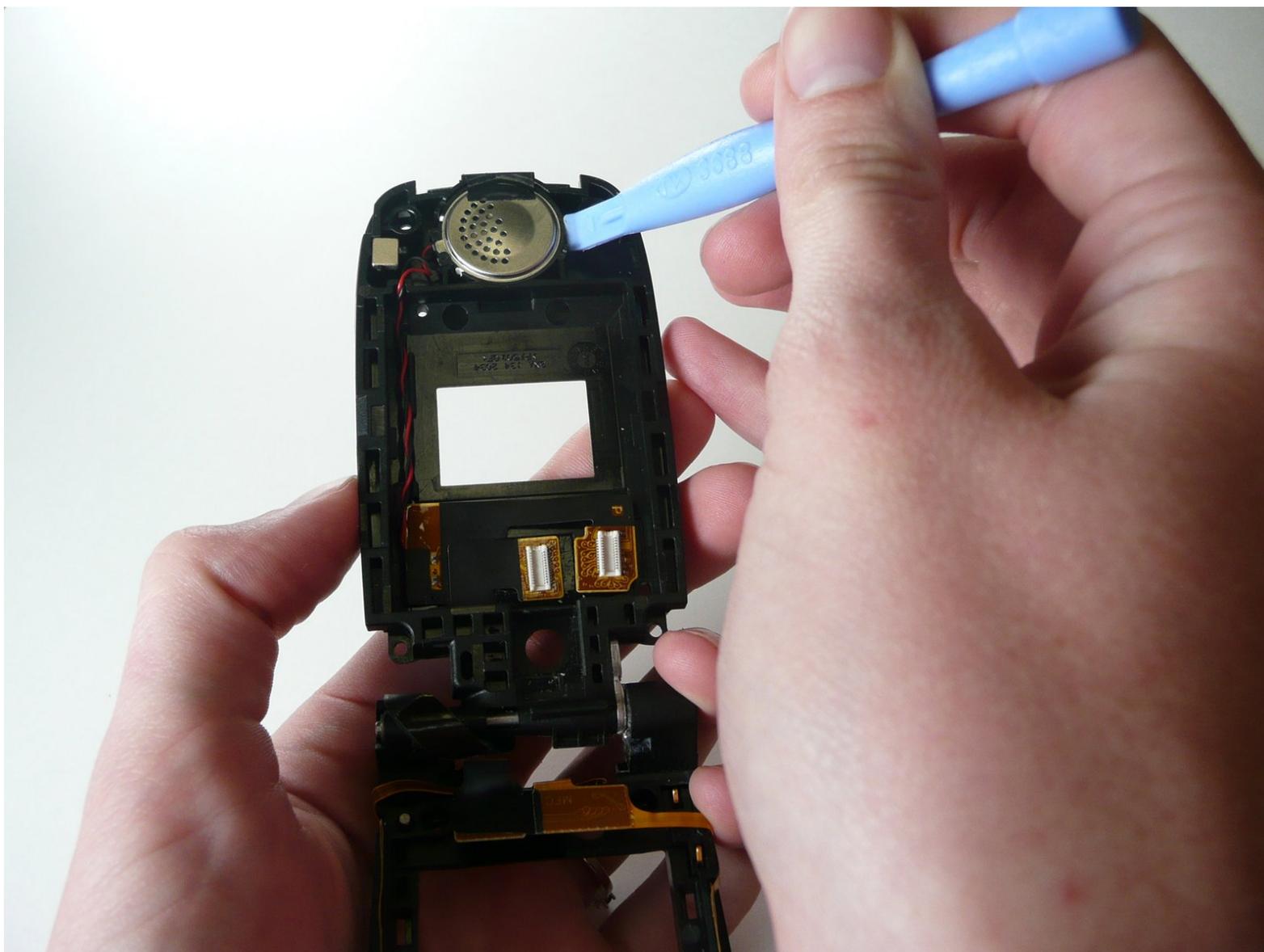




Sony Ericsson Z500a Speaker Replacement

The thing that emits sound.

Written By: Tim



INTRODUCTION

The thing that emits sound.



TOOLS:

- [iFixit Opening Tool](#) (1)
-

Step 1 — Keypad



- Remove the back cover by pulling it down, and then take out the battery.
- Using a T6 Torx screwdriver, remove the 4 screws.
- Keep the phone open with the back cover facing you.

Step 2



- Use the plastic opening tool and run it between the case and the body of the device to loosen the keyboard
- ⓘ There are 2 clamps that lock the keyboard to the case (1 on each side)

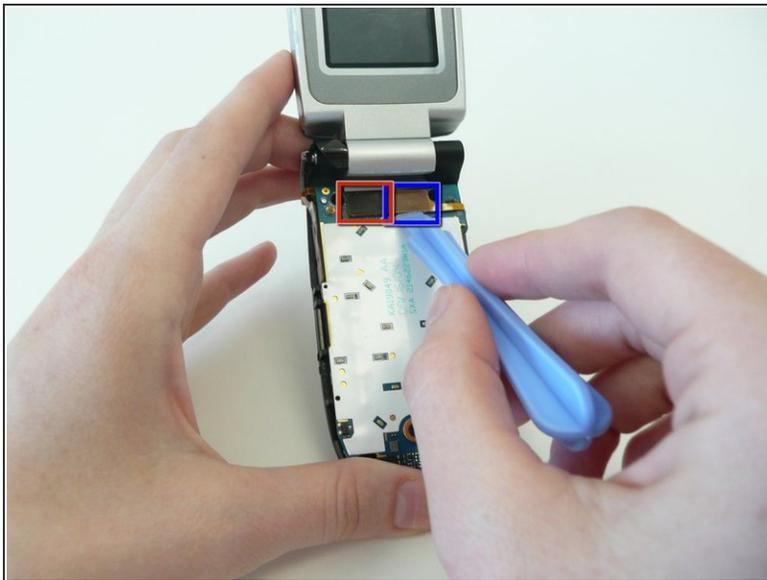
Step 3



- Flip the phone over and lift straight up on the key pad to remove it.

⚠ Be sure to hold the phone flat (parallel to the table) so that no loose parts fall out.

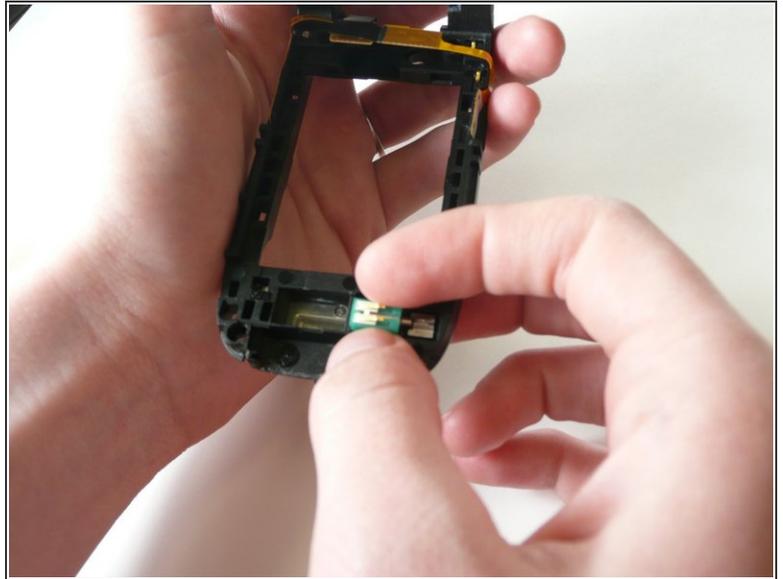
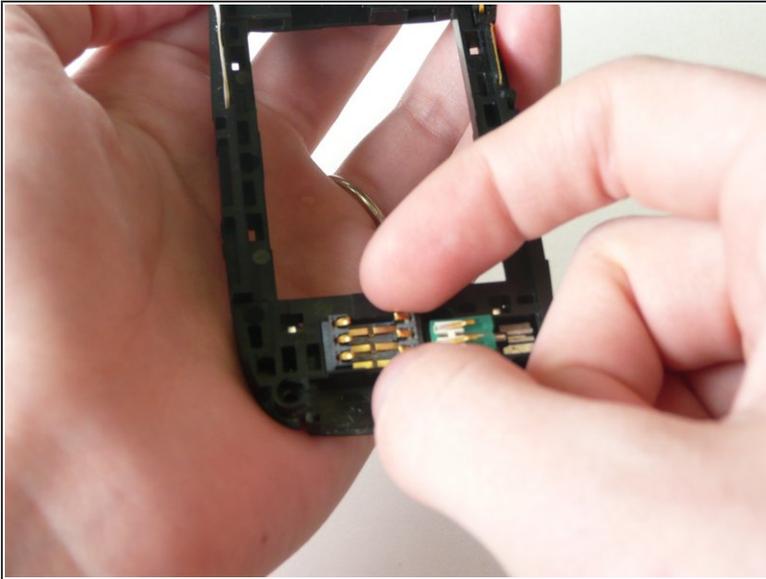
Step 4 — Logic Board



- Use the opening tool to remove the 2 ribbon wires (boxed in the photo) from the logic board.

⚠ Gently lift the back of the logic board and then pull outwards. Be careful not to rip the ribbon wire.

Step 5



- Remove the black sim card reader and green vibrator before continuing to ensure they do not fall out.

Step 6 — Screen



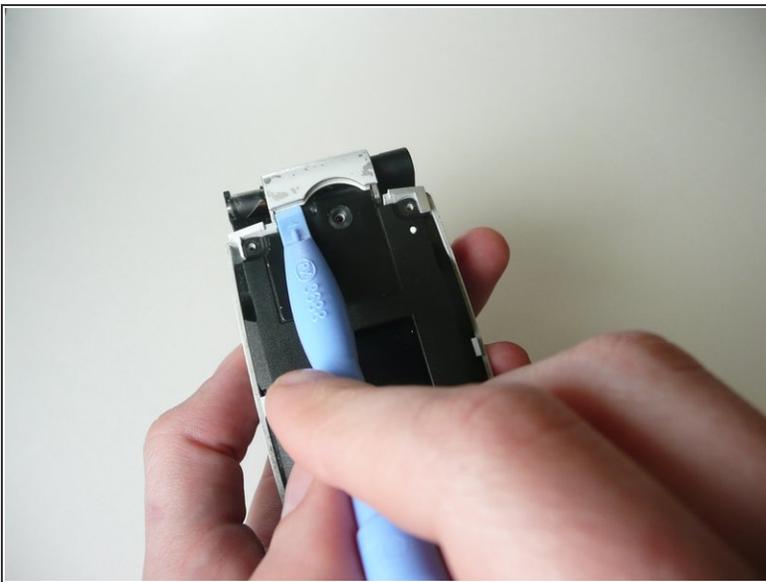
- Close the phone, flip it over, grab the remaining gray covering of the phone and pull it straight up to remove it.
- ⓘ Be careful when pulling upward to ensure that you do not break the piece below it.
- Once the cover is removed, remove the black piece underneath.

Step 7



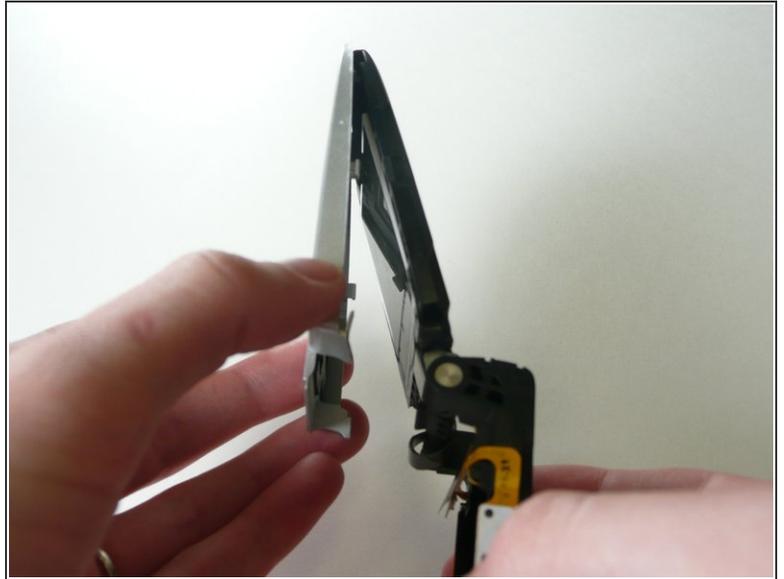
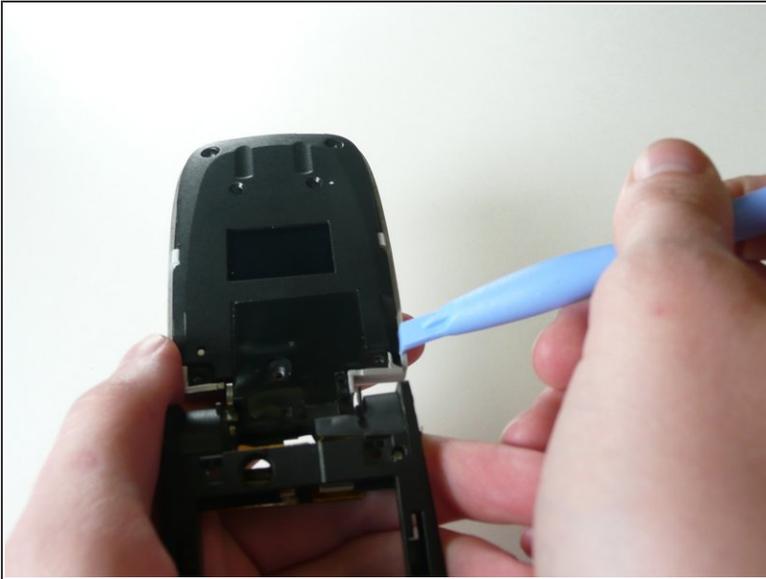
- Remove the face of the phone by sliding it down.
- Unscrew the 4 screws connecting the screen to the base using a T6 Torx Screwdriver.

Step 8



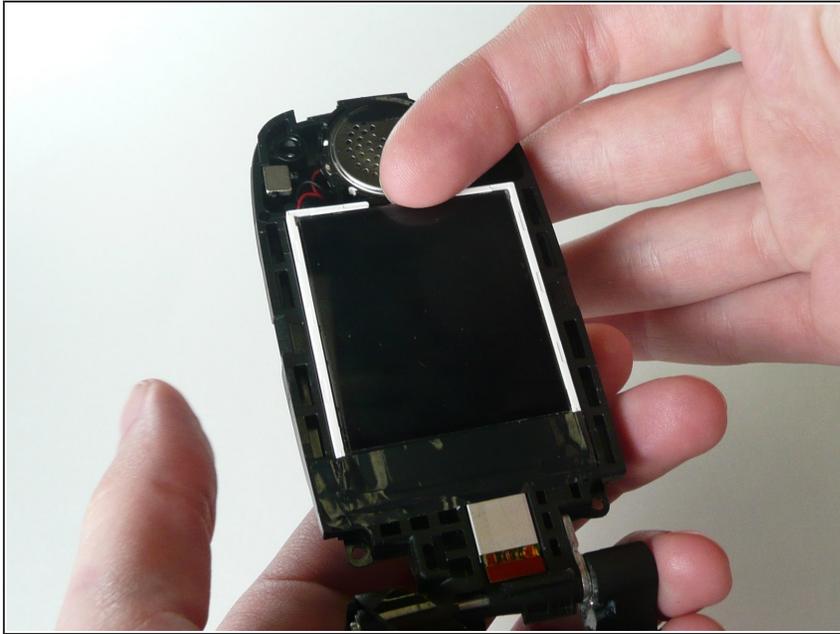
- Use the opening tool to pry up the edge of the remaining silver hinge cover. Once it is loose, pull it off the rest of the way

Step 9



- To remove the plastic cover on the screen, run the opening tool along the sides between the cover and the body of the phone (like you did for the keyboard) and gently pry upward until it is loose.
- ⓘ Like the keyboard there is one clamp on each side.
- Grab the cover at the bottom of the screen (near the hinge) and pull outward while leaving the top (near the speaker) connected.

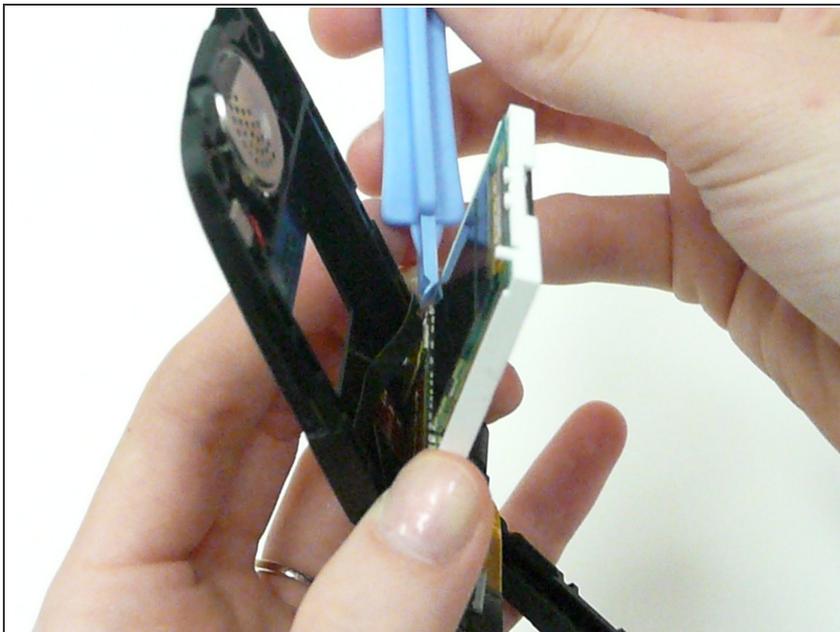
Step 10



- Remove the tape on the bottom of the screen so that the screen will be able to come out.
- There is a finger notch on the top of the screen, gently pull out halfway.

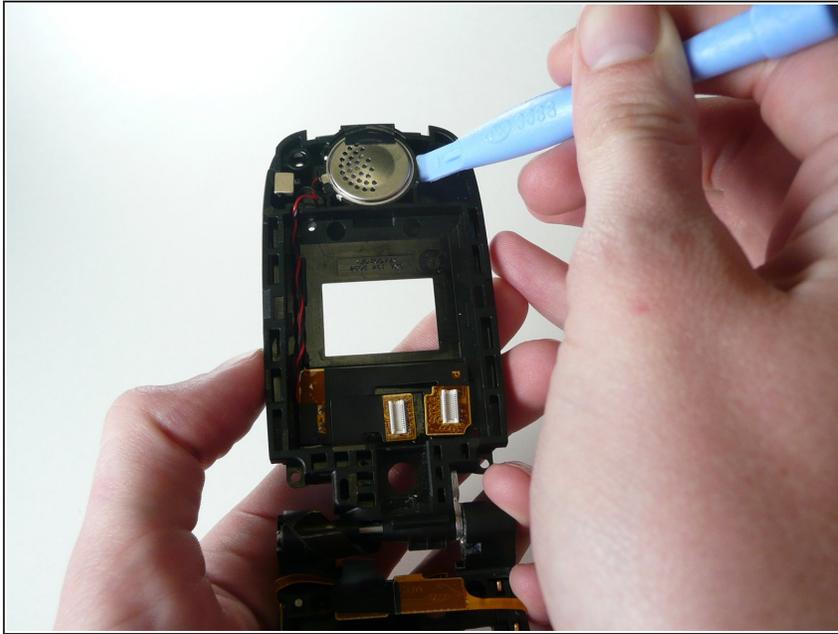
⚠ Caution: the back of the screen is connected to the base of the phone. So do not pull out or the connection will be broken.

Step 11



- Use the opening device to remove the ribbon wire where it connects to the screen.

Step 12 — Speaker



- Use the iPod opening tool to place under speaker and pop it out.
- The wires on the speaker are soldered on so they need to be detached and connected to new speaker.

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