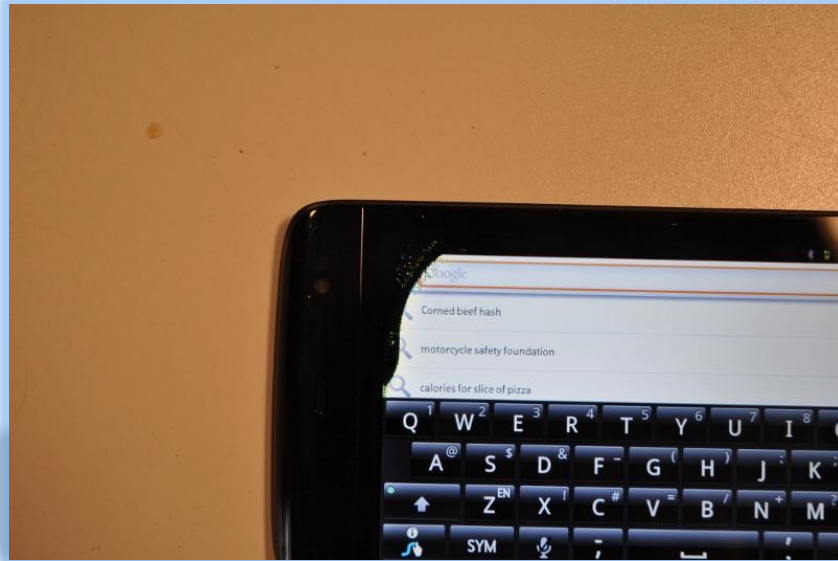


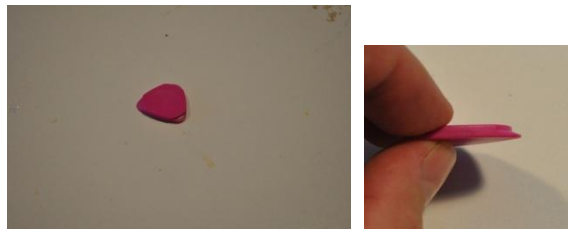
Dell Streak LCD Replacement

OK, So I have messed up the screen on my Streak yet again. I am going to try and show you how to take it apart and what to watch out for when you do.



OK now that you see what is going on with the screen, lets look at how you can take the phone apart.

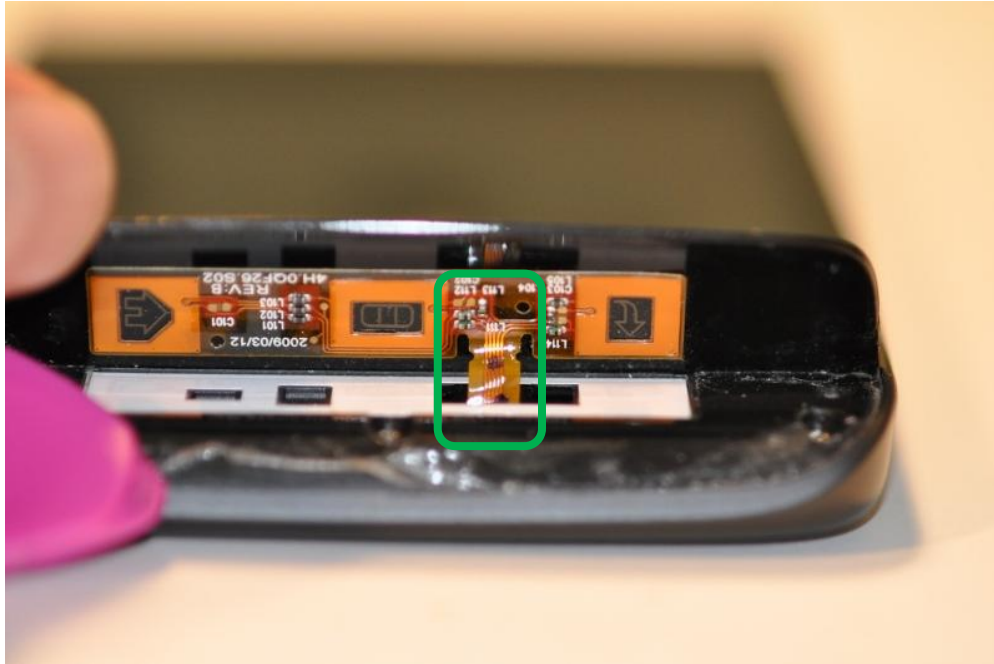
You will need two tools to disassemble the Dell Streak, a T5 driver a pry tool. You can purchase them at a phone repair shop as I did or if you order you LCD from some folks they include the tools.



Next you will need the new LCD with the Gorilla Glass.



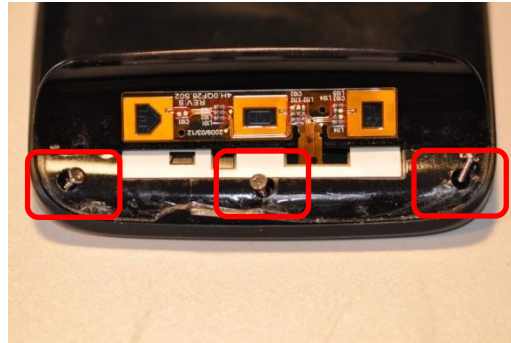
First thing that I do is pry up the plastic ends. The first photo you see below is with the end that has the keys on it, you can see them in the photo. Also you can see a ribbon cable, in the green box, that goes from the keys to the motherboard. This ribbon is the one that many folks have messed up when removing this side. **You need to pay attention when prying this side panel off the Dell Streak.** Only pry from the edge of the Streak, do not pry from the side with the LCD and when you have it lifted up, do not pull it, you will rip the ribbon.



As for the other side, where the FFC and sound for the phone calls come from you can pry all you want, there is nothing holding it together.



No, you can get to the screws that hold the shell of the Streak together. There are five screws, three on the side with the Menu, Home and Back keys. You will find two on the other end of the phone.



Ok, you are almost ready to take the two halves of the shell apart. At this time, if you have not done so, you should make sure that you have removed the battery cover, battery, your memory card from the phone, you will need your memory shortly to put this thing back together), and SIM card.

NOTE: Have a look at the layout of the keys for volume, camera and power, they need to go back in the same way or things probably will not work correctly. Take a photo, look at my photo, create a drawing, do what it takes.

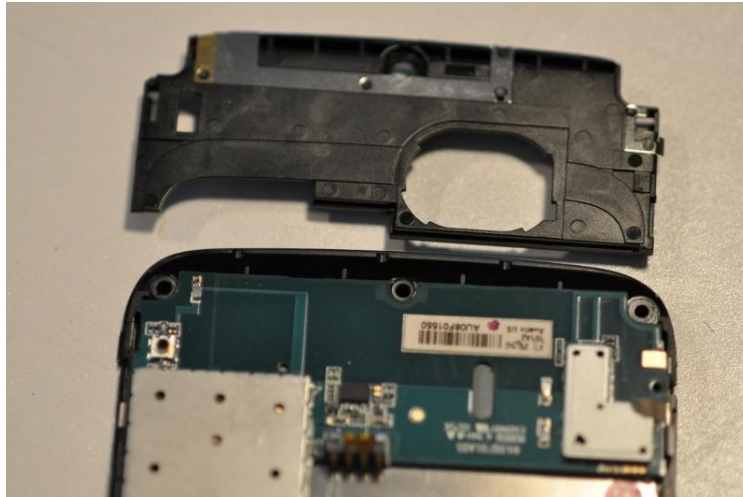
I believe these images are looking down at the phone with the glass facing towards you.



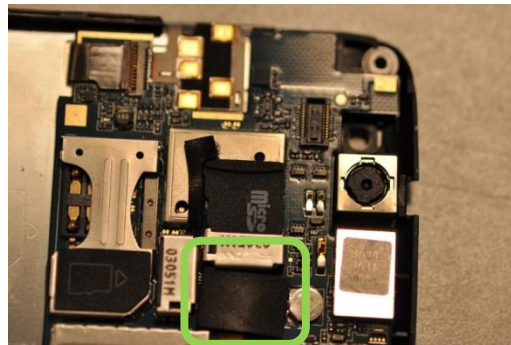
Since this was my second time taking the phone apart to replace the screen, I was able to pry the back away easily and I held the phone so that the above keys were upside down and they did not fall out on me.

When you are prying the two halves apart, use the tool and work around the glass, do not use a screwdriver or other hard object as you will mark the casing.

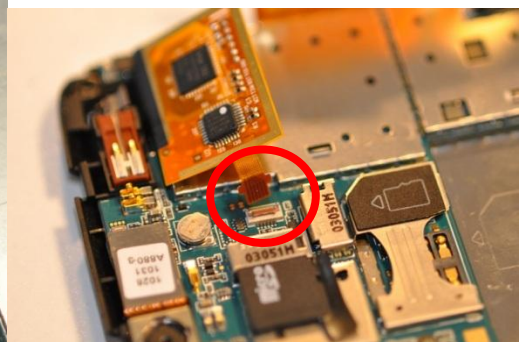
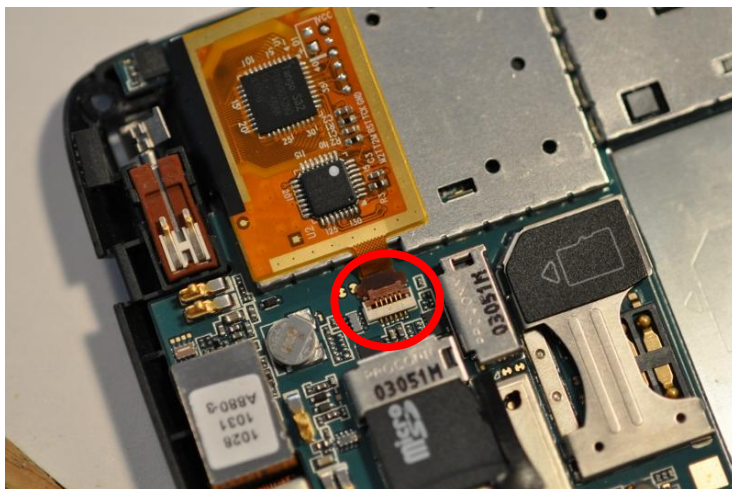
Once you have the phone apart, you will want to remove this plastic cover from over the motherboard.



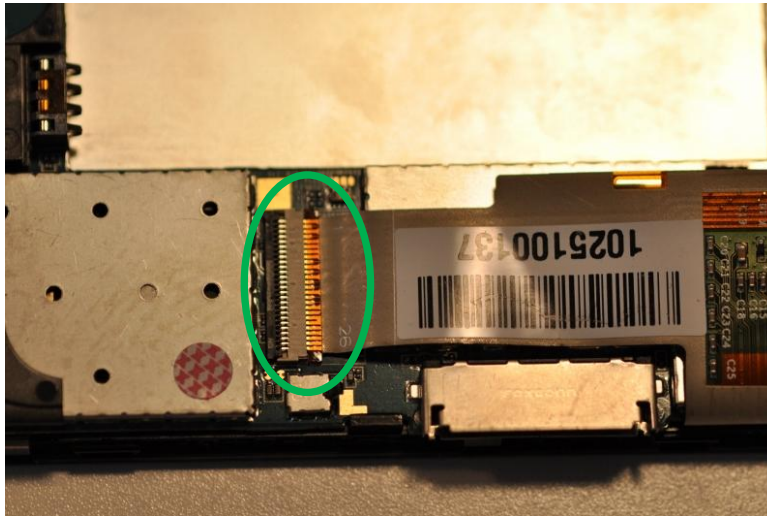
You can now focus on the other ribbon cables that need to be disconnected. I think there are four (4). The first one is below the foam in this first photo, so, take your time and remove the foam.



Once the foam is removed you can get to the ribbon connector. Notice the connector is brown and tan, the brown part can flip up, and when done, the ribbon can be pulled. I think this is the digitizer from the LCD.

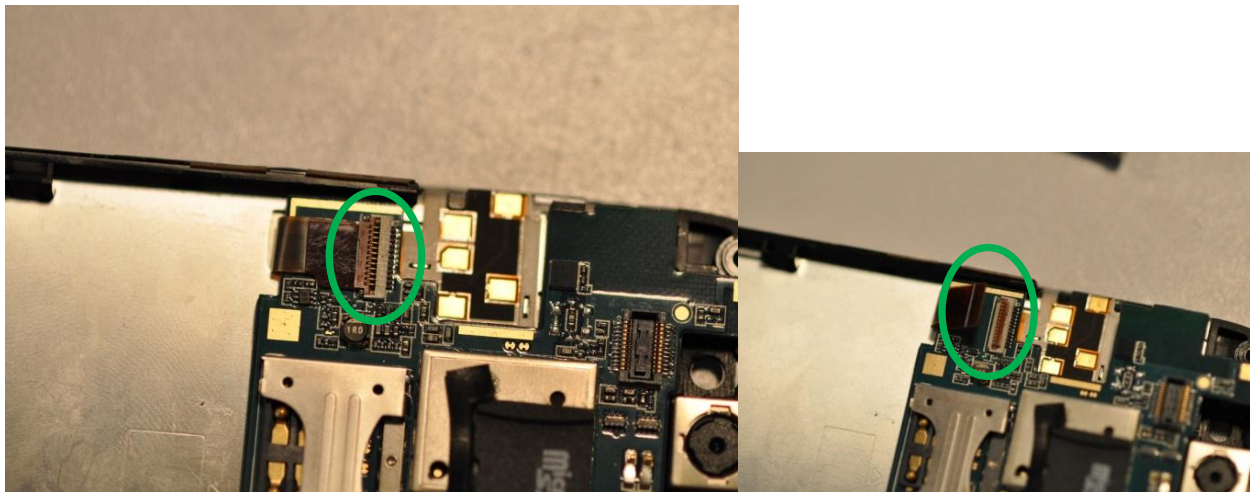


Second ribbon we will disconnect is from the LCD to the motherboard. This ribbon is not held in with the brown clip as above. Take your time and work it out of the connector, only pressure is holding it. It is fun to put back in too. ☺

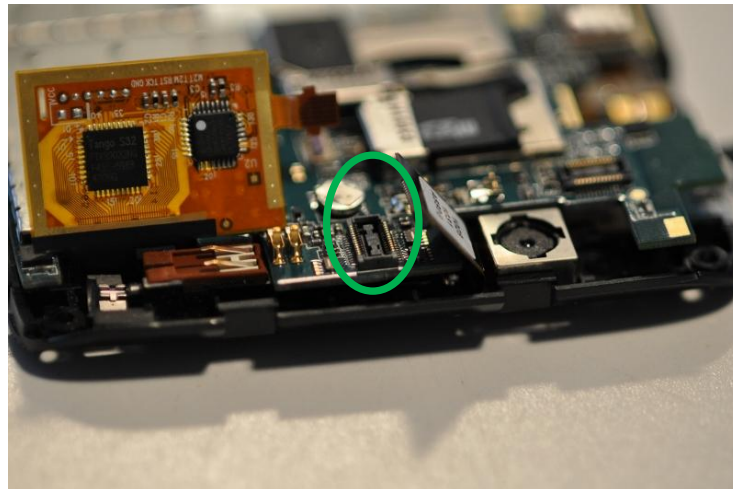
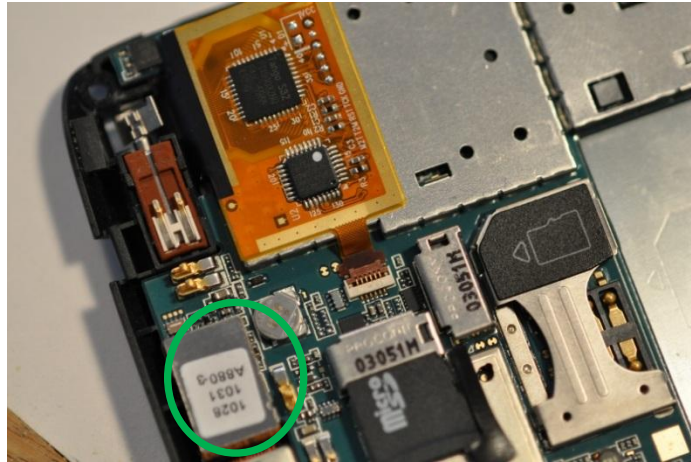


That is two ribbons, two more to go.

Honestly, I do not remember what this ribbon it for, but it needs to be disconnected. Again, we have a brown part and a tan part, gently lift the brown part and disconnect the ribbon. (jack for sound)



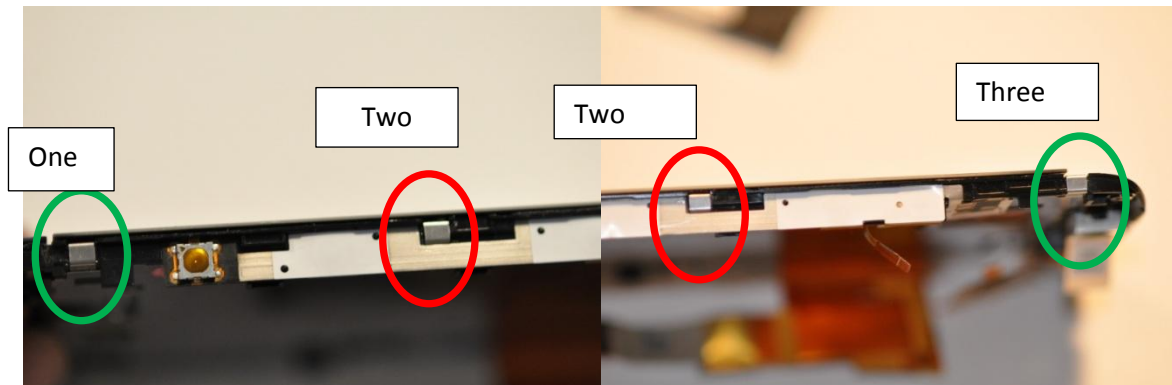
The fourth and last ribbon is not really a ribbon, but some kind of pressure connection. You just need to lift this up and it will separate. To put it back you just line it up and push it down with a little pressure.



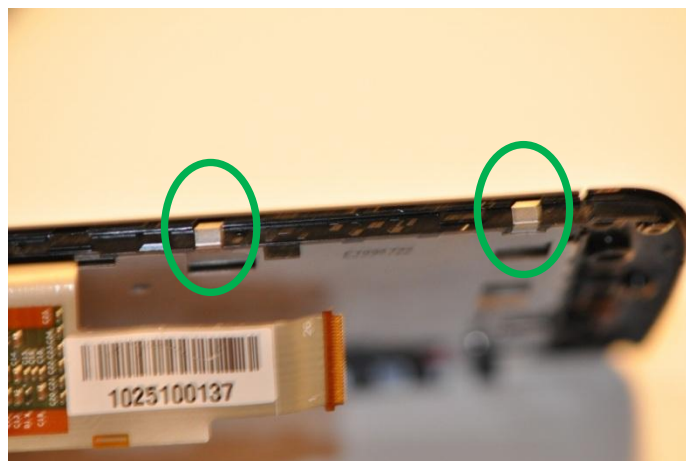
Now for the part that you may not like so much, you need to pull the motherboard off. There are three prongs holding the motherboard, you are removing the motherboard from the grip of these three prongs. Go easy when it comes loose and set it to the side.

Now we focus on the LCD screen and the Gorilla glass. The most fun part and the most difficult part to remove. From the photos below you will see that there are five (5) clips, you need to remove them. At this point, I use a jeweler's screw driver to pry them off. Notice also, that they have one long edge. When I put them back in I put the long edge in to the LCD. Two of the clips are on one side and three clips on the other side.

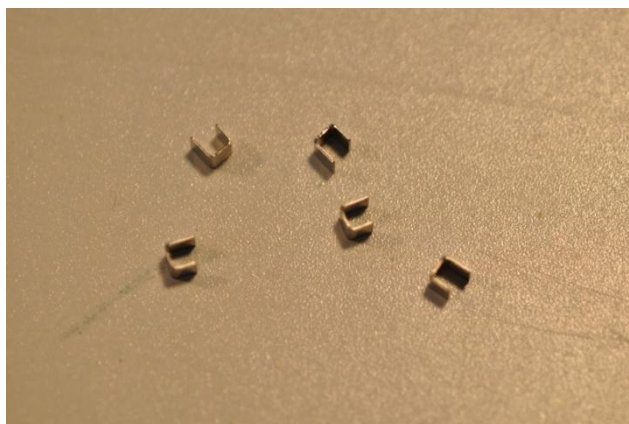
Below shows the one side with three clips, I had to take two photos, so the center clips is shown twice, it is highlighted in red, the outer two are in green. This would be where the buttons are on the phone.



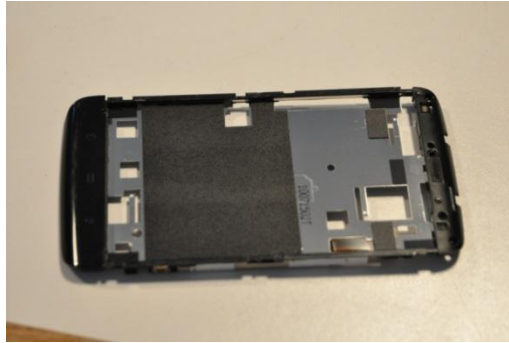
The other side of the phone has only two clips.



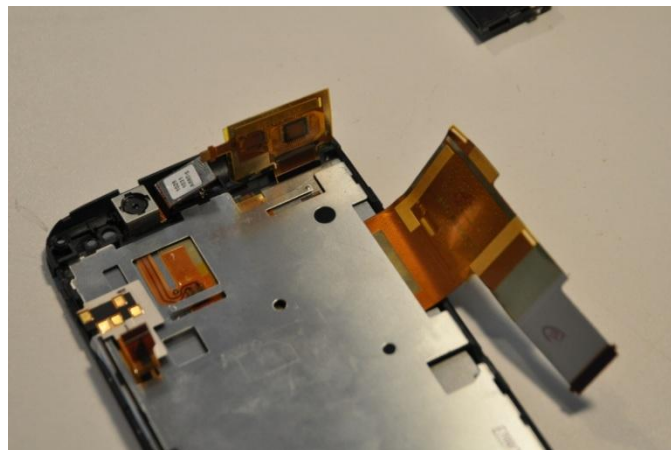
Here is what the clips look like.



Now that the clips are off, the only thing holding the LCD in the plastic frame is glue. I have no instructions for you at this point, you just need to pry and pull around the edges of the glass. You may end up separating the Gorilla glass from the LCD, do not worry about it. Keep on pulling and the LCD will come out. The photo below shows what you have when the LCD is removed. Notice the metal frame is not part of the LCD. Also, notice that this entire time, the HOME, BACK and MENU buttons are still connected to the frame.



I did not take photos of the assembly, but here is what you should see when you put the LCD back in, at the least what the ribbons will look like.



While I was taking my phone apart, a small clear plastic piece appeared out of nowhere. Since I did not see this part the first time I did the replacement, I did not know what the heck it was for and where it

came from. As I put the phone back together I figured it out. In the below photo is it highlighted. It is clear and I think it is over the light sensor or the sensor for when your head it up against the phone.



Well, that is it. Good luck.

I want to thank the folks at HARRY TELECOM for having the parts for me. They got my first LCD overnighted for me and when I picked it up they were just as nice as could be. The second LCD I needed, they had in stock. I think they said they stock something like 50 of these LCDs and if needed, they will do the work for you. (<http://harrytelecom.blogspot.com>) And no, I am not affiliated with them in any way, just happy that a local shop could hook me up.