



Huawei Ascend W1 Motherboard Replacement

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 **TOOLS:**

- [T6 Torx Screwdriver \(1\)](#)
- [Tweezers \(1\)](#)

Step 1 — The phone's orientation.



- Flip the device over so that the back of the phone is facing you and the screen is against your palm.

Step 2 — Removing the back cover.



- Locate the slit at the bottom of the back cover.
- Using your fingernail, lift up on the back cover to expose the battery.

Step 3



- Lift the back cover off the phone.

(i) The back cover is snapped onto the phone so you will feel it unsnapping as you remove it.

Step 4 — Removing the battery.



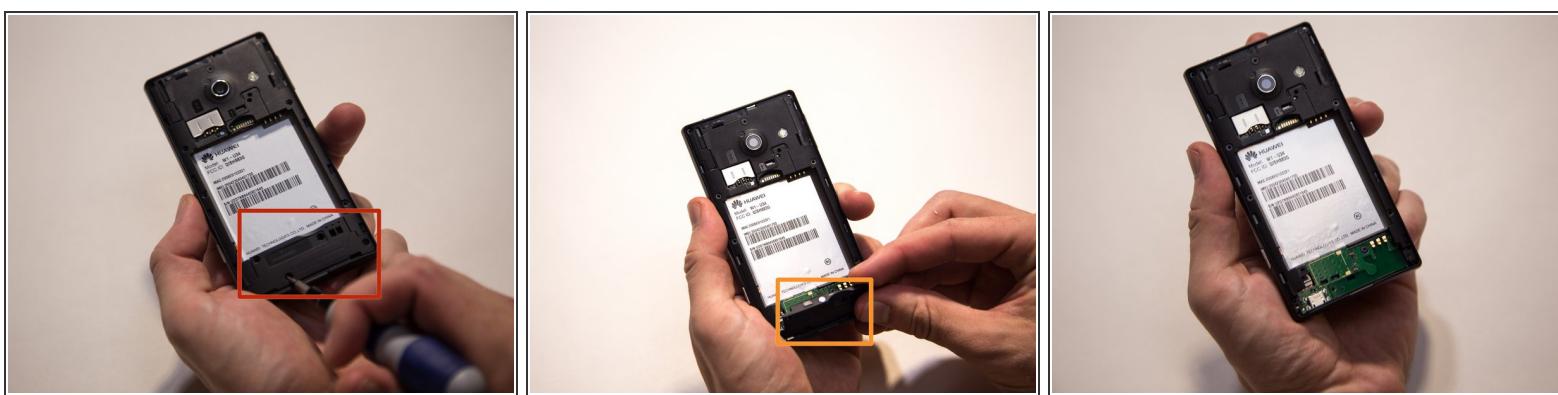
- Find the indented notch at the base of the battery.
- Lift the battery out of the phone with your fingers by pressing forward and lifting upward.

Step 5 — Remove all the screws.



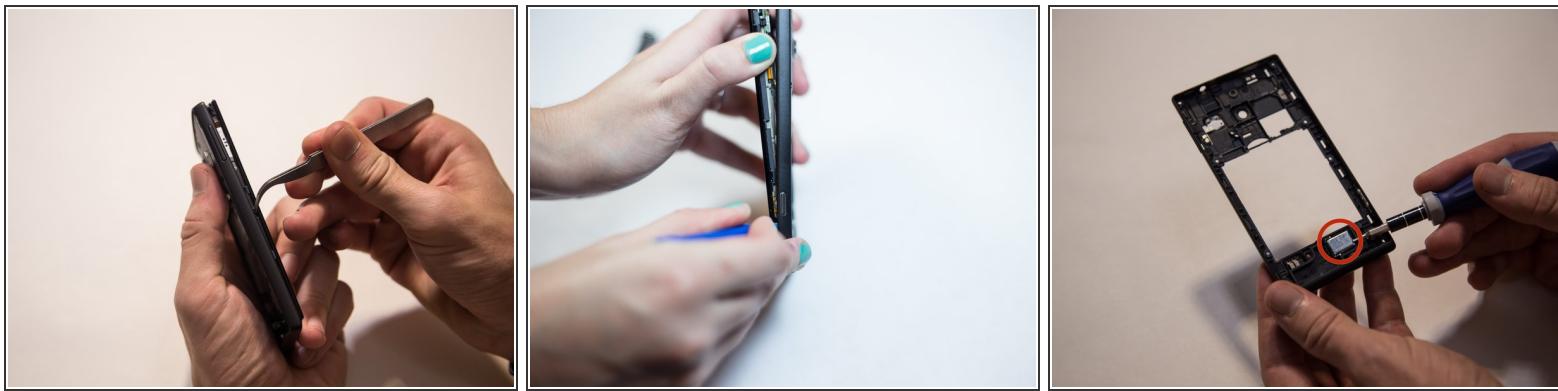
- After removing the battery, remove the screws using a T6 screwdriver.
- There are eleven screws that hold the middle cover to the rest of the phone.
- The screw that is marked by the orange circle is covered by a white dot.

Step 6 — Removing lower section of the middle cover.



- After all the screws are removed, use your fingers to remove the lower section of the middle cover.
- Pull the lower section of the middle cover outward towards you, exposing the circuit board underneath.

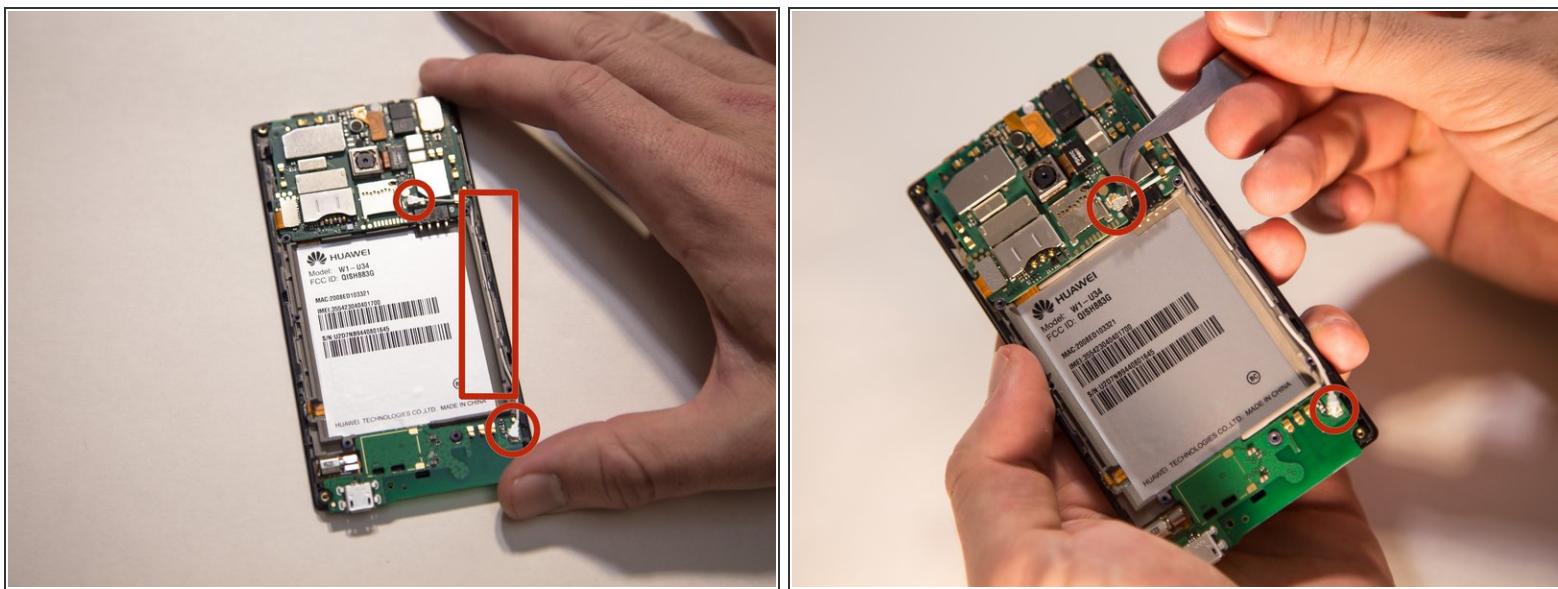
Step 7 — Removing the rest of the middle cover.



- Begin working your way around the sides of the cover plate, unsnapping it gently.
- The middle cover is a thin piece of plastic with the external speaker inside of it.

 Be **gentle** as you remove circuit cover. The parts might break if you are too forceful.

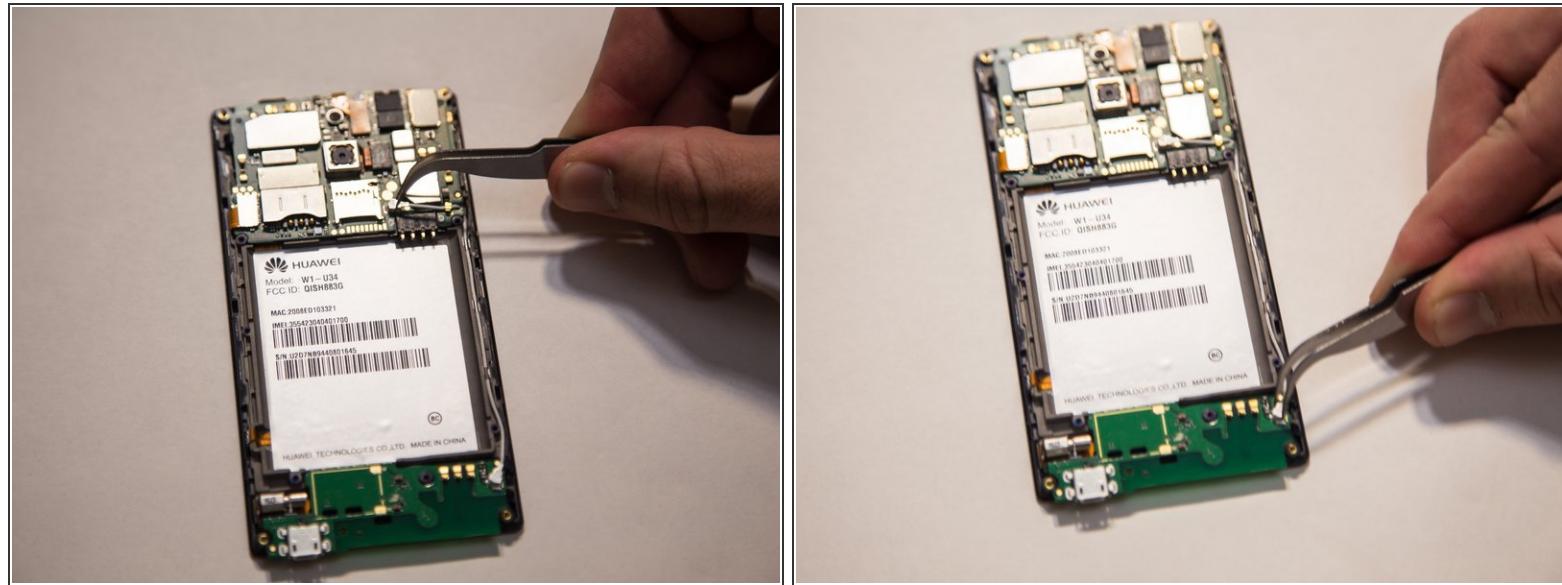
Step 8 — Locating the antenna.



 The middle covers are removed.

- The antenna is a thin white wire that connects to the circuit board in two locations.

Step 9 — Removing the antenna



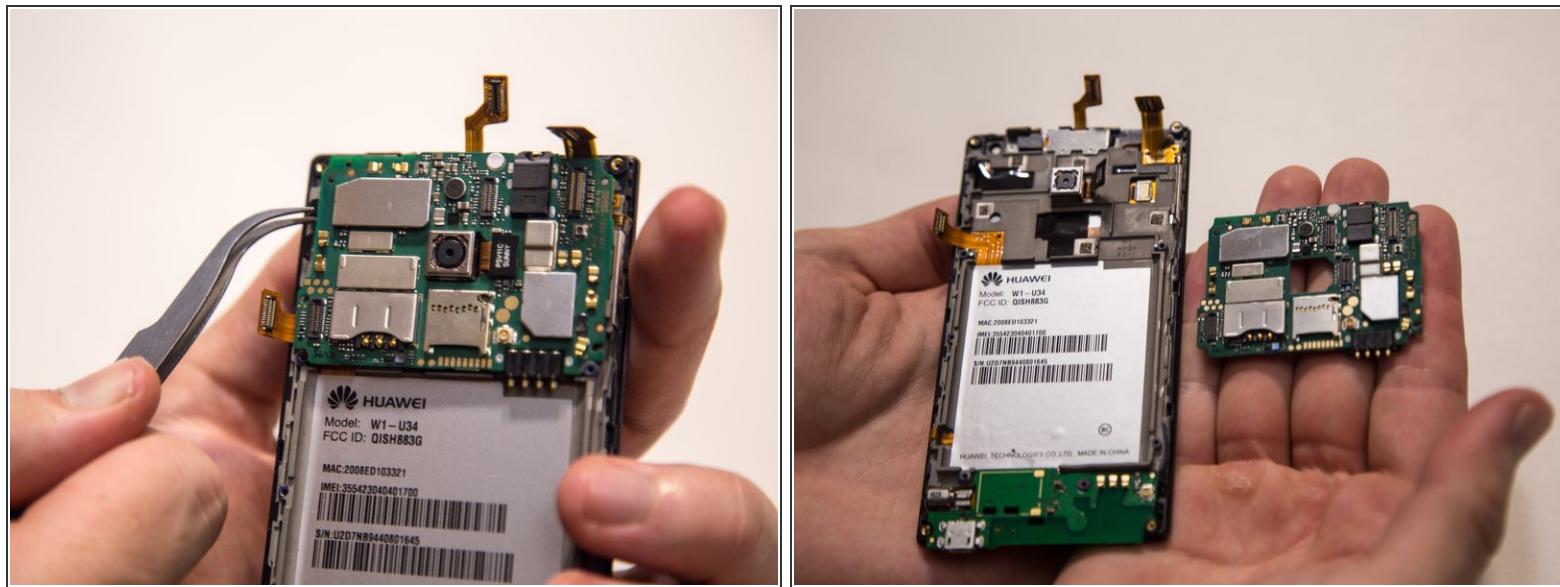
- Lift gently at each connector of the white wire to disconnect the antenna from the port.

Step 10 — Motherboard



- Use a plastic spudger or your fingers to gently pry up the four flex cables from the main board.

Step 11



- *i* With the back of the phone facing you, there will be a small black clip on the left side holding the main board in place.
- Gently pry up near the small black clip with your fingers or a plastic spudger to detach the main board.

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