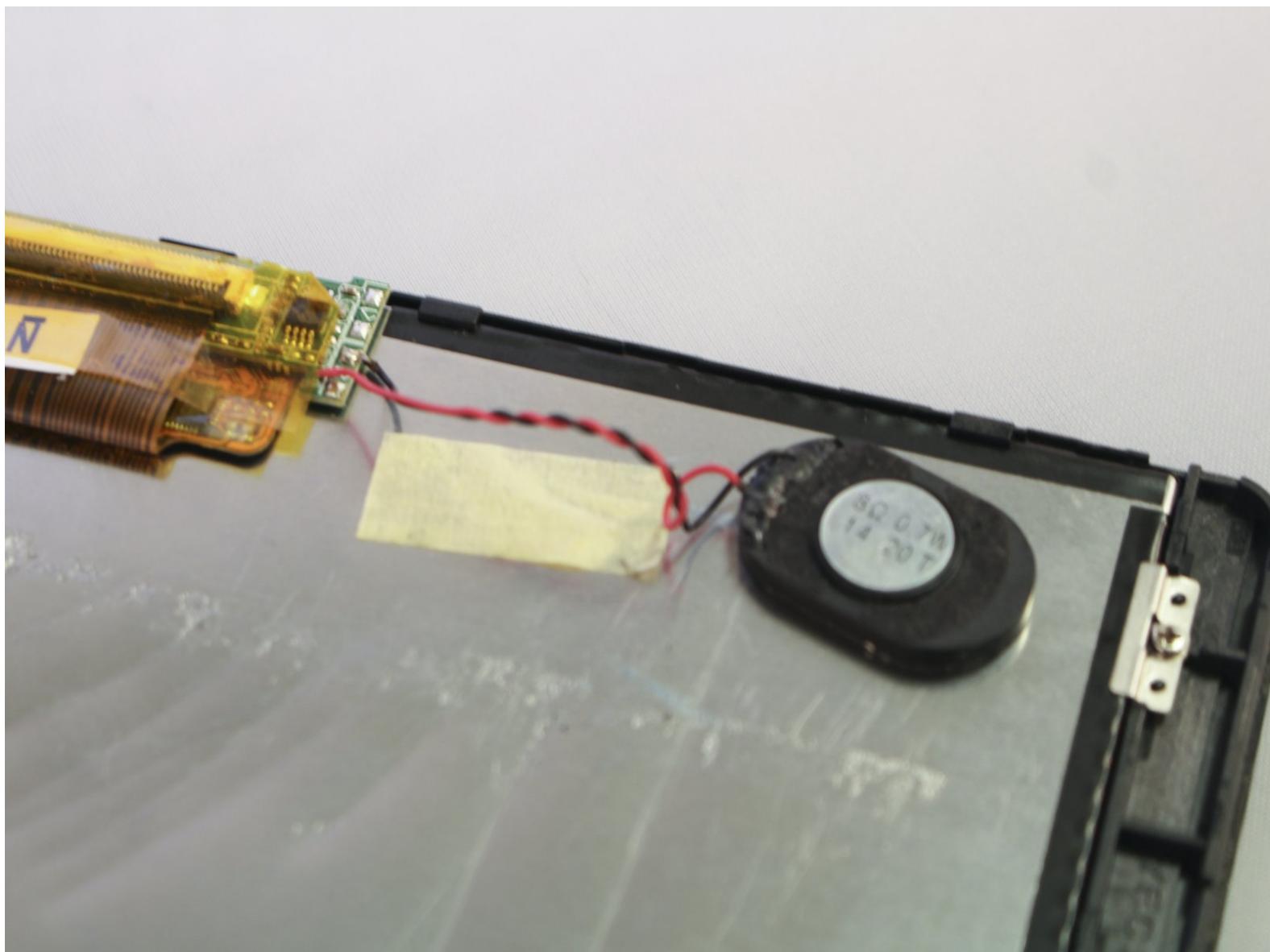




Insignia Flex 7 Speaker Replacement

Follow this guide to remove the old speaker and replace it with a new one.

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INTRODUCTION

A speaker may seem amazing at first but eventually, you'll notice something wrong. Either it stops working or you start hearing static. One of the best ways to solve this problem is to replace it. Doing so will require soldering. Therefore, be sure to follow safety rules during this process..

TOOLS:

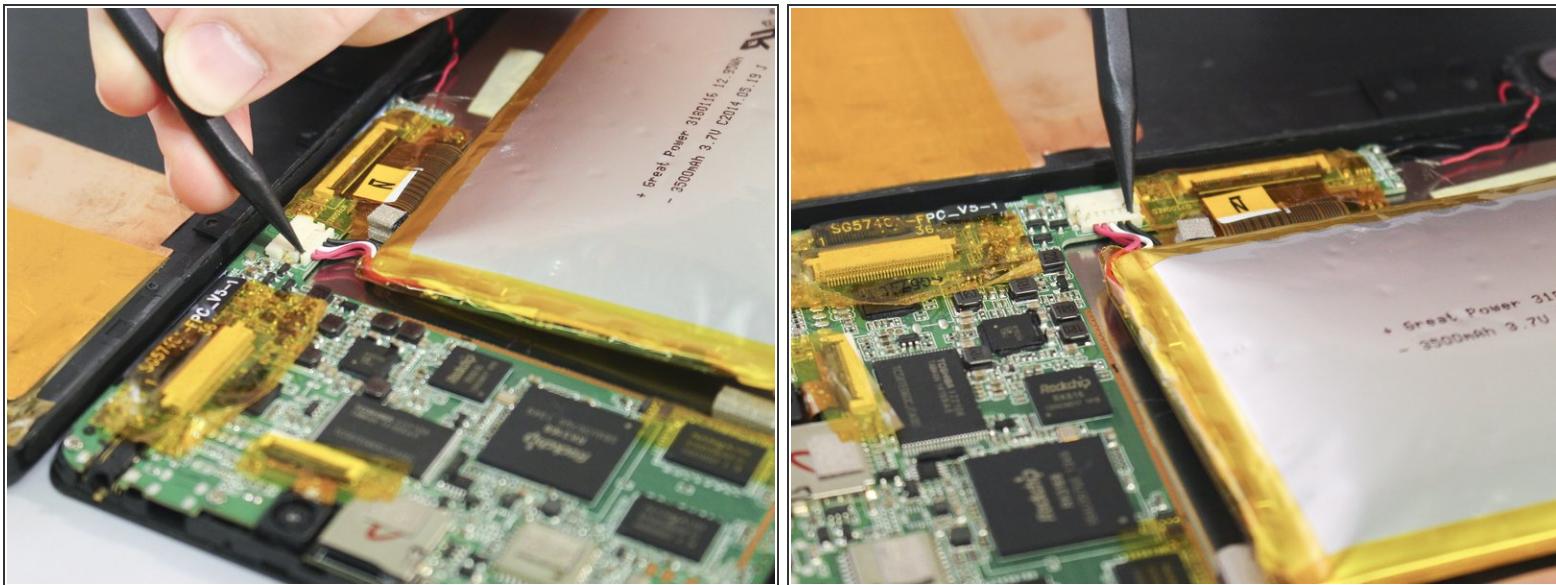
- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)
- [Soldering Workstation](#) (1)
- [Phillips #000 Screwdriver](#) (1)

Step 1 — Battery



- Insert the edge of the plastic opener into the groove between the screen and back cover around the perimeter of the device.
- Then using a gentle prying motion, create a gap large enough to use your fingers to separate the two halves.

Step 2



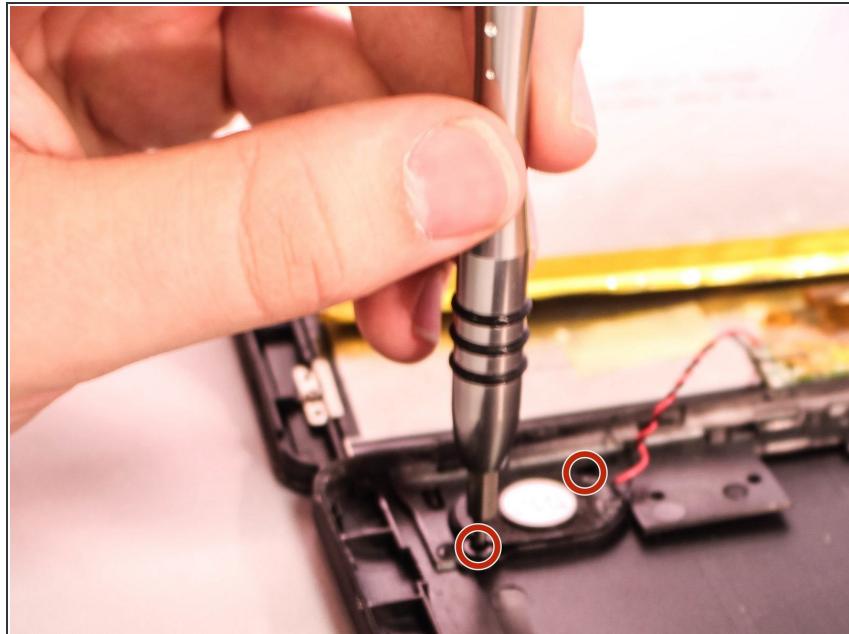
- Place the tip of the spudger on each side of the battery's electrical connector.
- Then using a gentle match-striking motion, loosen both sides of the battery's electrical connector.

Step 3



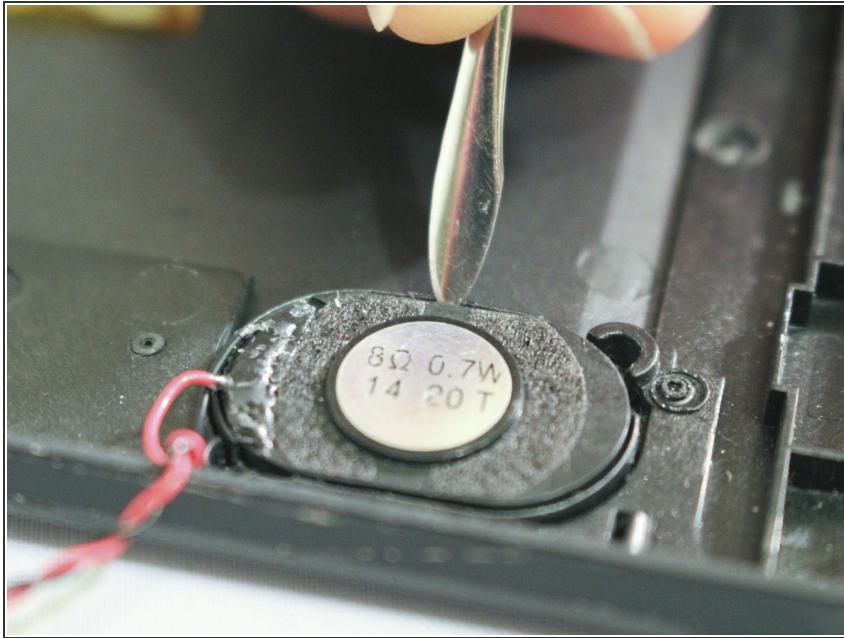
- Insert the flat end of the spudger under one side of the battery.
- Then using a gentle prying and sliding motion, separate the battery from the case. There are two lengthwise strips of glue holding it down.
- Repeat the process for the other side of the battery.

Step 4 — Speaker



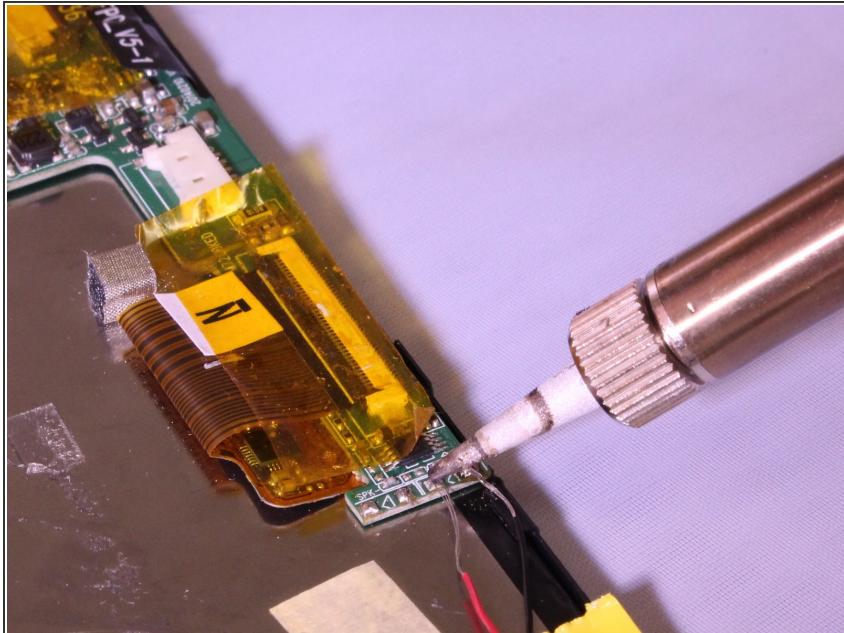
- Using a Phillips #000 screwdriver, remove the two 3.0mm long screws shown in the illustration.

Step 5



- Using the spudger, gently pry the speaker from its plastic socket.

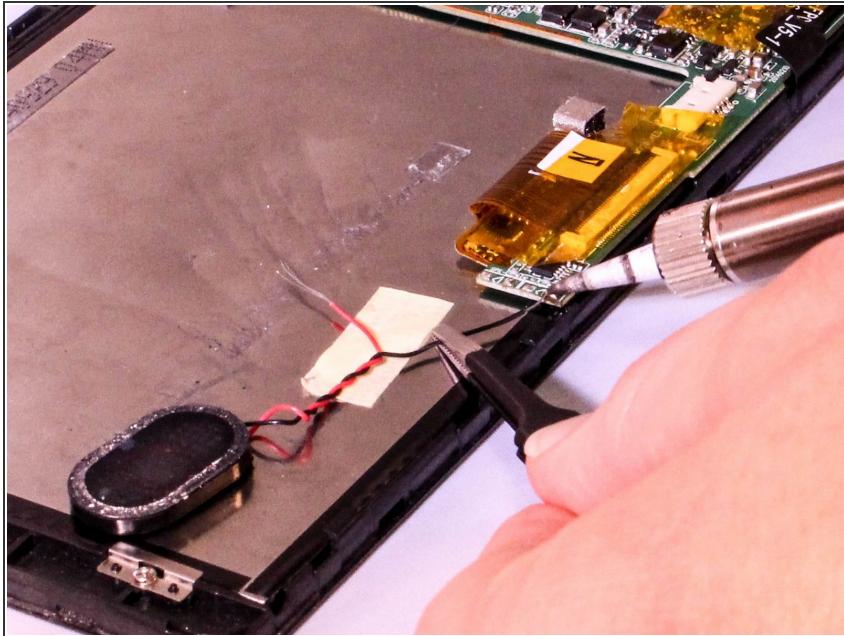
Step 6



- Apply heat to the solder junction of the red wire with a solder iron.
- Once the solder melts, the wire can be disconnected from the circuit board. To do so, use tweezers to apply a gentle tension to the wire when the solder appears fluid.

 During reassembly, the reversal of this step is slightly different. First, apply heat with the iron, then place the wire on the solder pin. Once the solder flows over the wire, pull the iron away and wait for the solder to solidify.

Step 7



- Repeat the previous step to separate the speaker's black wire from the motherboard.
- ➡ During reassembly, the reversal of this step is slightly different. First, apply heat with the iron, then place the wire on the solder pin. Once the solder flows over the wire, pull the iron away and wait for the solder to solidify.

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