

Martell lite

one touch 992D



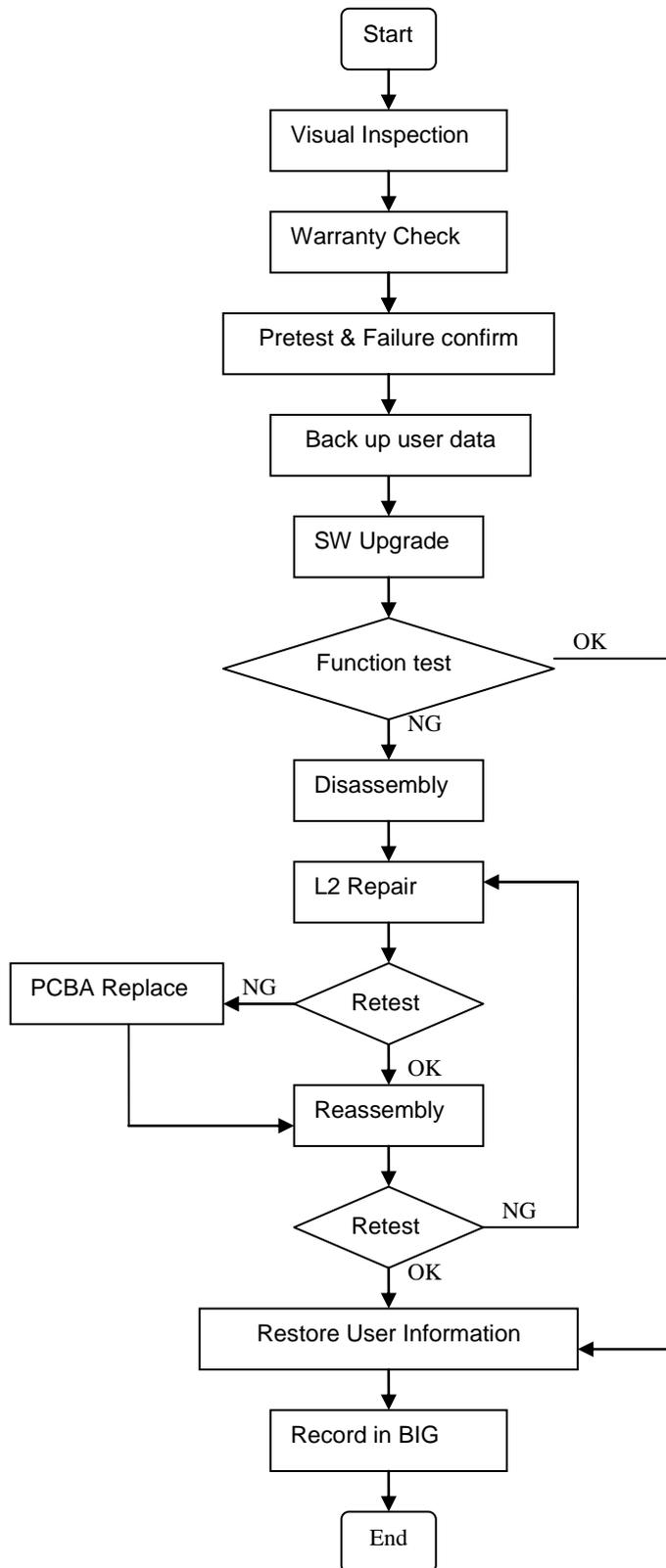
Note: this manual is non-contractual and TCT Mobile Limited can modify it without prior notice on the characteristics of described equipments.

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1.0	2012-10-16	Updated according to CPM's comment	Jennifer Zhang		
0.1	2012-9-7	Draft creation	Jennifer Zhang		
Rev.	Date	Modification description	Prepared By	Checked By	Approved By

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1 Level 2 repair process



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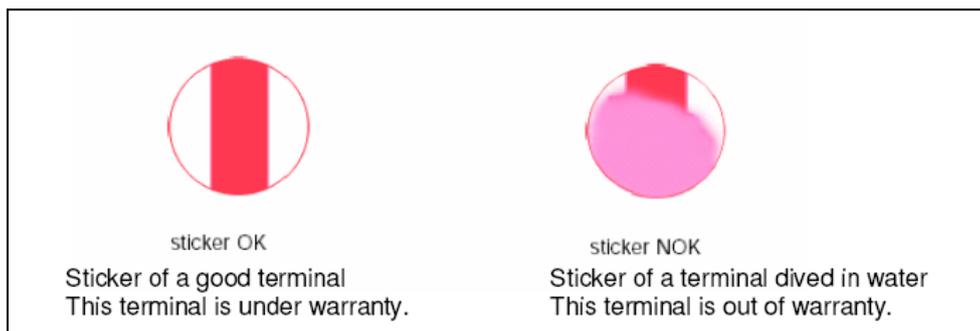
2 Warranty Check and Visual Inspection

2.1 Warranty confirmation of L1

- 1) IMEI sticker check:
 - a) The IMEI number MUST be the same with the one on the IMEI sticker. If not, it's out of warranty policy
 - b) IMEI label should not be
 - Removed
 - Scratched
 - Unreadable
 - Un-approved or un-provided by Alcatel.



- 2) Humidity sticker: Liquid detection on humidity sticker.



2.2 Visual mechanical check

Mechanical warranties check items:

- 1) Corrosion

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- Corrosion on the USB connector, SIM connector, and other metal surfaces.
- 2) Hole (diameter > 1mm)
 - Holes on any surface, including the front casing, furnished frame, battery cover, touch Lens, keypad...
 - 3) Bump
 - Bumps (diameter > 1mm) on any surface, including front casing, decorate frame, battery cover, touch Lens, keypad, etc.
 - 4) Scratch
 - Scratches (length > 3mm) on any surface, including the front casing, decorate frame, battery cover, touch Lens, keypad, etc.
 - 5) Distortion
 - Bend, twisted or crushed on the h/s, cover/casing or connectors, etc.
 - 6) Broken
 - Touch broken, casing/cover broken, etc.
 - 7) Dropped
 - Keypad tear off, touch lens, connectors dropped, etc.
 - 8) Gap
 - External physical damage relating to abnormal use, like front case and frame opened
 - 9) Others
 - Damage caused by disassembly ,wrong part assembly, loss of components
 - Use in abnormal environment like high temperature causing plastic melts

2.3 Pretest

- 1) Check that the SIM card is set correctly.
- 2) Insert the battery.
- 3) Power on the cell phone.
- 4) If the cell phone cannot power on, visually check the condition of the battery connector. Replace it if necessary.
- 5) If the cell phone asks to input NCK code, this means it is SIM locked and can only be worked

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with dedicated SIM card. Use the correct SIM card.

6) Enter the phone code if necessary.

7) After the phone power on, test step by step with the auto test code:

Press ***#2886#** in dial screen and select “Auto” to start the auto test, then you will see the interface displaying the version. Press “Pass” to continue.

If one of the test failed, it will ask you “Restart?”, press “YES” to restart the auto test from the first one and “NO” to exit the auto test, while “NEXT” to continue the auto test.

■ **TRACABILITY Test**

I. You can get some information such as IMEI, CU, BT, WIFI, etc...

II. Press “Pass” to continue.

■ **TP**

I. “Please draw the yellow data” according to instructions and it will show “TEST RESULT: OK!”

II. Press “PASS” to continue.

■ **LCD MIRE/BLACK/GREYCHART/WHITE**

I. You will see the LCD color changes if it functions well

II. Press “Pass” to continue.

■ **LCD BackLight Level**

I. The screen backlight will be flashing if it functions well.

II. Press “Pass” to continue.

■ **KEYPAD.**

I. Press the key displayed on the screen. The key on the screen will disappear when you press it if it functions well

II. Press “Pass” to continue ;

■ **Flash LED Light Test.**

I. The light near the camera will flashing.

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II. Press "Pass" to continue.

■ CAMERA IMG

Press "Pass" to continue if the camera functions well

■ CAMERA IMG FRONT

Press "Pass" to continue if front camera functions well

■ CAMERA LED

I. Camera LED will be turned on if functions well.

II. Press "Pass" to continue.

■ MELODY

I. You will hear the melody if it functions well.

II. Press "Pass" to continue.

■ HEADSET

I. Insert the headset and you will hear FM if functions well

II. Press "Pass" to continue

III. Remove headset according the instruction and it will say "Headset tested" if it functions well;

IV. Press "Pass" to continue

■ USB

I. Insert USB cable and the phone will detect "Charger: OK" "USB: OK" if it functions well

II. Remove USB cable according to the instruction and then press "Pass" to continue

■ VIBRATOR

I. You can feel the phone's vibrating if it functions well.

II. Press "Pass" to continue.

■ G-SENSOR

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- I. Screen will display “put the handset up and towards up”, follow this prompt screen will display left arrow, right arrow, up arrow, down arrow and face down arrow. Put the phone to the positions according to the arrows’ direction. It will say “all positions checked” if functions well
- II. Press “Pass” to continue
- ALS/PS
- III. It will say “Proximity Sensor detected”, put the phone near your skin and then move away from your skin. values such as “near->far:2” will be shown if functions well;
- IV. Press “Pass” to continue
- SIM
- I. Insert the SIM card and the phone will detect it if it functions well
- II. Press “Pass” to continue
- MEMORY CARD
- III. Insert the Memory card and the phone will detect it if it functions well
- IV. Press “Pass” to continue
- a) BT
- V. The phone will running the BT and show the BT address on screen
- VI. Press "Pass" to continue
- b) WIFI
- I. The phone will running the WIFI and search available network
- II. Press "Pass" to continue
- c) GPS
- III. The phone will running the GPS and search satellite
- IV. Press "Pass" to continue
- BATTERY TEMP

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- I. Battery temperature will be displayed on the screen
- II. Press “Pass” to continue
- CALL
 - I. You will hear a voice prompt which introduces some emergency call numbers if functions well;
 - II. Press “Pass” to continue

3 Software download

It is authorized to download software for the handset which needs to be updated. This downloading tool is called SW upgrade tool. Handset Software can be downloaded from TS website via it. Thus internet access is necessary.

TS Website: <https://css.tclmobile.cn/>.

Equipments requested when download:

- (1) A handset with full charged battery;
- (2) PC with windows system;
- (3) A USB cable.

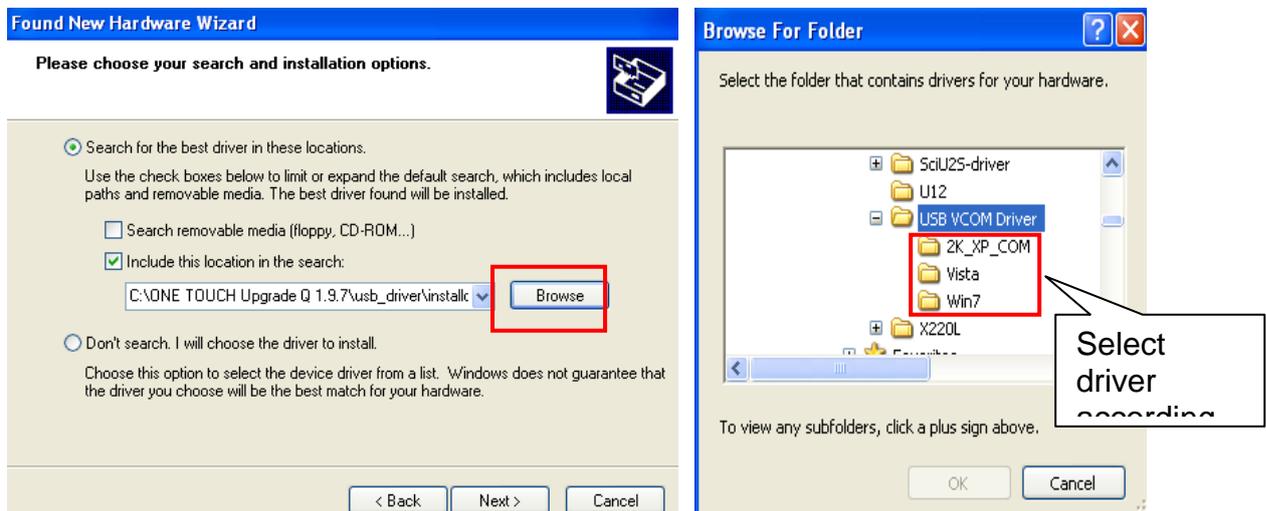
Handset driver installation

- I . Download the driver package from the CSS website
- II . Power off the handset and connect to PC via end user cable. PC will detect the handset and prompt a window to install the driver
- III. Select “Install from a list of specific location (Advanced)”, then select “Next”

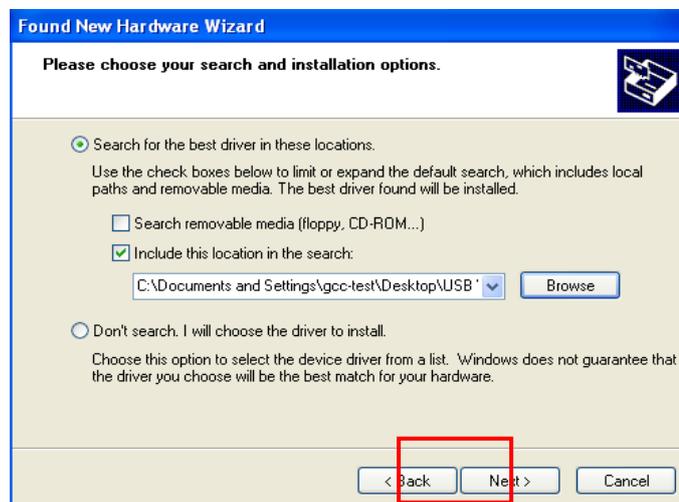
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IV. Select “Browse” to choose the exact path where the driver package stored.

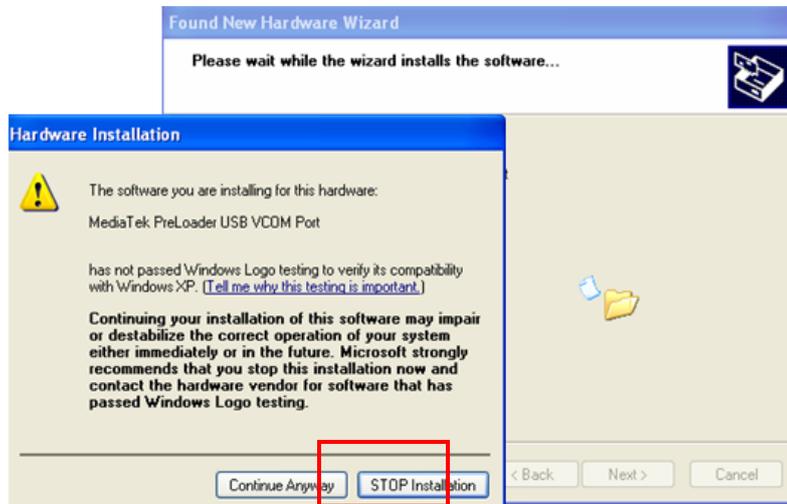


V. After location selected, please select “Next”

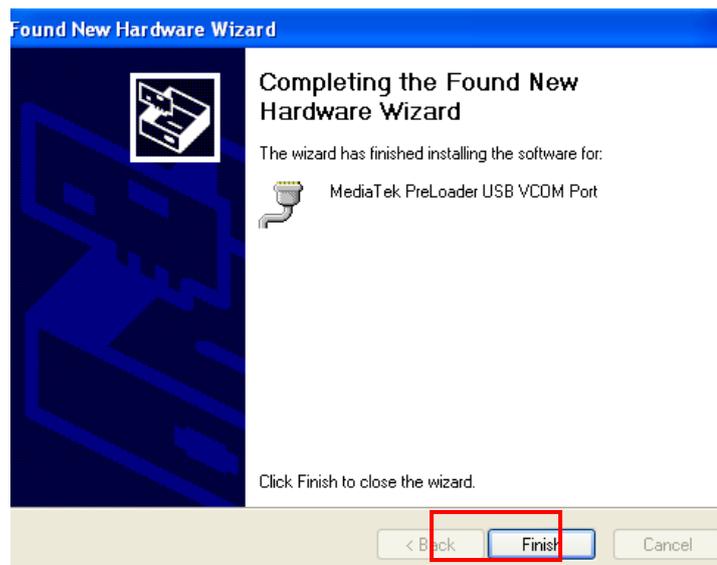


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VI. Select "Continue Anyway".



VII. Select "Finish".



VIII. After driver installed, it can be checked on Device Manager. The driver is "Media Tek Preloader USB VCOM Port".

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Plastic Flake



Tweezers



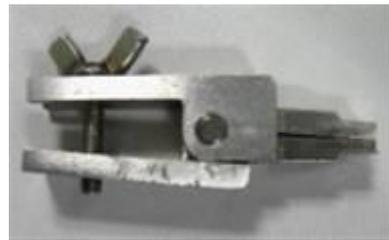
Hot wind gun



Screwdriver



Soldering iron



Camera Jig

4.3 Disassembly process

The steps of disassembly one touch 992D are as below.

This module should only be disassembled from bottom to top.

Step 1: Remove the battery cover and battery.

Step2: Take off screws

- 1). Take off the 6 screws from the furnished frame by screw driver



- 2). Remove the furnished front deco according to below instruction by using plastic flake,

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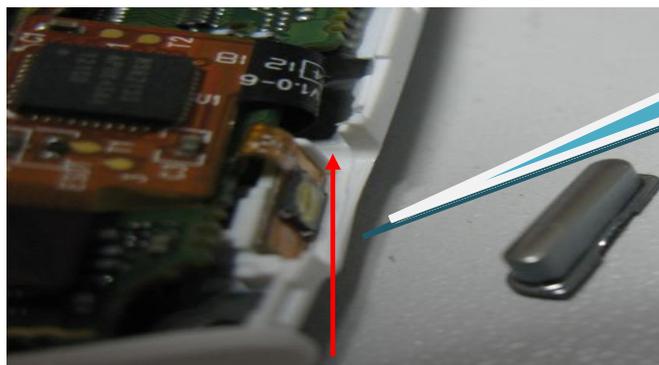


Start prying from here

3). then take off the 2 screws under furnished front deco



Step 3: Pry the furnished frame up by plastic flake



Start prying from here

Then separate the furnished frame from furnished front casing; it will be much easier if you follow up the order and directions as below picture shows.



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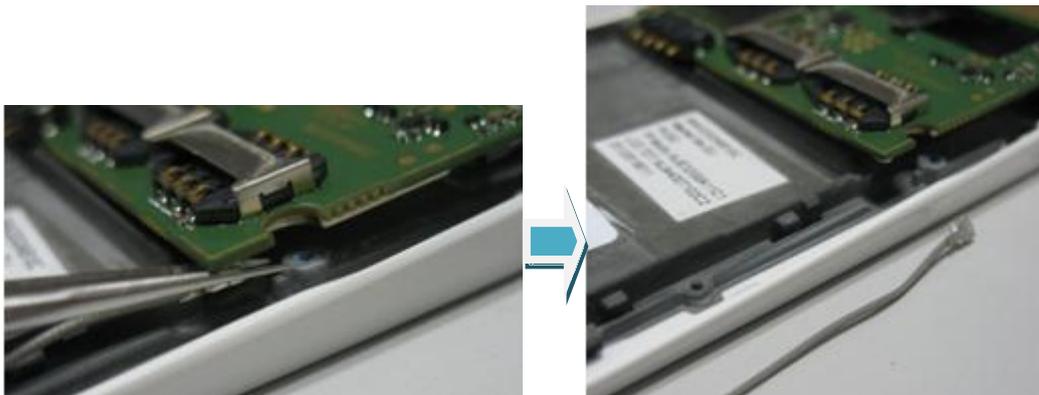
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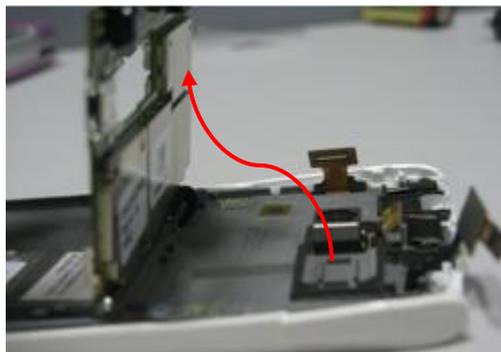
2). Pay attention to the RF cable as blow and make sure not to break it.



3). Remove the RF cable by using tweezers.



Step 11. Remove PCBA from furnished front casing;



Separate the main FPC from main PCBA carefully.

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NOTE: please make sure to assemble the main FPC firstly and RF cable secondly with main PCBA when re-assemble main PCBA with furnished front casing.



Step 12: Remove sub camera from main PCBA.

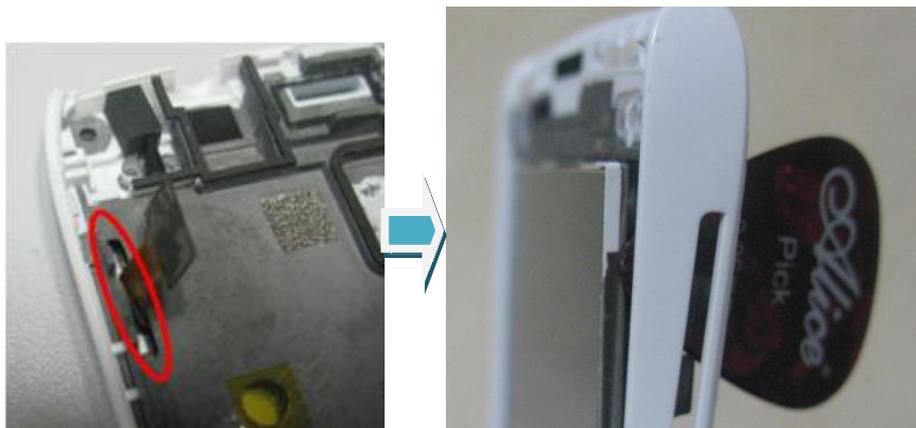
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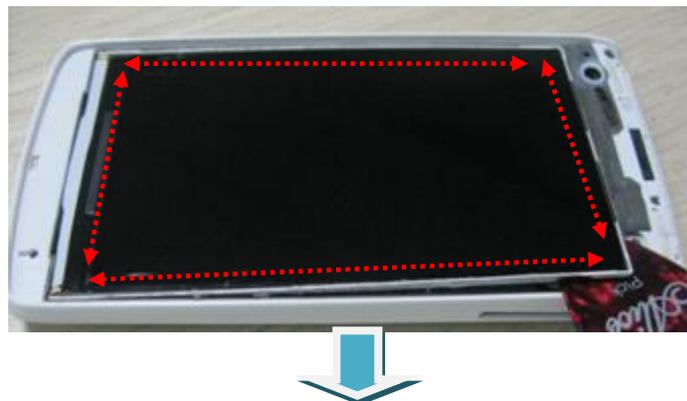
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2). Please use hot wind gun to heat up LCD module around the four edges (Temperature: 100°C, Air Level: 3, Height:5-10mm, Time:<60s), and then use plastic flake to push the LCD model through the hole as below.



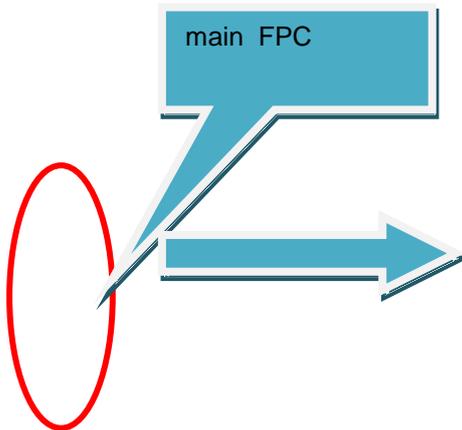
swipe along the four edges of LCD model and separate it from furnished front casing slowly and carefully;



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Step 16. Remove main FPC from furnished front casing.



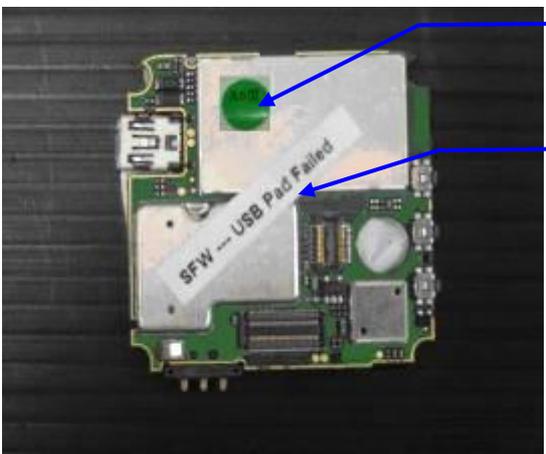
Step 17. Please remove the following components from main PCBA by hot wind gun.

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should be stuck onto PCBA

- ii、 The repair PCBA and custom label should be matched
(see appendix one for the detailed information)

<p>PCBA of Flip Phone</p>  <p>Network code Commercial label</p> <p>put commercial label and network code on one side</p>	 <p>Custom label Failure code label</p> <p>Put failure code label and custom label on other side</p>
<p>PCBA of Bar Phone</p>  <p>Put commercial label and custom label on</p>	 <p>Network code Custom label Commercial code Failure code label</p> <p>At the same time put network code</p>

PCBA	label and failure code label
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2、 PCBA Packing Requirements

- i 、 After packing with anti-vibration bag, the commercial label on PCBA should be easy recognized;

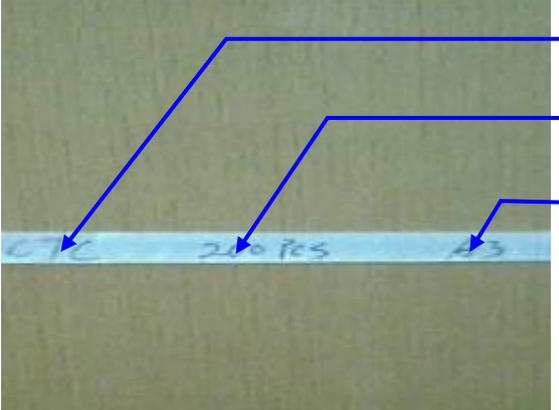
 <p>Inner packing is anti-static bag</p>	 <p>Outer packing is anti-vibration bag</p>
 <p>Put commercial label on anti-vibration bag</p>	

Custom label is easy to see

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3、 Packing Requirements

- i. Please pay attention to the following points when different models put into one box:
- ii. Stick up the same models with tapes
- iii. Mark the model, quantity and specification of custom label on tape
- iv. The packing box for PCBA should have marking sticker and well sealed by the tape with TCL logo
- v. Finally put all the packing boxes into packing cases strong enough and post to HK.

	
<p>Stick up the same models with tapes</p>	<p>Mark the model, quantity and specification of custom label on tape</p>
	
<p>The packing box for PCBA should have marking sticker and well sealed by the tape with TCL logo</p>	<p>Put all the packing boxes into packing cases strong enough and post to HK</p>

Once the PCBA are damaged or cannot be repaired or delayed in custom because of unqualified packing, the shipping side will take the responsibility.

If you have any question or problem, please feel free to contact us

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