
INTRODUCTION

This guide is a full disassembly of the entire device, which can be used to replace the speaker, battery connector, keyboard, screen, or logic board. However, if you are considering replacing the logic board, it might be a simpler and less expensive to purchase a new phone.

TOOLS:

- [Precision Screwdriver Set](#) (1)
 - [Spudger](#) (1)
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Step 1 — BlackBerry 7105t Disassembly



- With the back of the device facing you, press down on the button while sliding the battery casing away from the speaker to remove it.

Step 2



- Use a plastic opening tool or fingernails to unclip the two hinges of the speaker covering and remove it.

Step 3



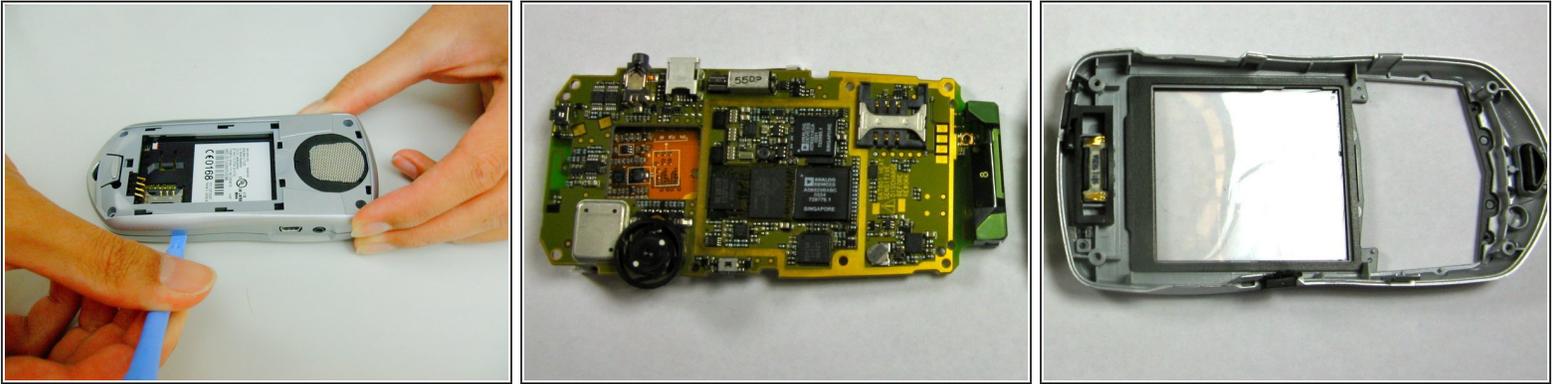
- Remove the battery by pushing against it from the right and then pulling towards you.

Step 4



- Remove the four screws indicated in the picture with a #T6 Torx Bit screwdriver and set them aside.

Step 5



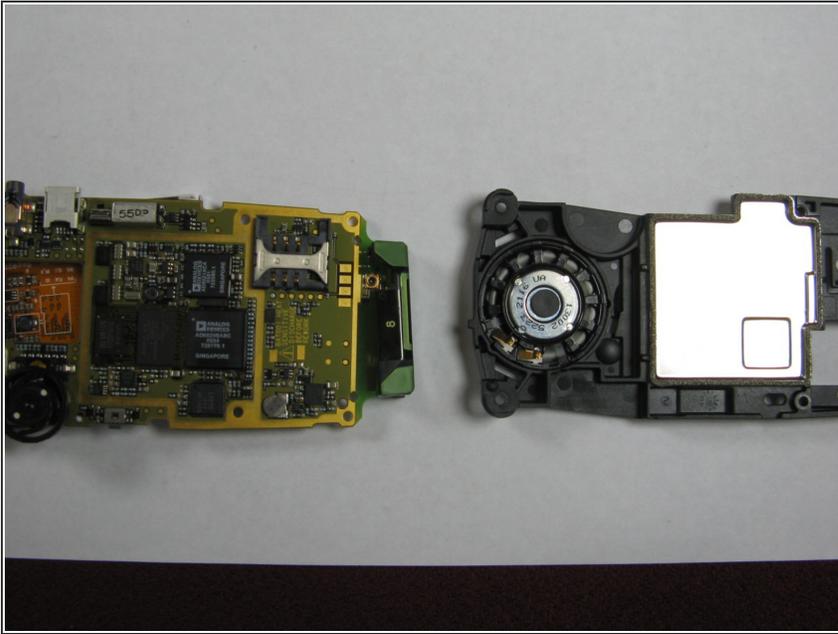
- Use a plastic opening tool or your fingernails to remove the plastic backing.
- Start with the seam indicated in the picture and slide the plastic opening tool until the case is separated.

Step 6



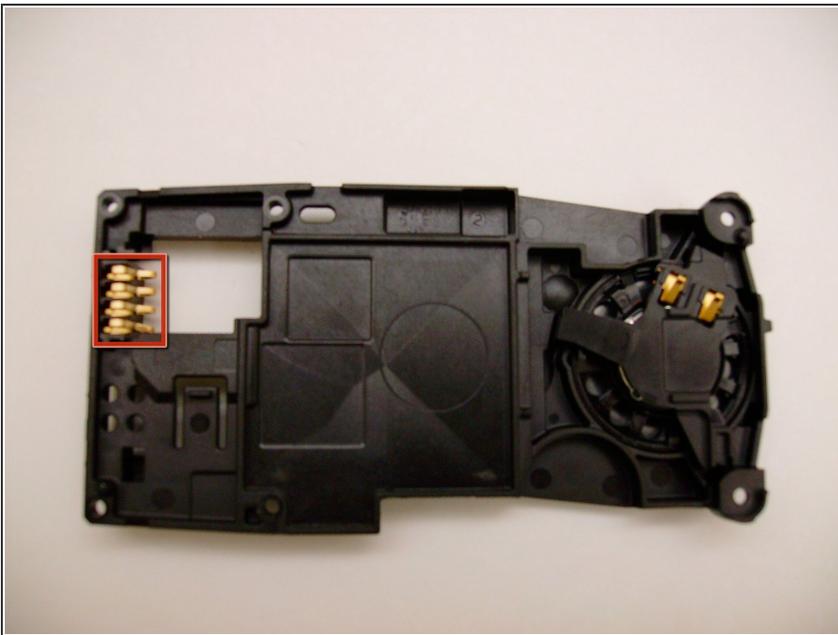
- Unscrew the four screws indicated in the picture with #T6 Torx Bit screwdriver.
- Place the four screws released from the phone in a plastic bag.

Step 7



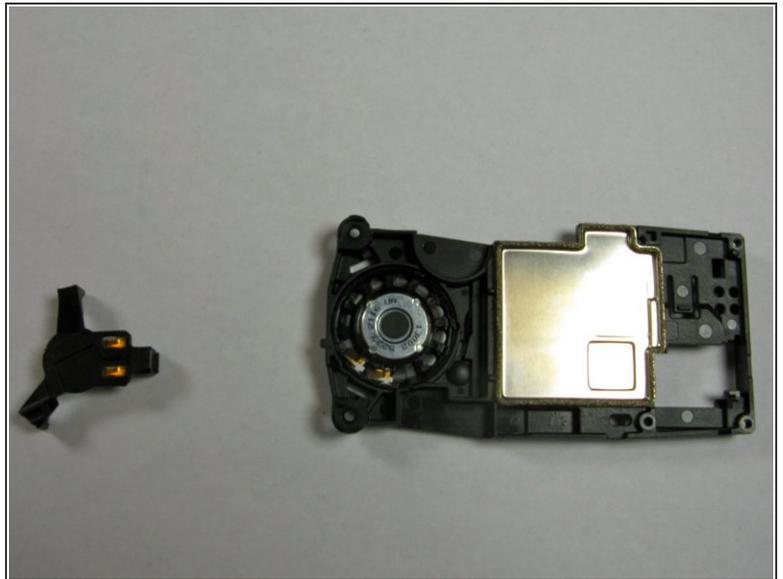
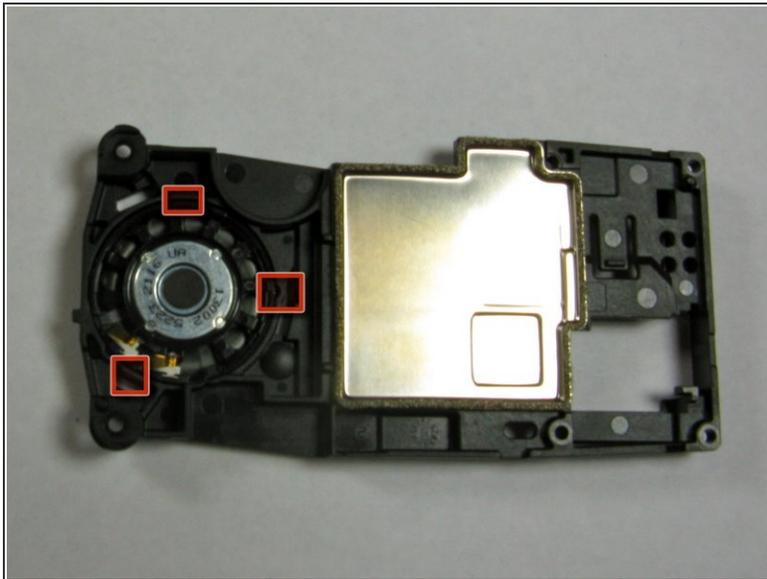
- The black battery casing and logic board can now be separated for the following steps.

Step 8 — battery contact



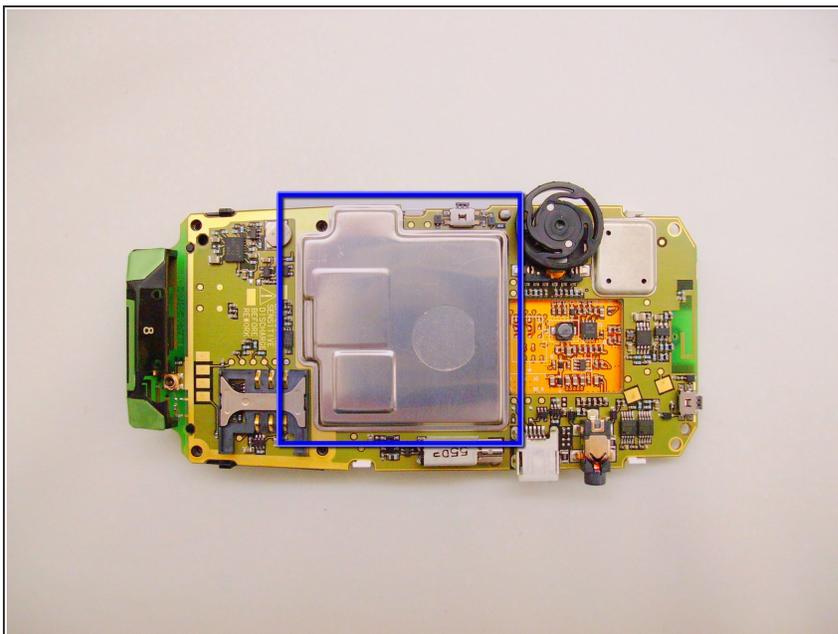
- With the speaker facing you, place your fingers on the gold battery connector.
- Pull upwards and release the battery connector from the black body piece.

Step 9 — Speaker



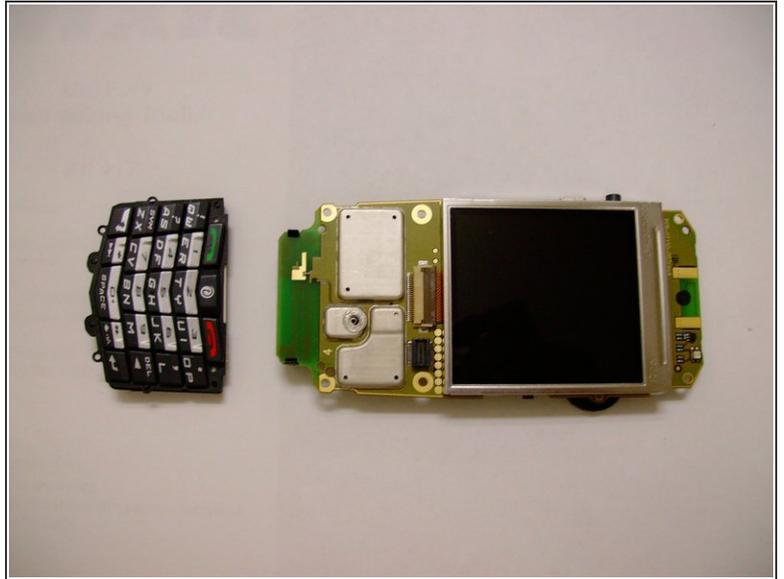
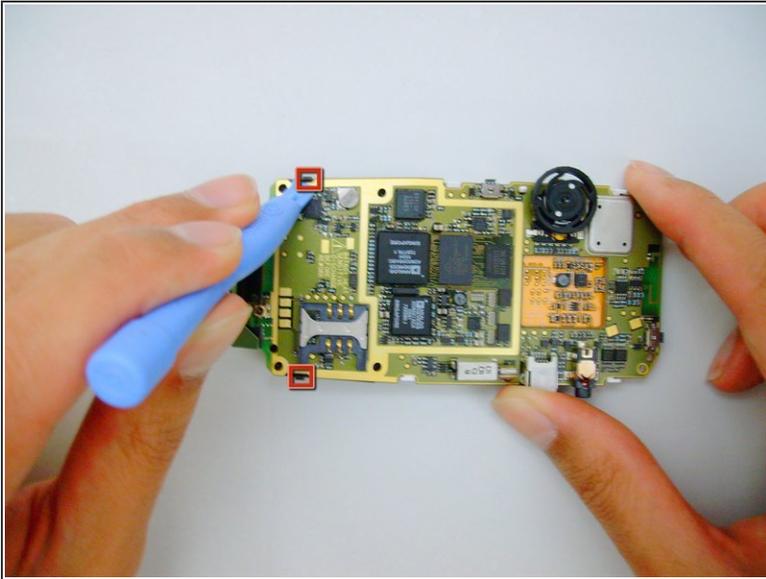
- With the speaker facing towards you, use a spudger to unfasten the three clips indicated in the picture.
- Place the three clips in plastic bag and set aside.
- Once clips are removed, you will have full access to remove the speaker.

Step 10 — Second Disassembly



- The silver piece is not attached to the logic board in any way, and can be taken off by lifting it up with plastic opening tools.
- ⓘ **Warning:** Some of the phones have an adhesive between the silver part and the battery housing, so it could stick to the black piece you just removed.

Step 11 — Keyboard

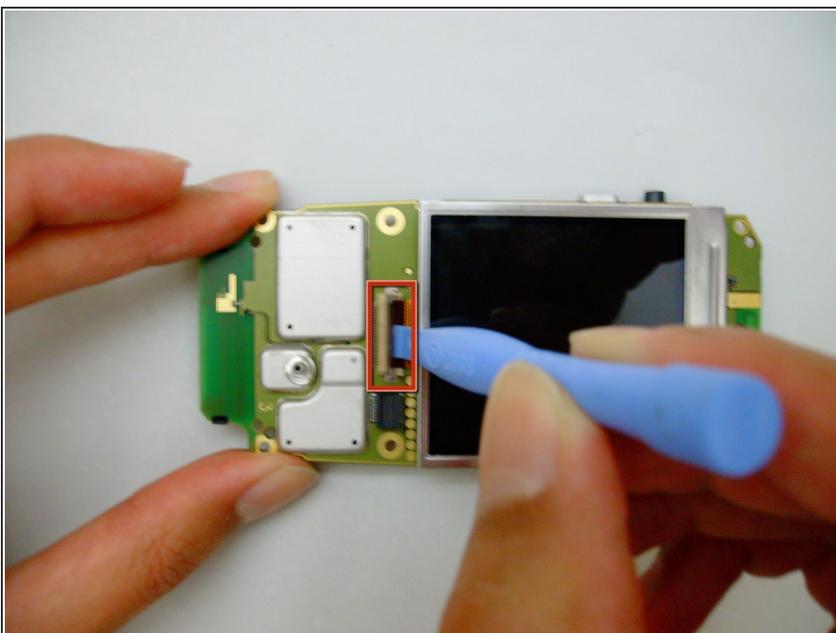


- Use a plastic opening tool to lift up the two black clips indicated in the picture.

⚠ Hold on to the keyboard while unfastening the clips.

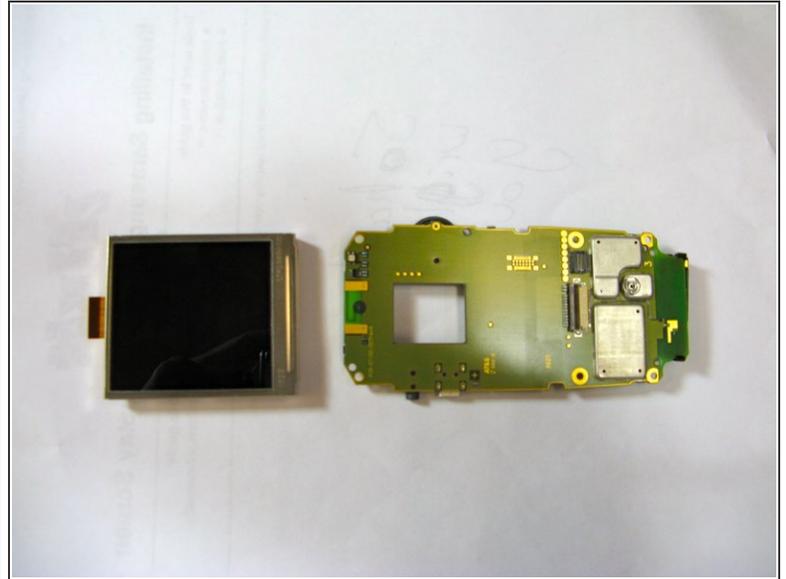
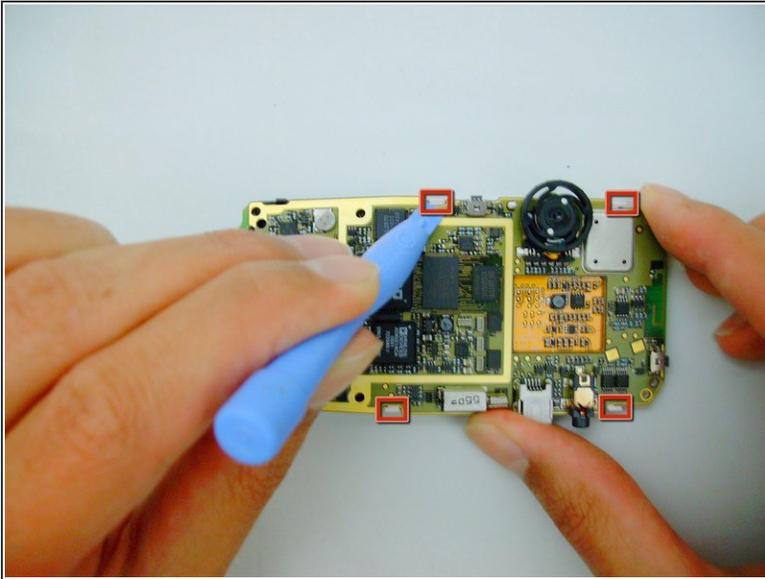
- The keyboard will detach once the clips are unfastened.

Step 12 — LCD



- With the screen facing you, you will be able to see a small grey plastic clip.
- Use a plastic opening tool to unfasten the clip as shown.

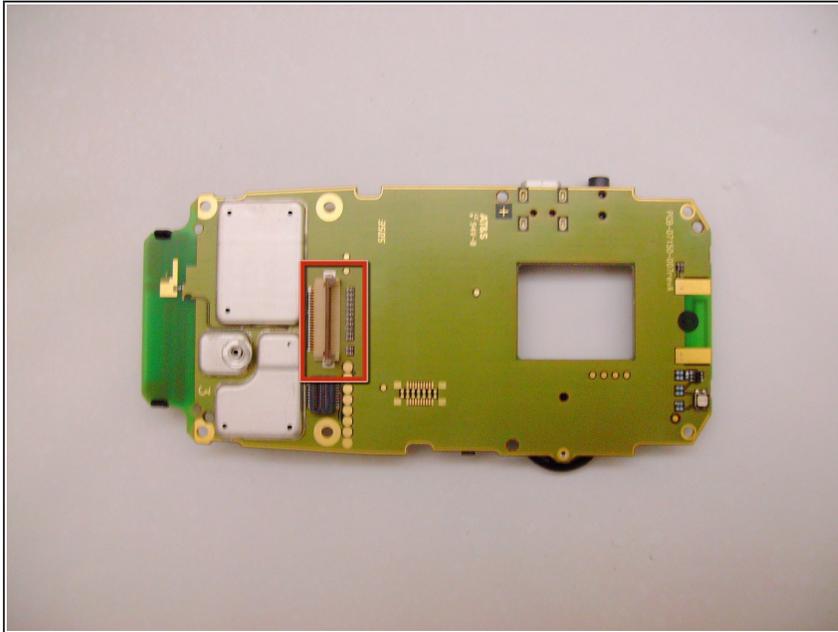
Step 13



- Flip the logic board over to the other side.
- Use a plastic opening tool unclip the top two clips shown in red, and then the bottom two clips. This releases the screen.
- Flip logic board over and remove screen.

⚠ Make sure to hold the screen, it could fall after being unclipped.

Step 14



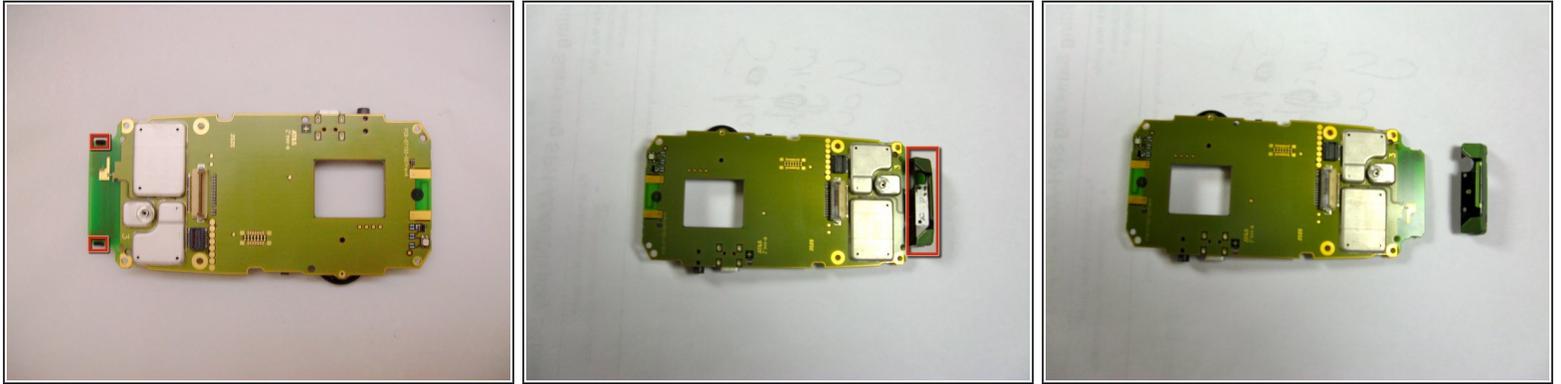
i NOTE: If you are not replacing the LCD screen, move on to the next step.

- After removing the original screen, keep the logic board facing you the way it was.
- Take the new screen and slip the flexible piece of connecting circuitry under the grey plastic flap that you pried up in step 10.

! **Handle the screen carefully as it is fragile.**

- Push it gently but firmly until it does not move any further to the left, then close the grey flap.
- After this, the screen can be pushed down and clicked back into place.
- To reassemble the phone, reverse instructions.

Step 15 — Full Disassembly



- Use a spudger or your fingernails to push outwards against one of the black clips. The plastic end cap should fall easily away.

Step 16



- Here are all the parts of your BlackBerry 7105t, fully disassembled.

Step 17



- Here are all the pieces, flipped over.

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