

## For iPod Touch 1<sup>st</sup> or 2<sup>nd</sup> or 3<sup>rd</sup> Screen Installation Guide

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PLEASE NOTE : below guide is NOT a guaranteed working procedure for everyone, please use it as a reference of how to perform the replacement works. Please search online for more guides if need and always use an expert or a professional repair service is recommended. Our company will not be responsible for damages due to improper installations. Before doing it yourself, please make sure you have the required tool and make sure you understand guide step by step, DO NOT use force to push / pull / pry on any part that may result in damaging it or other parts. Please also understand that by opening up your device then warranty can be voided.

Before begin, please make sure the ipod touch version you have first, if it is the 1<sup>st</sup> or 2<sup>nd</sup> or 3<sup>rd</sup> generation, you can do a google search for ipod touch identify or please visit this link : <http://support.apple.com/kb/HT1353>.  
If you have the ipod touch 8gb 3G does not mean you have the 3<sup>rd</sup> generation, 8gb is ipod touch 2<sup>nd</sup> generation.

iPod touch (2nd generation) is model A1288 and has 4 text lines below the capacity at the back (8gb, 16gb or 32gb).  
iPod touch (3rd generation) is model A1318 and has 2 text lines below the capacity at the back ( 32gb or 64gb ).

Please also note that our parts either the glass+digitizer or the chassis frame does not include the home button nor the circuitry underneath the home button, you will have to transfer these parts from the old frame to the new frame. The home / menu function circuitry is being taped on the metal holder on the frame so you can remove the tapes and transfer the circuitry over or you can de-solder the plastic to transfer the hole metal holder with the circuitry on it to the new frame.

Top area where glass is glued



The top touch screen glass is basically glued at the top and bottom on a plastic chassis frame, the only way to remove the top glass is using a flat head tool and pry it out, but before prying it out, you can try to use a heat gun or a hair dryer to blow the hot air at the top and bottom of the screen to soften the glue then you can pry out the screen easier to avoid using strong forces that can result in damaging other parts.

When prying it out, you will probably also damage the plastic chassis frame which available in our store if you need a new one. You can try to avoid damaging the chassis frame by starting prying in between the glass and the plastic rubber gasket line around the glass. You should start prying out from the bottom right then go around to top then the other side, at any given point, if the glue is still too tough to pry, DO NOT use force, but try to find ways to soften the glue or open up the glass a little bit then use a flat blade going inside cutting the glues off.



A closer look when prying the top glass touch screen starting from bottom right, you can see how the glass and the thing rubber gasket and that is also part of the plastic chassis frame that hold the top glass and also the top home button and the home flex cable.



Once you able to pry up the whole top glass you either with or without the plastic chassis frame, you will see the LCD display screen and on the top area is where the flex cable connector for the glass touch screen / digitizer. Unplug it and then you can remove the top glass completely off.

Stop here if you are just replacing the glass touch screen and you can use your old plastic chassis frame with the top home button and flex cable assembly still on the plastic frame. Because all you have to do now is clean up the LCD display screen and plug the new glass touch screen / digitizer and test it before closing the whole top front. It is important to test first. Install any adhesives on the chassis frame or on the glass now if need.



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This is the whole top panel with the glass touch screen / digitizer and the plastic chassis frame and at the bottom you can see the home button / flex cable mechanism assembly. If you damaged the old plastic frame, you need to transfer this whole metal holder with the home flex cable assembly to the new screen, this metal holder is being hold back by the plastic melt so you can try to break the top of those plastic holder and remove the metal holder and put the metal holder to the new chassis frame. Or you can just remove the home flex cable only by removing the adhesive tapes that holding it on the metal holder.

Metal holder for home flex cable mechanism



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Helpful hint : when plugging in the new glass touch screen digitizer, it is much easier if you have the glass to rest on the side as picture shown. So one hand you are holding the part resting on the side, the other hand you can work on plugging in the flex connector because it can be tricky to plug in the connector successful. BE CAREFUL not to pull / push the flex cable that you will tear it.

Flex connector for the glass touch screen / digitizer.

Again, PLUG TEST BEFORE closing the whole top front panel because if you closed then the digitizer do not work then you will have to pry out again and may lose another chassis frame.

If you also need to replace the LCD display then you will need to lift up the LCD from the bottom, the LCD is sit on a metal back plate, this metal back pate are screwed to the device housing frame, so once you lift up the LCD then you can see where the screws are to remove the screws. Do not use strong force to lift up the LCD to avoid damages. Once you remove the screws, pull up and out the back metal plate at the two sides, then you will see how the flex cable is running under this metal plate to the plug connector at the bottom of the LCD. The metal plastic also have a flex cable soldered for the battery so do not pull the metal plate all the way up to avoid damages to the flex cable to the battery.