



# HTC Evo 4G Front Panel Replacement

Remove the glass front panel to access your...

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# INTRODUCTION

Remove the glass front panel to access your Evo's internals.

## TOOLS:

Heat Gun (1)  
Phillips #00 Screwdriver (1)  
iFixit Opening Tool (1)  
Spudger (1)  
T5 Torx Screwdriver (1)  
Tweezers (1)

## PARTS:

HTC Evo 4G (Sprint) Front Panel (1)

## Step 1 — Rear Panel



- Gently insert an iPod opening tool between the rear panel and the inner rear frame near the headphone jack.
- Use your iPod opening tool to pry up the rear case around the perimeter of the Evo.

## Step 2



- Lift the rear panel off of the inner rear frame.

## Step 3 — Battery



- Using the tip of your finger, lift the battery from the end closest to the camera.
- Remove the battery from the rear inner frame.

## Step 4 — MicroSD card



- Use the flat end of a spudger to pry up the red MicroSD retainer attached to the inner frame.

⚠ The retainer will move about 1 mm and stop. Do not attempt to completely remove the MicroSD card retainer.

## Step 5



- Use a pair of [tweezers](#) to carefully pull the MicroSD card out of its slot in the inner rear frame.

## Step 6 — Rear Inner Frame



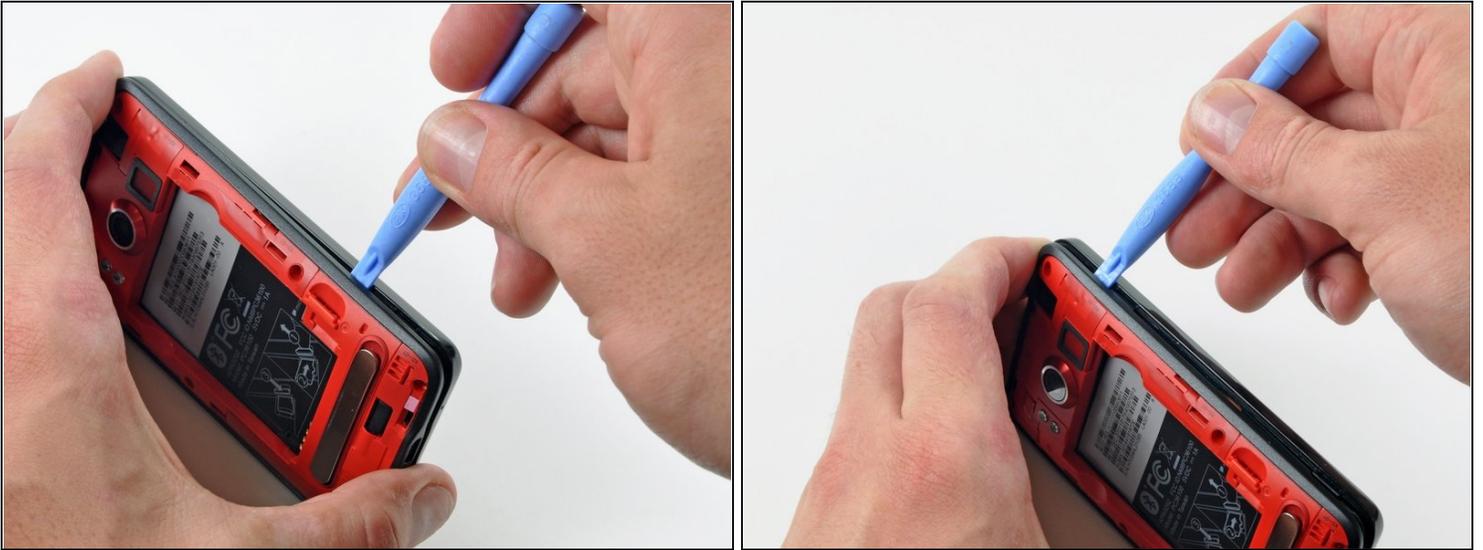
- Remove six T5 Torx screws securing the rear inner frame to the inner case.

## Step 7



- Gently insert an iPod opening tool between the rear inner frame and its plastic surround near the Micro HDMI port.
- Carefully pry the top edge of the rear inner frame away from the front surround of the Evo.

## Step 8



- Insert the iPod opening tool between the rear inner frame and its plastic surround and pry up at several points along the left edge of the Evo.

## Step 9



- Continue the prying procedure, now focusing on detaching the plastic surround from the bottom of the Evo.
- Pry up the rear inner frame along the right edge using the method described in previous steps.
- Eventually work around the entire perimeter of the rear inner frame until it is lifted slightly from the inner case.

## Step 10



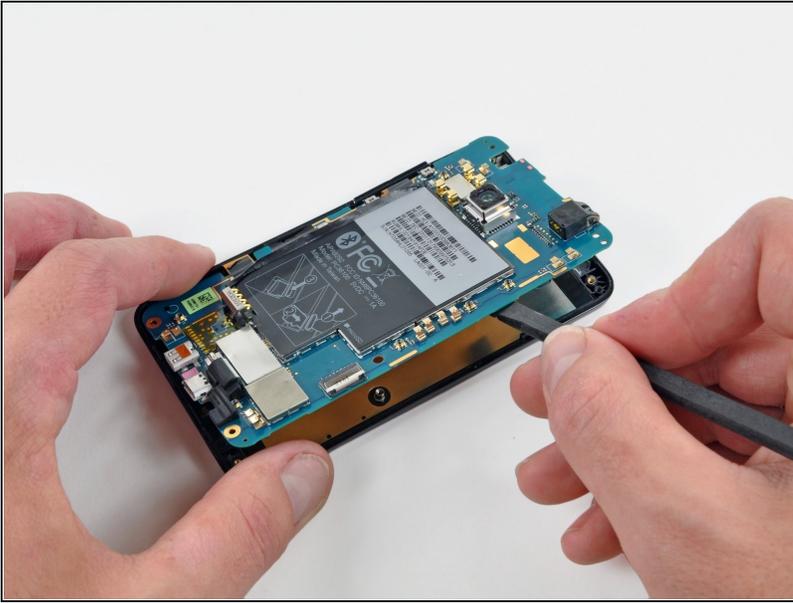
- Remove the rear inner frame from the rest of the Evo.

## Step 11 — Motherboard



- Remove the single Phillips screw securing the motherboard to the inner case near the headphone jack.

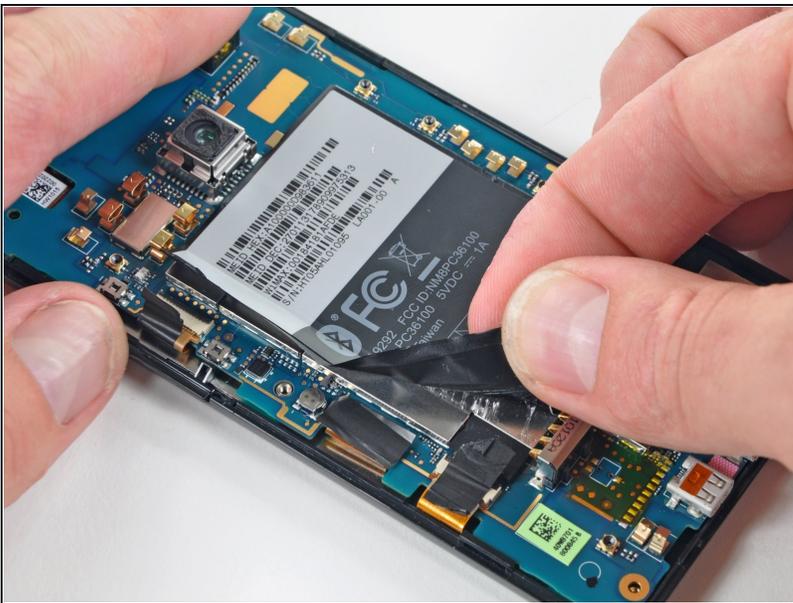
## Step 12



- Use the flat end of a spudger to pry the motherboard off the posts securing it to the metal display tray.

⚠ Do not try to completely remove the motherboard just yet. It is still attached by three ribbon cables.

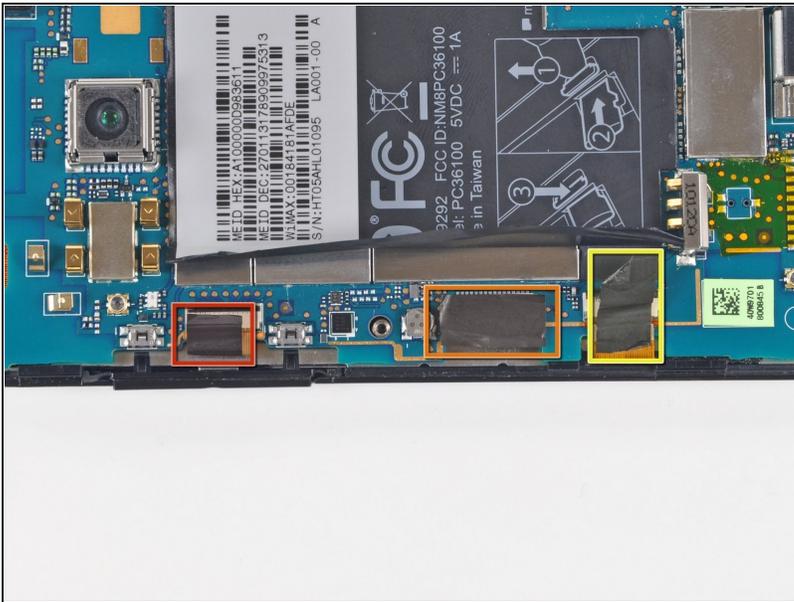
## Step 13



- Carefully peel the device information sticker off the left edge of the motherboard and EMI shield to reveal three connectors covered with tape.

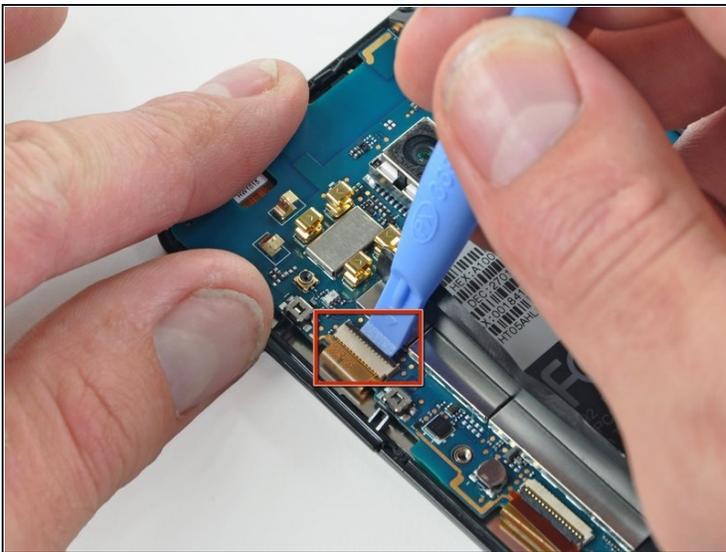
ⓘ It is not necessary to peel the entire device information sticker off the EMI shield.

## Step 14



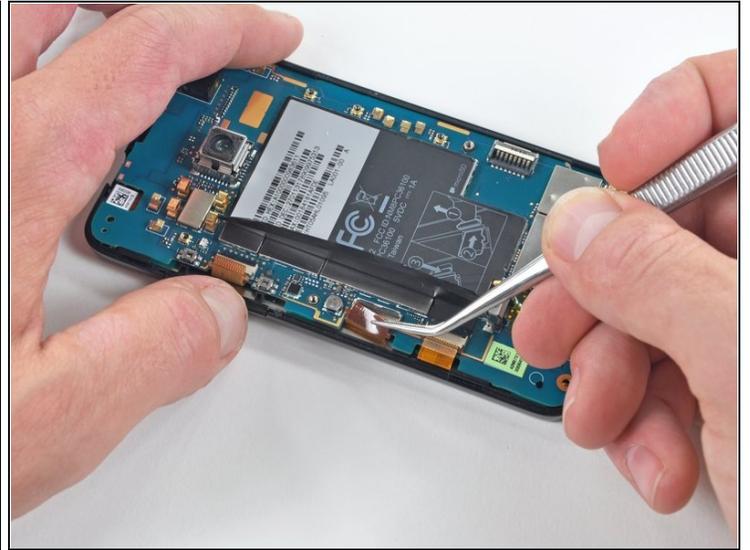
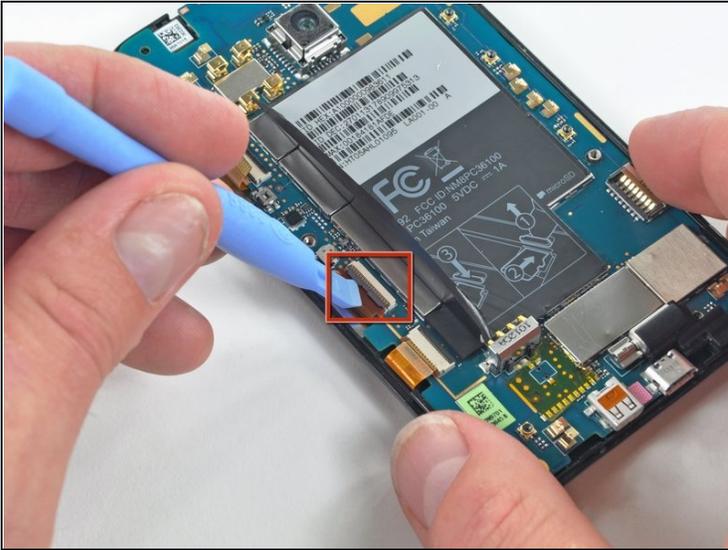
- ① Fold the device information sticker up against the top of the motherboard to keep it out of the way while you work.
- Remove the pieces of tape covering the following ribbon cables:
  - Front-facing camera
  - Front panel ribbon cable
  - Display ribbon cable

## Step 15



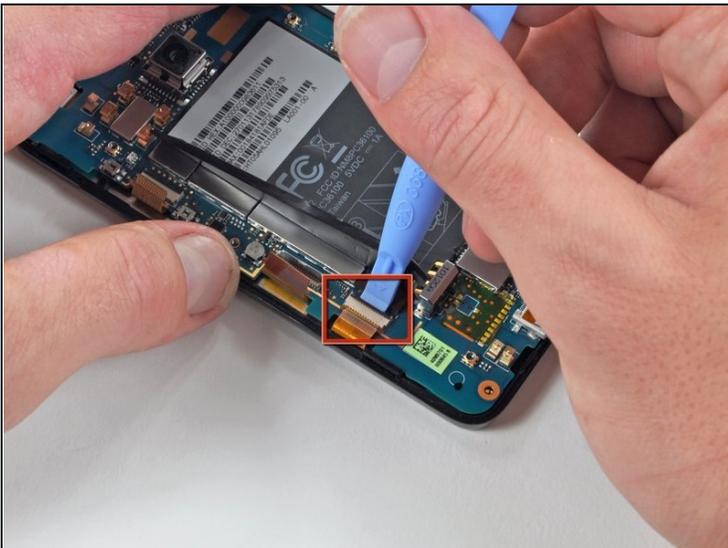
- Using the tip of an iPod opening tool, flip up the front-facing camera ribbon cable retaining flap.
- Be very careful and gentle with these flaps. They are very easy to break or dislodge and equally difficult to reinstall.
- Use a pair of [tweezers](#) to pull the front-facing camera ribbon cable straight out of its socket.

## Step 16



- Using the tip of an iPod opening tool, flip up the front panel ribbon cable retaining flap.
- Use a pair of tweezers to pull the front panel ribbon cable straight out of its socket.

## Step 17



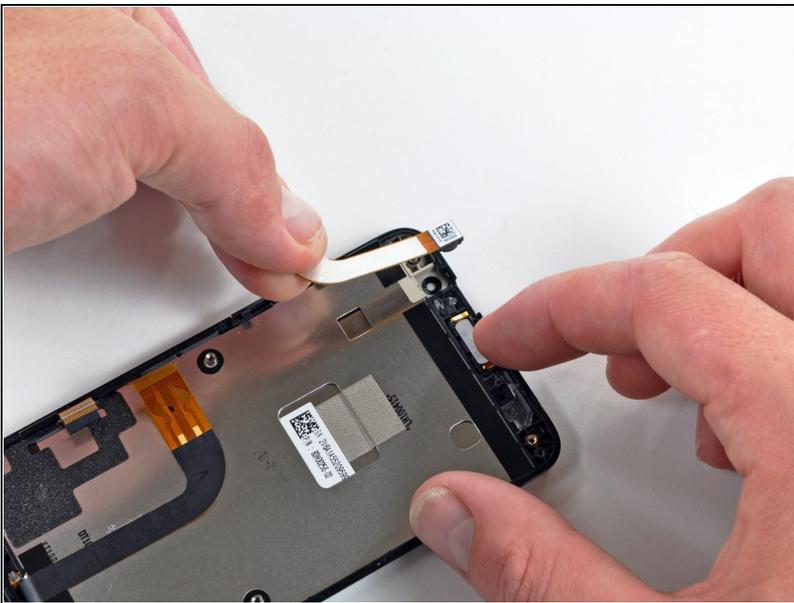
- Using the tip of an iPod opening tool, flip up the display ribbon cable retaining flap.
- Grasp the display ribbon cable with a pair of tweezers and pull it straight out of its socket.

## Step 18



- Carefully lift the motherboard out of the inner case, minding any cables that may get caught.
- ⓘ Be mindful of the top power button and side rocker switch, which may fall out of the front case when the board is removed.

## Step 19 — Front Facing Camera



- Gently lift the front-facing camera out of its recess in the inner case and remove it from the Evo.

## Step 20 — Front Panel



- ① In the following steps, you will use a heat gun to soften the adhesive securing the outer black border around the underside of the front glass panel to the inner case.
- With the heat gun set to low, start by heating the outer black border near the upper left corner of the glass panel.
- Try not to excessively heat the outer plastic edge of the Evo.
- ① Due to the heat applied, it is normal for a layer of condensation to develop on the inside of the glass panel and/or the outside of the LCD. It can be removed with glass cleaner once the glass is separated from the display.

## Step 21



- Gently insert an iPod opening tool between the glass front panel and its plastic surround near the upper top left corner of the Evo.
- Carefully pry up the glass, being careful not to bend it excessively.
- ☑ The key is to work slowly and gently to avoid breaking internal components.

## Step 22



- Use a heat gun to soften the adhesive along the left side of the front glass panel.

## Step 23



- Insert the iPod opening tool between the front panel and its plastic surround and pry up at several points along the left edge of the Evo.

## Step 24



- Continue the heating and prying procedure, now focusing on detaching the bottom of the front panel from the plastic surround.
- Pry along the bottom edge of the Evo to further separate the front panel from the rest of the device.

## Step 25



- Use a heat gun to soften the adhesive along the right side of the front glass panel.

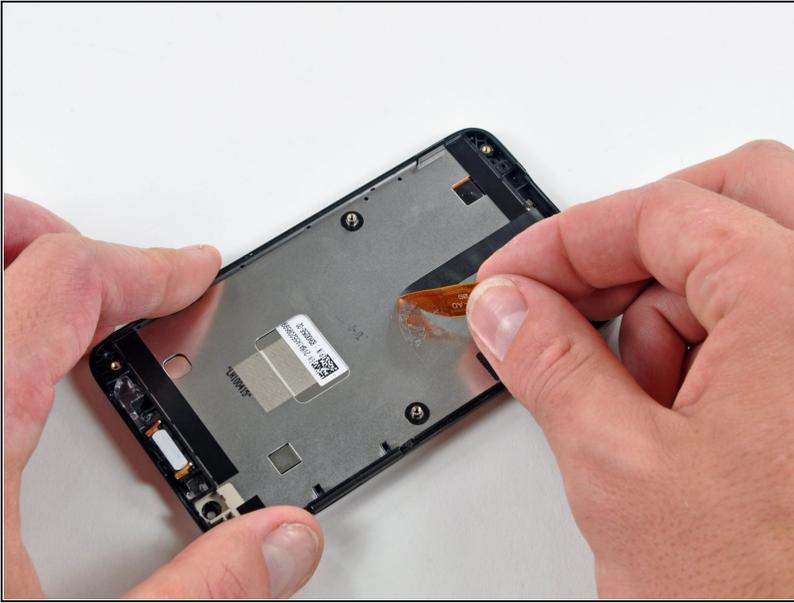
## Step 26



- Pry up the front panel along the right edge using the method described in previous steps.
- Eventually work around the entire perimeter of the front panel until it is lifted slightly from the inner case.

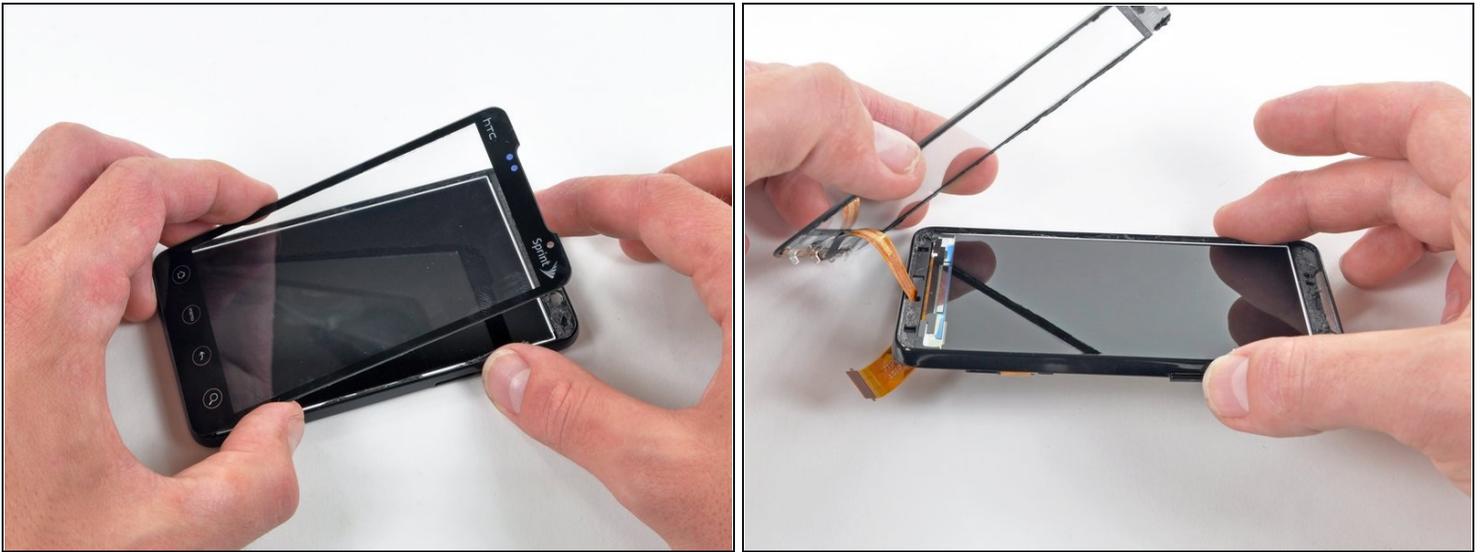
**⚠ Don't try to completely remove the front panel just yet. Its ribbon cable is still attached to the inner case.**

## Step 27



- Peel the front panel ribbon cable off the adhesive securing it to the metal underside of the inner case.

## Step 28



- Lift the front panel out of the inner case, minding the cable still routed through the bottom of the Evo.
- Carefully de-route the front panel ribbon cable through the slot in the inner case.
- Remove the front panel.
- Notice the four (4) clear plastic hooks that are adhered behind the menu buttons. Look closely. Each one is shaped differently and in a particular orientation.
- If the replacement front panel does not have these installed already, carefully remove and transfer them from the old panel to the replacement.

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