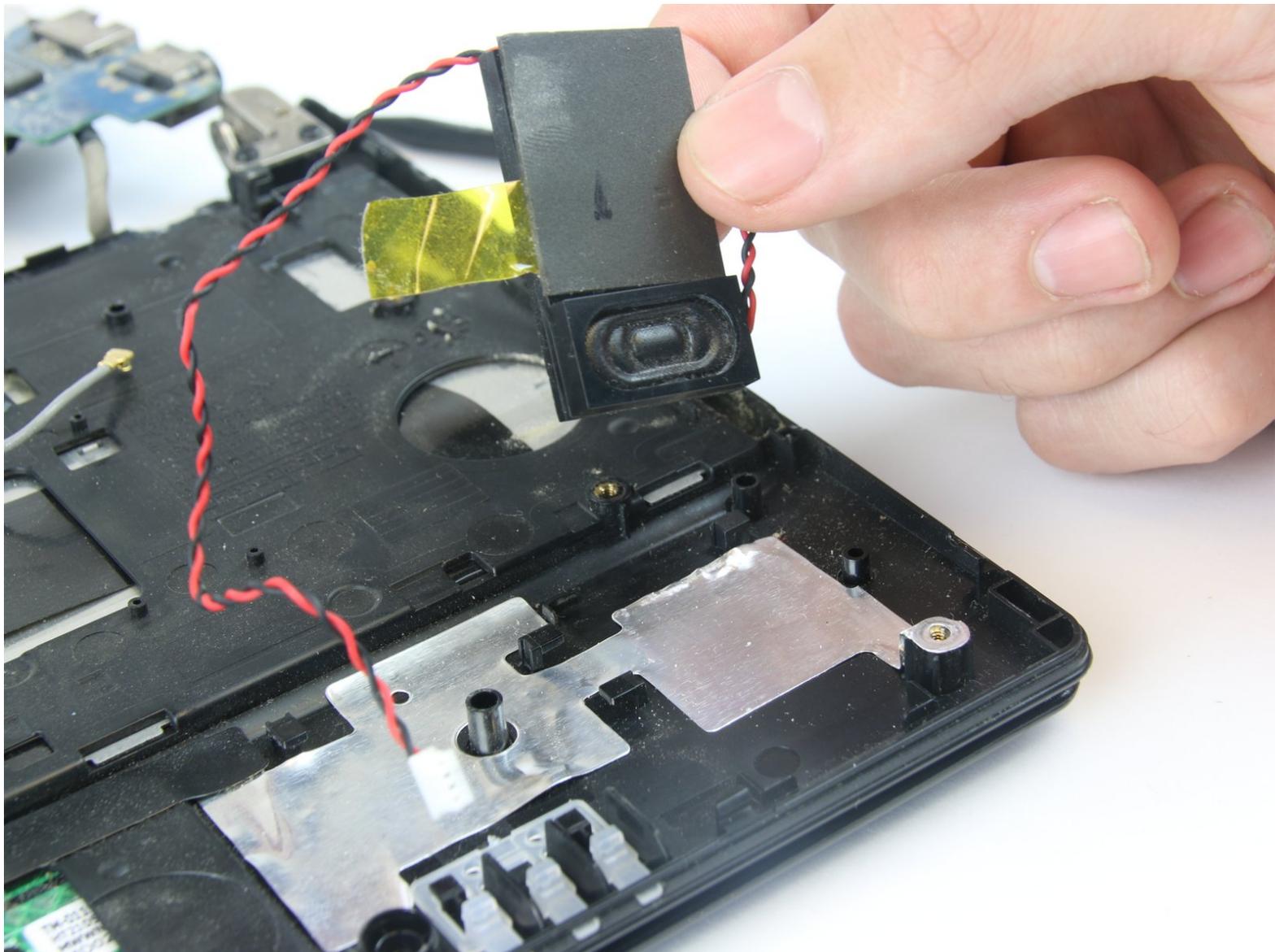




Samsung NP-N102S-B05PH Speaker Replacement

This guide will help you replace an old or otherwise malfunctioning speaker in your laptop.

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 **TOOLS:**

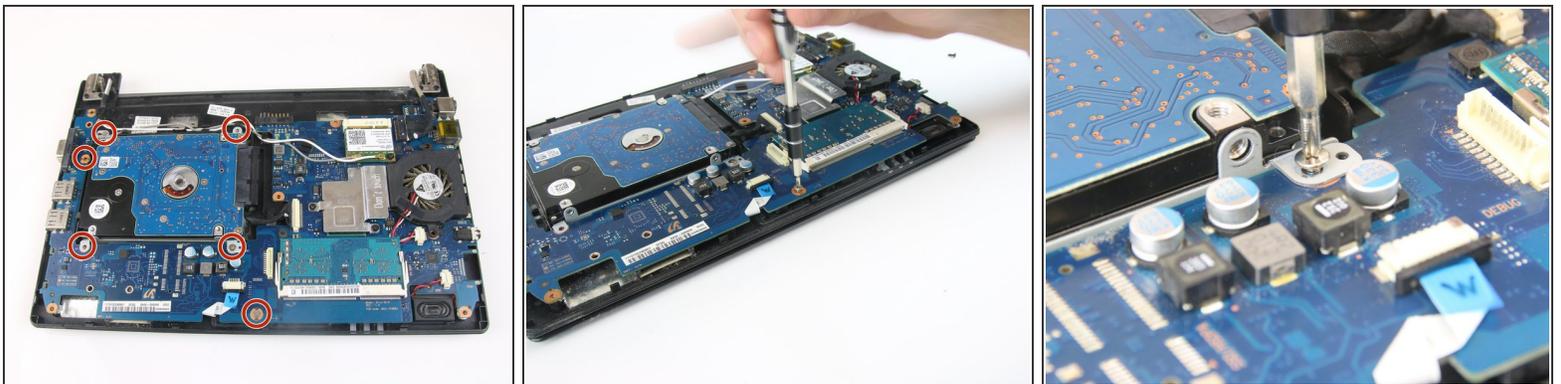
- [Heavy-Duty Spudger](#) (1)
 - [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Speaker



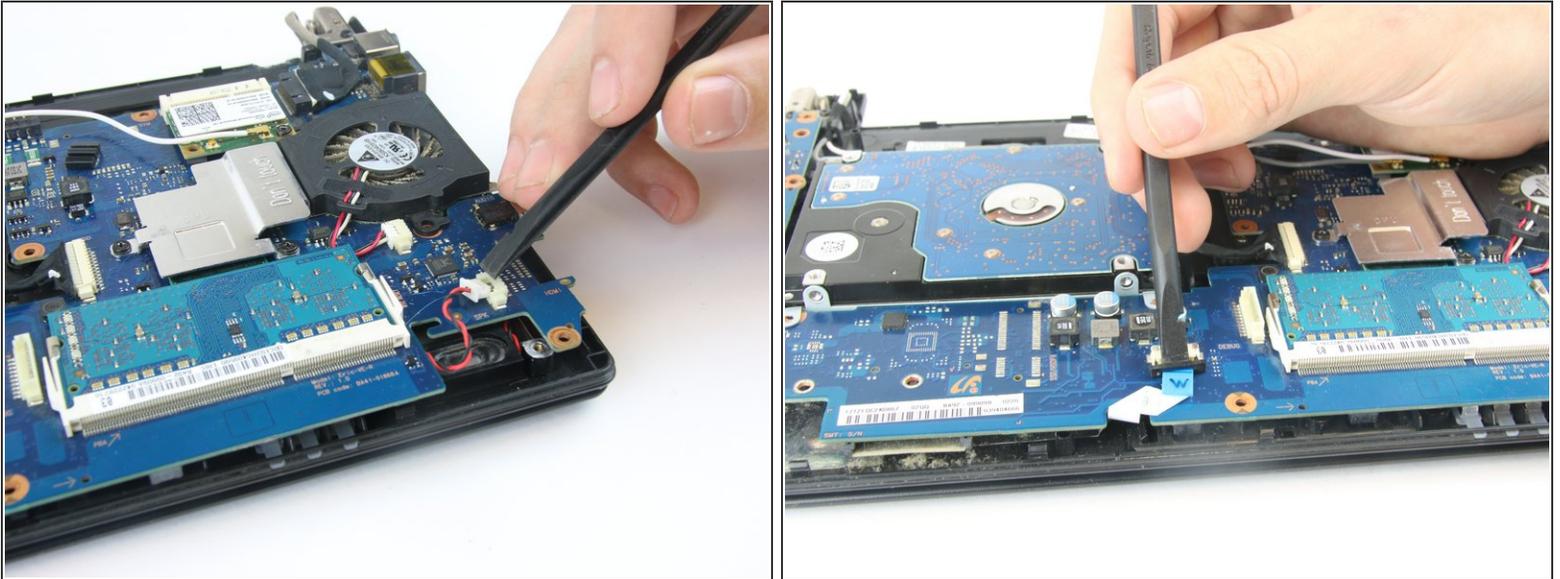
- Place the laptop face-down on a stable surface.
- Remove the nine 6.5mm Phillips #0 screws shown.
- Use the blue opening tool to gently pry the back of the laptop off of the body.

Step 2



- Use a Phillips #0 screwdriver to remove the six 4.5mm screws holding the motherboard to the case.

Step 3



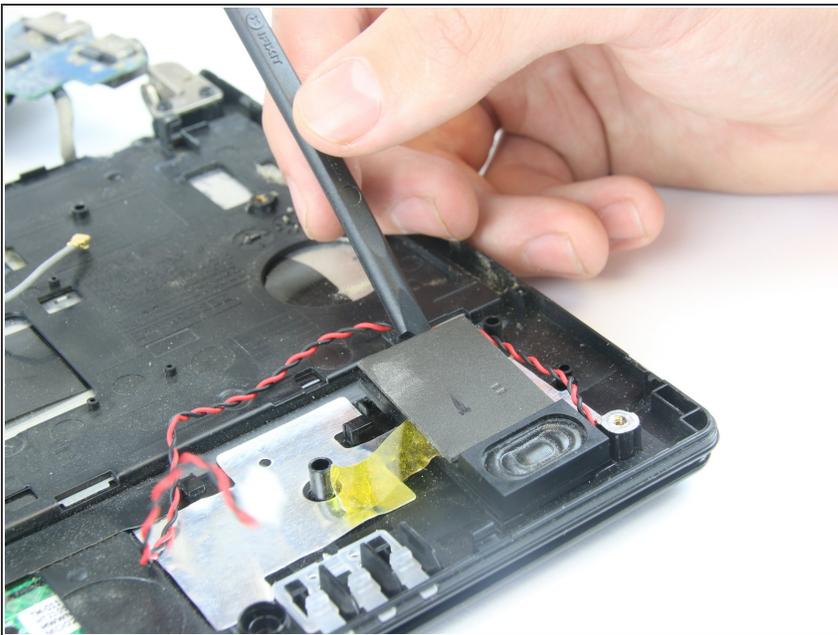
- Use the spudger to remove the red and black cable located above the speaker from its connector.
- Also using the spudger, remove the small ribbon cable located at the bottom of the motherboard, towards the middle.
- Fold the motherboard back, using the computer hinge as the axis of rotation. The motherboard will still be attached to the case by a few wires.

Step 4



- Gently unhook the red and black wires from the plastic clips holding them to the case. This can be done with only your fingers.

Step 5



- Using the spudger, lift the speaker up and out of its holder, as shown. The yellow plastic tape should peel off as well.

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