

M1711 Disassembly and Assembly guide

(VERSION: V1.0)

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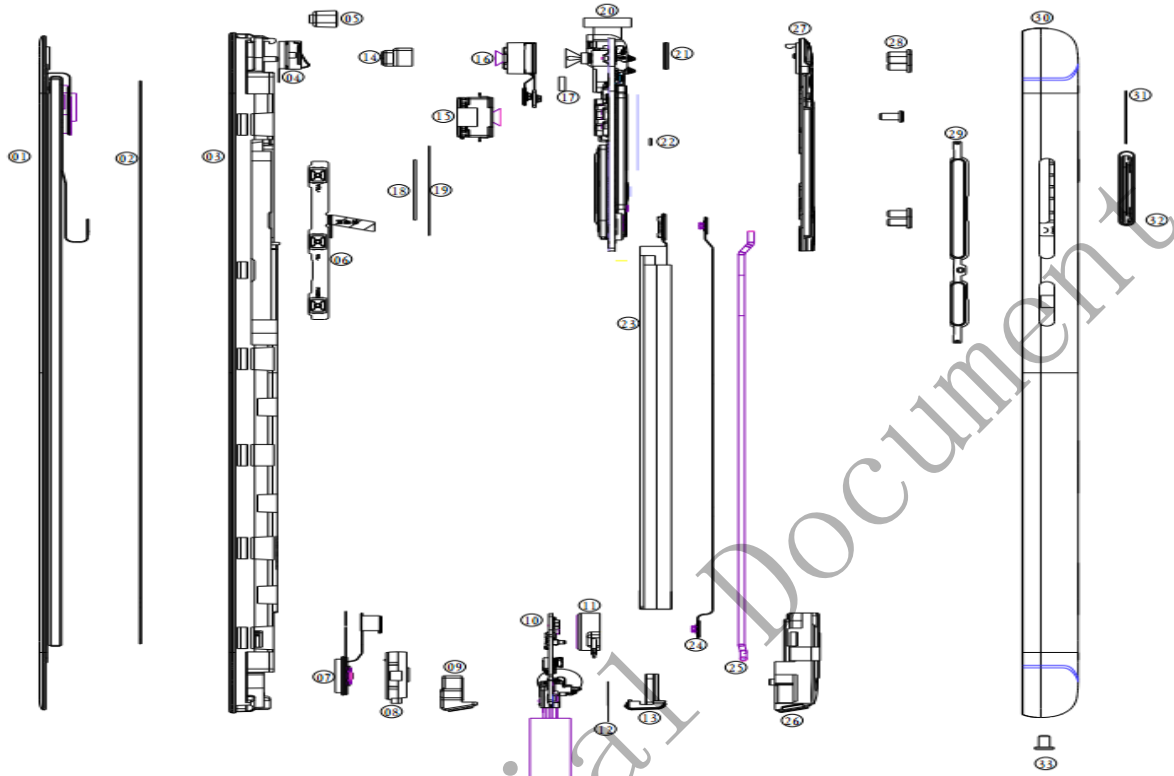
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V1.0	2017/9/8	Initial public	

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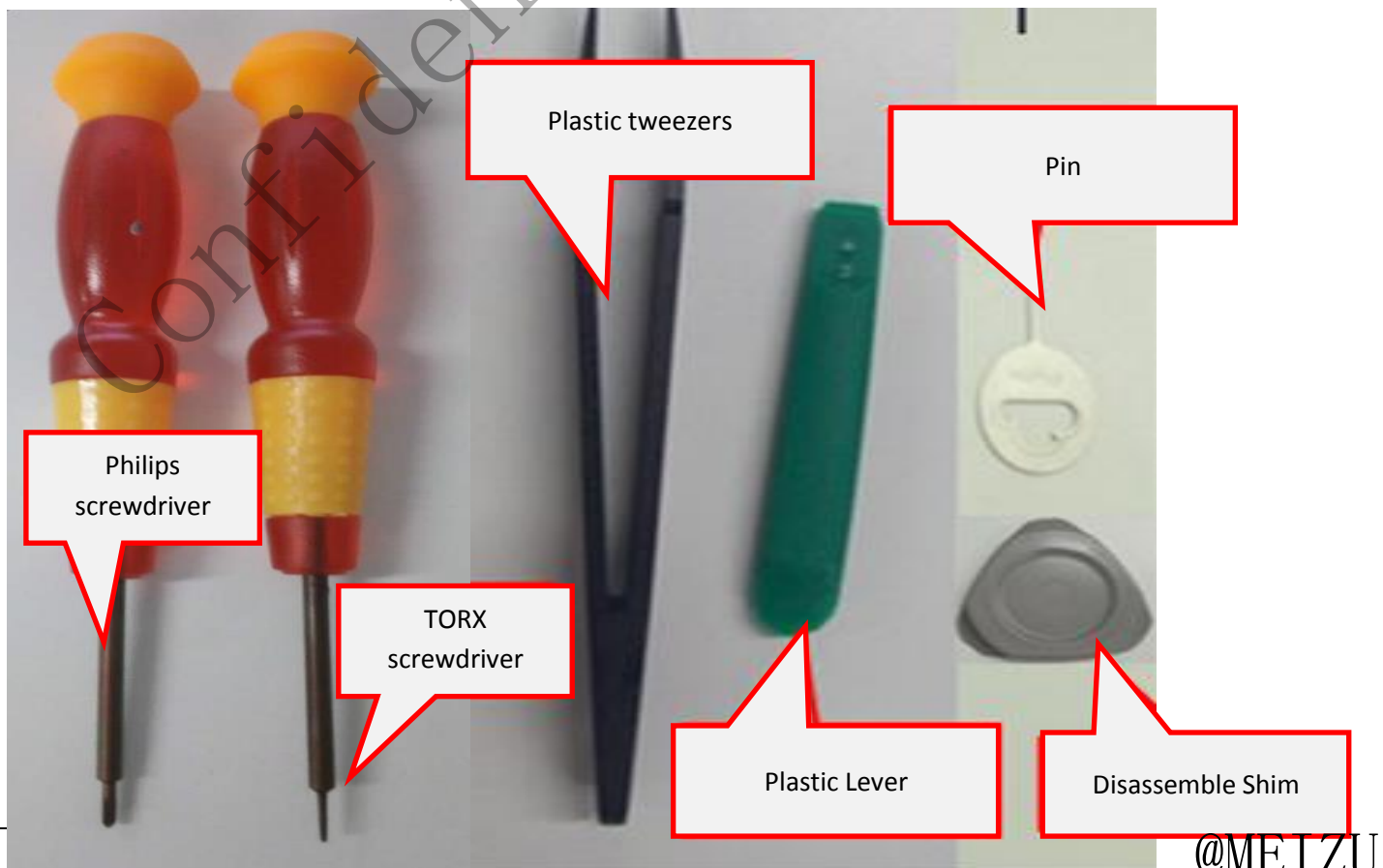
Implemented By: Sep.8 ,2017

Disassemble guide

I 、 Mobile phone structure introduction



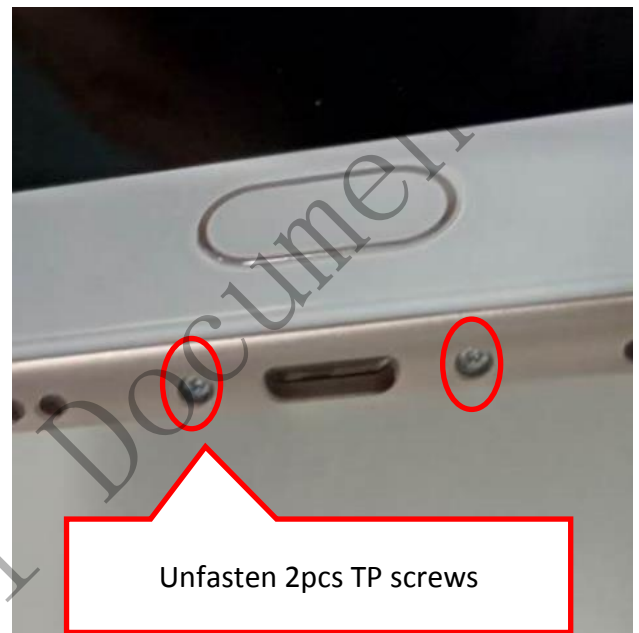
II 、 Disassembly Tool



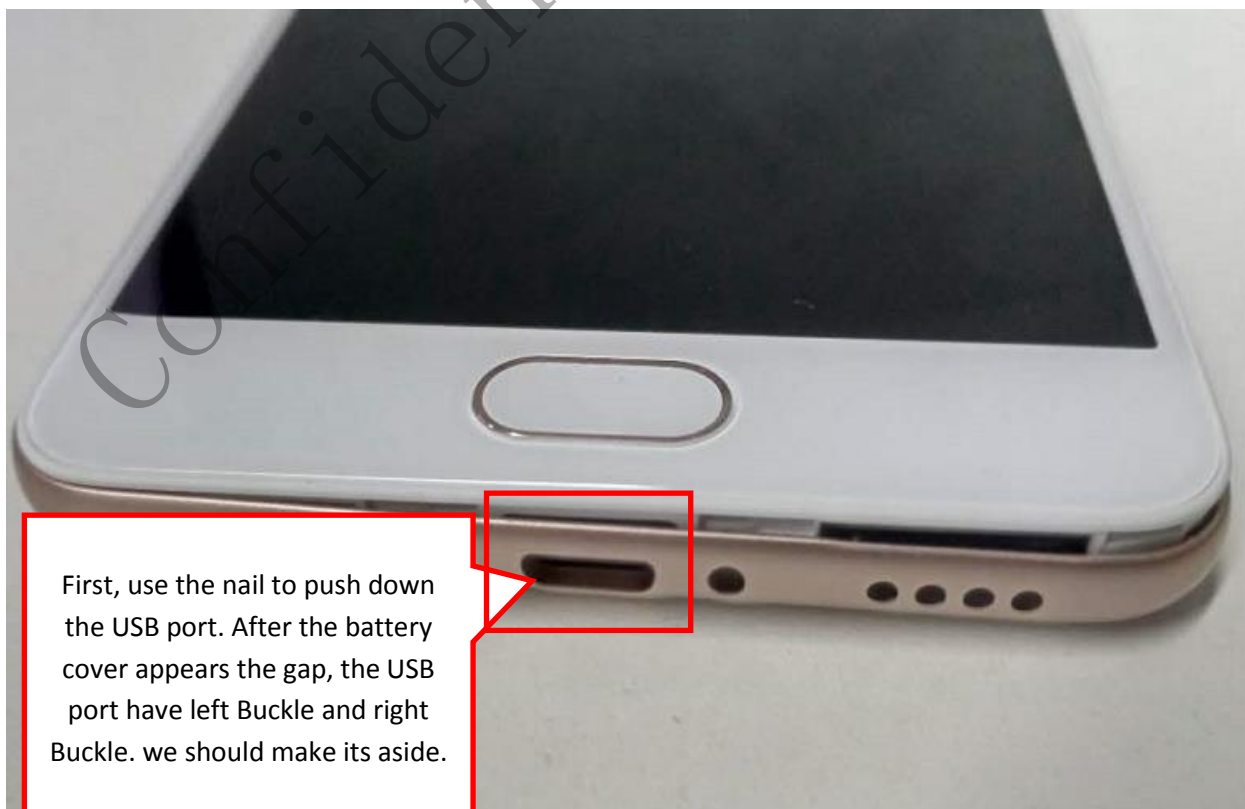
III、Disassembly Guide

(1) SIM Tray and TP screws removal;

1. Make sure the phone is switched off. Insert the Ejection Pin in the phone. Push the pin harder to eject and remove the SIM tray;
2. Use the 0.8mm Torx screwdriver to unfasten 2pcs TP screws from the bottom of phone as below figure



(2) Battery Cover Removal



(3) Screws*14 removal

1) Unfasten 14 screws by Philips screw driver as below picture;



(4) Speaker BOX, mainboard holder removal ;

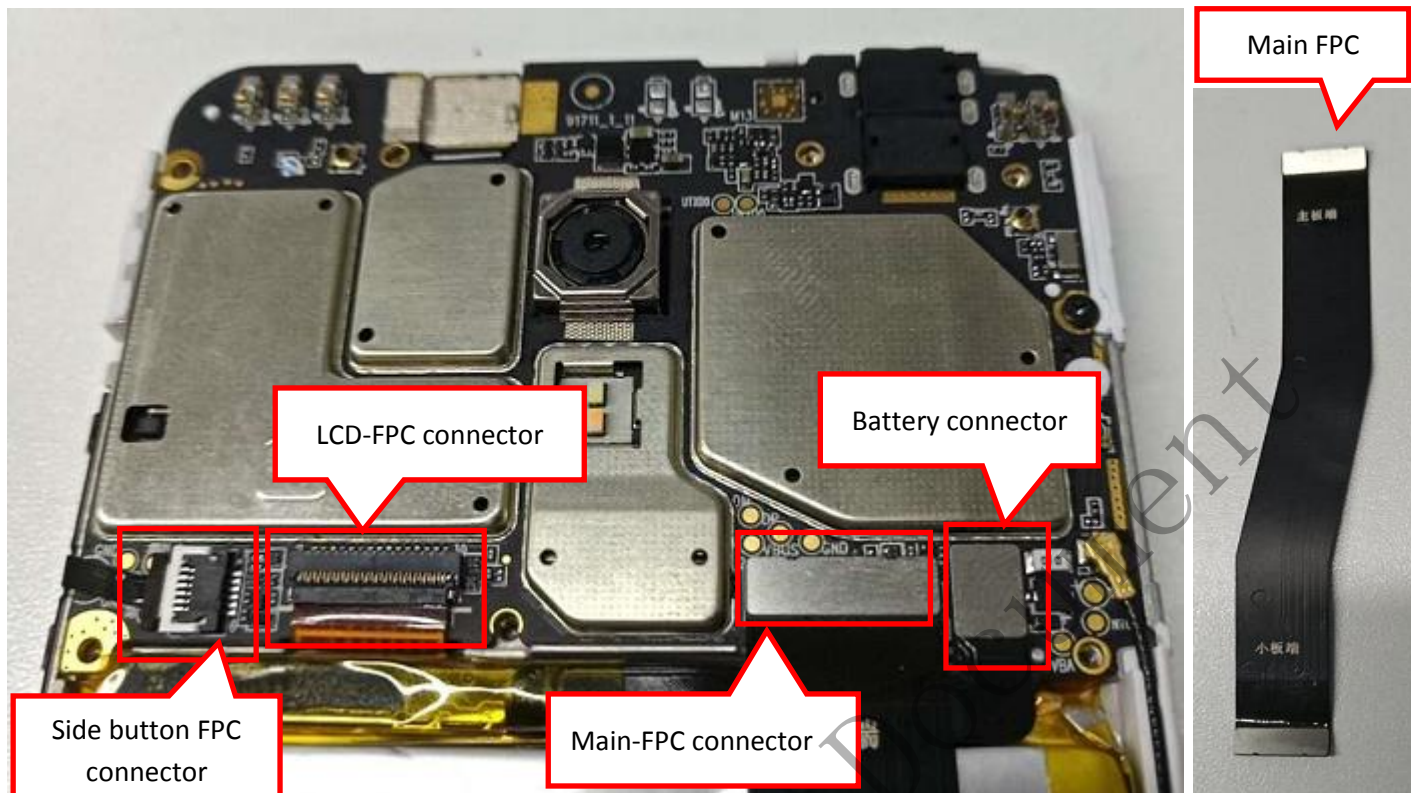
1) As below picture, remove the mainboard holder and speaker in order;



(5) Disconnect connector, remove main FPC

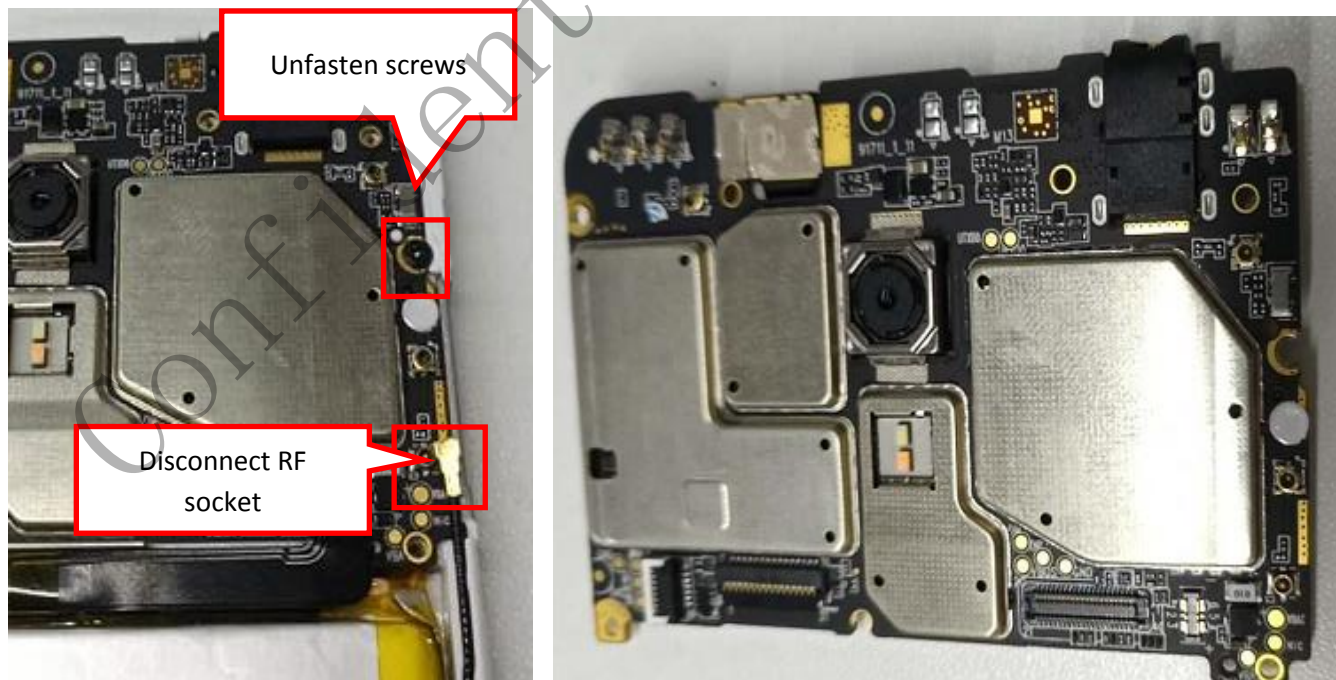
1) **Disconnect battery connector first**, and then disconnect the other connectors as below picture, lastly, disconnect

main FPC form mainboard and daughter board;

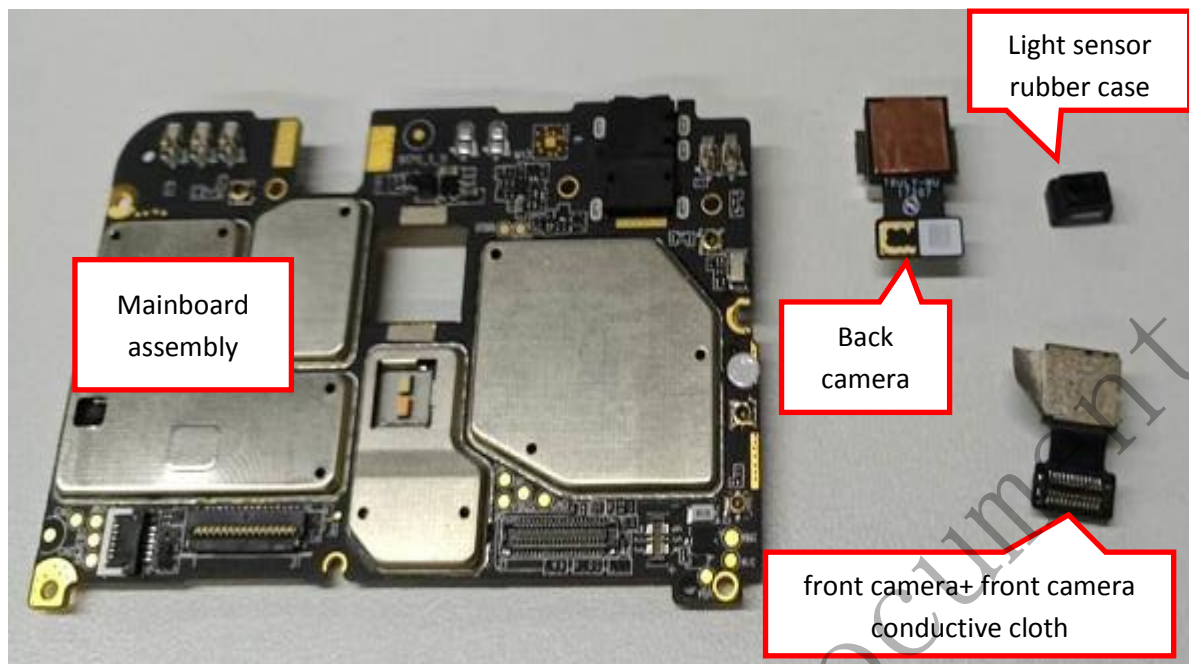


(6) Mainboard removal;

1) Use the Philips screwdriver unfasten the screws*1 from mainboard, and then disconnect the coaxial wire on the mainboard ,and then remove mainboard.

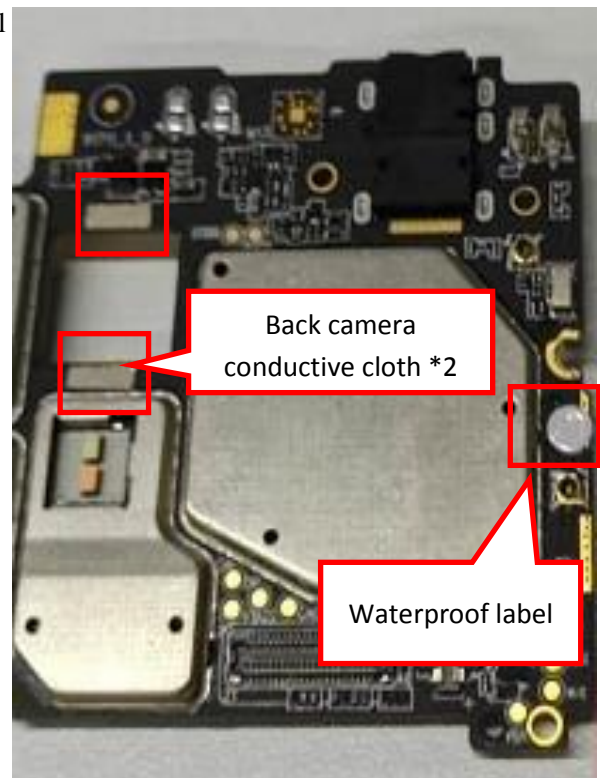
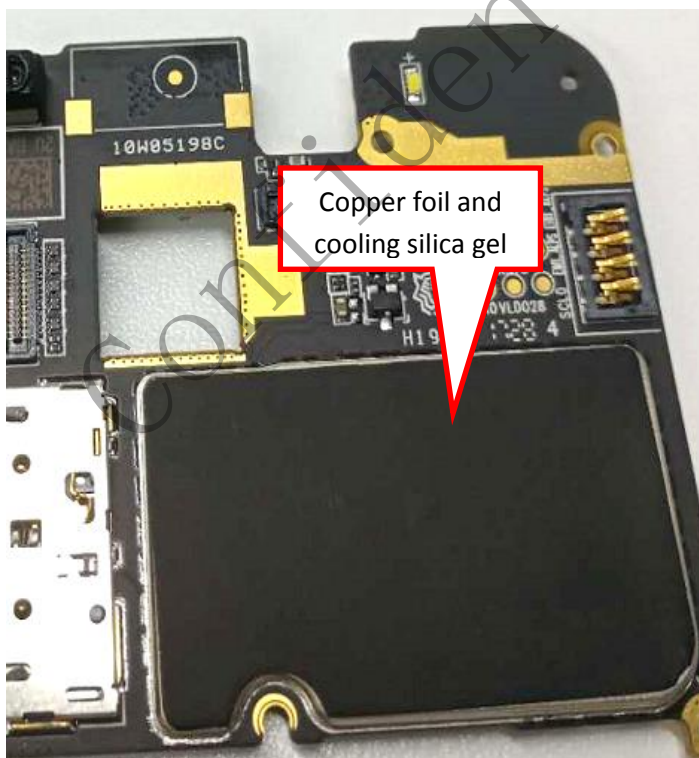


(7) Remove the materials of mainboard (front camera, light sensor rubber case)



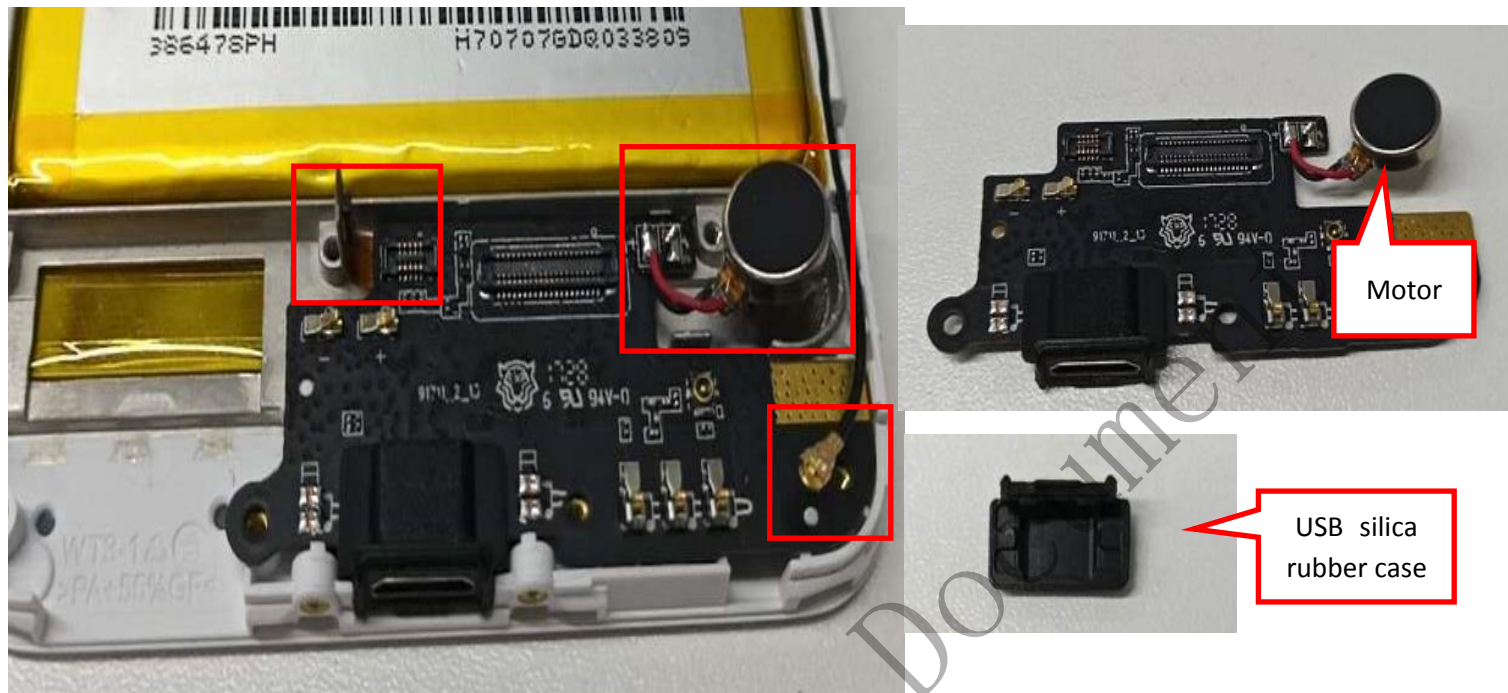
(9) The material of mainboard assembly;

1) The material of mainboard assembly (Waterproof label, Back camera conductive cloth*2, cooling Silica gel, copper foil) is hard to disassembly, Disassembly according to actual demand;



(10) Daughter board and USB silica rubber case removal

- 1) Disconnect the finger print module connector , coaxial wire RF socket, Motor ;
- 2) Take the daughter board off, disassemble the motor and USB silica rubber case according actual demand;



(11) Remove finger print module, finger print module holder, coaxial wire

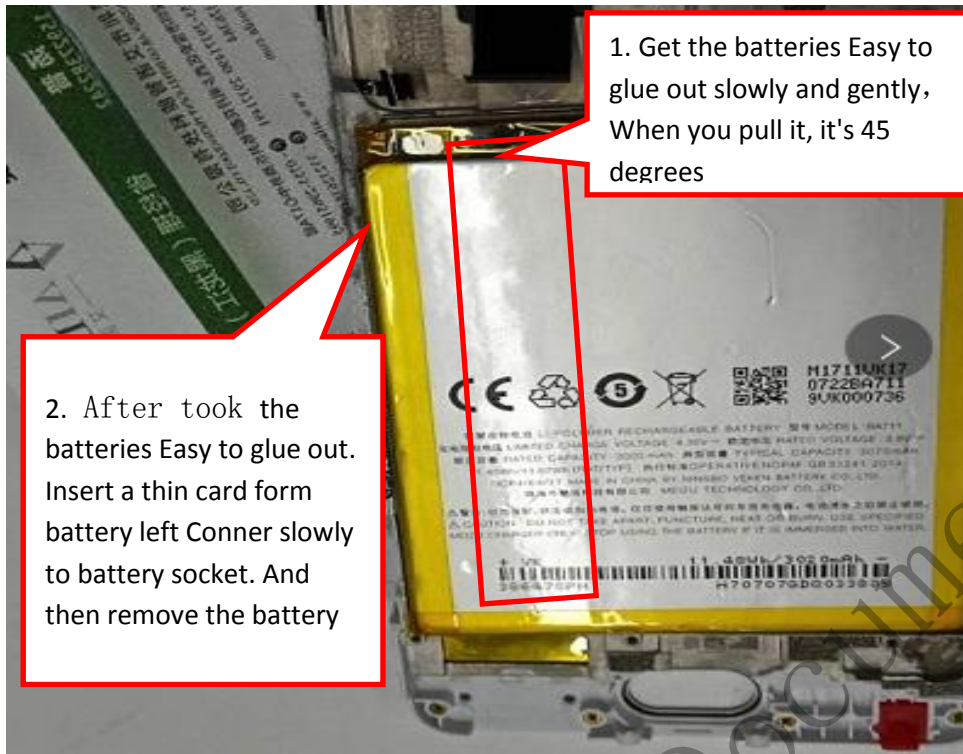
- 1) As below picture, Remove finger print module, finger print module holder, coaxial wire in order



(12) Battery removal

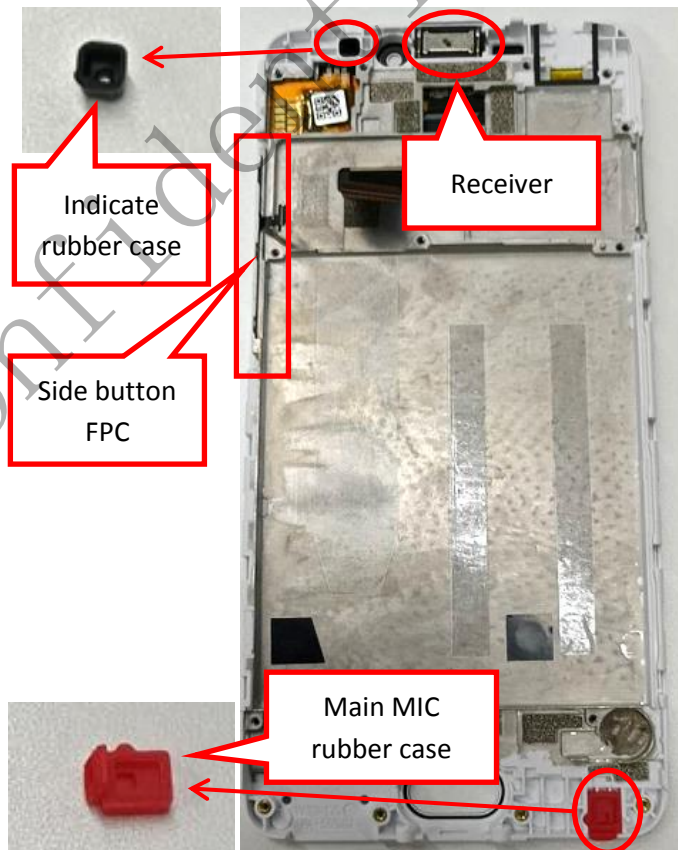
- 1) Follow below order , remove the battery slowly, **don't pull the battery easy to glue too hard, we should pull**

slowly and avoid to break;



(12) The main MIC rubber case and indicate rubber case removal

- 1) Remove the MIC rubber case and indicate rubber case form LCD touch screen assembly,
- 2) After the side button FPC and receiver was removed form LCD touch screen assembly, we should replace the new gum, Assembly according actual demand.



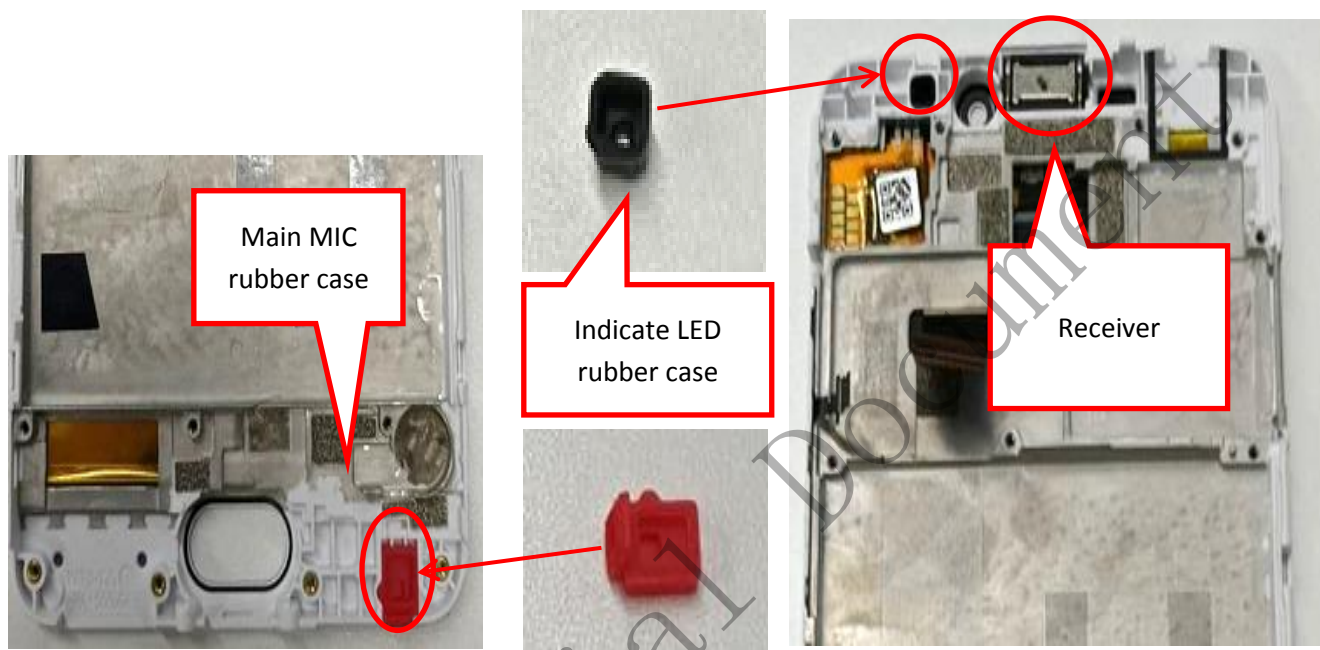
(13) Assembly completed, All of the materials as below;



IV Assembly guide

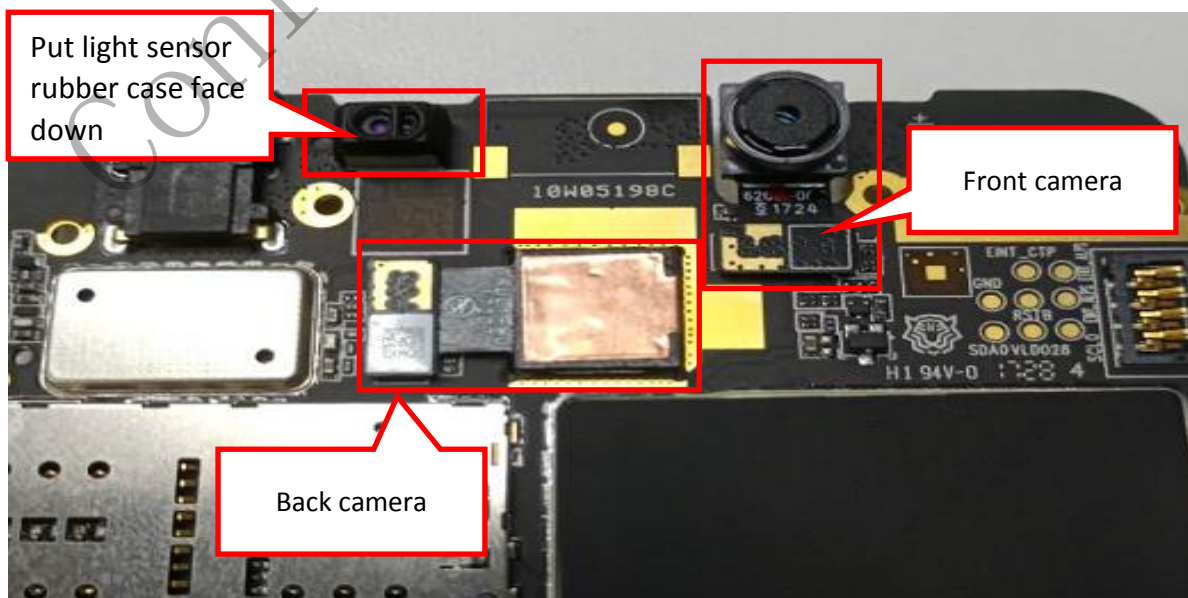
(1) Assemble receiver and indicate rubber case and main MIC rubber case;

- 1) **Assemble receiver:** Get a receiver, Put the receiver shrapnel's pin face down. assemble the receiver to corresponding position in the LCD touch screen assembly;
- 2) **Assemble indicate rubber case、Main MIC rubber case:** Get LED rubber case, Main MIC rubber case, Assemble rubber case to the LCD touch screen as below picture. And it should be assemble in place.



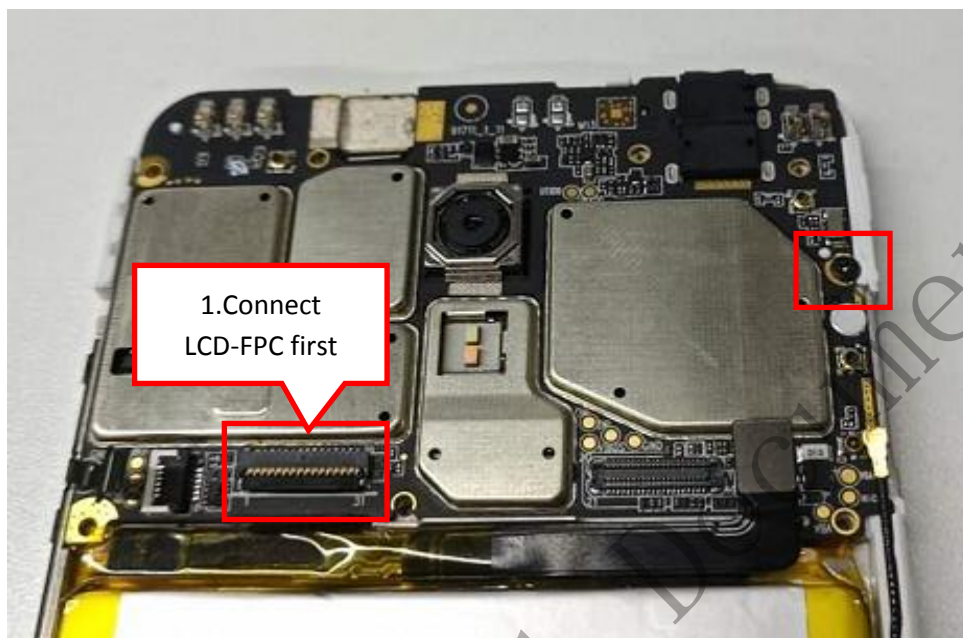
(2) Assemble front camera, back camera, light sensor rubber case on the mainboard

- 1) **Assemble front camera:** Get the front camera, Check the surface of front camera is good, put the front camera vertically corresponding to the front camera connector and press it in place.
- 2) **Assemble back camera:** Get the back camera, Check the surface of front camera is good, put the back camera vertically corresponding to the back camera connector and press it in place.
- 3) **Assemble light sensor rubber case:** put light sensor rubber case face down, assemble on the light sensor;



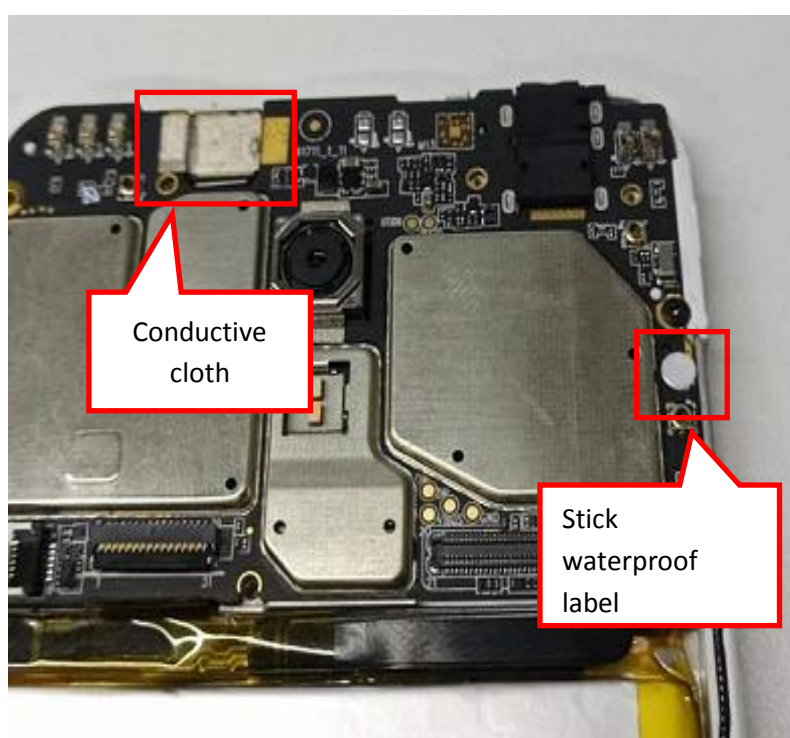
(3) Assemble mainboard、LCD-FPC and fasten mainboard screw*1;

- 1) **Assemble mainboard:** Ensure the front camera's hole and front camera is clean. Connect the LCD-FPC to the mainboard connector first. And then put the mainboard corresponding to the LCD touch screen positioning pin, and then assemble the mainboard.
- 2) **Fasten screw*1:** vertically fasten 1ps screw as below picture, avoid to damage the component of mainboard,



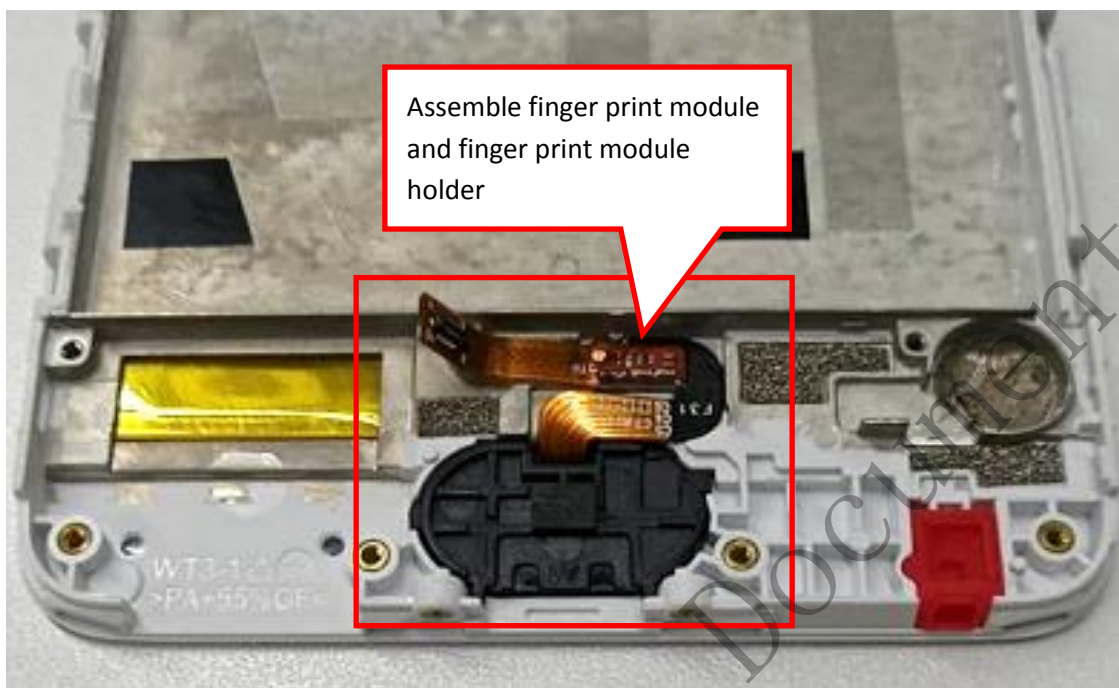
(4) Assemble FPC、stick waterproof label、 front camera conductive cloth*1

- 1) **Side button FPC:** Insert the side button FPC to the mainboard connector, and then remove the dual faced adhesive tape from side button FPC, and then assemble the side button on the LCD touch screen assembly
- 2) **Stick waterproof label:** Get a waterproof label by tweezers and stick on the circle as below picture
- 3) **Stick front camera conductive cloth:** Get front camera conductive cloth, stick on the position as below picture;



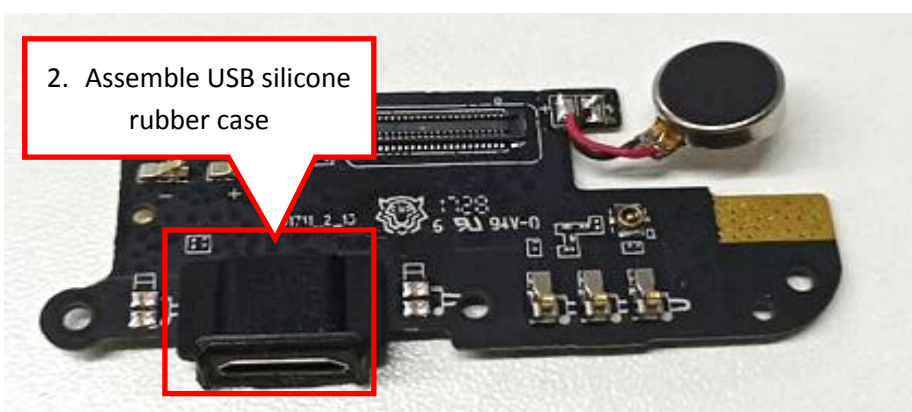
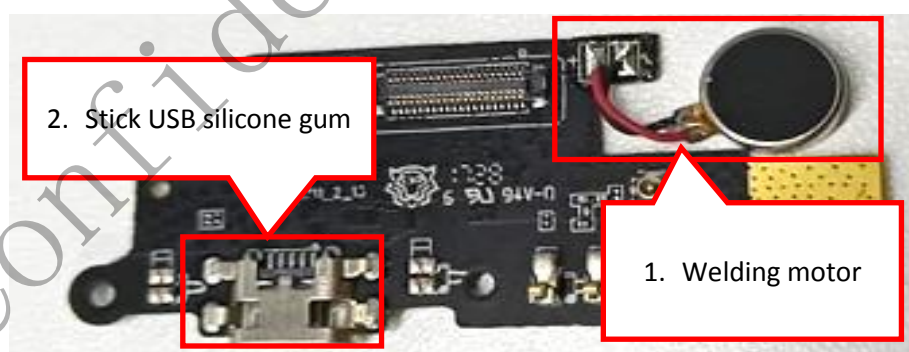
(5) Assemble finger print module and finger print module holder:

- 1) **Assemble finger print module:** Remove the finger print module FPC release paper, and then stick the finger print module FPC on the LCD touch screen assembly.
- 2) **Assemble finger print module holder:** Assemble finger print module holder as below picture;



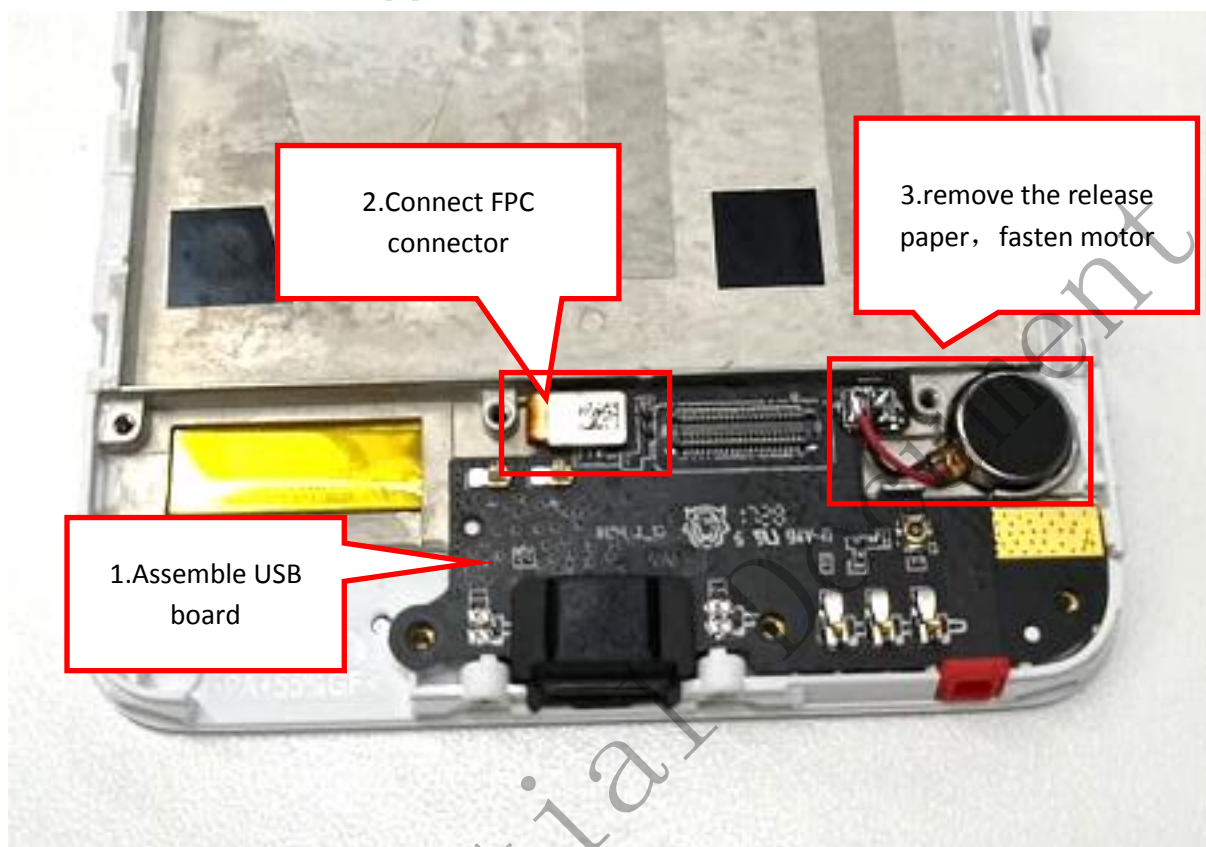
(6) Welding motor on the USB board, stick USB silicone gum, assemble USB silicone rubber case:

- 1) **Welding motor on the USB board:** Take the motor according to the red wire welding on the positive pole and the black wire welding on the negative pole;;
- 2) **Stick USB silicone gum:** Stick USB silicone gum as below picture;
- 3) **Assemble USB silicone rubber case:** USB 上 Stick the gum and assemble the USB silicone rubber case on the USB port;



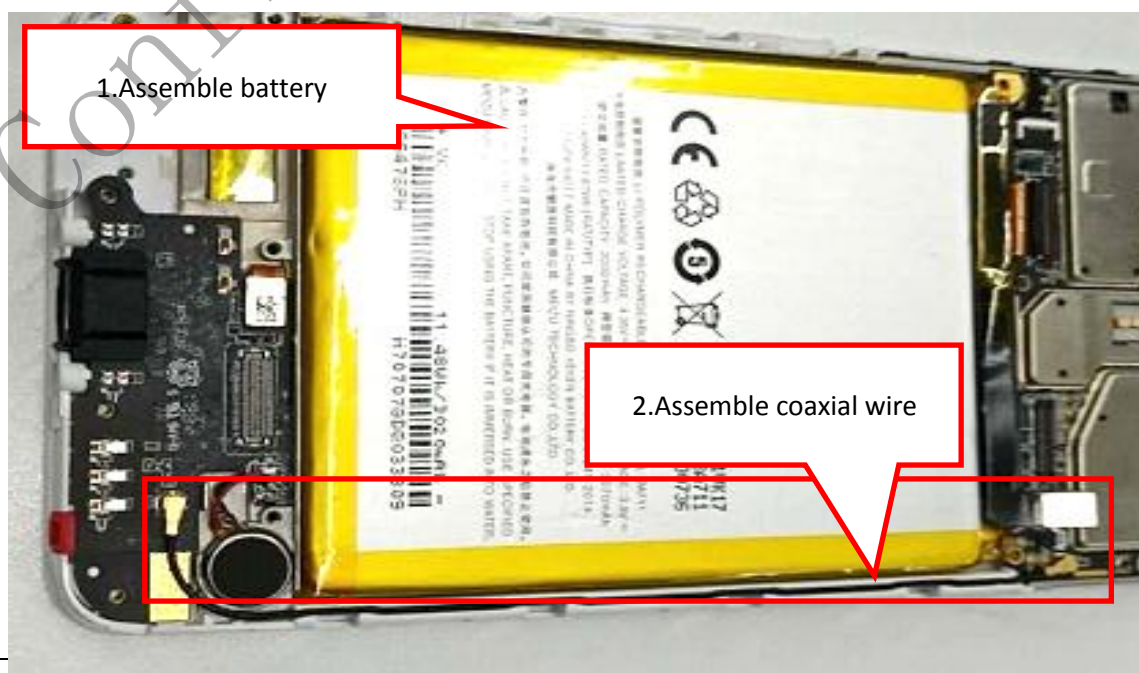
(7) Assemble USB board, finger print FPC and motor:

- 1) **Assemble USB board:** Put the USB board corresponding to the position pin and assemble to the LCD touch screen assembly;
- 2) **Connect the finger print module FPC:** Connect the finger print module FPC connector to USB board
- 3) **Fasten motor:** remove the release paper form motor, and then fasten motor on the motor's slot



(8) Assemble battery and coaxial wire:

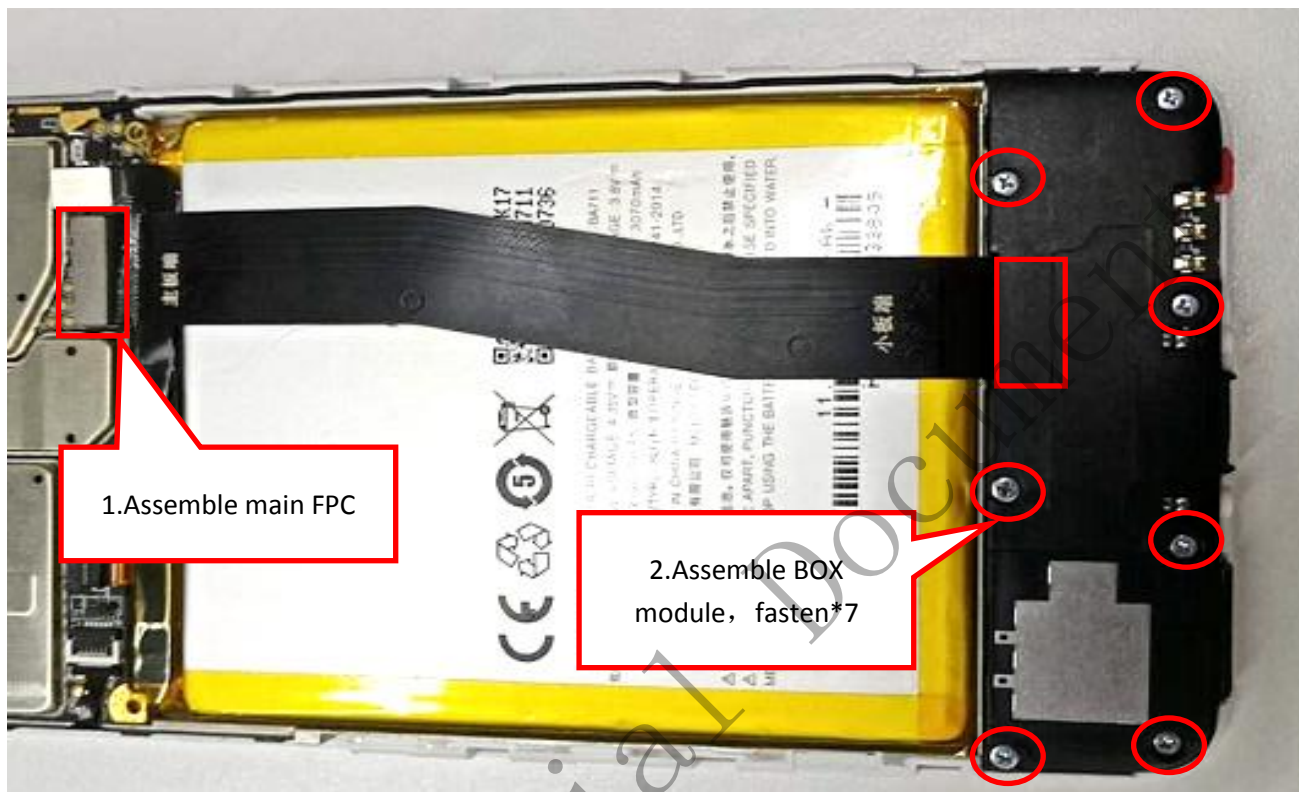
- 1) **Assemble main FPC:** Remove the gum from battery slot, and then put the bottom of battery in the battery slot first, and then assemble the battery slowly (battery connector needn't connect).
- 2) **Assemble coaxial wire:** Get coaxial wire, connect one end to the USB board for the coaxial wire, and then the another end connect to mainboard RF socket, and then put the coaxial wire in the wire slot in order.



(9) Assemble FPC,BOX module and fasten screw*7

1) **Assemble main FPC:** : According to the direction of FPC silk screen, motherboard end connect to motherboard and USB board end connect to USB board.it should be assemble in flat;

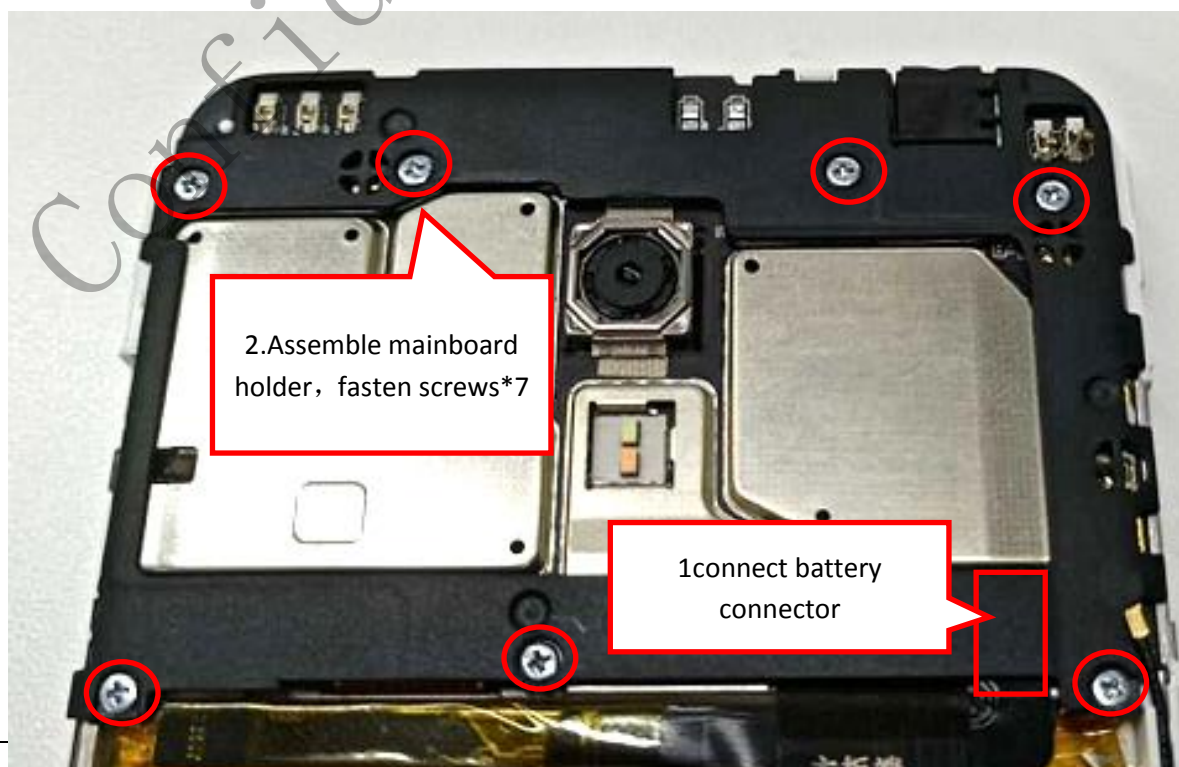
2) **Assemble BOX module, fasten screws*7:** Get BOX module to assemble as below picture, and then fasten 7pcs screws ;



(10) Connect battery connector ,assemble mainboard holder and fasten screws*7:

1) **Connect battery connector:** The battery connector should be vertically attached to the mainboard connector slot;

2) **Assemble mainboard holder, fasten screws*7:** Assemble mainboard holder, and then fasten screws*7 as below picture



(11) Stick screw Tamper proof label *2、assemble battery cover:

- 1) **Stick screw Tamper proof label *2:** Stick the screw Tamper proof label in order, and stick firmly.as below picture.
- 2) **Assemble battery cover:** Assemble the battery as below picture.



(12) Fasten TP screw*2,insert the SIM card tray:

- 1) **Fasten screw*2:** Use the Philips screw driver fasten 2pcs TP screws
- 2) **Insert SIM card tray:** Insert the SIM to the tray, make sure tray can plug in and out normal and it can be assemble in place
- 3) **Assemble completed:**

