



Epson Stylus Photo 1400 Printhead Replacement

How to replace a Print Head for Epson Stylus 1400.

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INTRODUCTION

This guide shows how to replace a printhead. Consistently poor print quality even after printing and replacing ink might be caused by a faulty printhead. This process requires the knowledge of how to use basic tools.

TOOLS:

- [Flathead Screwdriver](#) (1)
- [Phillips #2 Screwdriver](#) (1)
- [Tweezers](#) (1)

PARTS:

- [Printhead](#) (1)

Step 1 — Housing



- Turn off the printer.
- Disconnect all data connections coming into the printer such as USB, network cables, firewire, etc. as well as removing the power cord.

Step 2



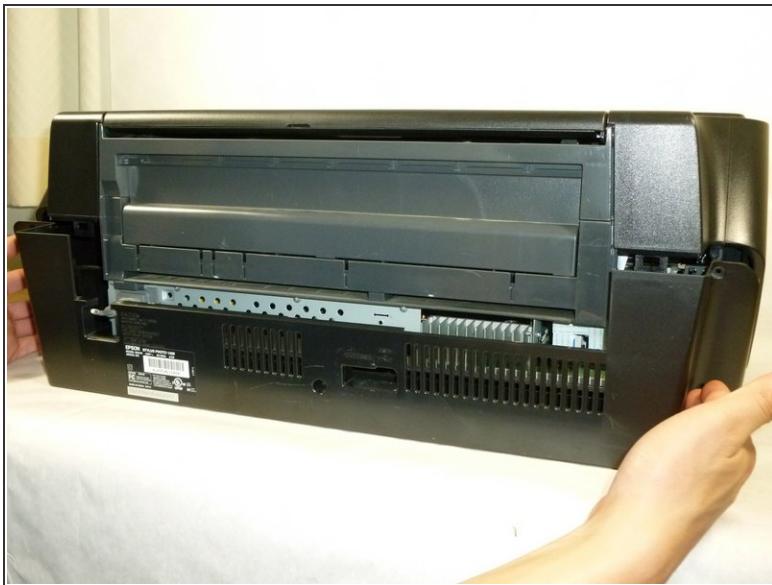
- Locate the IEEE cover in the back.
- Gently slide cover to the right to unlatch then pull to remove it.

Step 3



- Using a #2 Phillips screwdriver, remove the four 10mm screws shown.
- Remove the 6mm screw that holds the rear housing in place.

Step 4



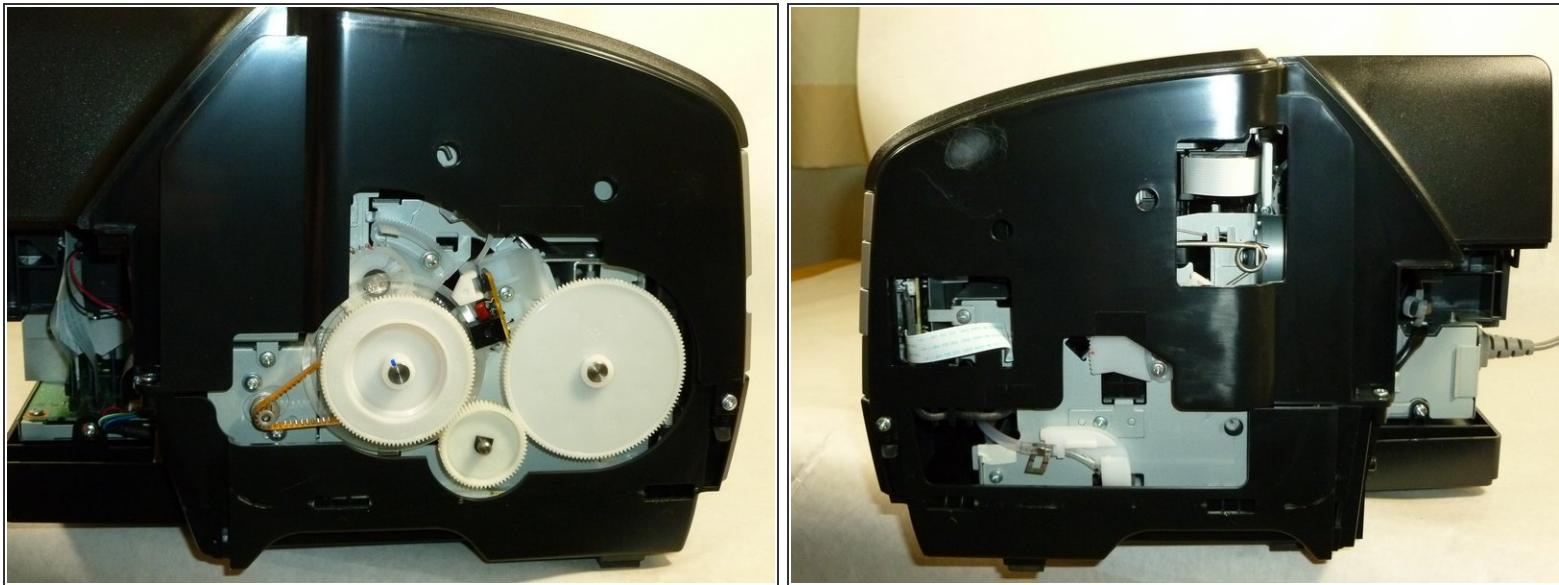
- Remove the rear housing by pulling it backwards.

Step 5



- Insert the flathead screwdriver or plastic pry tool into the cutouts of the lower housing.
- Release the two tabs of the side housing by lifting the tool in an upward motion
- Remove the side housing by pulling it outwards.

Step 6



(i) Both side housings are attached by the same type of mechanism.

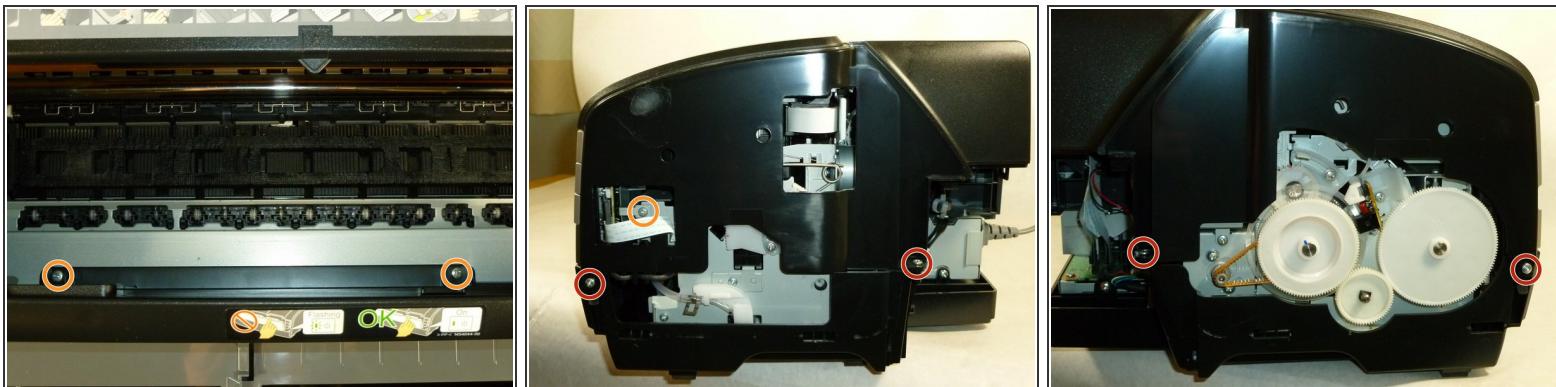
- Using the same method, remove the other side housing.

Step 7



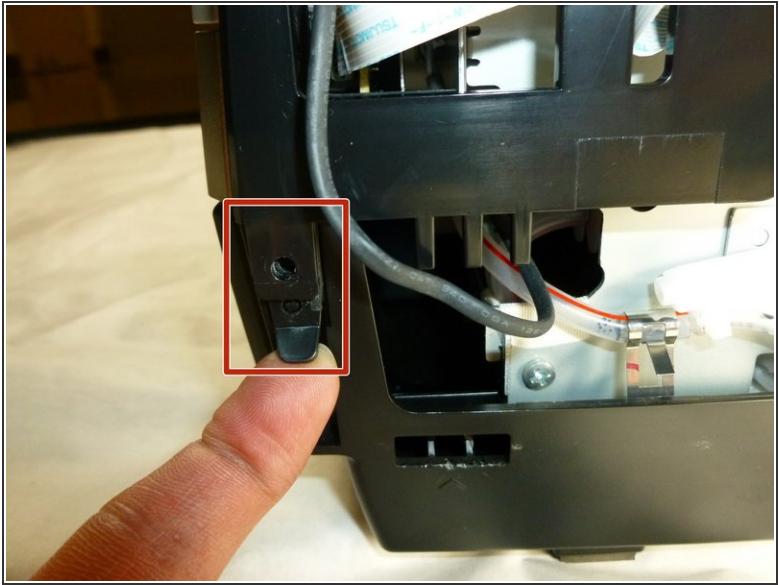
- Lift the paper support.
- Open the printer cover and front cover.

Step 8



- Remove the four 10 mm Phillips #2 screws from the sides of the printer.
- Remove the three 6mm Phillips #2 screws.

Step 9



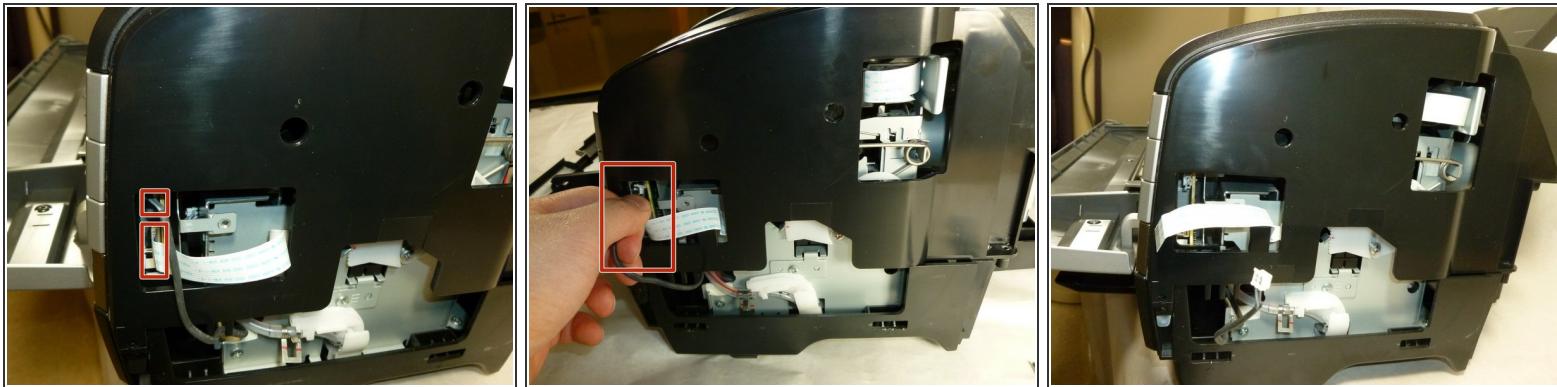
- Detach the tabs from the pins on each side by pulling it outwards.

Step 10



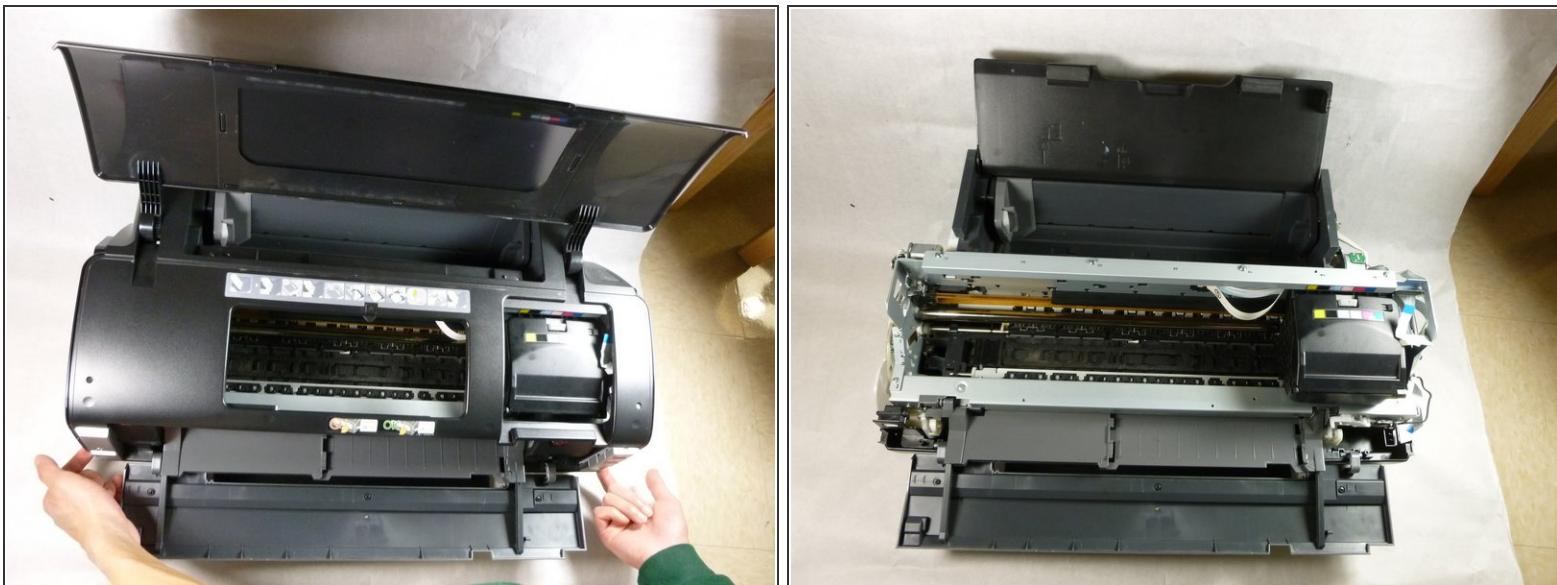
- Remove the two 10 mm Phillips #2 screws on the front of the printer.

Step 11



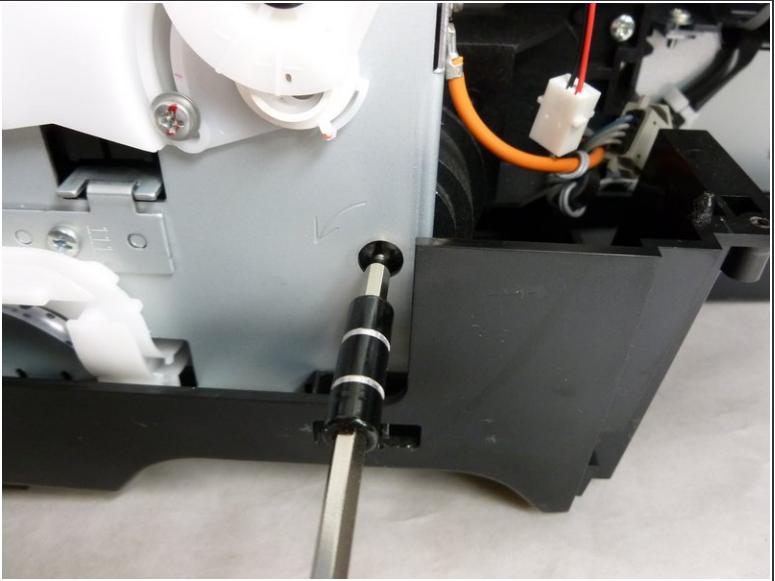
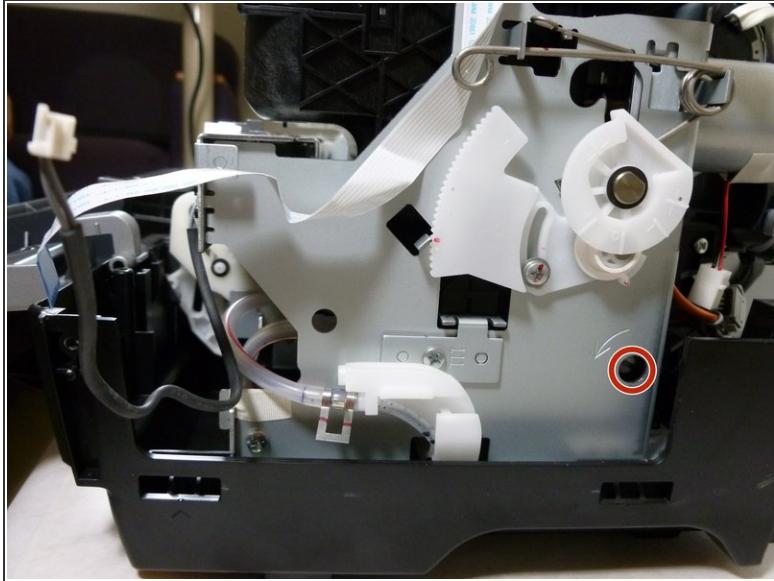
- Disconnect the cable on the side by carefully pulling it outwards.
- ⓘ You may need to gently rock the cable up and down while pulling.

Step 12



- Remove the upper housing by lifting it upwards.
- ⓘ It's easier to lift the housing by gripping it from the bottom.

Step 13 — Printhead



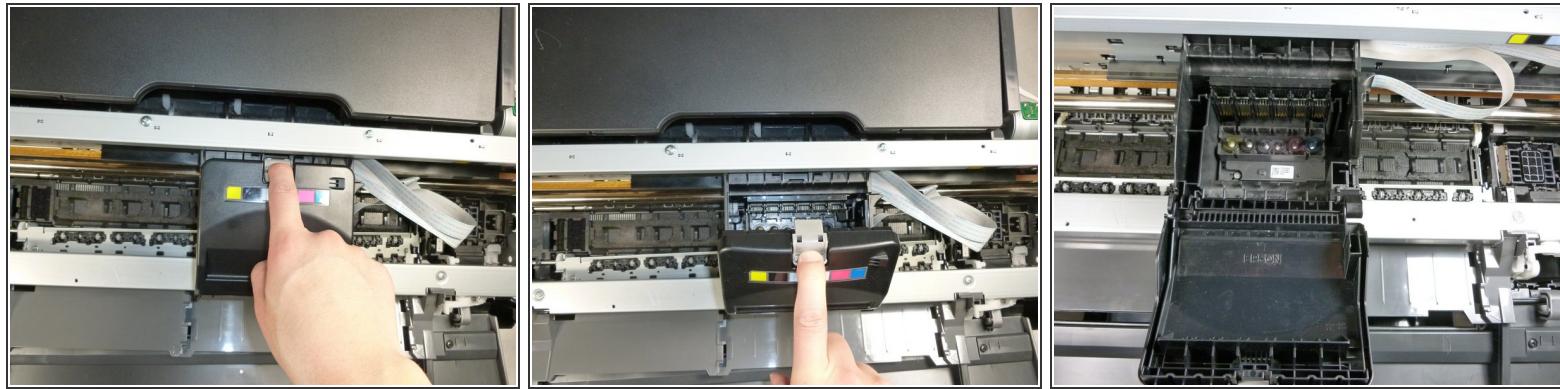
- Insert a flathead screwdriver into the hole on the right side of the frame.
- Turn the screwdriver counterclockwise until it stops.

Step 14



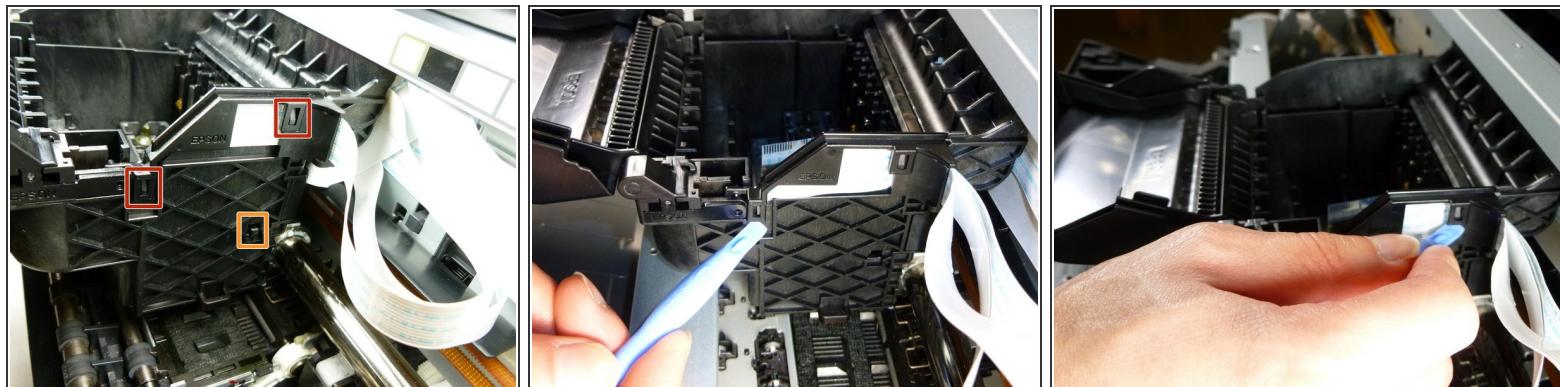
- Move the carriage unit to the center.

Step 15



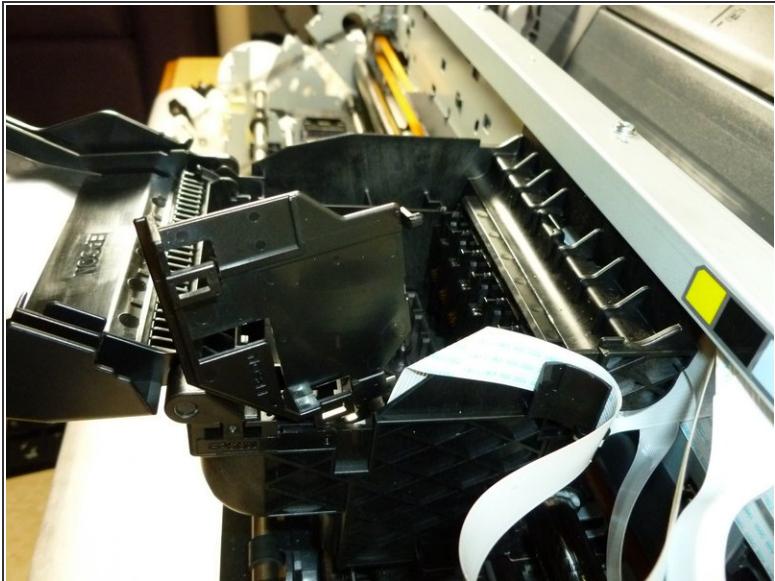
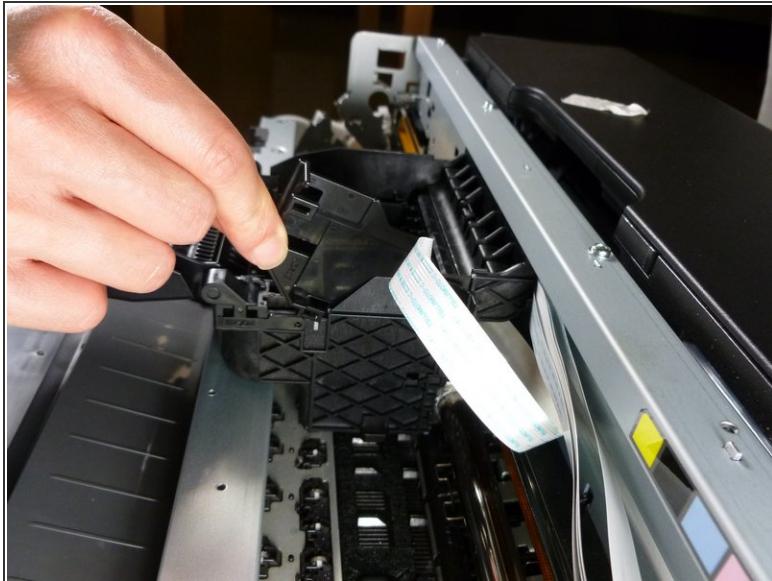
- Open the cartridge cover.
- Remove all the ink cartridges inside.

Step 16



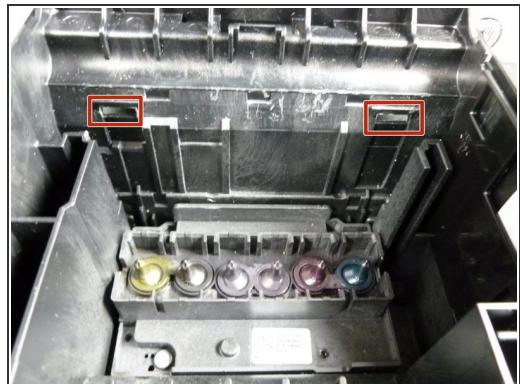
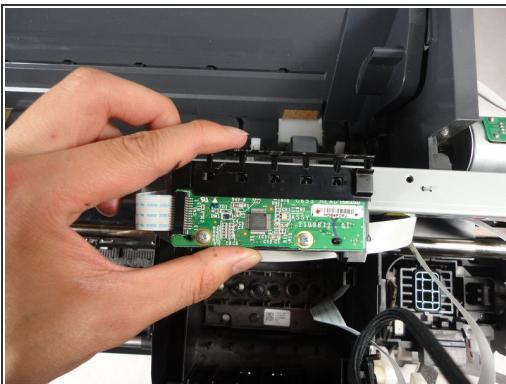
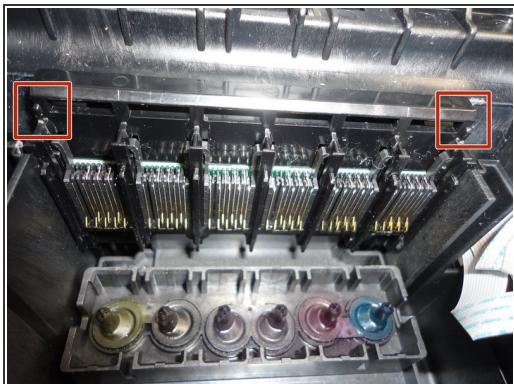
- Using a plastic opening tool, disengage the two upper tab on the side of the carriage unit.
- With a spudger or plastic opening tool, disengage the lower tab.

Step 17



- Slide the cover upward and rotate it around the hinge by 90°.

Step 18



(i) The CSIC assembly sits inside the carriage unit.

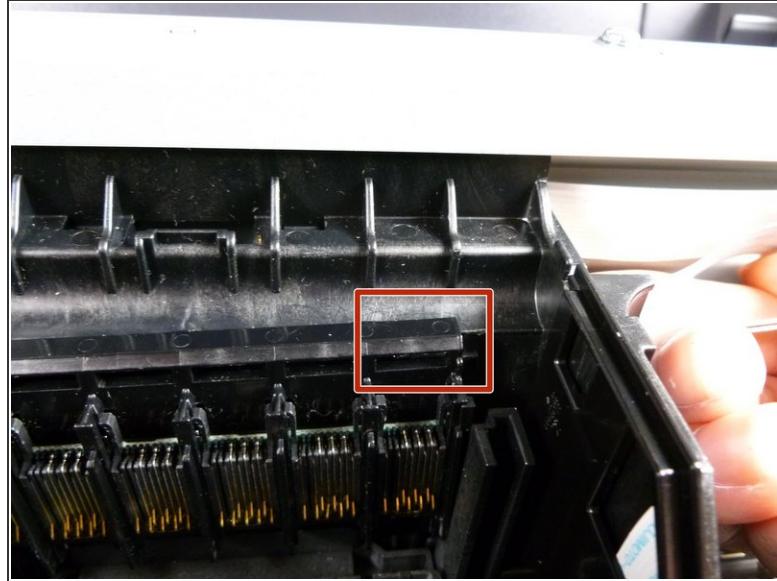
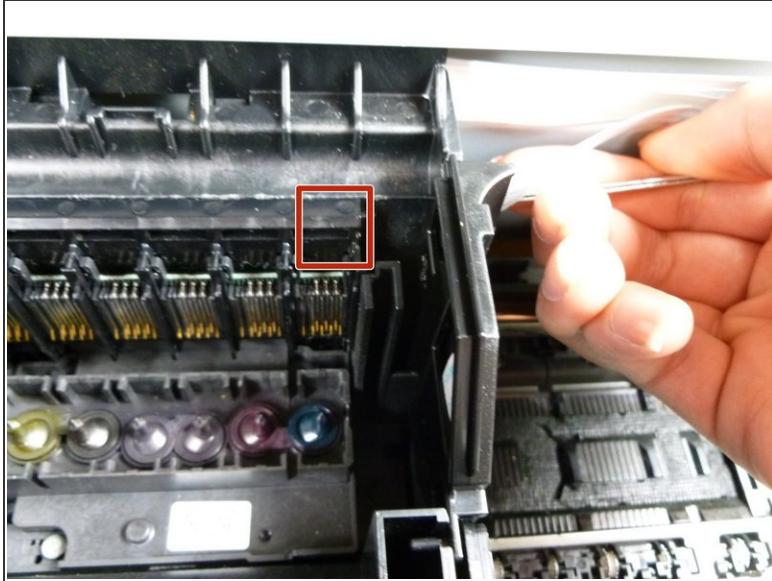
- Reaching from the back of the carriage unit, disengage the two tabs that hold the CSIC assembly in place.

(i) The tabs can be difficult to disengage. The second image shows the rear of CSIC assembly.

(i) The third image shows where the tabs lock onto the carriage unit.

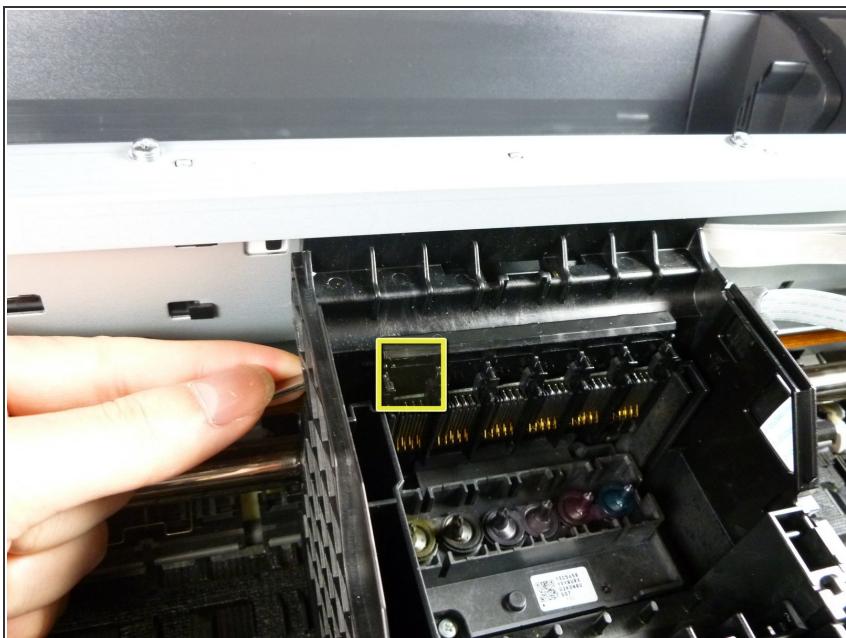
- Remove the CSIC assembly from the carriage unit.

Step 19



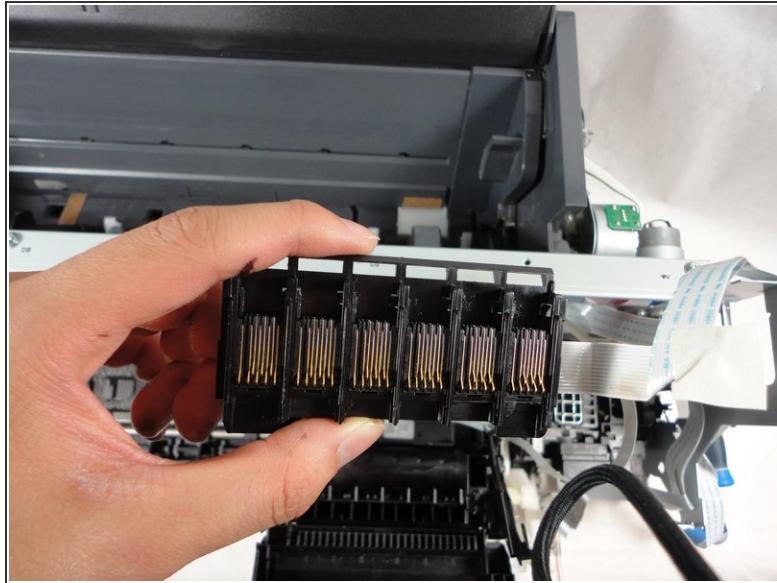
- Using tweezers, disengage the right tab from the back right panel of the carriage unit.
- Push the tweezers towards the front of the printer while pulling up on the right panel.
- When the tab is disengaged, you can pull the panel upwards slightly to prevent the tab from engaging.

Step 20



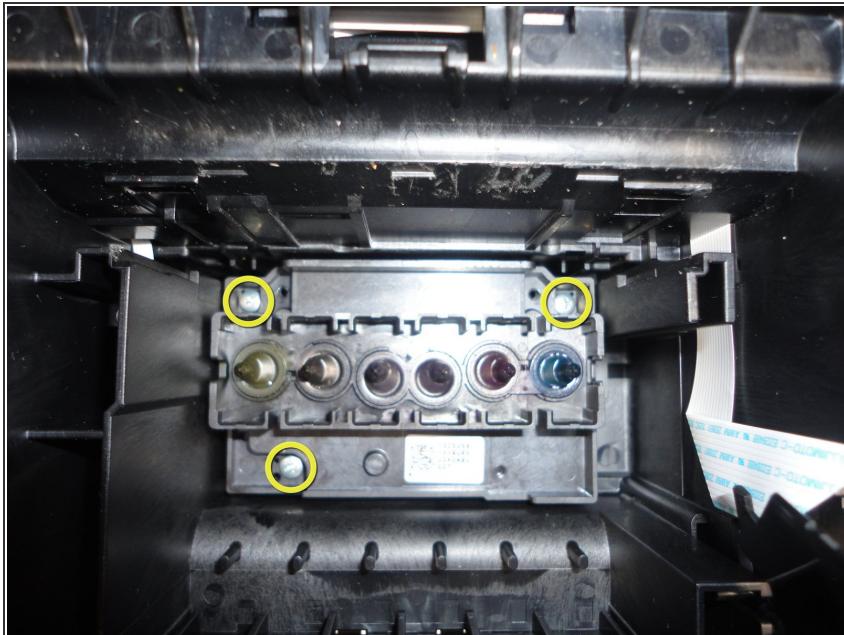
- Using the tweezers, disengage the left tab from the back left.
- Push the tweezers towards the front of the printer while pulling on the left side upwards.
- When both tabs are disengaged, the part is slightly raised.

Step 21



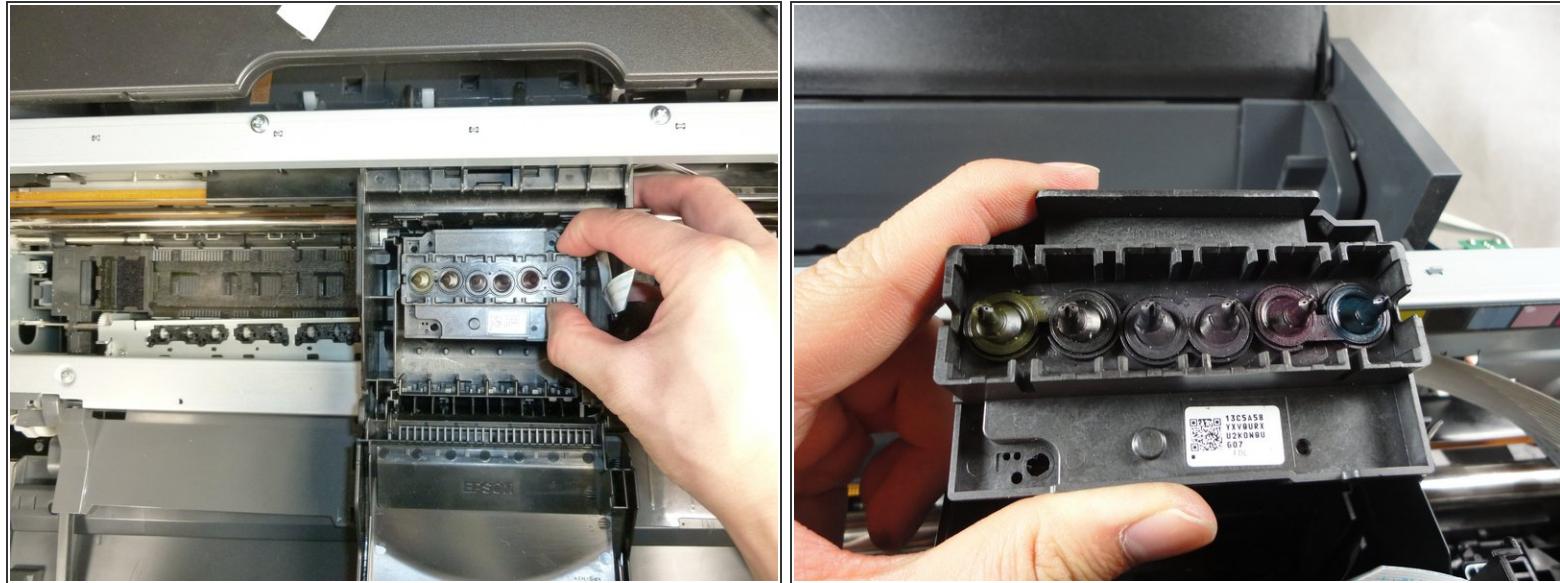
- Lift CSIC assembly up and out of the Carriage Unit.

Step 22



- The printhead is the part with 6 nozzles.
- Remove the three 8 mm #2 Phillips screws that secure the printhead.

Step 23



- Remove the printhead from the carriage unit by lifting it up vertically.

Step 24



- Disconnect the two ribbon cables on the back of the printhead.

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