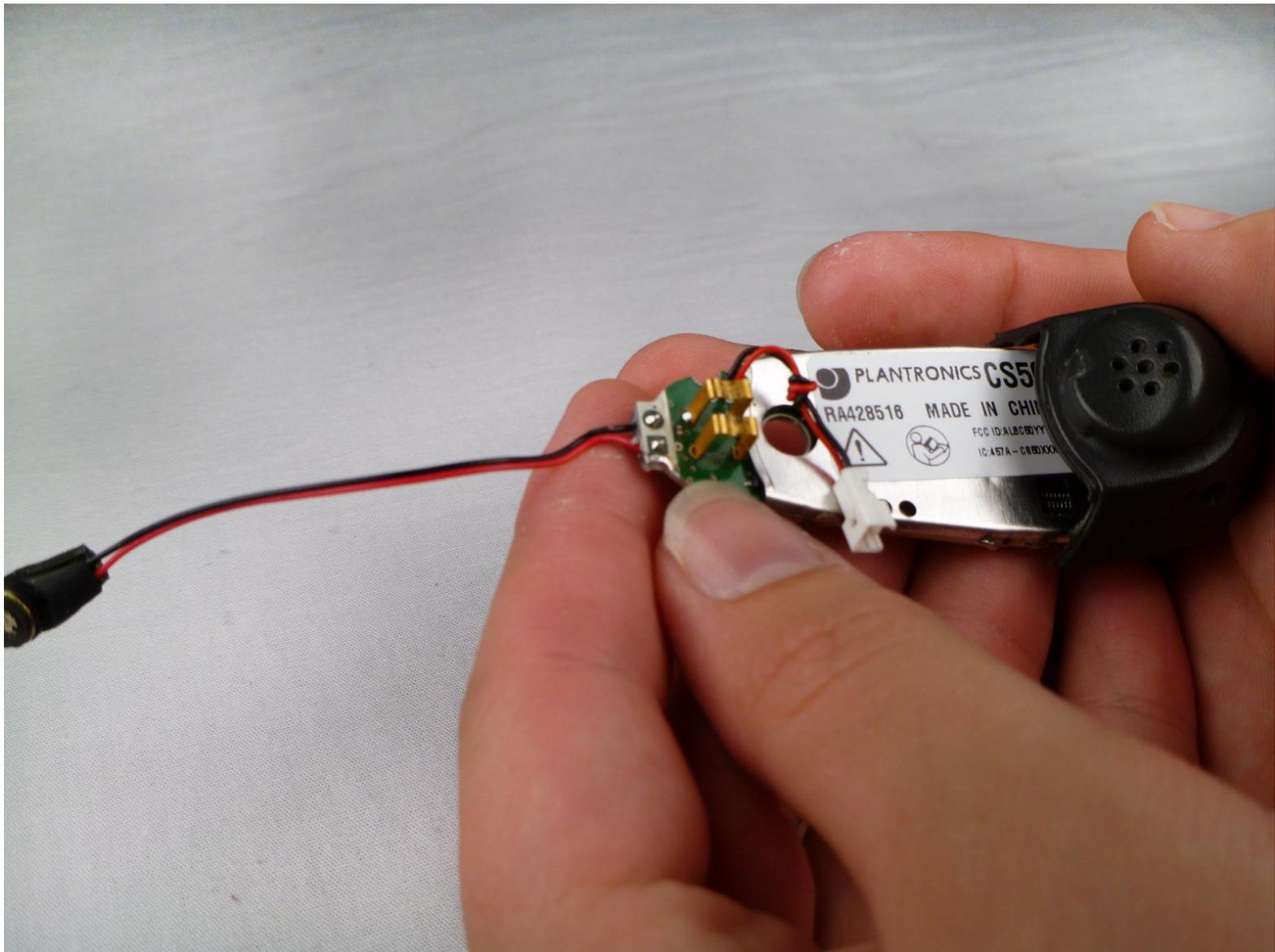




# Plantronics CS50 Headset Microphone Replacement

If the other person cannot hear you during the phone call, you may need to replace the microphone.

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## INTRODUCTION

The following steps will teach you how to disassemble your headset and install a new microphone.

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### TOOLS:

- [Heat Gun](#) (1)
  - [iFixit Opening Tools](#) (1)
  - [Solder](#) (1)
  - [Soldering Iron](#) (1)
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## Step 1 — Battery



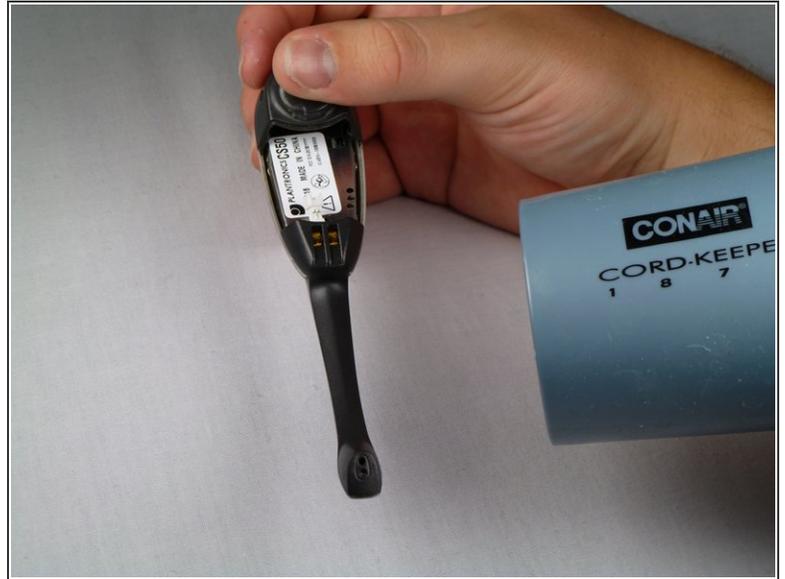
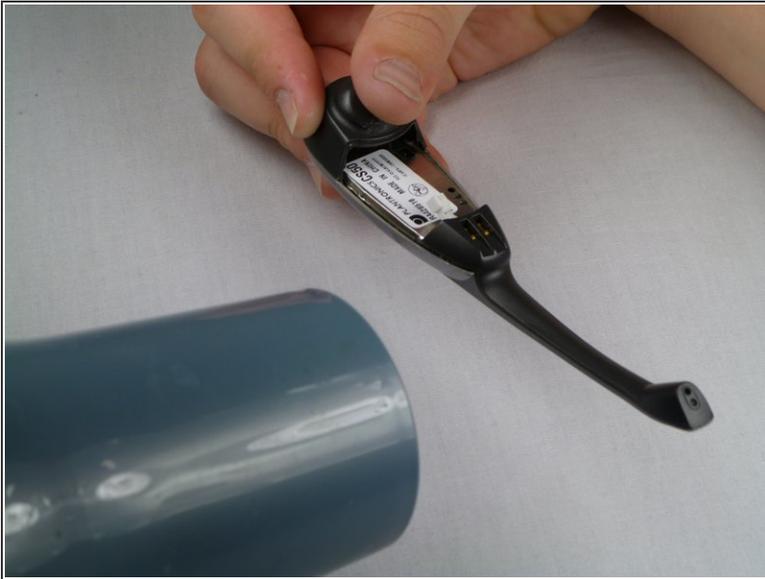
- Flip the headset face down.
- Squeeze both sides of the battery cover.
- While squeezing, pull the cover up slowly to remove it.

## Step 2



- Locate and detach the white connector that connects the wires of the battery to the wires of the headset.

### Step 3 — Microphone



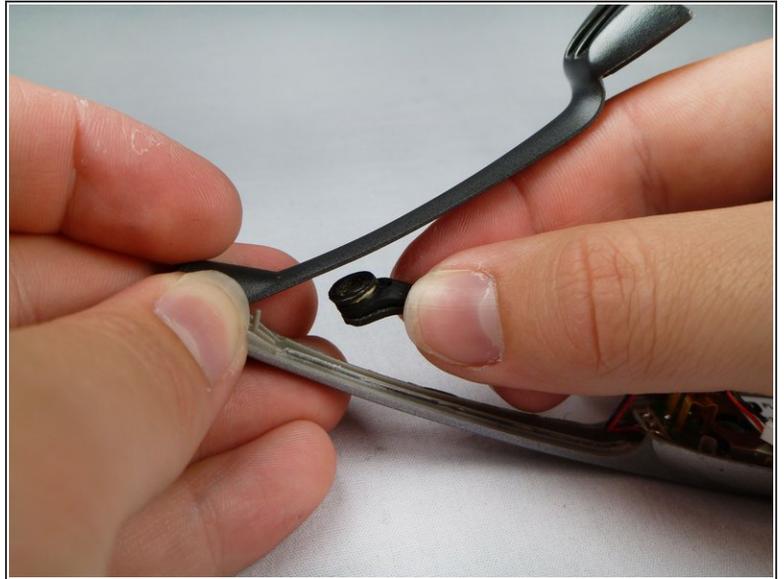
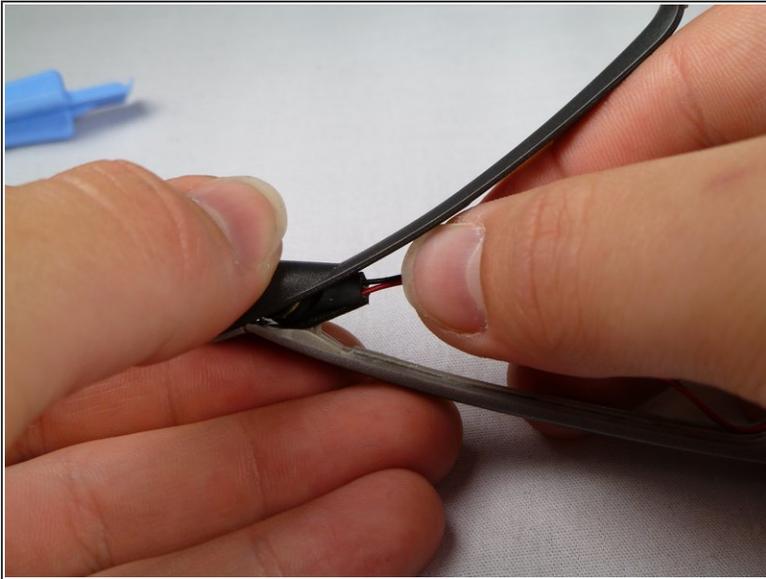
- Use a hairdryer or heat gun to melt the adhesive along the crevice that joins the black and silver components.
- Apply additional heat at the tip of the microphone.

## Step 4



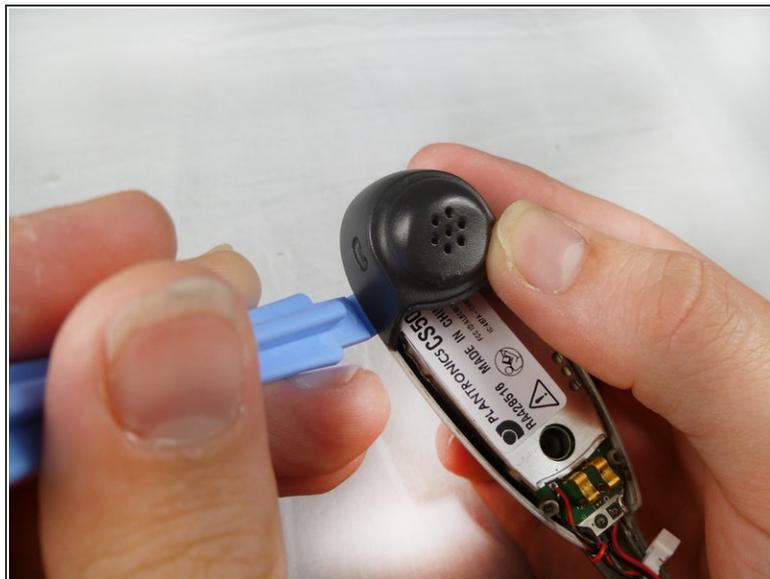
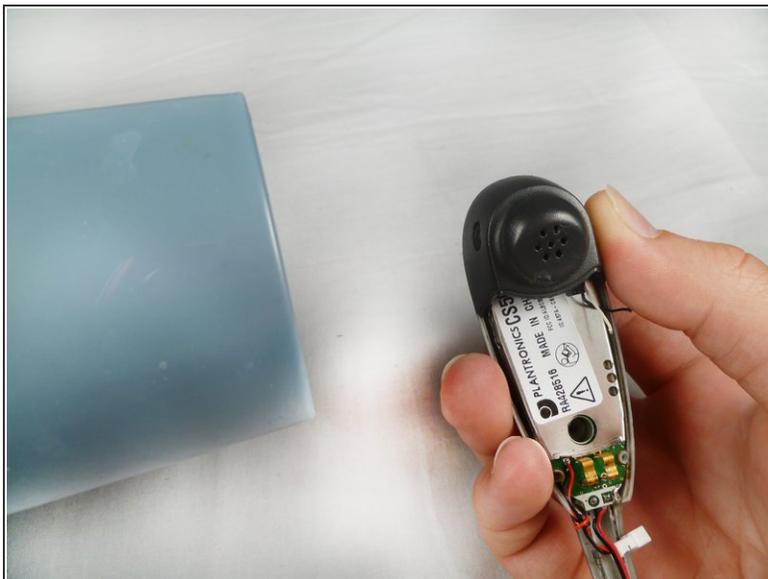
- After heating the headset, use the plastic opening tool to carefully pry the black cover from the headset.
- ⓘ Be aware of the two plastic connectors inside the headset. If the black cover does not come off smoothly, apply additional heat on the connectors.

## Step 5



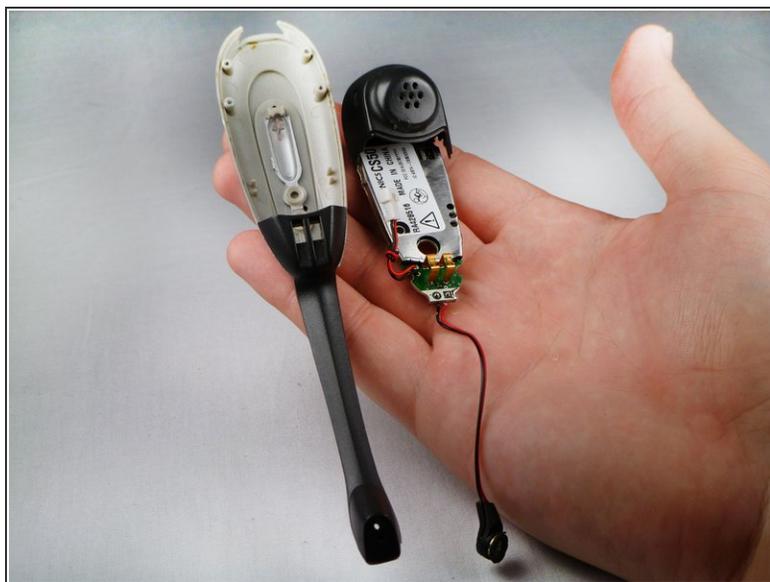
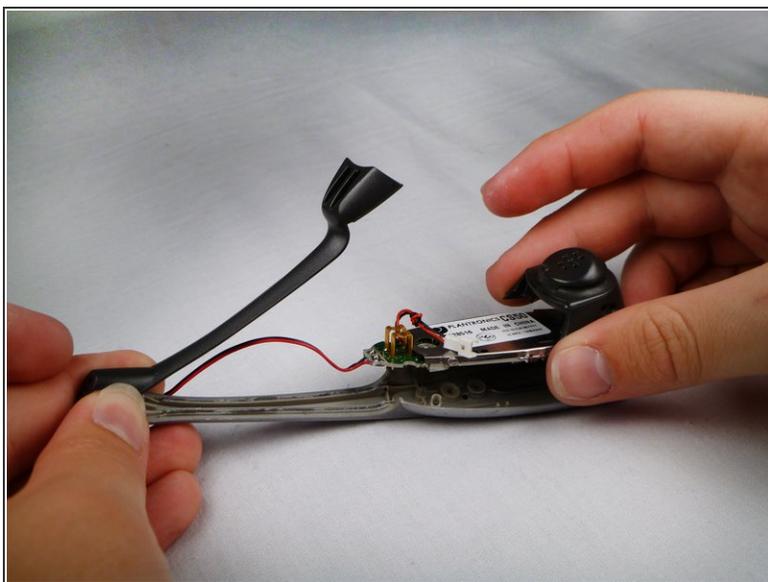
- Remove the microphone from the tip of the plastic.
- ⓘ You will have to lift the microphone straight up because it is held in place by a small piece of plastic.

## Step 6



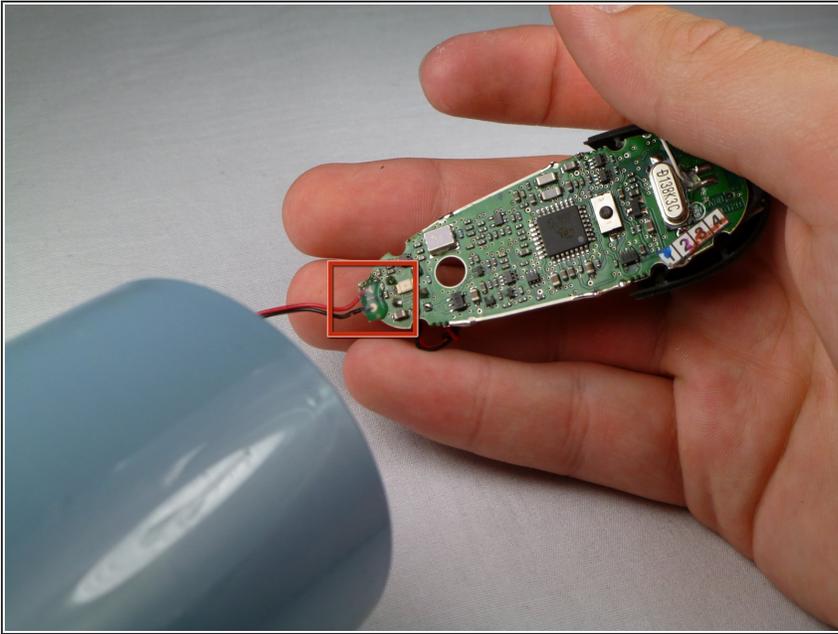
- Use the heat gun to melt the adhesive connecting the headset face to the speaker casing.
- Use the plastic opening tool to separate the speaker casing from the headset face.
- ⓘ Add extra heat to the sides to melt the adhesive between the plastic connectors.

## Step 7



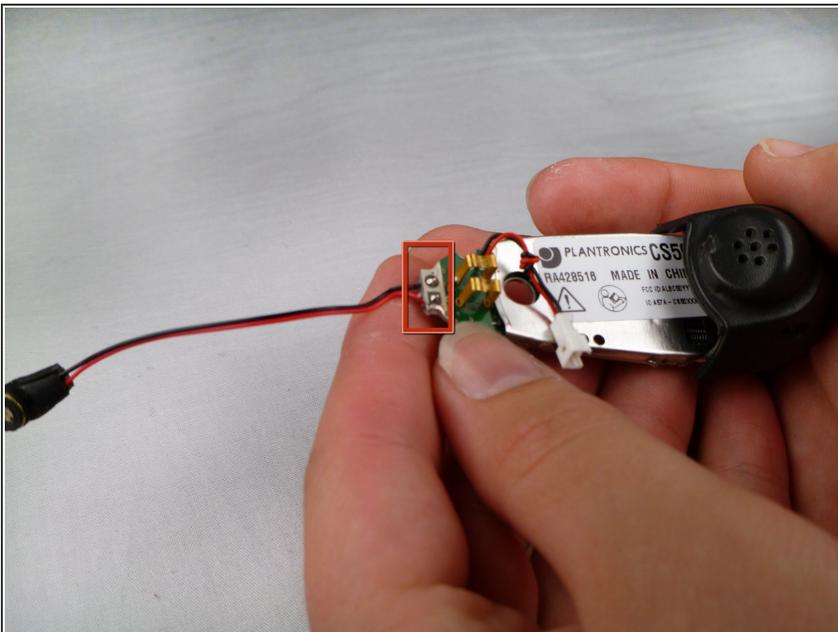
- Slowly separate the motherboard from the rest of the headset.

## Step 8



- Locate the microphone wires on the bottom of the motherboard.
- ⓘ Use a hairdryer or heat gun to melt the glue off of the motherboard.

## Step 9



- Flip the device over.
- Use a soldering iron to remove the solder that holds the wires to the motherboard.
- ⓘ For help soldering, click [here](#).
- ☑ The microphone piece should be completely detached from the motherboard.

To reassemble your device, follow these instructions in reverse order. Replace the glue and solder where they are needed.

