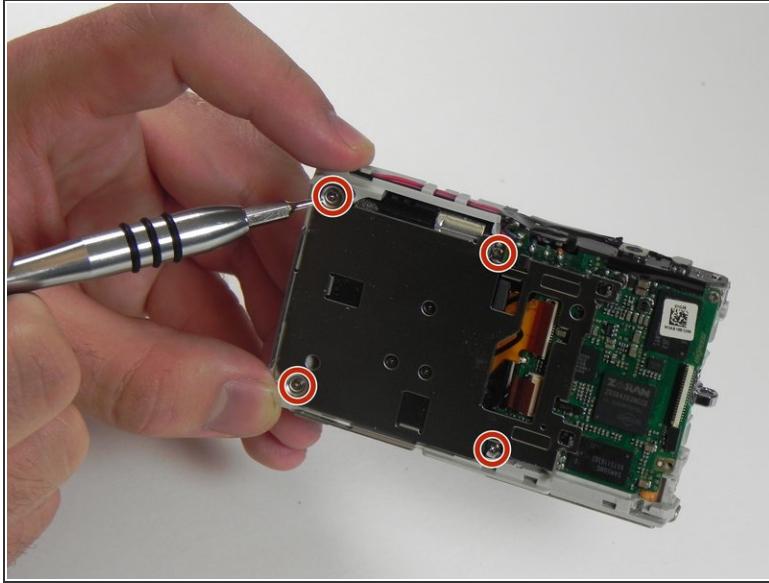
- Remove 2-2.10mm screws using a #000 Phillips screwdriver.
- Gently pull the orange board to the right. (picture 2)

## Step 5



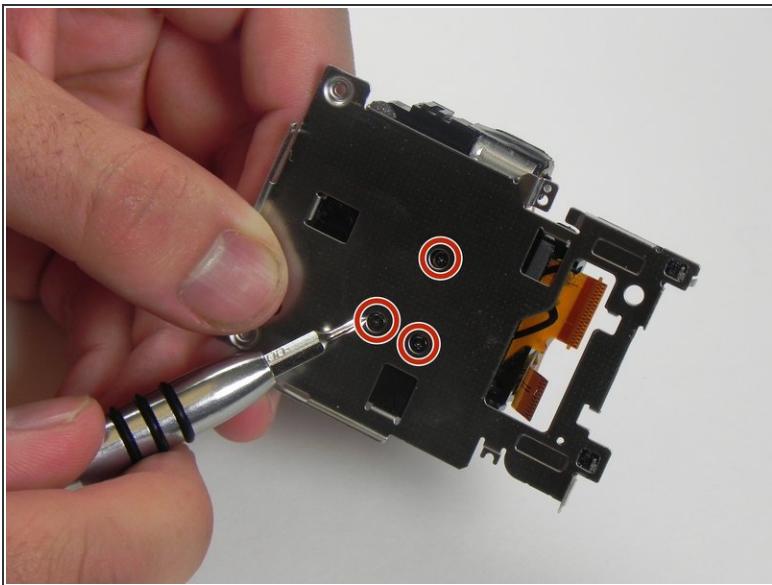
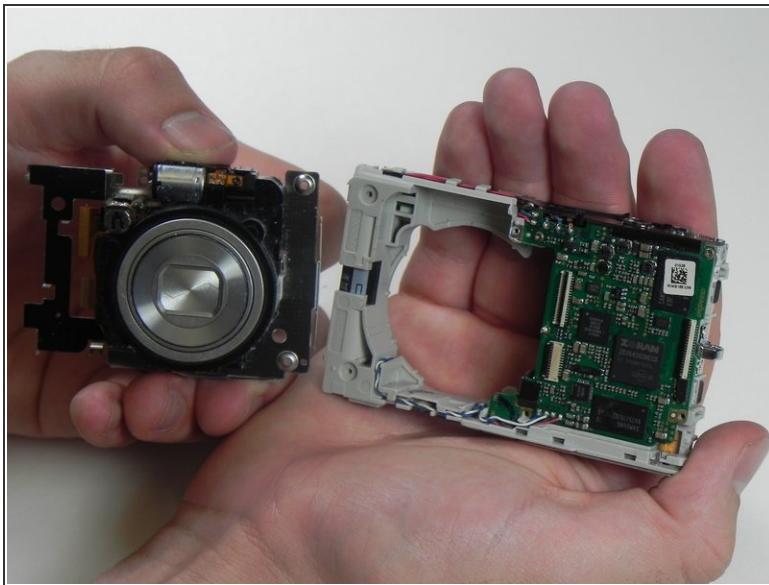
- Lift screen up holding the corners.
- Gently pull to the left to release from ZIF connector. (picture 2)
- Gently pull the orange board to the right. (picture 3)

## Step 6



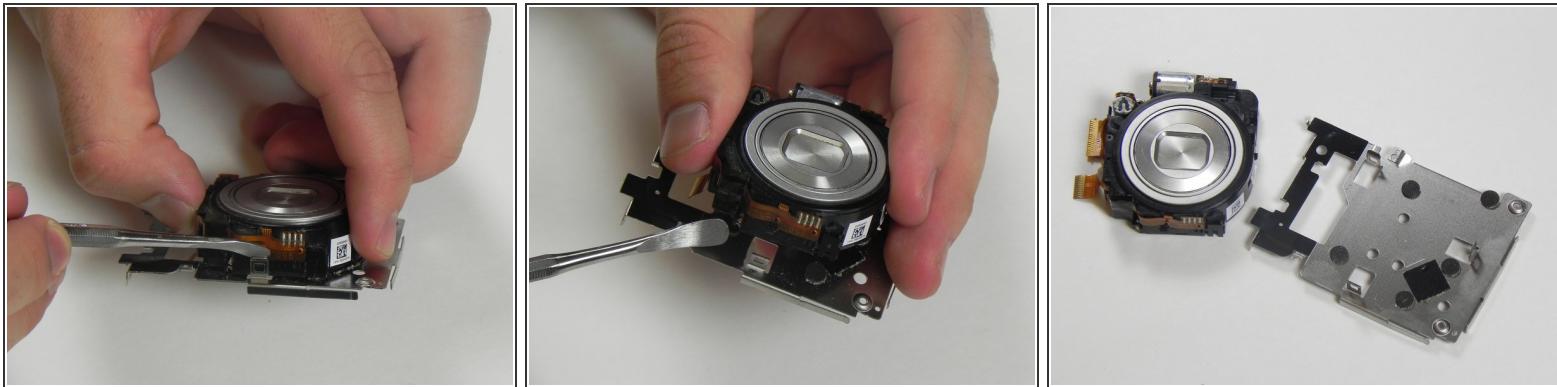
- Remove 4-2.10mm screws using a #000 Phillips screwdriver.
- Gently pull the shutter up. (picture 2)

## Step 7



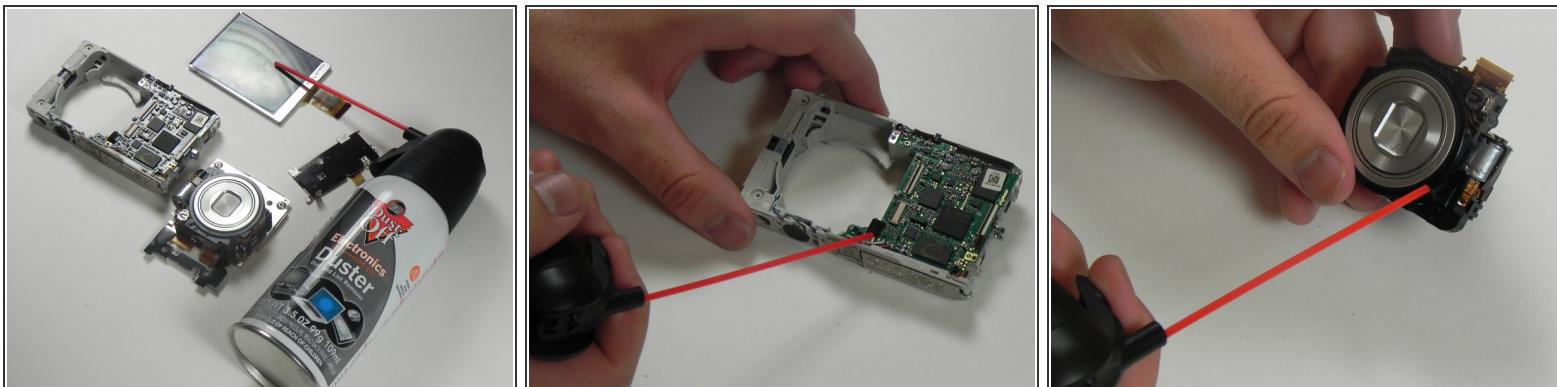
- Lens is now separated from body.
- Remove 3-2.12mm screws using #000 Phillips screwdriver.

## Step 8



- Use a nylon or metal spudger to release the lens.
- Repeat step 4 to the opposite side of the lens. (picture 2)
- Lens is now separated from metal.

## Step 9



- Once you have all the parts separated, start cleaning them with an air compressor bottle. (as shown)
- Using the provided straw, start spraying the parts. (pictures 2 and 3)

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