



Nikon Coolpix P510 Lens Assembly Replacement

This guide steps you through taking the camera apart to get to the lens assembly so that you might be able to replace it.

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INTRODUCTION

This guide takes a little time to get to the lens assembly. However, it is fairly easy and only requires vary minimal amount of tools to do so.



TOOLS:

- [Phillips #000 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Tweezers](#) (1)
 - [Phillips #00 Screwdriver](#) (1)
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Step 1 — Lens Assembly



- Flip the camera upside down and remove six 3mm PH00 Philips screws with a Philips screwdriver.
- On the thumb grip, remove the one 4mm PH00 Philips screw.

Step 2



- With the camera upside down, remove the three 3mm PH00 Philips screws on the left side.
- ❗ One of the screws are under the HDMI and A/V Out cover.

Step 3



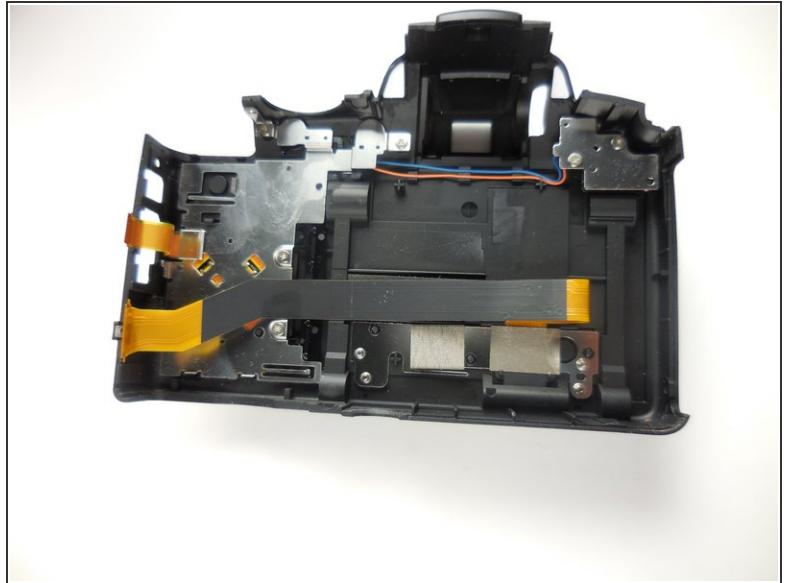
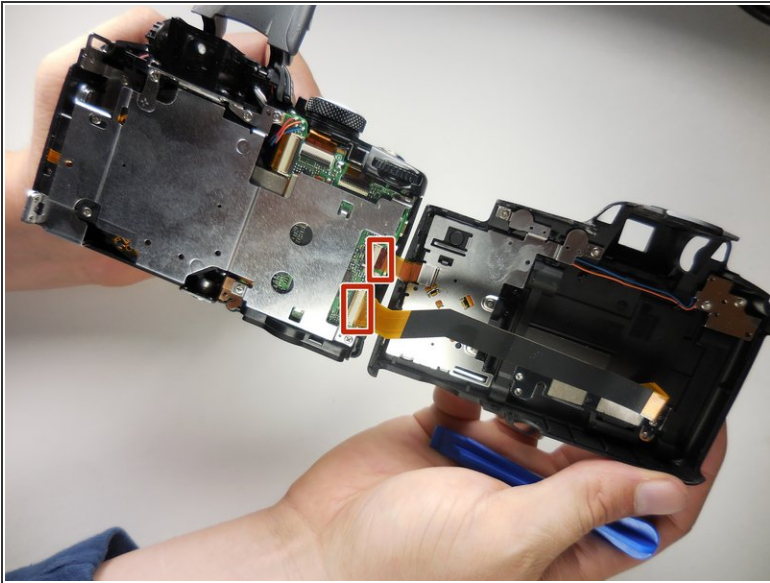
- On the opposite side of the camera, remove the two 3mm PH00 Philips screws.

Step 4



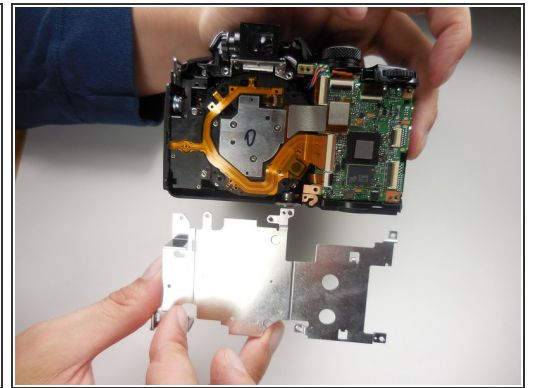
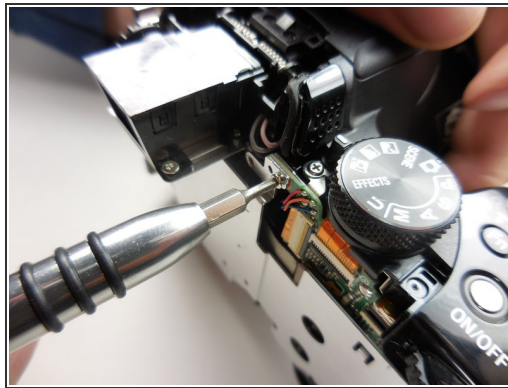
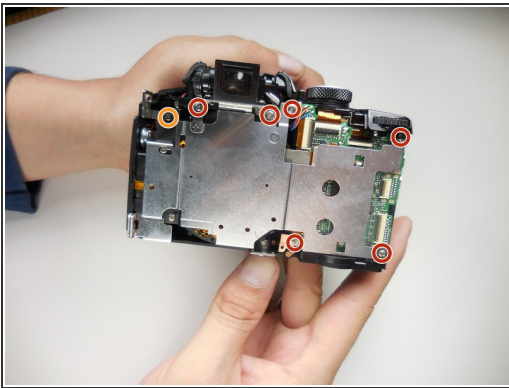
- Open the flash and use a plastic opening tool to pop the tab under it as shown.
- Now pull the casing apart.
- The tripod attachment may fall out on its own, or you will need to pull it out.

Step 5



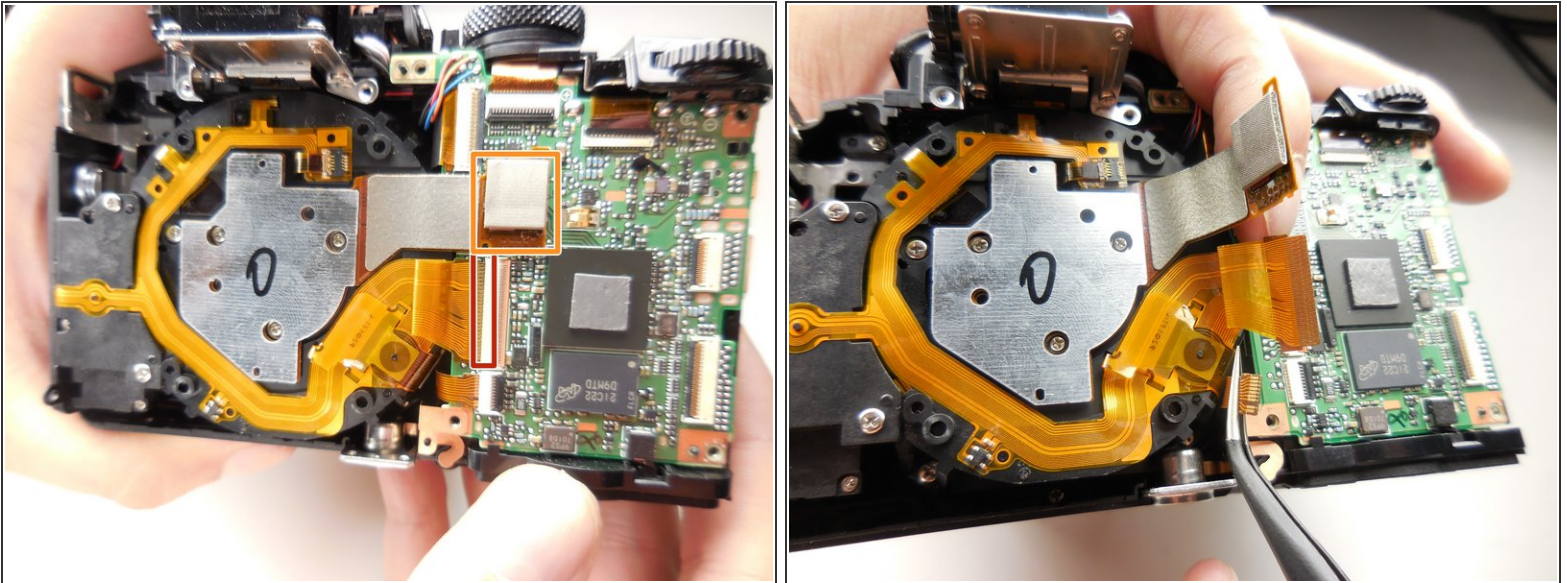
- Unplug the two ribbon cables to completely detach the back.

Step 6



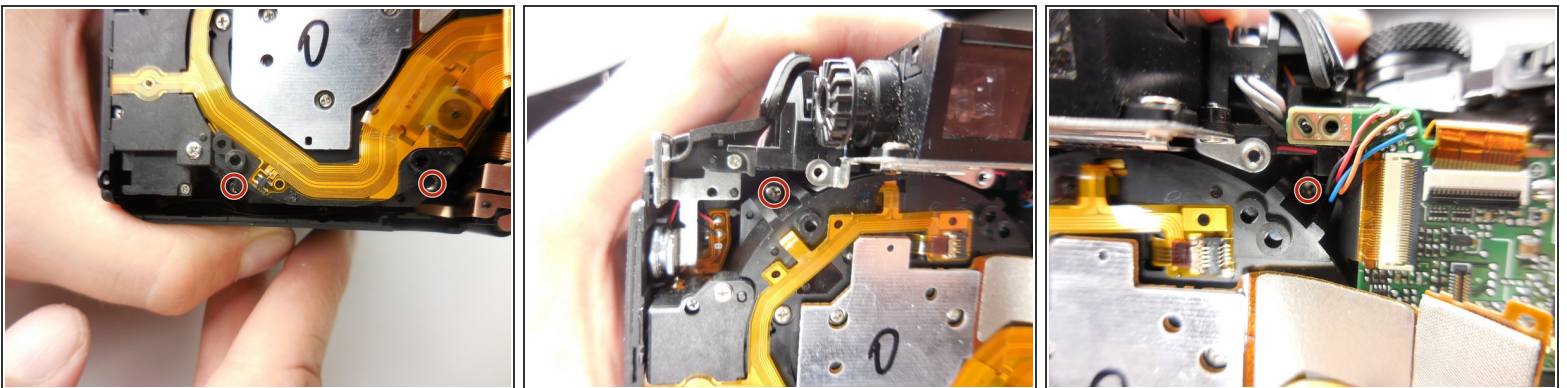
- With the back separated, you need to remove six 3mm PH000 Philips screws with a Philips screwdriver.
- Remove one 5mm PH00 Philips screw
- i To remove the top right corner screw, you may need to lift the corner of the case to gain access to it.
- With all the screws out, the metal plate should simply lift off.

Step 7



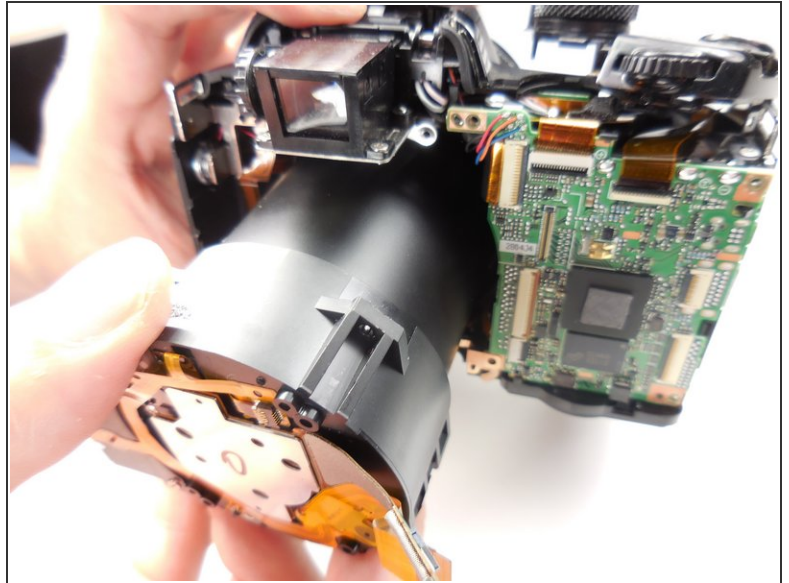
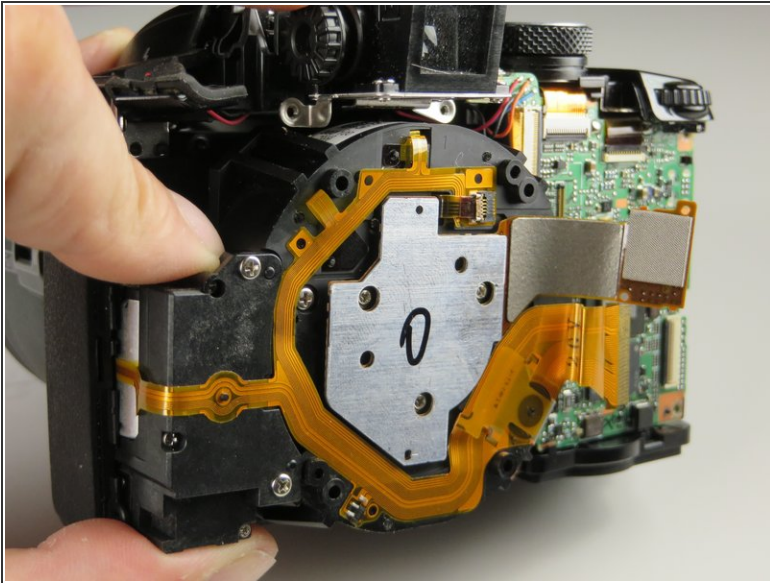
- With the metal plate off, unplug this ribbon cable from the motherboard.
- To remove the flat-topped connector, you simply lift it up to unplug it.

Step 8



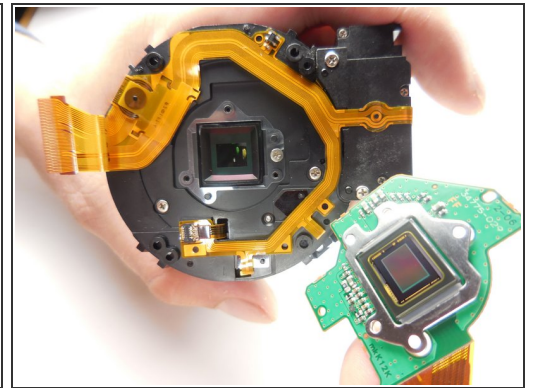
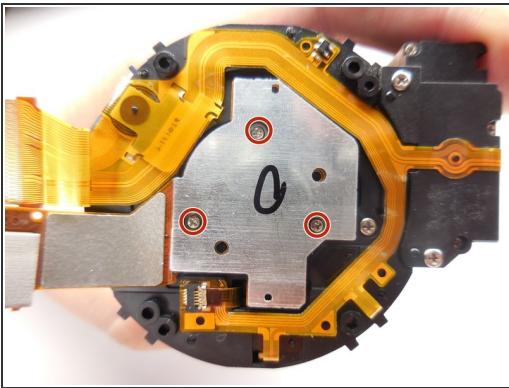
- To get the lens assembly out, you need to remove four 6mm PH00 Philips screws

Step 9



- With the support screws out, you can simply slide the assembly out of the casing.

Step 10



- ☑ If you are moving on to take the lens casing off, you do not need to do this step.
- With the assembly out we need to take of this last piece by removing the three 3mm PH000 Philips screws.

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