



iPhone 4 Verizon Speaker Enclosure Assembly Replacement

Internal Prerequisite.

Written By: Andrew Bookholt



INTRODUCTION

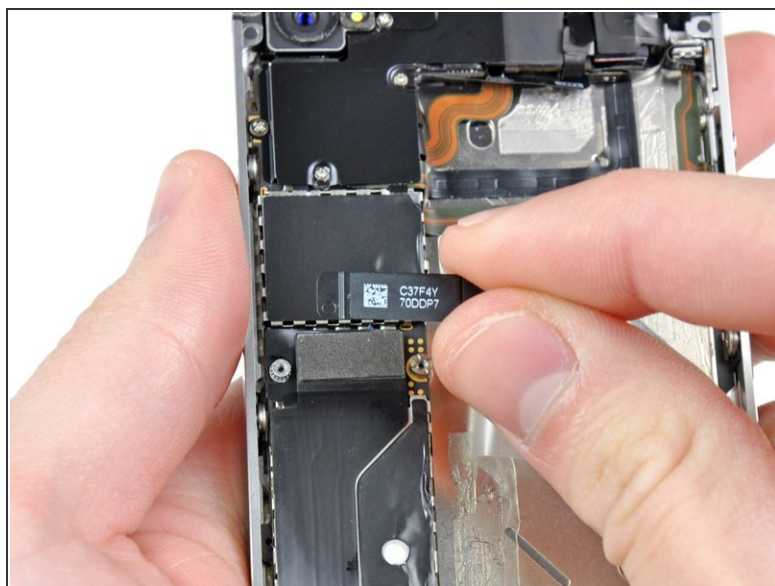
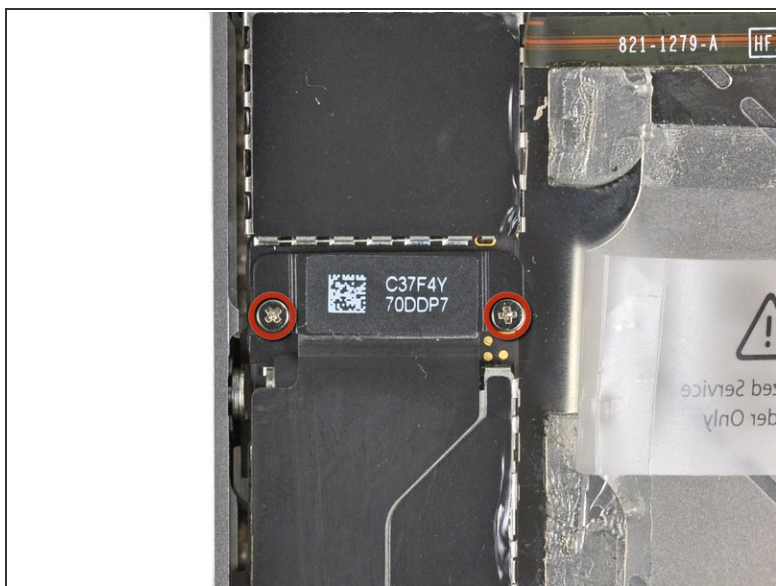
Internal Prerequisite.



TOOLS:

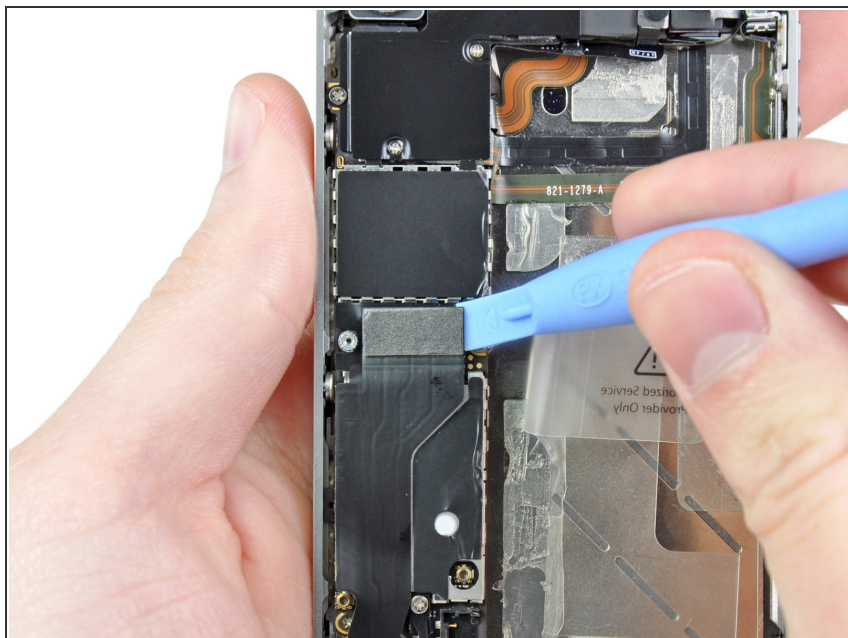
- [Phillips #00 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
-

Step 1 — Speaker Enclosure Assembly



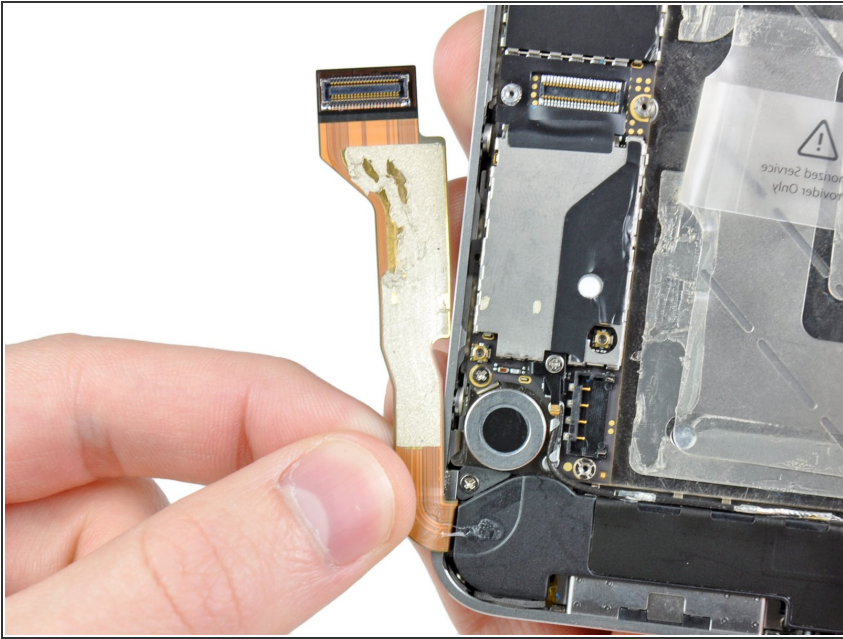
- Remove the two 1.8 mm Phillips screws securing the dock connector cable cover to the logic board.
- Remove the metal dock connector cable cover.

Step 2



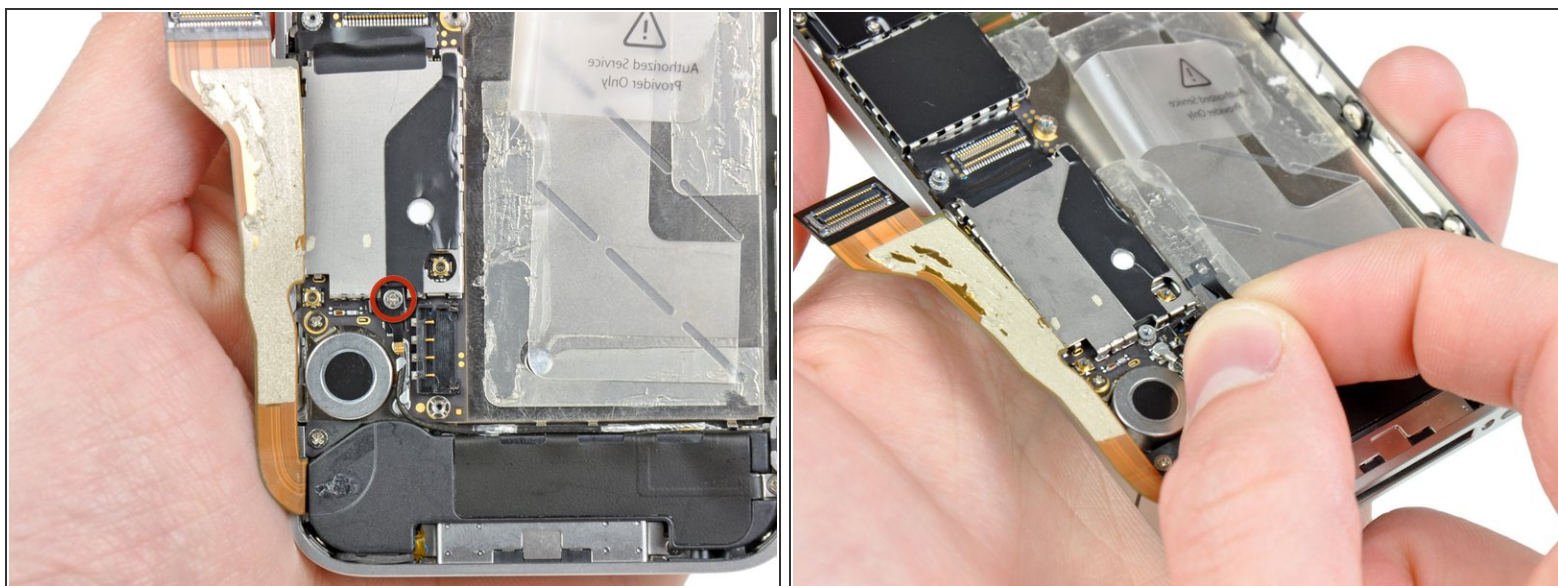
- Use the edge of a plastic opening tool to pry the dock cable up from its socket on the logic board.

Step 3



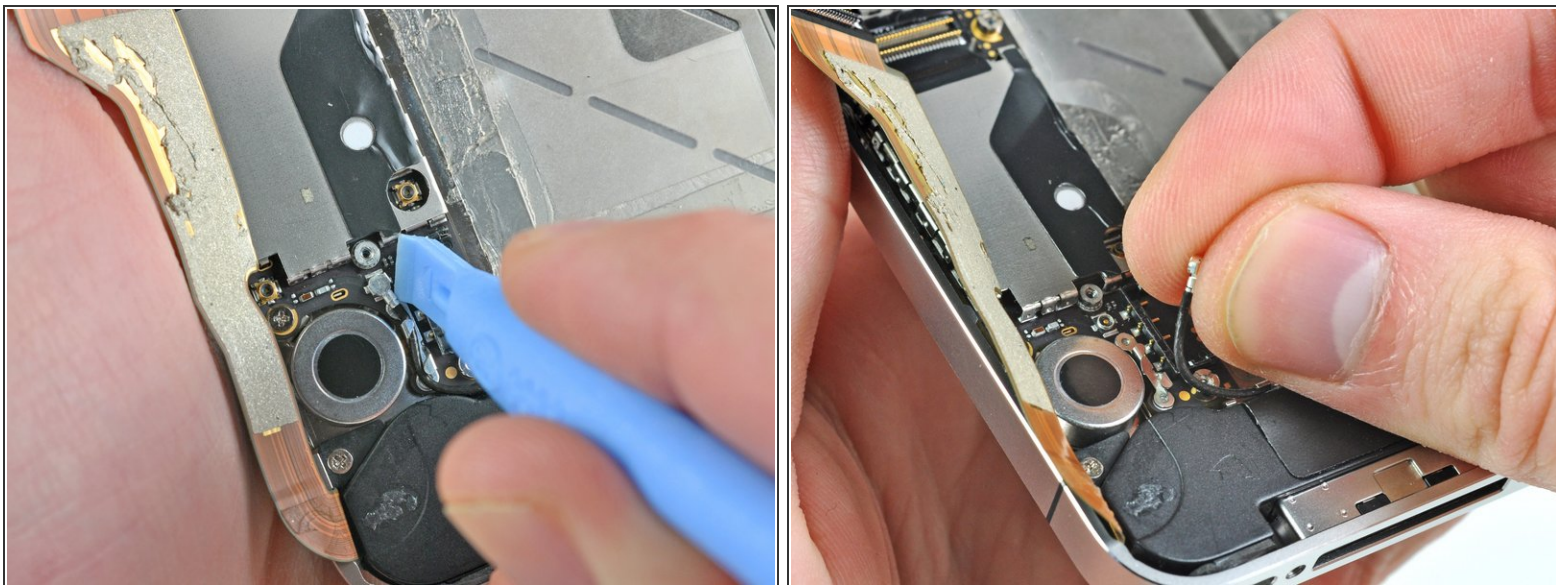
- Peel the dock connector cable off the adhesive securing it to the logic board and the side of the speaker enclosure.

Step 4



- Remove the 1.6 mm Phillips screw securing the pressure contact to the logic board near the vibrator.
 - Remove the pressure contact.
- ⚠ When reinstalling the pressure contact, be sure to clean it with a degreaser such as windex or isopropyl alcohol. The oils on your fingers have the potential to create wireless interference.

Step 5



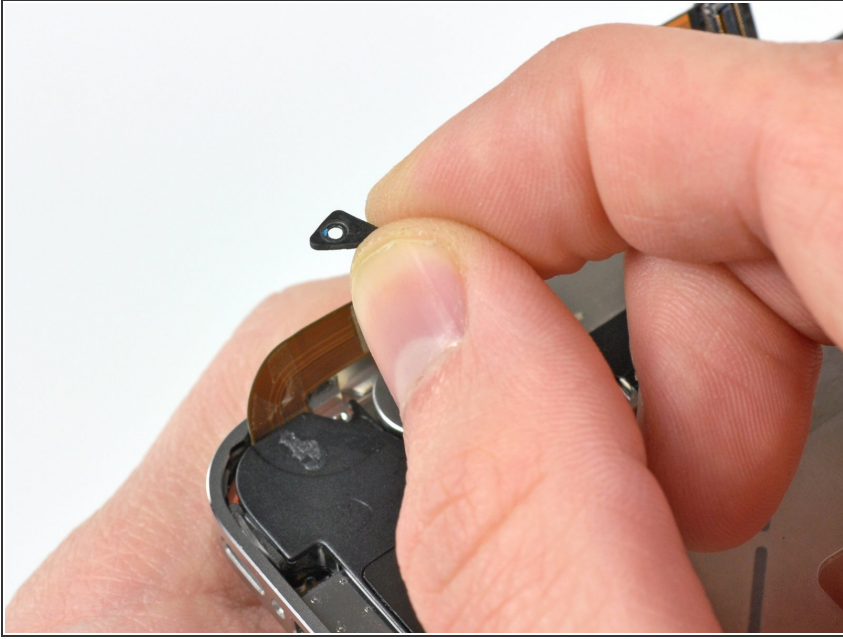
- Use the edge of a plastic opening tool to pry the Wi-Fi antenna cable up from its socket on the logic board.
- De-route the Wi-Fi antenna cable out from under the metal fingers attached to the logic board.

Step 6



- Remove the two 2.4 mm Phillips screws securing the speaker enclosure assembly to the outer case.

Step 7



- Remove the small black spacer that was under the Phillips screw near the vibrator.

Step 8



- Use a plastic opening tool to lift the speaker enclosure assembly out of the case, being sure not to damage the EMI fingers on the attached Wi-Fi antenna.
 - Remove the speaker enclosure assembly.
- ✦ Before reinstalling the speaker enclosure assembly's screws, be sure the Wi-Fi grounding fingers are installed below the lip in the iPhone's metal case as seen in the third picture.
- ⚠ Before reassembly, be sure to clean all metal-to-metal contact points between the grounding fingers of the Wi-Fi antenna and the case of the iPhone with a de-greaser such as windex or isopropyl alcohol. The oils on your fingers have the potential to cause wireless interference issues.

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