

Installation Guide for iPhone 3G or 3GS

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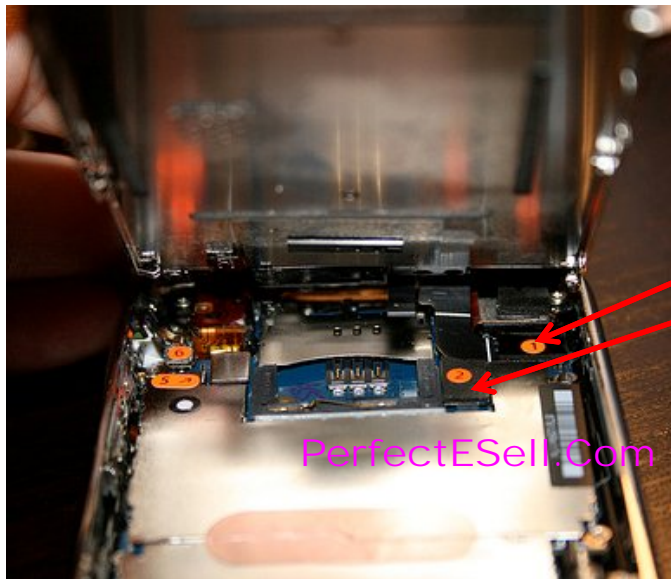
Screws to be removed

Power down the phone, remove the sim card. touch your hand with any metal object you can find around you, like a door knob or the metal part of your computer or cables to avoid damages due to Electro Static Discharged. use a Phillips size #00 or any small Phillips driver to remove the two screws on the sides of the charger dock.



To get the iPhone 3G or 3GS lifted, you will need a small suction Cup, the suction cup is the key, Be very gentle, and very careful. Adhere the suction cup on the screen, use a little of liquid to get The suction cup adhered better if need, once it is adhered to the Screen, slowly pull up the front screen panel. Be very careful, and Gentle.

NOTE : if your glass screen is too damaged or cracked, you can try to poke a paperclip through the screw less holes in a hooked motion to get the screen lift up. Be careful with small pieces of glass that can cut yourself.

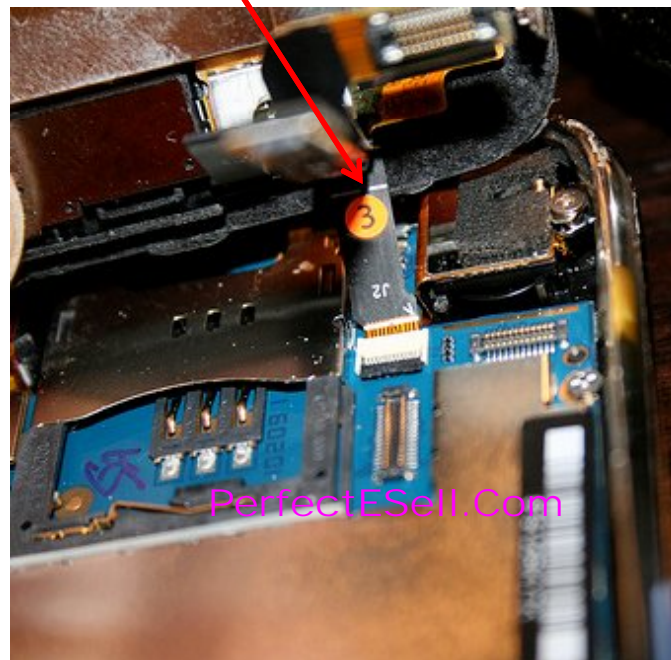
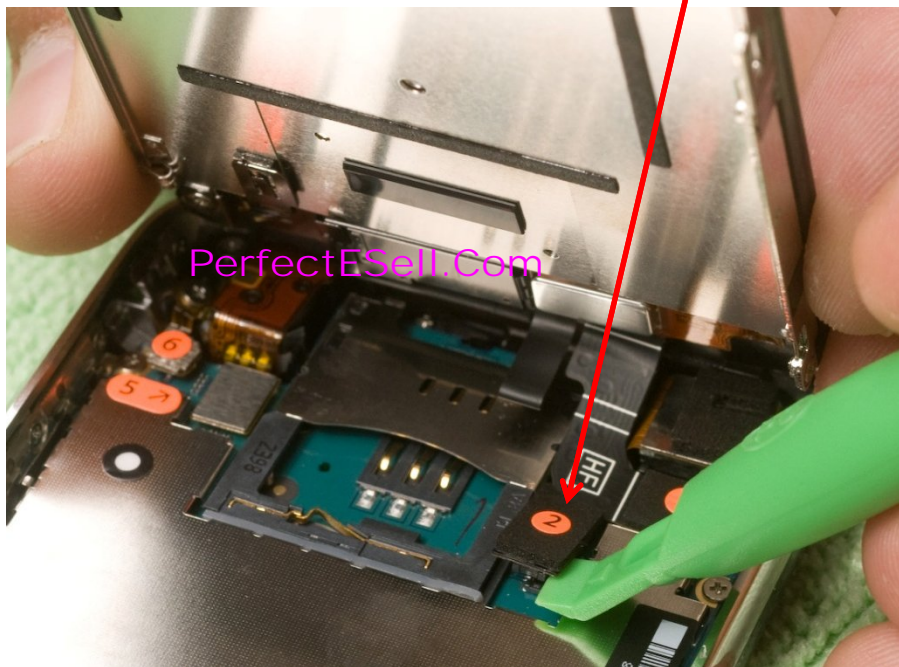


Once the front screen panel lifted up from the home button, the top panel being connected by 3 flex connectors label in circle orange shape on the right of the sim tray.

Connector label #1 : for the LCD display

Connector label #2 : for the glass + digitizer

Connector label #3 : for the ear speaker



Use the plastic pry tool to lift up the flex connector #2 first, then #1, then you will see connector #3 below the #1 and #2 , Be gentle and pull out flex cable #3 . NOTE : this is how you need to insert it back too, simply align the flex cable and push the flex in. If you use any tweeter to push this flex cable back in then be careful not to damage the flex, it can stay solid enough to just push it in, be patience.

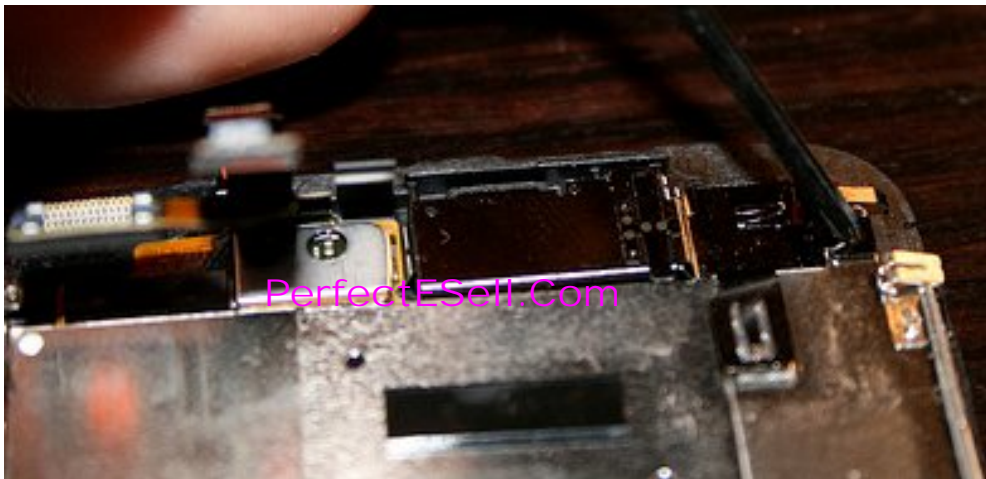


Now that the top front panel totally removed, you will need to remove the screws around the sides of the metal frame and one located toward the top right.

Remove any black tape at the sides of the frame to get to the screws.

The screws are all same size.

This metal frame with screws are holding the metal plate that containing the LCD display, and after removing the screws, you will be able to slide out the metal plate with the LCD display

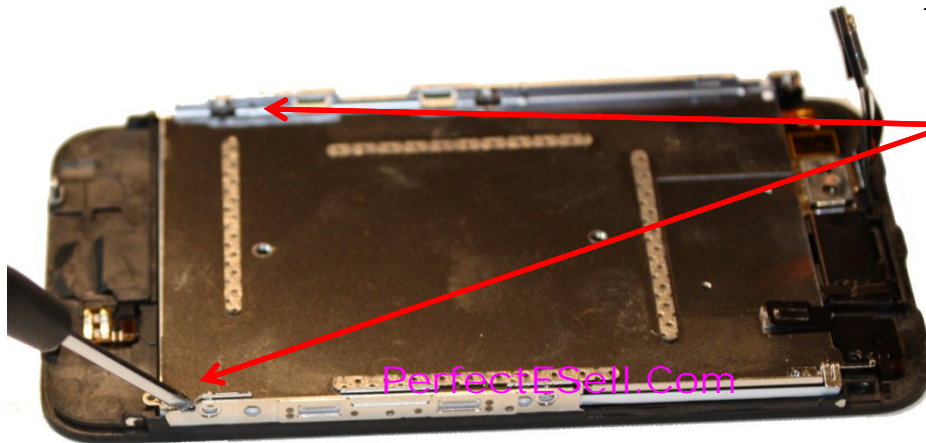




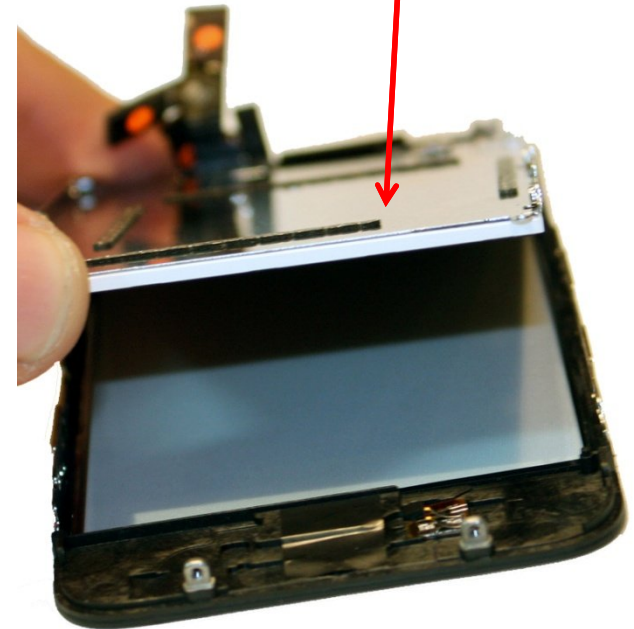
Steps to remove the LCD display with the metal plate / LCD assembly

Two ways to do this :

1) Pry from the bottom of the LCD, be really careful not to pry up too hard because you can easily DAMAGE / CRACK the LCD display, give it a little lift to see if the metal plate is loose enough to pull it out, sometimes, this piece can be stuck down that hard to pull up.



2) Use any flat head screw driver or a metal spudger and insert between the two metal rails along the edge of the display assembly, insert on both sides to get the display assembly loosen. Then pull up or slide down the LCD display with the metal plate / LCD assembly.



STOP HERE, if you only need to replace the LCD, once you removed the LCD assembly, apply a little heat by using a heat gun or a hair blow dryer, then you can remove the LCD away from the metal plate, the LCD is being glue down to the metal plate, once the LCD removed, put the new LCD on the metal plate and you are ready to insert it back.



In this picture shown the top glass + digitizer or touch screen function with flex connector and other pre-installed buttons and flex to the plastic black frame. And on the right is the LCD assembly.

Move forward to the glass + digitizer assembly to replace your broken glass. The top glass and the digitizer are being glued at top and bottom of the glass so use a heat gun or a hair blow dryer to apply a little heat at these two area, BECAREFUL, DO NOT apply too much heat that could melt the button or flex cables beneath, apply just enough so you can remove the glass or clean out the broken glasses.

Once the glass is removed away from the black plastic frame, clean Out any left adhesives or broken small glasses on the frame, make Sure all buttons and flex cables still in good conditions not damage.



Locations or corners to apply heat to.



When reattaching the plastic frame to the glass, make sure the #2 cable Connector is routed as shown in the picture on the left here.

Then reattaching the LCD assembly and plug the connectors back.

NOTE : please use this guide as a reference of how to perform the replacement, this guide is not a guarantee working procedures, do it at your own risk, please make sure you understand your phone Void Warranty before open up your phone. Use a professional service or an expert recommended.