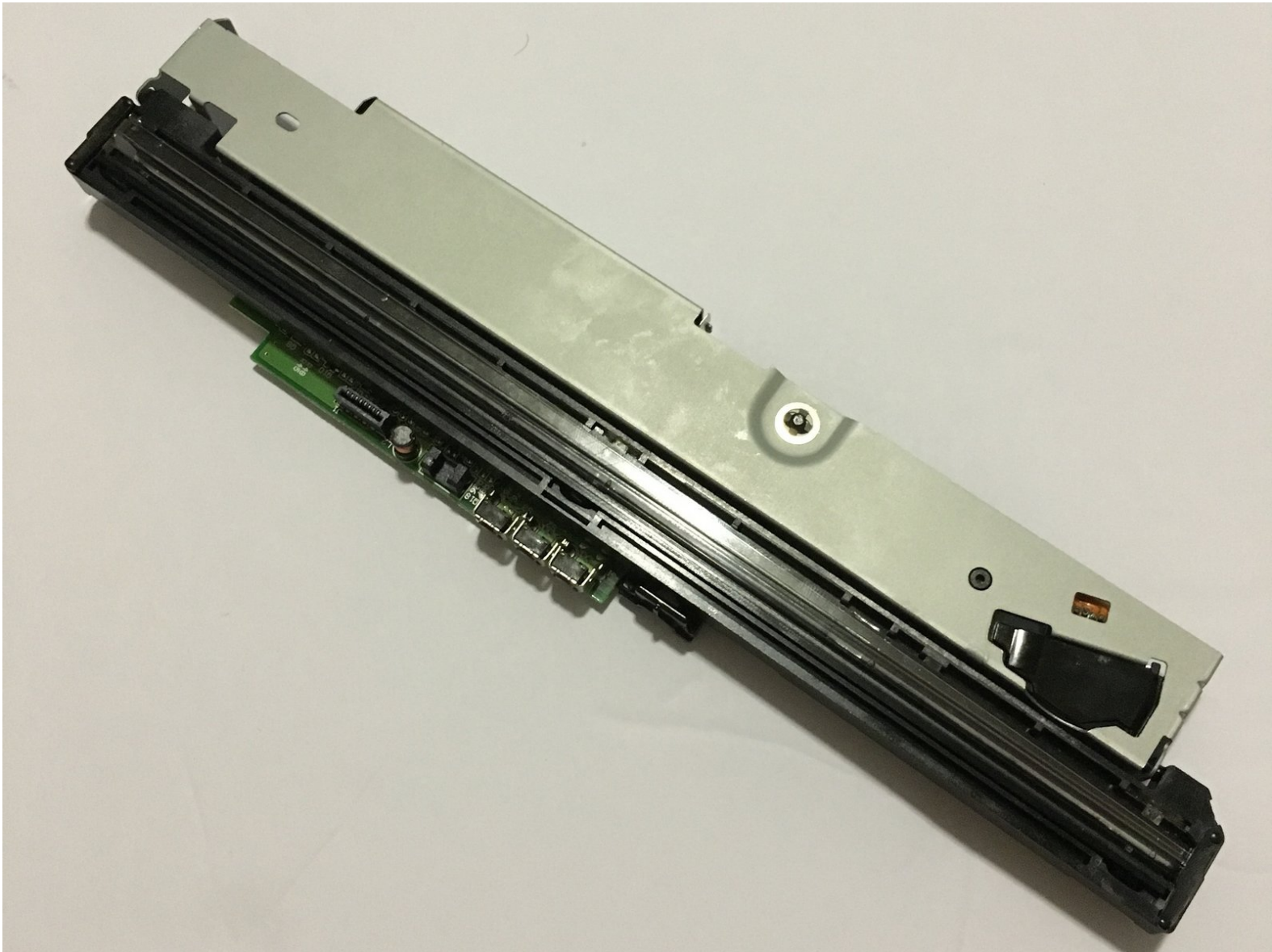# Canon CanoScan N670U Sensor Bar Replacement

This guide will show how to remove and replace the sensor bar from the Canon CanoScan N670U.

Written By: Stephen Bui

INTRODUCTION

If you're having scanning issues as a result of a faulty sensor bar, this is where you will want to begin.

To replace the sensor bar in the Canon CanoScan N670U, you must:

- Remove the two plastic bars that hold the glass scanner bed.
- Set aside the scanner bed.
- Loosen the belt from the plastic hook.
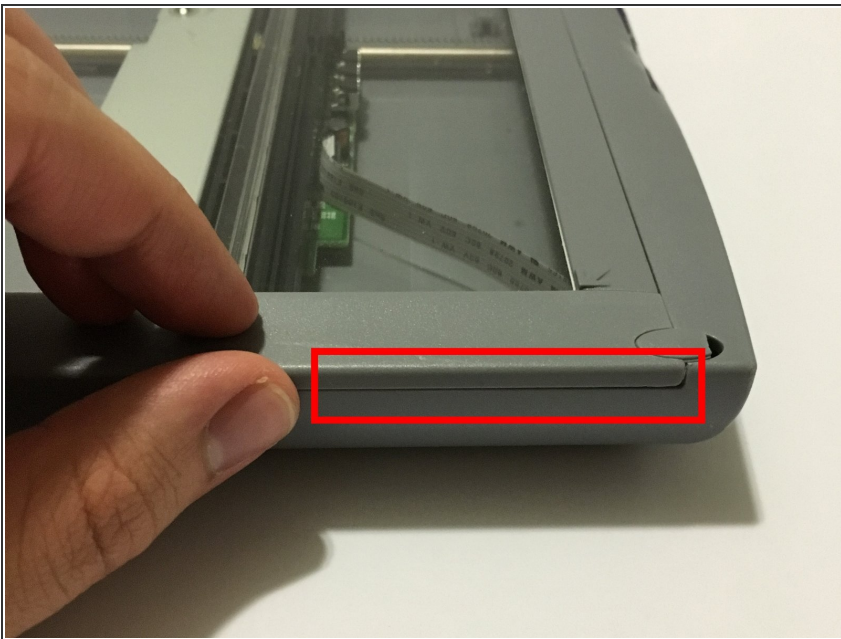- Remove the sensor bar for replacement.

TOOLS:

- Tweezers (1)
- Metal Spudger (1)

Step 1 — Canon CanoScan N670U Disassembly

- Open up your Canon CanoScan N670U to an upright position.
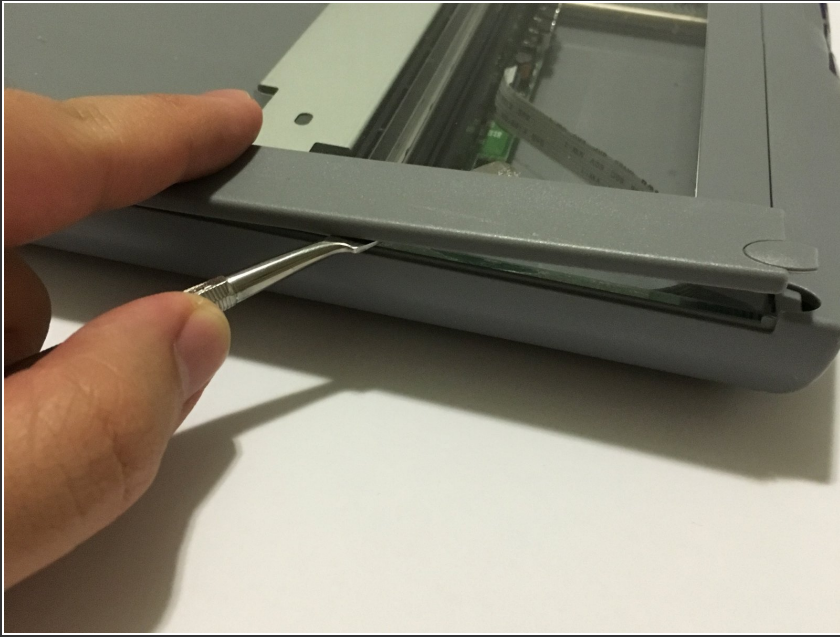
Step 2

- Turn your device so that you're facing the long side of the Canon CanoScan N670U.

- Locate the small crevice between the plastic components of the scanner bed and the scanner base.

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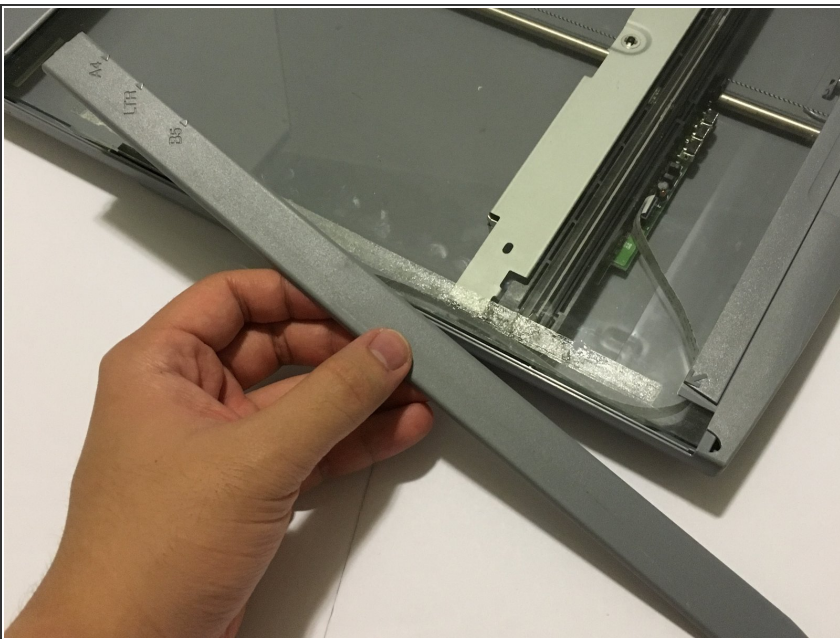© iFixit — CC BY-NC-SA   www.iFixit.com   Page 3 of 10

Step 3

- Carefully insert a metal spudger tool in the crevice and slowly cut through the adhesive between the plastic components.
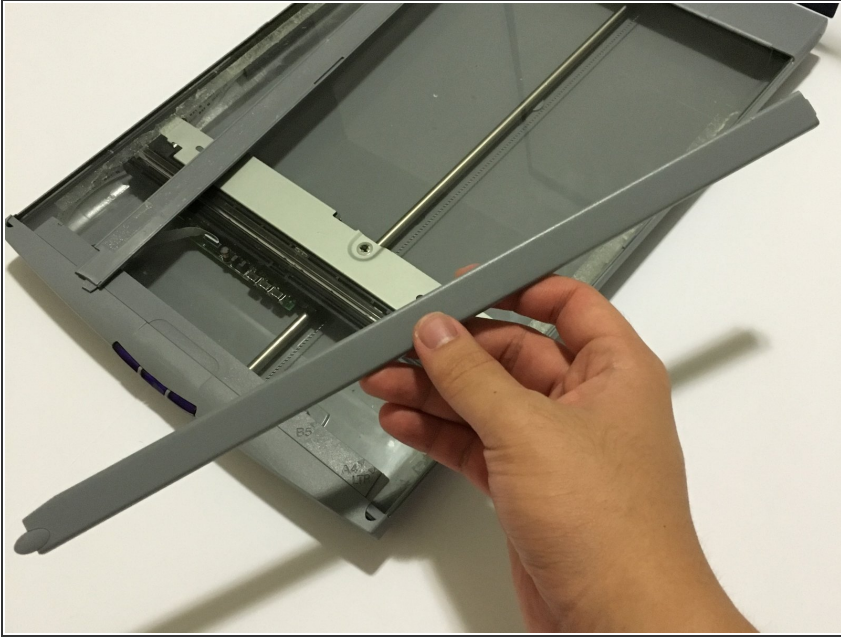
  ⚠ You may cut small bits of the plastic as you're slicing the adhesive. Do not forcefully bend the plastic strip as you're cutting or it will snap.

Step 4

- Once the adhesive strip is sliced through, the plastic bar that is attached should release. Set aside the plastic bar.

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Step 5

- Repeat steps 2-4 for the other side of the scanner.

Step 6

- Use your hands or a metal spudger tool to push the plastic bar at the bottom of the glass scanner bed forward until you can't push it any farther.
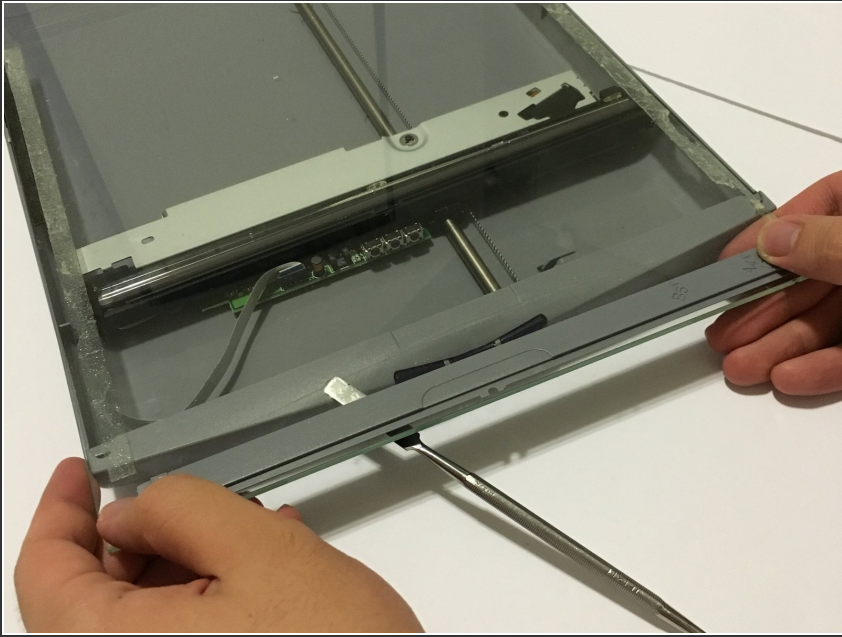
Step 7

- Insert the metal spudger tool underneath the glass scanner bed. The front of the scanner bed should be resting on top of the tool.
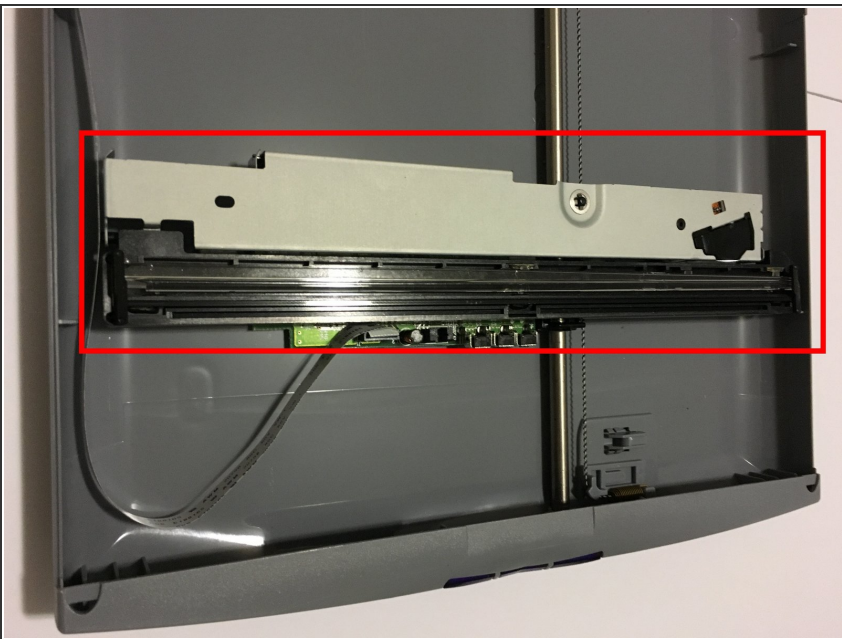
Step 8

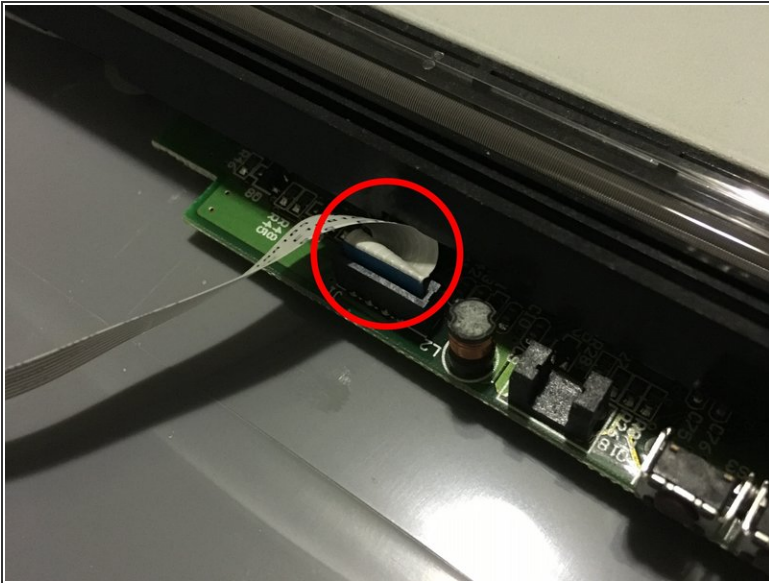
- Slowly pull the glass scanner bed towards you and set the piece aside.
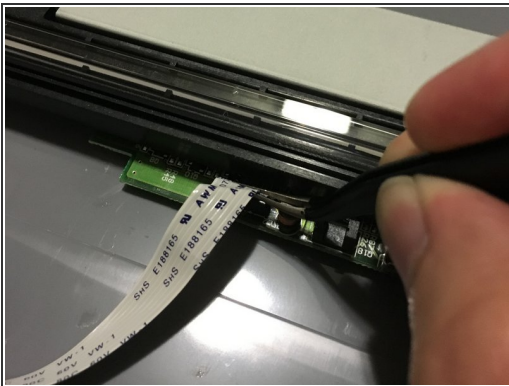
Step 9 — Sensor Bar

- This is the sensor bar that you will replace.

Step 10

- Locate the small plug where the white strip of cable is connected to.
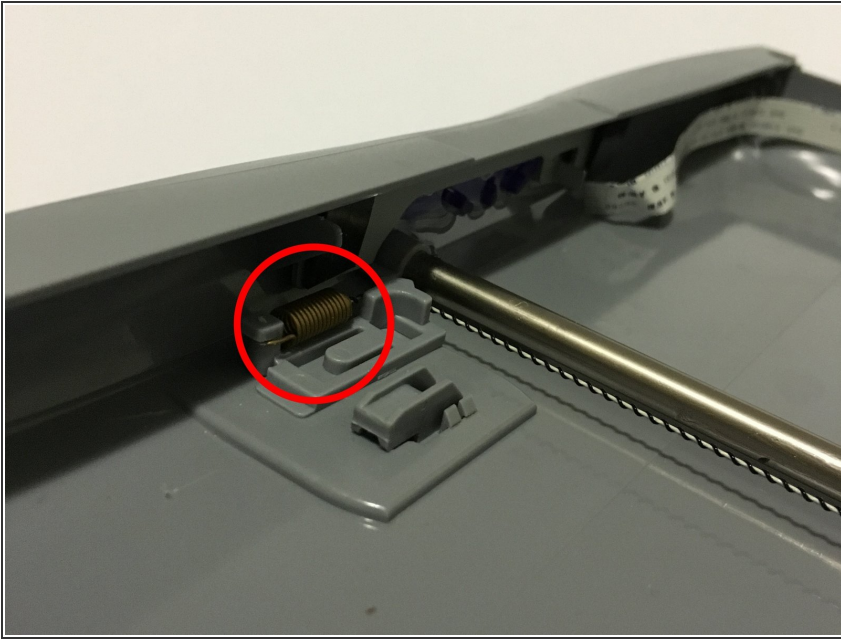
- Unfurl the cable strip if it's tucked in.

Step 11

- Gently use tweezers or your fingers to rock the cable back and forth to disconnect the it.

  ⚠️ Do not apply too much pressure or you may damage some delicate components.
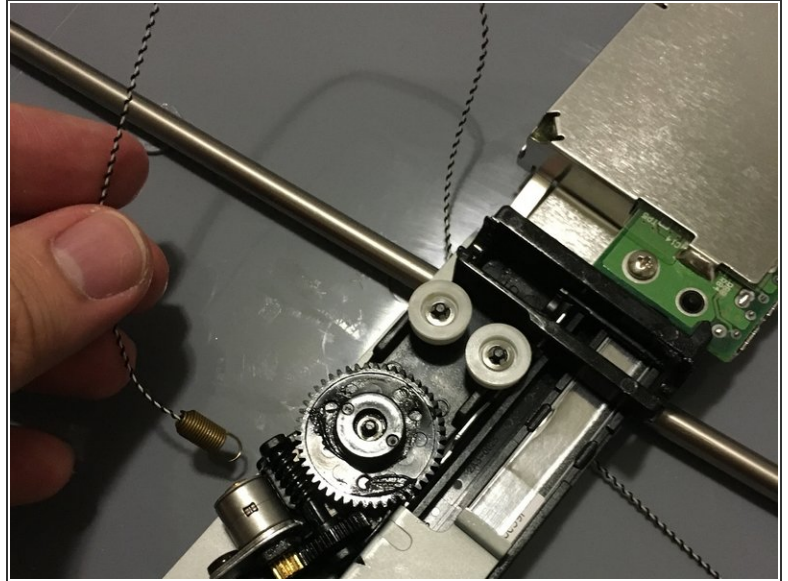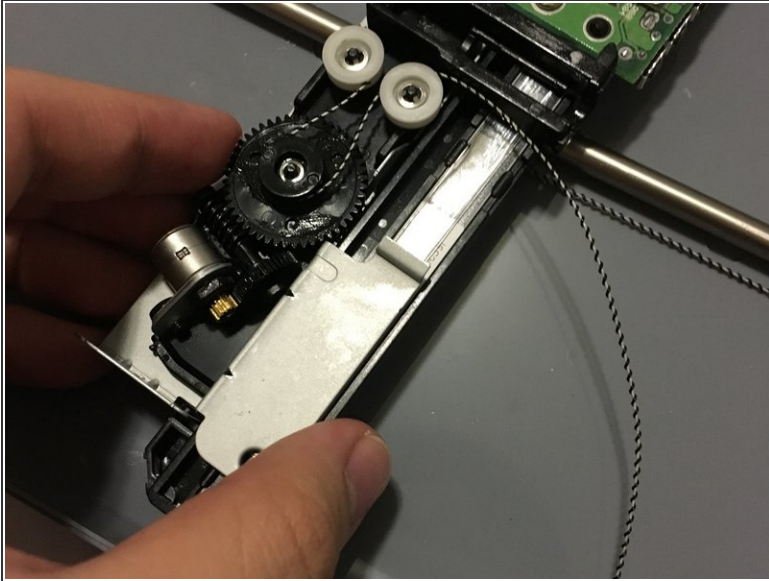
Step 12

- Locate the small metal spring behind the front buttons of the Canon CanoScan N670U.
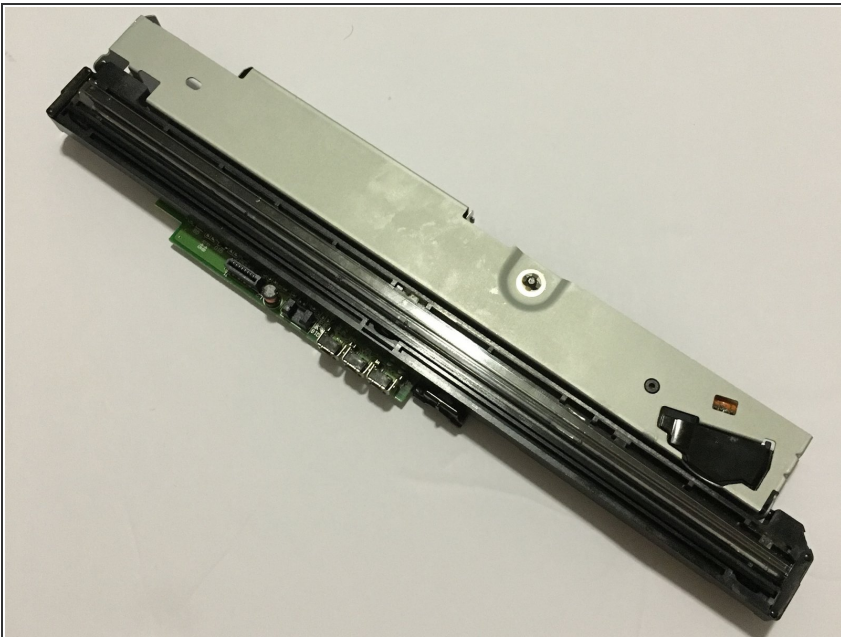
Step 13

- Use tweezers to gently remove the metal spring from the plastic hook.

- (i) Due to the tension of the spring, it can be difficult to pull the metal end. You may attempt to use your hands to pull the spring itself if necessary.

  ⚠ Take caution to not bend the metal.

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Step 14

- Flip the sensor bar over and unwind the belt from the gear system.

Step 15

- Remove the sensor bar from the scanner and replace it with the new one.

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

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