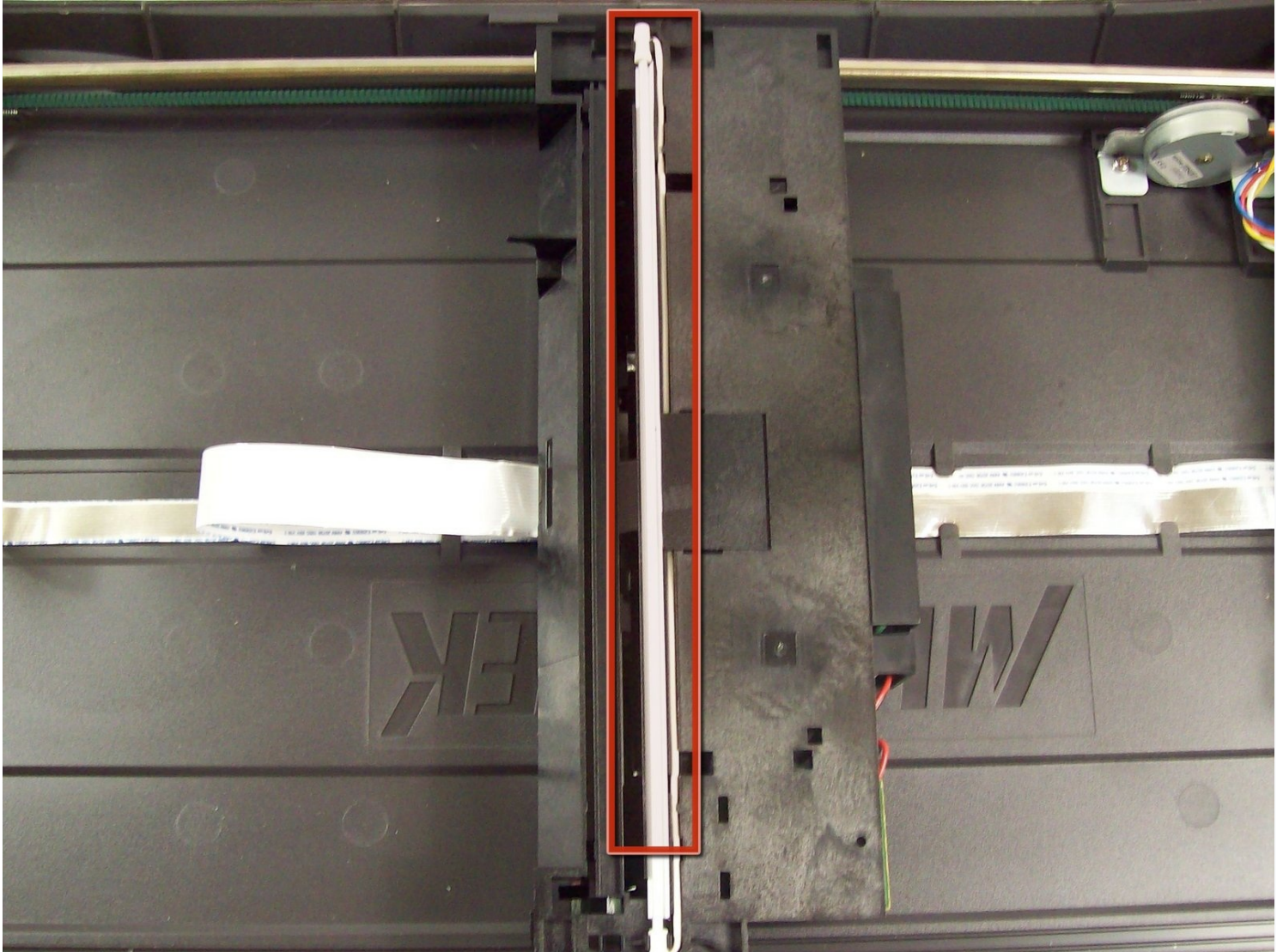# Microtek ScanMaker 5900 New Bulb Replacement

This guide shows the owner of this scanner how...

Written By: Taylor Nesheim

# INTRODUCTION
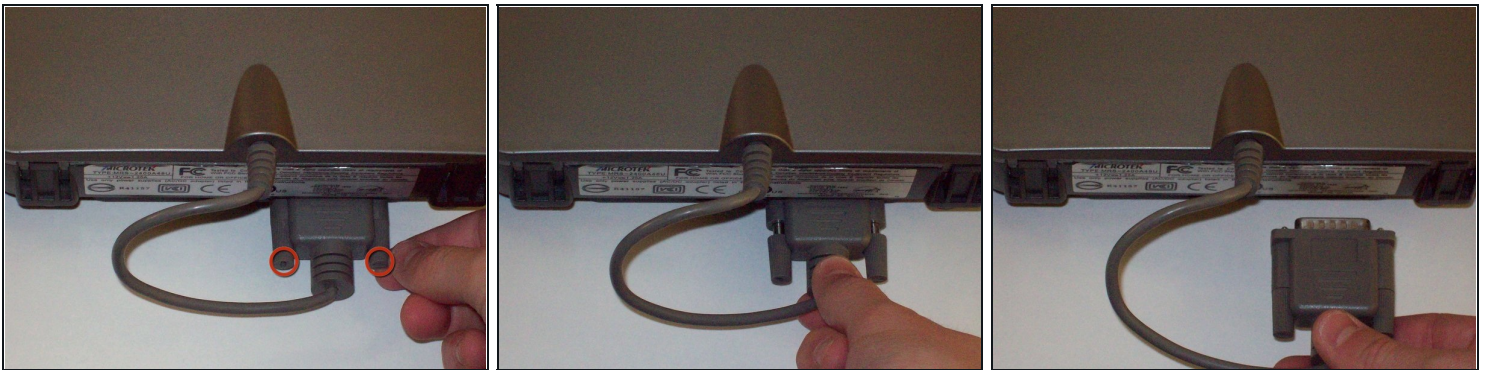
This guide shows the owner of this scanner how to replace a dead bulb inside the scanner.

## 🔧 TOOLS:

Tweezers (1)
iFixit Opening Tool (1)

## Step 1 — Remove serial port connection



- Loosen the screws on the serial port by turning them counter clockwise by hand.

- After loosening the screws, pull the serial port out.

## Step 2 — Remove Lid



- Lift lid to its vertical position.

- Pull lid straight up to remove it from the scanner.
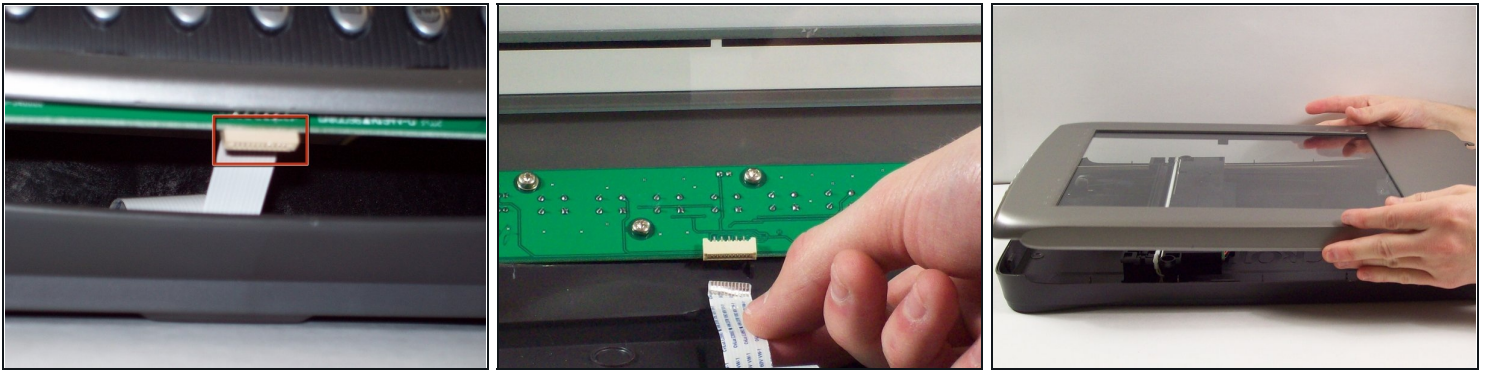
## Step 3 — Detach plastic latches



- Push the plastic opening tools into the crack between the top and the bottom of the chassis.

## Step 4 — Continue latch detachment



- After placing one plastic opening tool into the slit, slide other plastic opening tools along the slit to detach the top from the bottom of the chassis.

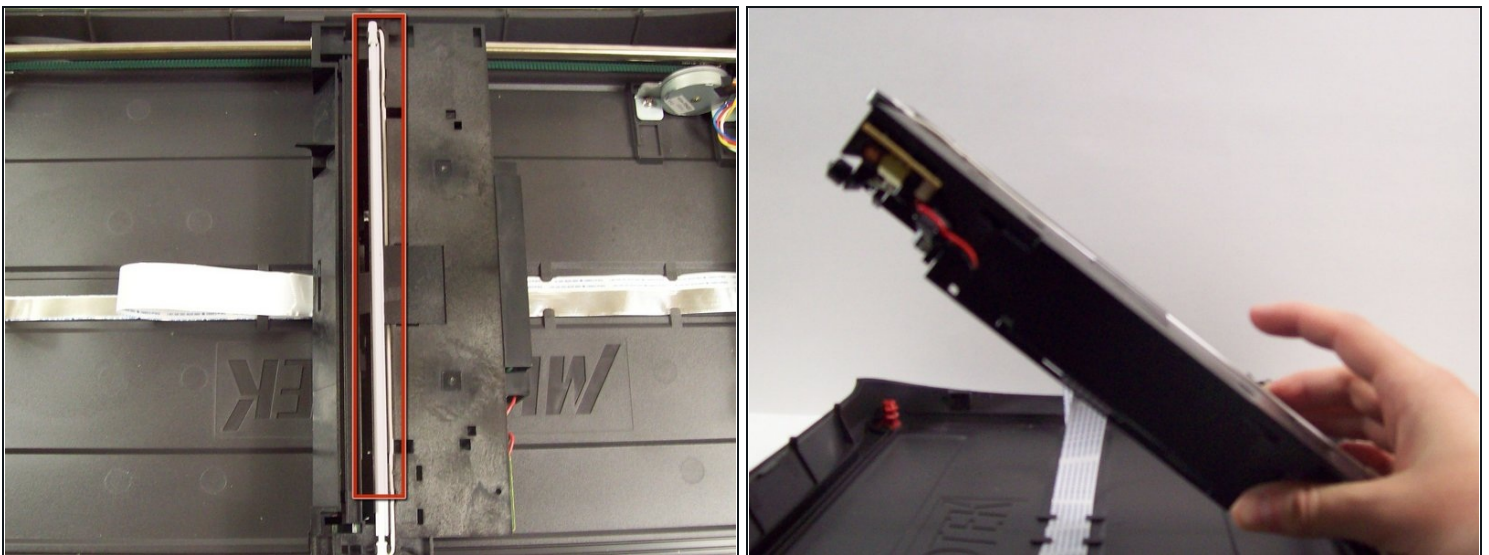- Go all the way along the chassis until you can lift the upper lid.

## Step 5 — Fully remove the upper lid



⚠ Do not fully remove the lid until you remove the ribbon cable attached to the front of the upper lid.
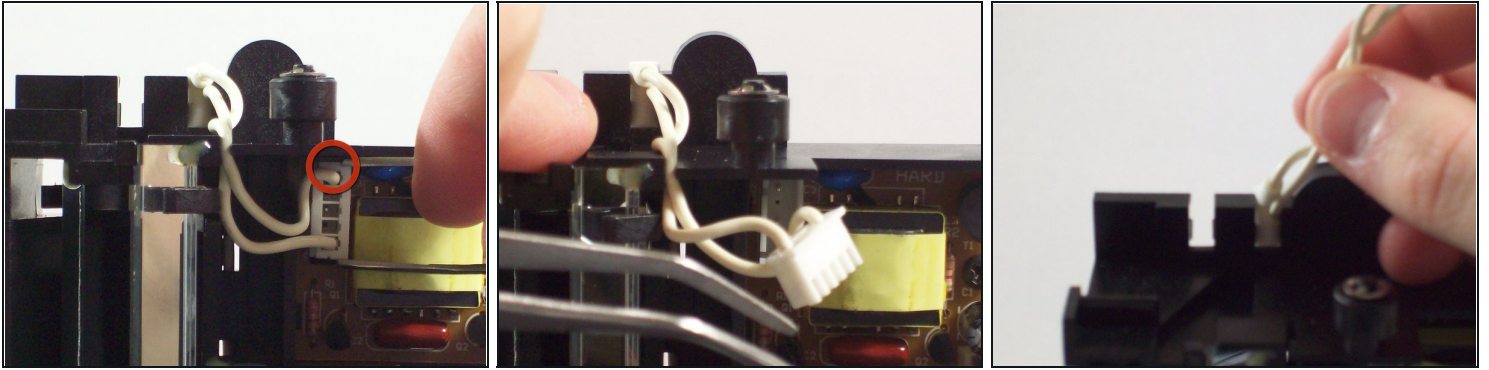
- Do this by grabbing the upper lid from the sides and rotating it ninety degrees so it is perpendicular to the bottom lid.

- Grab the ribbon cable and gently pull it out of its slot with your fingers.

- The upper lid can now safely be removed from the bottom lid.
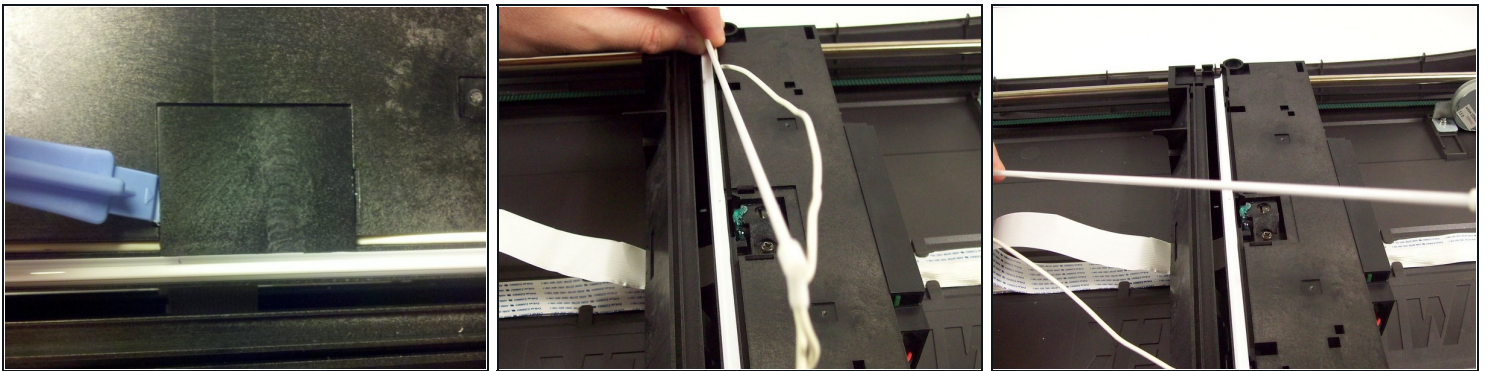
## Step 6 — Locate the bulb



- After opening the chassis, you will see a white bulb spanning the width of the scanner.

- Lift up the black piece of plastic the bulb is attached to from the left hand side until it is perpendicular with the bottom lid of the scanner.

## Step 7 — Detach the bulb electrical connection

- Use [tweezers](#) to grab the plastic casing the wires are housed in.

- Gently jiggle the plastic back and forth until it can be pulled from its connection.

- Pull the wires out of the circuit board.

- Pull the wires up and out over the top of the plastic housing.

## Step 8 — Remove the bulb

- Place the plastic housing back into the bottom lid of the scanner.

- Remove the plastic panel by gently pushing on the plastic latches with a plastic opening tool.

- Pull the bulb and wire out of its plastic casing.

- The bulb is now free to be replaced.

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