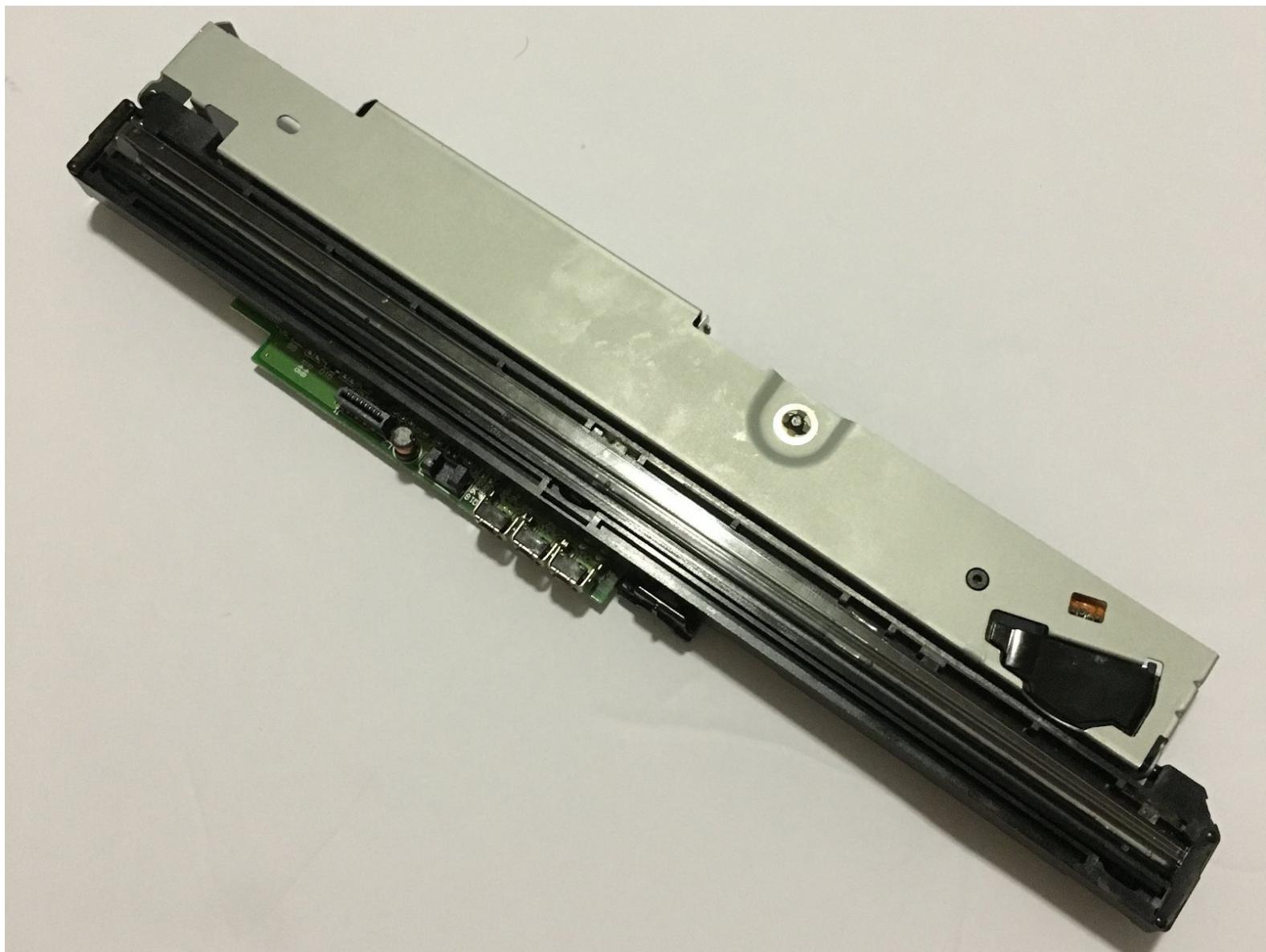




Canon CanoScan N670U Sensor Bar Replacement

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

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INTRODUCTION

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

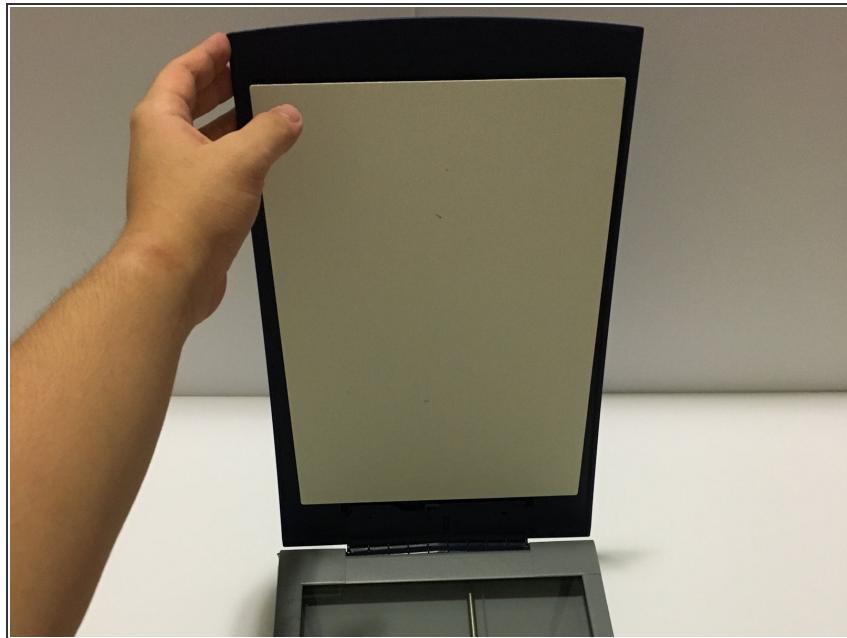
To replace the sensor bar in the Canon CanoScan N670U, you must:

- 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:

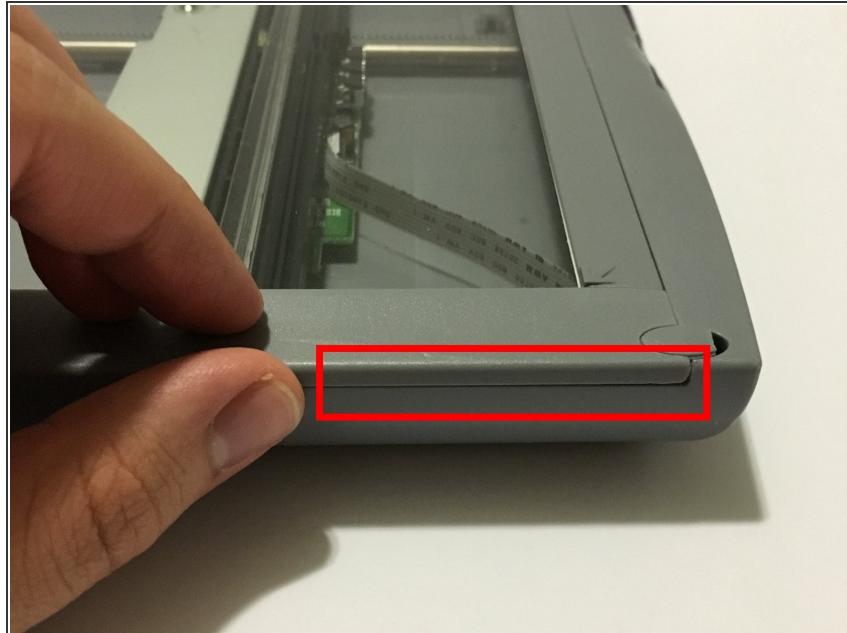
- [Tweezers \(1\)](#)
- [Metal Spudger \(1\)](#)

Step 1 — Canon CanoScan N670U Disassembly



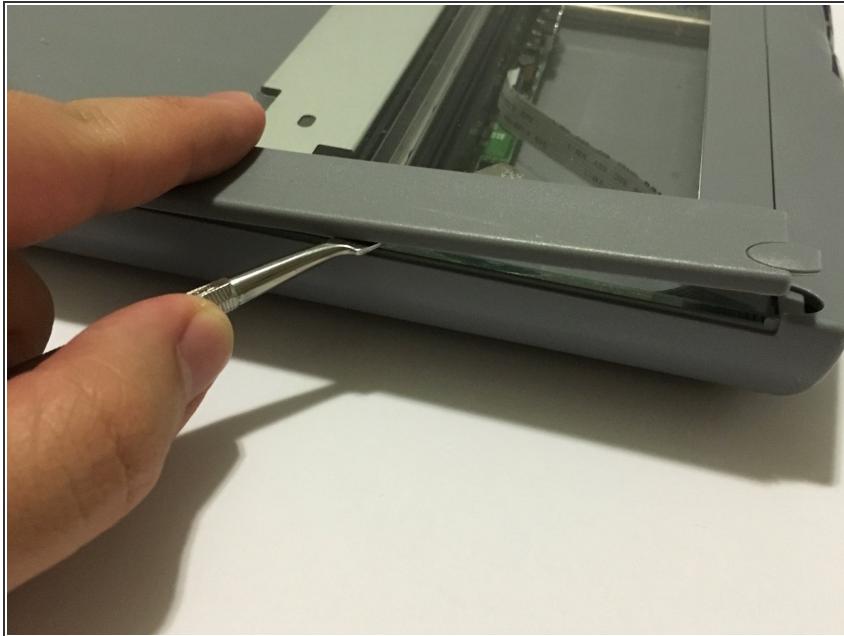
- Open up your Canon CanoScan N670U to an upright position.

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.

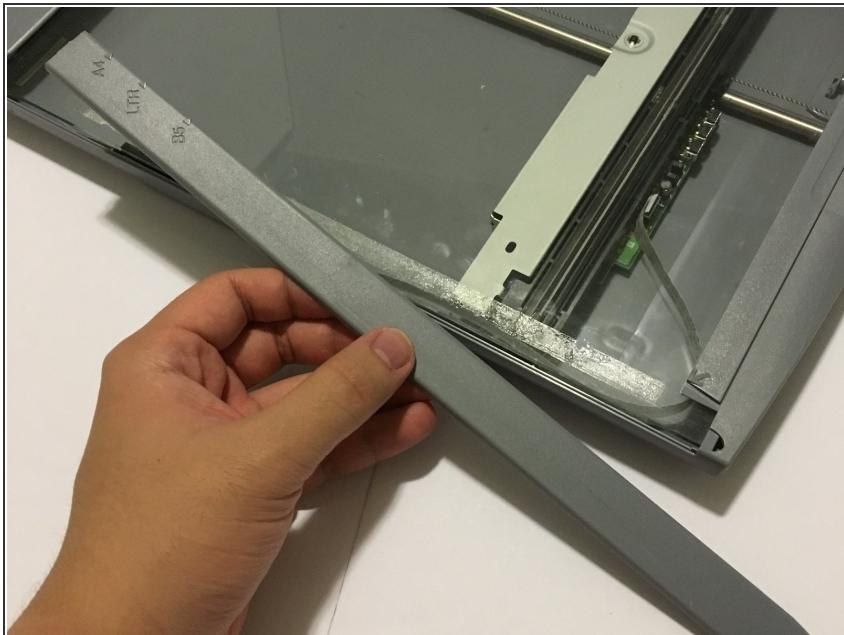
Step 3



- Carefully insert a metal spudger tool in the crevice and slowly cut through the adhesive between the plastic components.

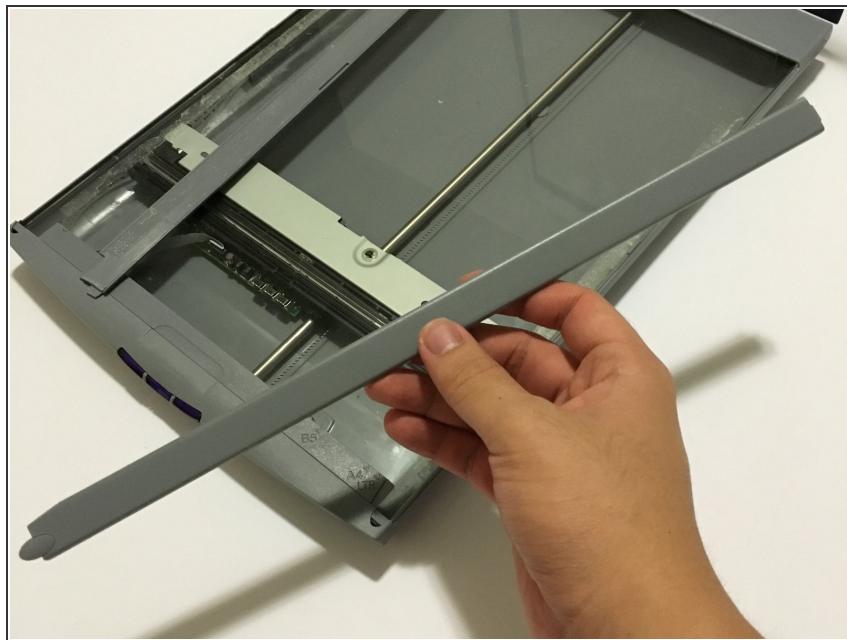
 You may cut small bits of the plastic as you're slicing the adhesive. Do not forcefully bend the plastic strip as you're cutting or it will snap.

Step 4



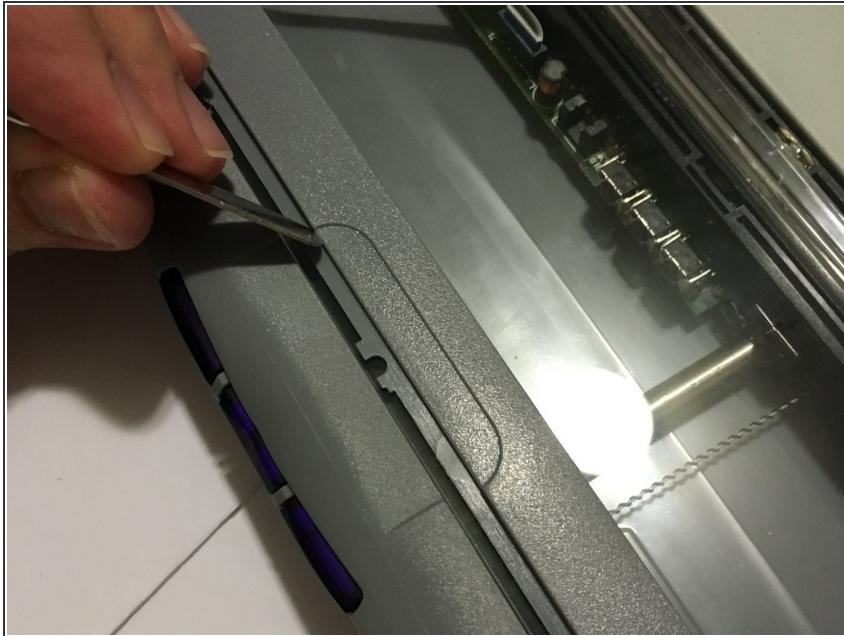
- Once the adhesive strip is sliced through, the plastic bar that is attached should release. Set aside the plastic bar.

Step 5



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

Step 6



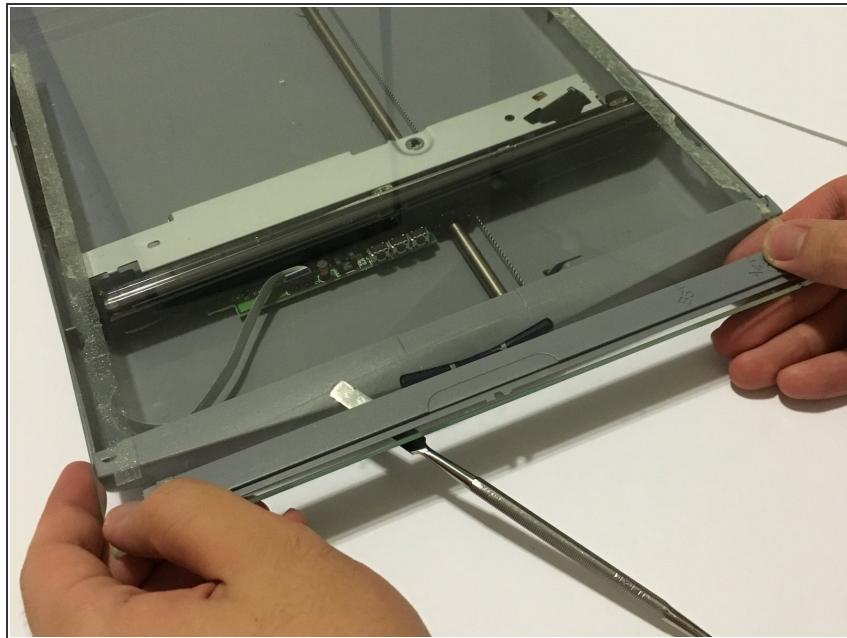
- Use your hands or a metal spudger tool to push the plastic bar at the bottom of the glass scanner bed forward until you can't push it any farther.

Step 7



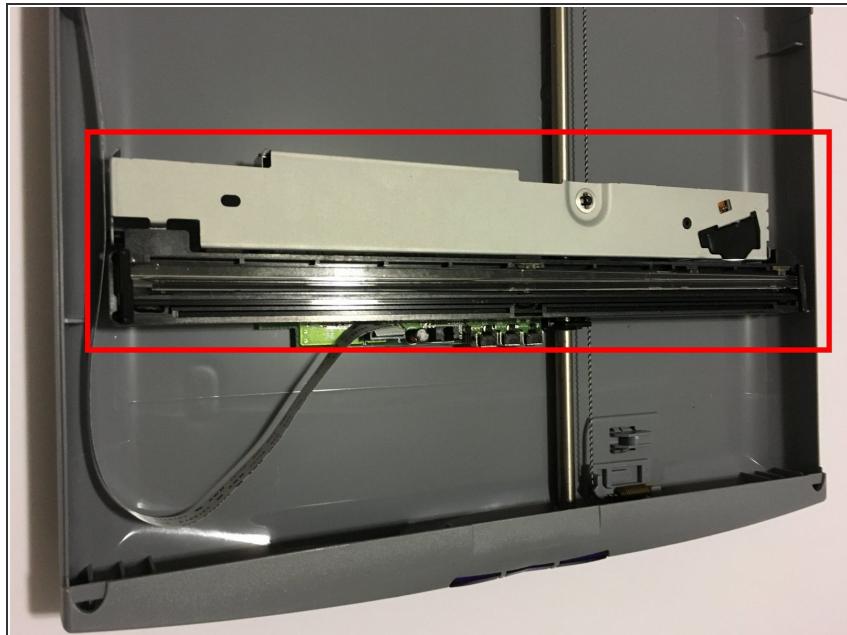
- Insert the metal spudger tool underneath the glass scanner bed. The front of the scanner bed should be resting on top of the tool.

Step 8



- Slowly pull the glass scanner bed towards you and set the piece aside.

Step 9 — Sensor Bar



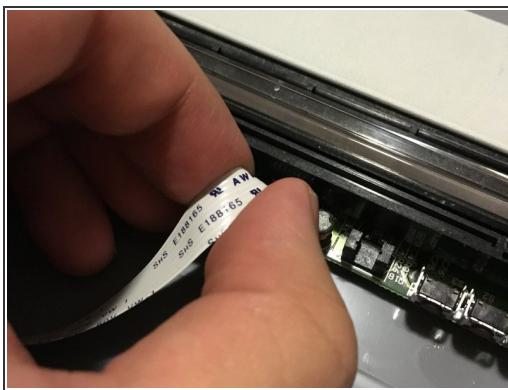
- This is the sensor bar that you will replace.

Step 10



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

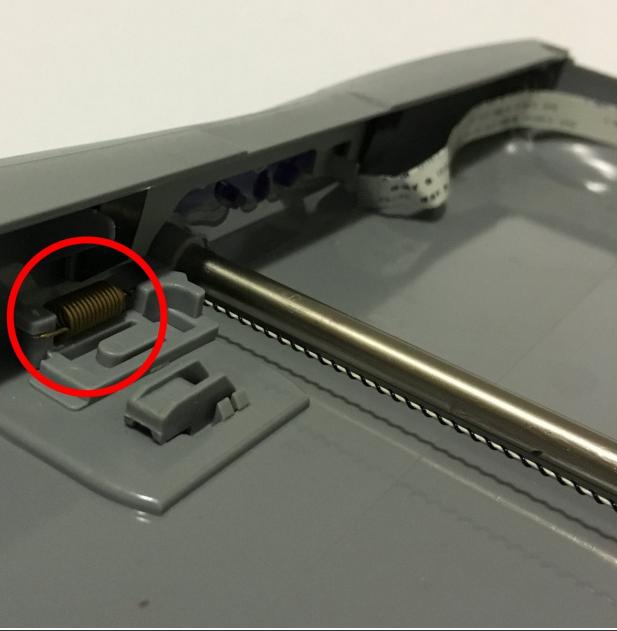
Step 11



- 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

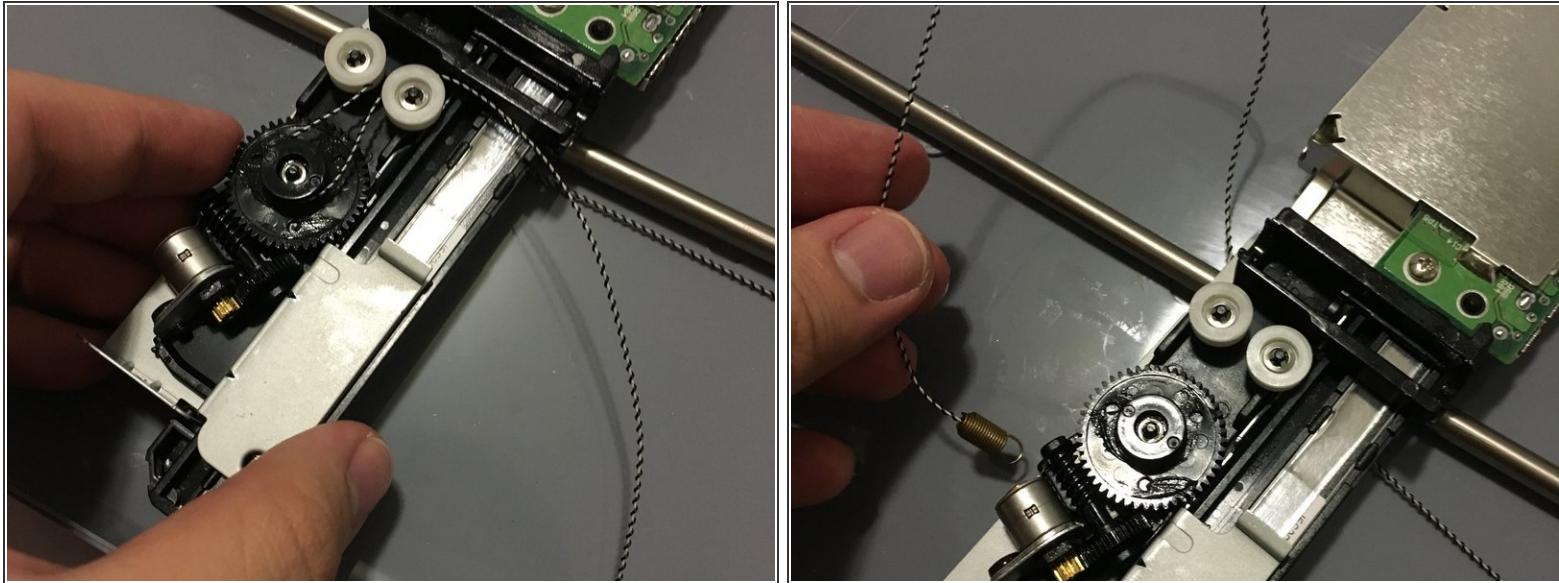


- Use tweezers to gently remove the metal spring from the plastic hook.

(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.

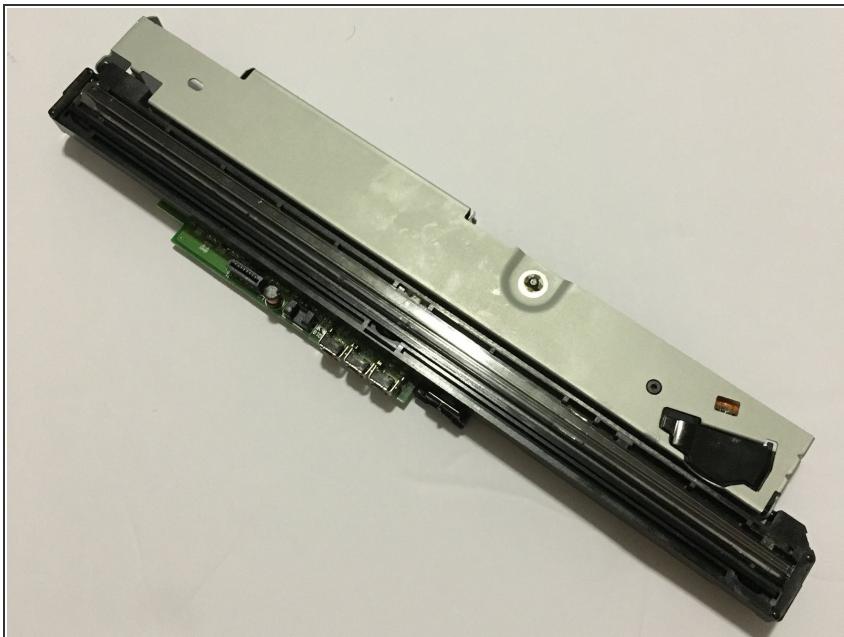
⚠ Take caution to not bend the metal.

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.