



HTC Windows Phone 8S Logic Board Replacement

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INTRODUCTION

How to disassemble the phone and remove the logic / main board.

[video: <https://www.youtube.com/watch?v=emuga3EO4hg>]

TOOLS:

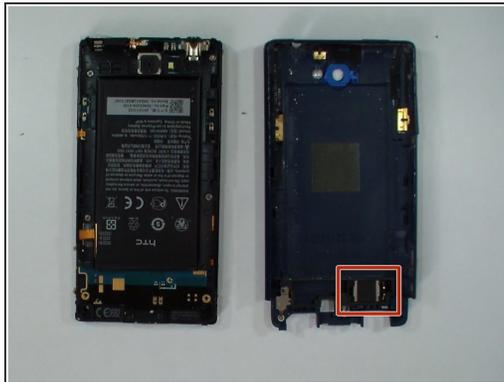
- [Phillips #0 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [Spudger](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Loudspeaker



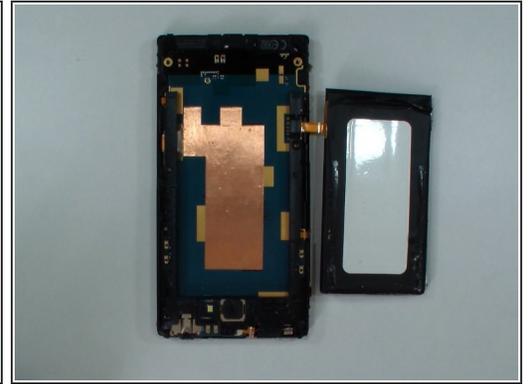
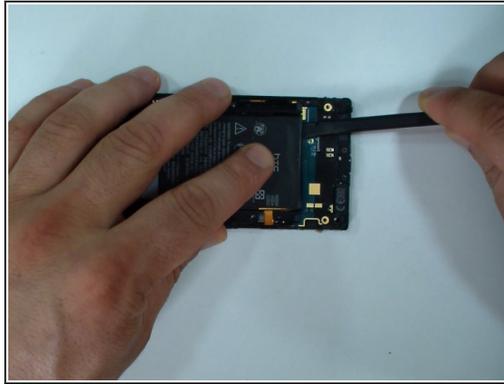
- Switch off the phone.
- Remove the SIM / memory card cover.
- Remove any SIM and memory cards.
- Use screwdriver torx T5 and unscrew the two screws at the bottom of the battery / back cover.

Step 2



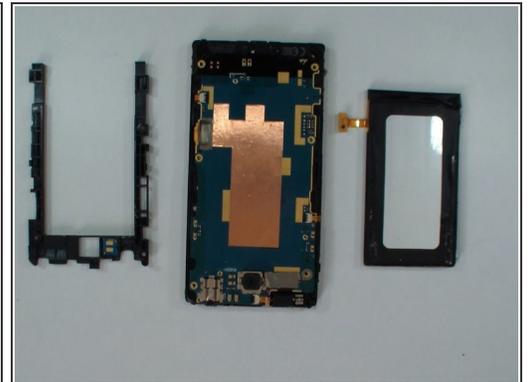
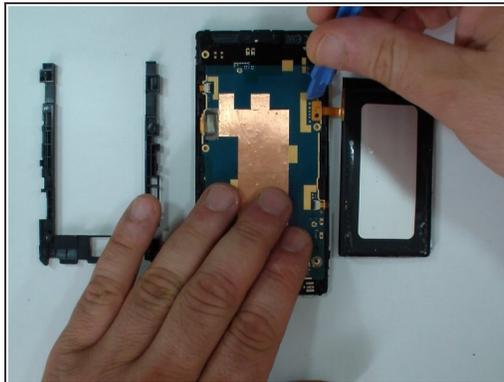
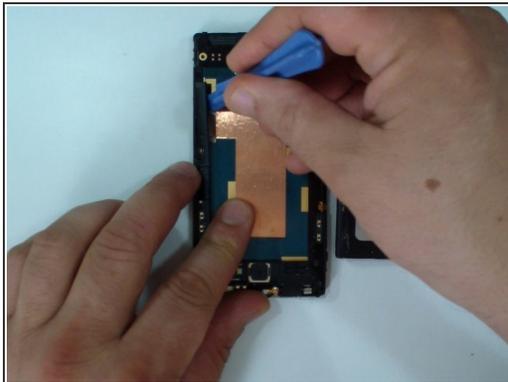
- Use a plastic tool and slowly separate the back cover.
- The loudspeaker is inside on the back cover.

Step 3 — Battery



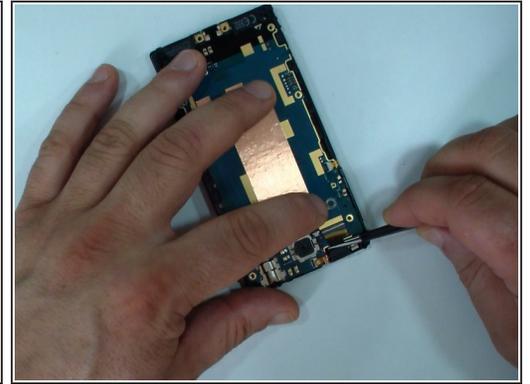
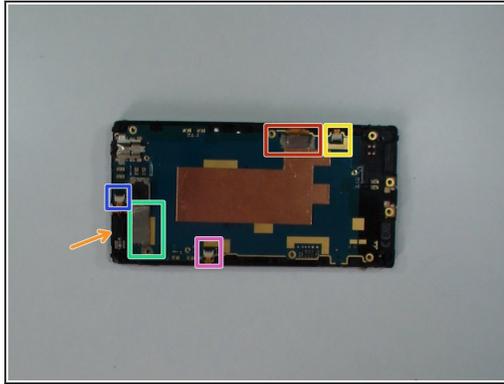
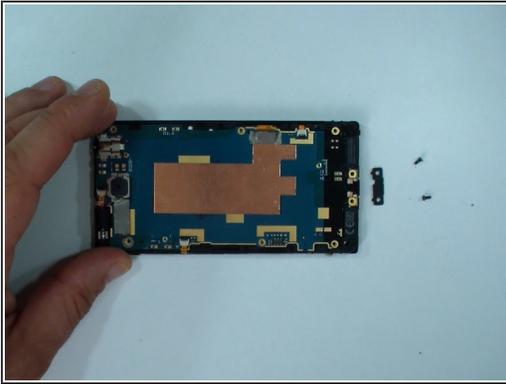
- Use a Phillips #0 screwdriver and remove the 4x silver screws.
- With a plastic tool carefully separate the battery from the logic board.

Step 4



- The battery connector is under the middle frame. Remove it and disconnect the battery.
- Model: BM59100 / 3,8VDC / 1700mAh

Step 5 — Flex Cables



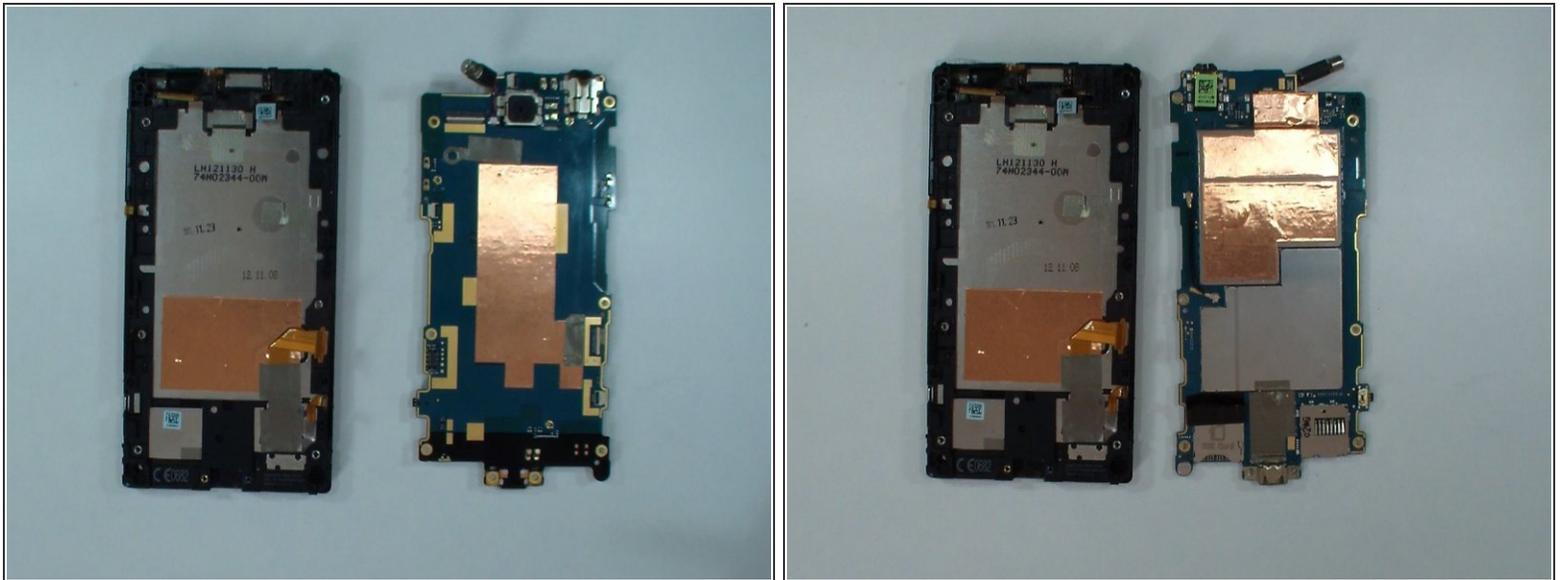
- Remove the USB dock connector metal plate.
- Open flex cable connectors:
 - LCD display flex cable
 - Menu buttons flex cable
 - Volume buttons flex cable
 - Touch screen flex cable
 - Power button flex cable
- Pick up the vibrating motor and take out all flex cables except the LCD display flex cable.

Step 6 — Logic Board Removal



- The logic board is secured to the display frame by two locking clips.
- Use a plastic tool to release it.
- Now remove the LCD display flex cable from its connector.

Step 7 — Logic Board / Main Board



- HTC Windows Phone 8S Logic Board.

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