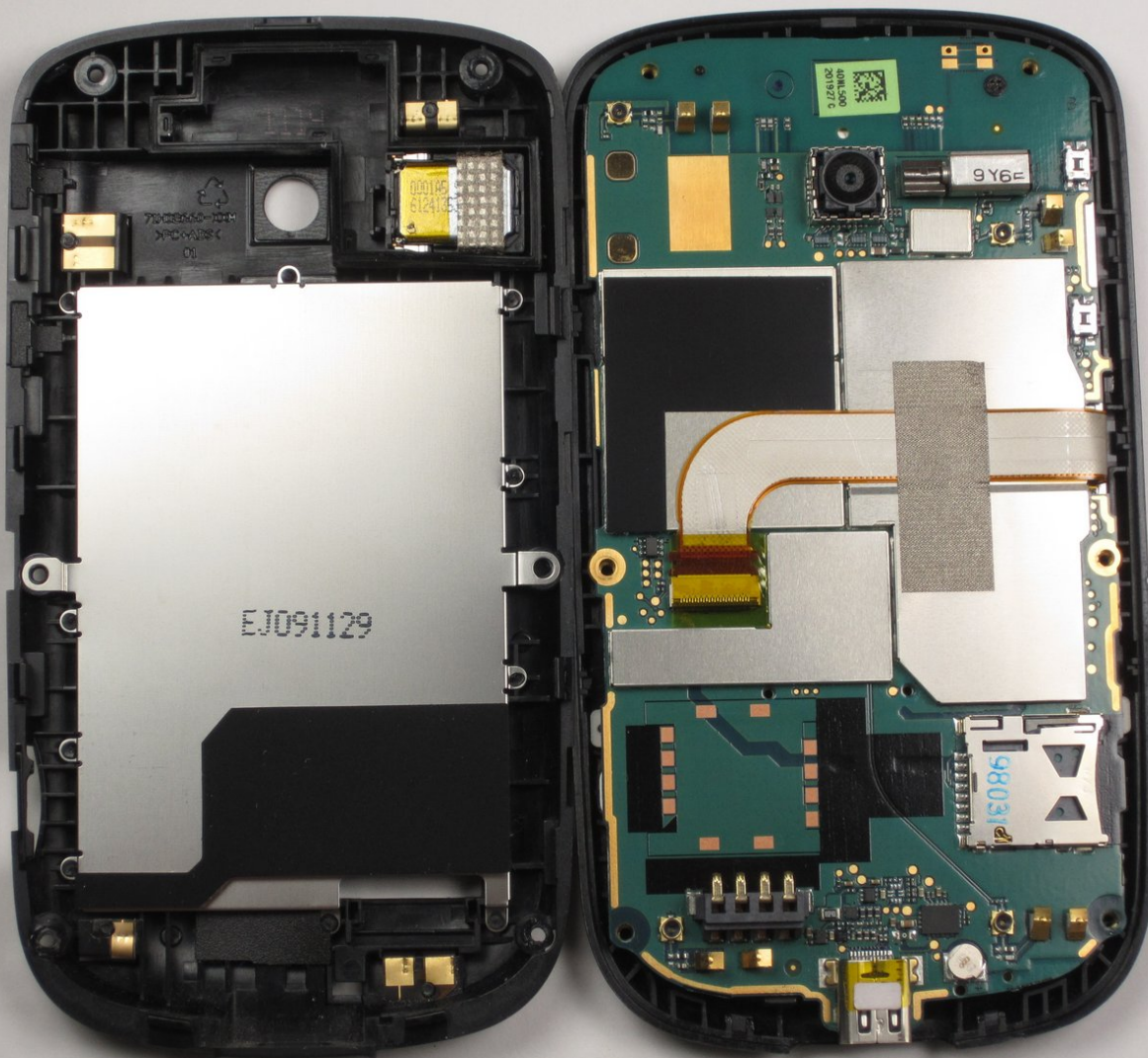




HTC SMT 6175 Motherboard Replacement

Removing the phones motherboard.

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INTRODUCTION

By taking off the cover, and unscrewing the back of the phone we will reach the motherboard to replace.

The motherboard controls the software of the phone and is an essential piece to any logic process.



TOOLS:

- [64 Bit Driver Kit](#) (1)
 - [Spudger](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Back Case



- First, flip the phone over so that the back is facing you.

Step 2



- Next, using both thumbs, carefully push the back side of the phone's exterior up, removing it from the main section of the phone.
- Set this piece aside until you need to reassemble the phone.

Step 3 — Battery



- Insert thumb and pointer finger into the notch above the battery. Pull the battery away from the rest of the phone and set it aside.

Step 4 — Interior Back Case



- To remove the back casing inside the phone, use a small, pentagonal screwdriver to unscrew the 6 screws that can be found around the edges.

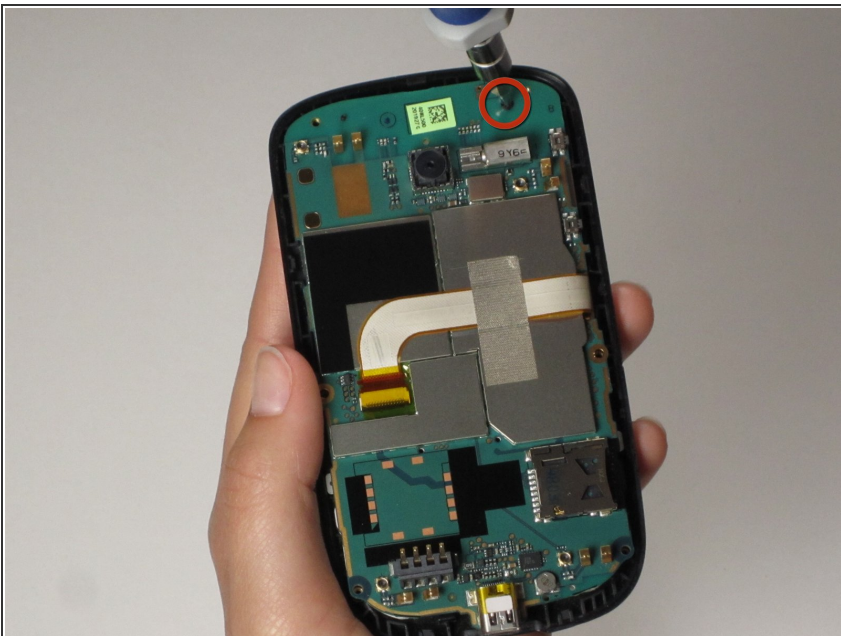
Step 5



- Carefully pull off the black casing.

 **Warning:** This can be difficult. Just start pulling the back out from the front shell and, as it starts to lift up, continue moving around the phone until the whole back becomes free.

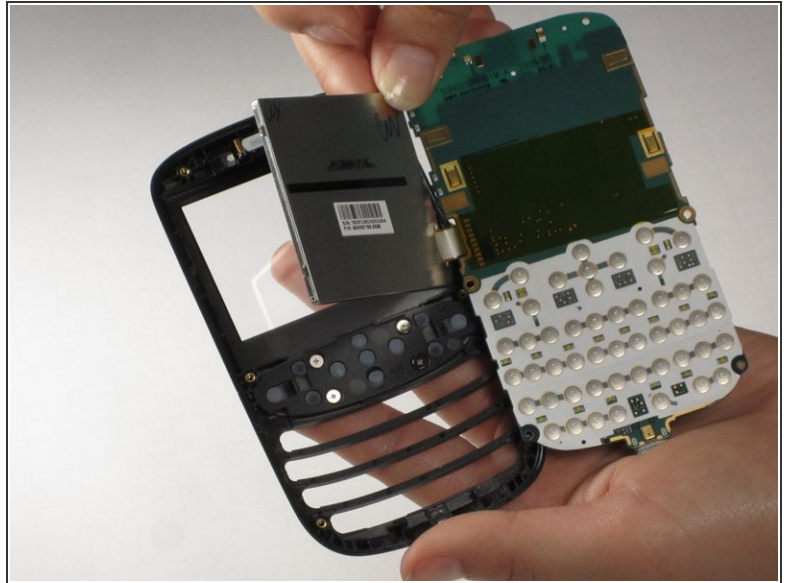
Step 6 — Taking out the Motherboard



- Next, unscrew the top screw using a small, Philips screwdriver. You will now be able to pull the motherboard back.

 **Warning:** BE CAREFUL. The LCD screen is still attached to the front side of the motherboard by a flexible ribbon cable and to the front case by an adhesive.

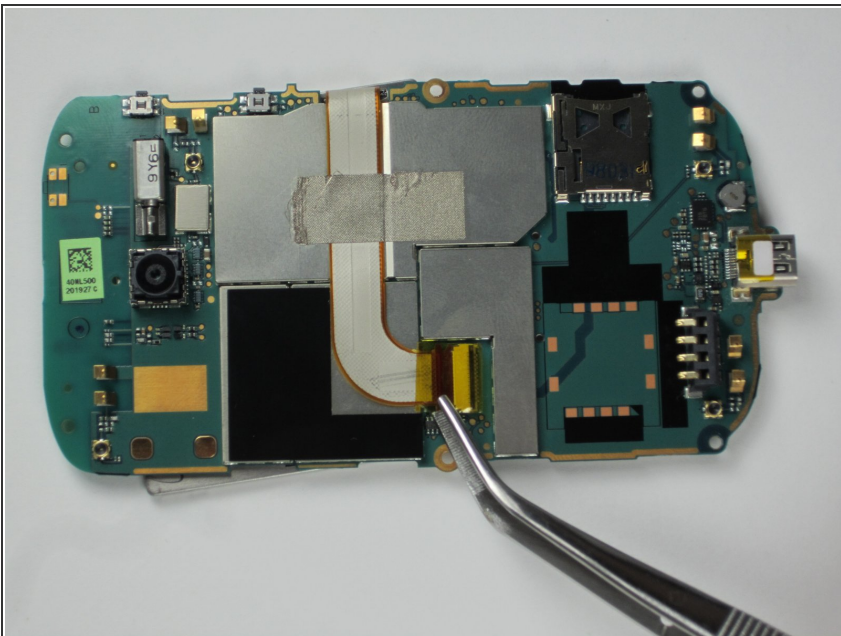
Step 7 — Taking out the Display Screen



- Using a spudger, remove the display screen from its cell within the front case. Insert the spudger next to the LCD on the opposite side of where the motherboard is attached.

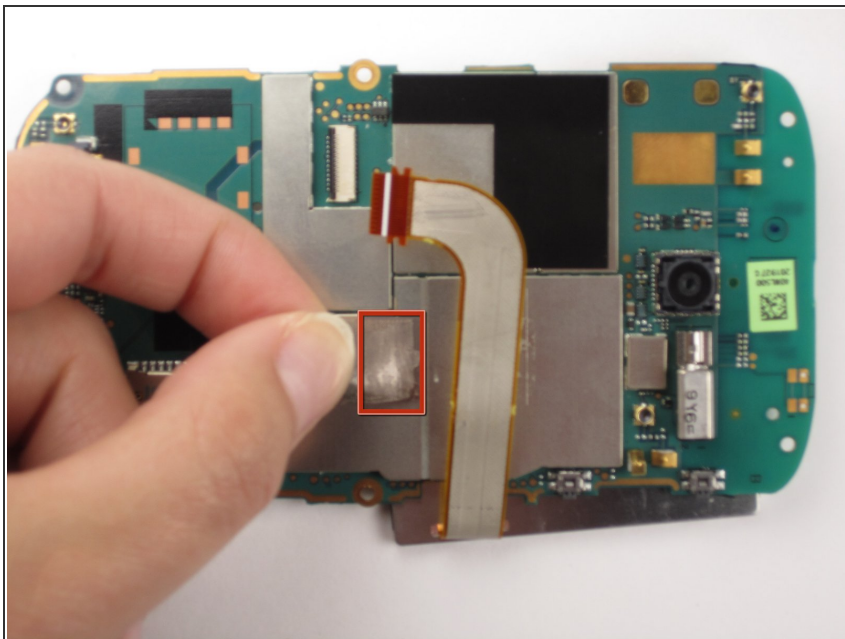
 **CAUTION:** The LCD is attached with a sticky adhesive so it might be difficult to get off.

Step 8



- Place the motherboard down on top of LCD. Using tweezers, remove the yellow piece of tape covering the end of the flat ribbon cable.

Step 9



- Peel off the silver tape covering the flat ribbon cable. The motherboard is now free from the rest of the phone.
- ⓘ The sticky gray tape might have to be ripped in order to be removed because of its extreme stickiness.

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