

Repair Manual for Professional Repairer

TCL TAB 10L LTE Gen 4 8183A2

This manual is intended ONLY for professional repairer who performs repair and professional maintenance of tablets.

This manual is available in English only.

Notice:

- A. Read the entire manual before any repairs. If you are not comfortable to perform the repairs as instructed in this manual, please do not proceed.
- B. All features, functions, specifications, and other product information in this document, including but not limited to the price, components, performance, availability and capacity of the product are subject to change without notice.
- C. This repair manual is provided only for out-of-warranty repair. If the product is under warranty, contact customer service before repairing it yourself or ordering a replacement part. Modification, customization or alteration of software or hardware by anyone not authorized by the manufacturer will void the warranty.
- D. TCL is not liable for any damage to the product, any injury, or any other product safety issue caused by repair attempt which does not follow the instructions or caused by any misunderstanding or wrong manipulation/utilization of any tools or installations. TCL is not liable for any damage to the product, any injury, or any other product safety issue caused by repair attempt using any tools or installations not supplied or setup by TCL.

Rev.: 1.0	TCL TAB 10L LTE Gen 4_8183A2 Service Manual V1.0	Page: 1/33
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Content

1	Precautions	3
2	Instructional Icons and Notes	4
3	ESD (Electrostatic Discharge) Safety	4
	What is ESD?.....	4
	How do you prevent electrostatic discharge?.....	4
4	Broken Glass Safety	4
5	Battery Safety	5
	5.1 Best Practices to handle batteries	5
	5.2 How to handle a battery thermal event?.....	6
6	Factory Reset	7
	6.1 Remove Google account before doing factory reset	7
	6.2 Factory Reset.....	7
7	Software Update	8
	7.1 Software update by FOTA.....	8
	7.2 Software update by Mobile Upgrade tool.....	8
8	Function Test with MMI	8
	< MMI_Test Guide>	9
9	Basic Troubleshooting	12
10	Contact of TCL hotline and service centers	12
11	Disassembly and reassembly	13
	11.1 Basic tools.....	13
	11.2 Disassembly for replacement.....	15
	Before disassembling:	15
	For all cases of broken glass.....	15
	SIM Tray and Memory Card Tray	15
	Display Assembly.....	15
	Battery.....	19
	Cameras, Speakers, Audio Jack, Type C Connector, MIC, Keys	21
	11.3 Reassembly process.....	27
12	Explode View	31
13	Electric Diagram Block	32

1 Precautions

- Use only demagnetized tools specifically designed for small electronic repairs, most electronic parts are sensitive to electromagnetic forces.
- Use only high quality screwdrivers when repairing products. Poor quality screwdrivers can easily damage the heads of the screws.
- Always use genuine spare parts. Parts from third-party may not function properly or even cause damages or accidents.
- The parts below may require calibration to ensure proper function after disassembly or repair, contact TCL authorized Repair Center if needed:
Sensors (proximity, fingerprint), rear camera, touch screen module, speaker, motherboard.
- The performance of the device's water resistance and dust resistance cannot be guaranteed in the event of an unqualified repair.
- If the device suffered from water/liquid damage, the cost of repairing the device may exceed the value of the device, depending on level of damage.
- Be careful not to damage the battery such as heating, denting, short circuit, or disassembling etc.
- Before any repair, backup personal information and important data.
- An Electrostatic Protected Area (EPA) is required to avoid electrostatic discharge that can cause unrecoverable damages on the device and parts during the repair.
- Before repairing the device, please ensure that the device is fully discharged and turned off.
- Prepare and wear appropriate safety equipment before carrying out repairs. Ensure the workspace is free from flammable materials, foreign objects, and sharp materials. Equip the area with necessary safety equipment such as fire extinguishers and protective gear.
- When removing the back cover, be careful not to damage the product parts and the battery.
- Before assembly, please ensure that there are no screws or foreign objects inside the device and around the battery.
- Before assembly, please ensure that there are no abnormalities before reattaching the back cover.
- When purchasing the product, the packing box is provided with user manual, quick guide, and other information. For more information about the product, please visit www.tcl.com.

2 Instructional Icons and Notes

Failure to follow instructional notes could result in fire, injury, data loss, or damage to the device, parts, or other property.



Warning – highlights instructions to reduce risk of safety issues or personal injury, failure to follow the warning instructions may cause fire or other safety issues and lead to personal injury or death.

Always prioritize safety over cost savings. If uncertain, contact TCL <https://www.tcl.com/mobile-support>.



Caution – highlights instructions to reduce the risk of data loss or damage to the device or other equipment.

Notice – Other instructional information, tips, notes for successfully completing procedures.

3 ESD (Electrostatic Discharge) Safety

What is ESD?

ESD (Electrostatic Discharge) is the rapid, spontaneous transfer of current (in another word, electrostatic charge) induced by a high electrostatic field. It can damage electronic components.

ESD damage may be a latent defect that may escape immediate detection, but may cause the device to fail prematurely.

How do you prevent electrostatic discharge?

All conductors in the environment, including personnel, shall be bonded or electrically connected and attached to a known ground or contrived ground.

Using ESD safety (Anti-static) equipment such as an anti-static wrist strap and gloves, anti-static tools and ESD safe mat when repairing the device can mitigate the risk of ESD event.

4 Broken Glass Safety

The display and Furnished middle casing of the device utilize glass materials, which may fracture if subjected to:

- Drops onto hard surfaces
- Crushing, bending, or deformation
- Other types of hard impact



Warning – Avoid handling broken glass or sharp glass shards without proper protective equipment (e.g., cut-resistant gloves and safety goggles), as sharp edges pose safety risks.

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5 Battery Safety



This device contains a built-in lithium-ion battery with soft battery cells. Battery safety is primary concern when repairing a device with built-in lithium-ion battery.

Only technicians with the appropriate knowledge, experience, and specialized tools should attempt to replace or repair built-in lithium-ion batteries.

Only install new, genuine battery. Used battery can become damaged during the removal process, increasing the risk of hazardous events. DO NOT attempt to reuse battery.

Improper handling of battery can lead to battery overheating, swelling, venting, leaking, or a battery thermal event, which may result in fire, injury, death, data loss, or damage to the device, parts, and surrounding property.

5.1 Best Practices to handle batteries



Warning To prevent harmful incidents when handling batteries, adhere to safety guidelines and maintain a safety-focused workspace.

- **Workspace Safety:**

Ensure the workspace is free from flammable materials, foreign objects, and sharp materials.

Equip the area with necessary safety equipment such as fire extinguishers and protective gear.

- **Avoid Physical Damage:**

Be careful when using sharp tools near the battery. Don't throw, drop, puncture, crush or damage the battery cells to prevent triggering a battery thermal event or the release of noxious fumes.

- **Prevent Short Circuits:**

Don't use tools that conduct electricity and ensure battery terminals do not come into contact with metal objects or conductive surfaces during handling.

- **Temperature Control:**

Keep the ambient temperature within the battery's operating range.

Provide adequate ventilation to prevent overheating.

- **Assembly Precautions:**

Don't leave any abnormal objects (e.g., debris, loose screws, extra screws, etc.) inside the device before reassembling.

- **Proper Disposal:**

Dispose of or recycle waste batteries in accordance with local environmental laws and guidelines.

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5.2 How to handle a battery thermal event?



Warning A **battery thermal event** is a sudden chemical reaction inside a lithium-ion battery that releases stored energy rapidly, potentially causing outgassing and fire. This can result from physical damage, improper handling or replacement, or exposure to temperatures outside the battery's safe operating range.

Act immediately when you notice any signs of a battery thermal events to ensure personal and environmental safety.

Signs of a Battery Thermal Event:

- 1) Smoking, sparking, or soot emission from the battery or device.
- 2) The battery pouch rapidly swelling or puffing out.
- 3) Hissing or popping sounds emanating from the battery or device.

Immediate Actions to Take:

- 1) **Smother the Fire:** Quickly cover the battery or device with plenty of clean, dry sand to contain the reaction.
- 2) **Contact Authorities:** Call local fire services for additional assistance.
- 3) **Evacuate and Ventilate:** Leave the area for 30 minutes to allow smoke to dissipate and ensure the environment is safe.
- 4) **Handle with Protection:** After 30 minutes, wear heat-resistant gloves and safety glasses with side shields before removing the device from the sand.
- 5) **Clean the Area:** First wipe the affected area with water, then use an ESD-safe cleaning solution to ensure safety.
- 6) **Proper Disposal:** Dispose of the damaged battery or device and any debris in accordance with local environmental laws and guidelines.

6 Factory Reset



Caution: Factory reset will format the device to restore the device to its factory default settings.

This will erase all user data including but not limited to files and downloaded apps in the device. Before performing factory reset, remember to back up all important data stored in the device. TCL is not responsible for the loss of data stored in the device.

6.1 Remove Google account before doing factory reset

If you need to setup the device with another Google account at the initial setup after factory reset, Google account need to be removed before doing the factory reset, otherwise it will require you to login the previous signed-in Google account. You can follow the below steps to remove the Google account from the device.

Launch Settings app -> Accounts -> tap on the google account-> Remove account -> tap on REMOVE ACCOUNT.

6.2 Factory Reset

You can follow the below steps to perform factory reset if the phone can be powered on.

Go to main menu -> "Settings"-> "System"-> "Reset options"-> "Erase all data (factory reset)"->Touch "Erase all data" in the open window -> "Erase all data".

7 Software Update

It is suggested to upgrade the handset software to latest version for better performance.


Before upgrade, please remember to back up the data and keep the phone fully charged.

7.1 Software update by FOTA

Firmware-Over-The-Air ("FOTA") is a way in which the firmware of a mobile device is updated wirelessly by the device's manufacturer. Firmware runs in the background without any input from the user, to make sure that the device's hardware runs properly.

Launch the device's "Settings" app and tap on "System" -> "System Update" -> "CHECK FOR UPDATES".

7.2 Software update by Mobile Upgrade tool

- 1) On the computer, download the corresponding Mobile Upgrade tool from TCL website <https://www.tcl.com/mobile-support> -> choose your product on the page -> click on Download under the corresponding Software tag.
- 2) Read and agree to the terms and conditions, and follow the on-screen instructions to install the tool on the computer.
- 3) Restart the computer after the tool installation.
- 4) Launch the tool and select the device model in the dropdown list.
- 5) Read the on-screen instructions and precautions to click through "Start" -> "Next" -> "Yes".
- 6) Power off the device and connect it to computer via USB cable
- 7) The software update will start.
- 8) Click "OK" and disconnect the device from USB cable when the tool pops up the prompt "Please disconnect your device from the USB cable to proceed".
- 9) Click "Upgrade device" and connect your powered off device to computer, waiting for upgrade.
 Caution: Do not disconnect the device from the computer during the upgrade process unless there is pop up message from the tool.
- 10) When upgrade is completed, it will pop up a message window saying "Elapsed time: XX:XX:XX. Thanks for using Mobile Upgrade tool. Your device has been successfully upgraded."

8 Function Test with MMI

- 1) Go to "Settings" -> "Wi-Fi" -> "Wi-Fi preferences", touch the "Device Wi-Fi MAC address" no less

Rev.: 1.0	TCL TAB 10L LTE Gen 4_8183A2 Service Manual V1.0	Page: 8/33
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than 8 times, a password window will pop up to enter the password. Type “8257253” and click “OK” to enter MMI test mode.

- 2) Select “MANU” to do the MMI test manually.
- 3) For instructions of general test item, please refer to < MMI_Test Guide>.
- 4) Follow the on-screen instruction and procedures to finish all test items.

< MMI_Test Guide>

Basic tool preparation:

Headset, data cable and original charger that come in the box, SIM-eject Pin, SD card and magnet.

MMI test items:

- **Bluetooth test:** it will search for bluetooth singals around you and display searched result on the screen if it function well, “Pass” button will be available.
- **WIFI 2.4G test:** it will search for WIFI hospot (2.4G) around you and display searched result on the screen if it function well, “Pass” button will be available.
- **WIFI 5G test:** it will search for WIFI hospot (5G) around you and display searched result on the screen if it function well, “Pass” button will be available.
- **Touch Panel Horizontal test:** please draw the line in the yellow area, it will automatic judgment on the results.
- **Touch Panel Vertical test:** please draw the line in the yellow area, it will automatic judgment on the results.
- **Touch Panel Cross test:** please draw the line in the yellow area, it will automatic judgment on the results.
- **TP Lock test:** please press the power key, “Pass” button will be available if it functions well.
- **LCD RGB/ LCD Black/ LCD Grey/ LCD GrayLevel/ LCD White tests:** you can check the LCD three primary colors, RED, GREEN, BLUE are clearly visible/ the whole screen is black/ the whole screen is grey/ screen show a distinct grayscale transition displayed from black to white/ the whole screen is white. LCD display should no spots, lines, light leakage, dead pixel.

The test result button "PASS" or "FAIL" will not be displayed on the screen, but the button exists at the bottom of the screen, with "PASS" on the left and "FAIL" on the right. Please click it according to the test result.

- **Keyboard test:** please press “volume up” key, “volume down” key and “power” key , “Pass” button

Rev.: 1.0	TCL TAB 10L LTE Gen 4_8183A2 Service Manual V1.0	Page: 9/33
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will be available if all the keys are function well.

- **LCD Backlight test:** LCD backlight will flash if it function well. If it's long bright or long dark, without bright and dark alternate, should be judged as bad.

Front Camera test: Fixed focal. A preview screen, it should be clear photo, no mirror dust if it functions well.

- **Main Camera test:** Auto focal. A preview screen, it should be clear photo, no mirror dust if it functions well.
- **Camera OTP test:** information check item, touch "Pass" if all of the camera items are "OK".
- **Hall test:**

There is a Hall sensor, please put a [*magnet](#) in the red box area as below picture, then it will response "HALL 1/2 CLOSE: OK; HALL1/2 OPEN: OK" if it functions well.

The magnet recommendation: N35, 10.5-11.5kOe.



"Pass" option will be available if hall sensors function well.

- **Main Speaker-2 test:** you will hear a voice prompt which introduces a emergency call number and a number from device speaker if it functions well, check whether there is some noise or the voice is low. And Select the number form 0 to 5 which you hear at the end of the voice. "Pass" button will be available if you select the right number.
- **Main Mic Record test:** make a noise near the MIC(near the power key), you will hear it from the Speaker if it functions well.
- **USB 2.0 test:** connect the device with PC by USB cable,then disconnect the USB port from device and insert it with the another USB side,"Pass" button will be available if it functions well.
- **Charger test:** connect the device with original TCL charger that came from the box, wait for a

moment until the current raise to range 2500mA to 4500mA, disconnect the USB port from device and insert it with the another USB side, wait for a moment until the current raise to range 2500mA to 4500mA. "Pass" button will be available if it functions well.

- **Memory card test**: insert SD card and the device will detect it if it functions well.
- **SIM card test**: insert SIM card and the device will detect it if it functions well.
- **Headset-2 test**: insert a headset to the device,
 - a) you will hear a voice prompt which intruduces a emergency call number through the headset left, check whether there is some noise or the voice is low. And select the number form 0 to 5 which you hear at the end of the voice. "Pass" button will be available if you select the right number.
 - b) you will hear a voice prompt which intruduces a emergency call number through the headset right, check whether there is some noise or the voice is low. And select the number form 0 to 5 which you hear at the end of the voice. "Pass" button will be available if you select the right number.
 - c) make a noise near the headset MIC, you will hear it from the headset if it functions well.
- **FM test**: insert a headset to the device, you will hear FM playing through the headset if it functions well.
- **G-Sensor test**: put the device according to the on-screen instruction (towards up, towards left, towards right, towards down, face down, face up), then the instrucion will disappear if it functions well.
- **Light Sensor test**: please cover the light sensor (near the front camera) with you hands to test it. It will display the value of ambient light and "dark/bright OK" if it functions well.
- **Proximity Sensor test**: please cover the proximity sensor (near the front camera) with you hands to test it. The value beside "near/far" will be changed when you cover and uncover the light sensor if it functions well.
- **Battery Temperature test**: you can see some information for battery, such as temperature, voltage etc.
- **GPS test**: it will run GPS and search for satellite, and then it will display the satellites's number, PRN and SNR if it function well, "Pass" button will be available.

Note: it's better to do this test in an open place.

EXIT: touch to exit the MMI test.

9 Basic Troubleshooting

You can use our troubleshooting on TCL official website as reference for some frequently met issues.

- ① Visit <https://www.tcl.com/mobile-support>
- ② Scroll down to “Troubleshooting” section and click on “View more”
- ③ Select the type of product and follow the step-by-step checking questions and options.

Notice: If the previously described options do not help, you can contact our hotline or repair center to get more professional technical assistance. Find the hotline or repair center information from the TCL website.

10 Contact of TCL hotline and service centers

If you are looking for official professional repair from TCL, please visit [HOTLINE](#) & [SERVICE CENTERS](#) to search for the contact in your country/region.

Rev.: 1.0	TCL TAB 10L LTE Gen 4_8183A2 Service Manual V1.0	Page: 12/33
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11 Disassembly and reassembly

11.1 Basic tools



Wear proper protective equipment for your safety when repairing devices. In the disassembly and assembly steps, additional tools may be required. Refer to specific steps for details.

Tool/ Equipment	Description	Example Image
Safety glasses with side shields	Prevents accidents during repair (protective equipment)	
Cut-resistant Gloves	Prevents accidents during repair (protective equipment)	
Safety Mask	Prevents accidents during repair (protective equipment)	
ESD wrist strap	Mitigate the risk of ESD event (recommended)	
ESD Safe Mat	Mitigate the risk of ESD event (recommended)	
SIM-eject Pin	To eject SIM tray	
Plastic Plectrum	To disassemble back cover and other parts	

<p>Anti ESD Tweezers</p>	<p>To disconnect connectors, cables, and other parts. Notice: Use tweezers made of plastic or rubber material when parts may be easy to be damaged by sharp tool.</p>	
<p>Cross-head Screwdriver</p>	<p>To remove cross-head screws. Size: PH0</p>	
<p>Hot air gun</p>	<p>To heat the display assembly edges. To remove surface mounted components such as microphone</p>	
<p>Heating platform</p>	<p>To heat the Furnished Middle Casing to remove the battery. Temperature Range: 60-120°C at least</p>	
<p>Suction cup</p>	<p>To separate the display assembly.</p>	
<p>Plastic Scraper</p>	<p>To remove the battery.</p>	
<p>Solder iron</p>	<p>To remove the speaker box. Temperature Range: 90-480°C at least</p>	

11.2 Disassembly for replacement

Before disassembling:

Always perform the following steps before starting a repair:

- 1) Back up the device's data.
- 2) Discharge the battery fully.
- 3) Turn off the device.
- 4) Disconnect all cables.
- 5) Remove all cases and covers.
- 6) Clear and clean your workspace.
- 7) Put on an ESD wrist strap and attach it to a properly grounded ESD mat.
- 8) The product's composition may vary depending on the country, region, or carrier.

For all cases of broken glass

Please refer to "[4 Broken Glass Safety](#)" first.

To prevent broken glass scattering, attach an acrylic protective cover to the screen.

Screen glass cannot be separated alone from the screen module. If the glass is broken, the whole screen module must be replaced.

If you are having difficulty doing the repair, take the device to TCL authorized repair center for help.

SIM Tray and Memory Card Tray

To pop remove the SIM tray, insert a SIM-eject pin into the hole beside the tray. Push in towards the device, but don't force it.



Display Assembly

Remove [SIM Tray and Memory Card Tray](#) before you begin.

Rev.: 1.0	TCL TAB 10L LTE Gen 4_8183A2 Service Manual V1.0	Page: 15/33
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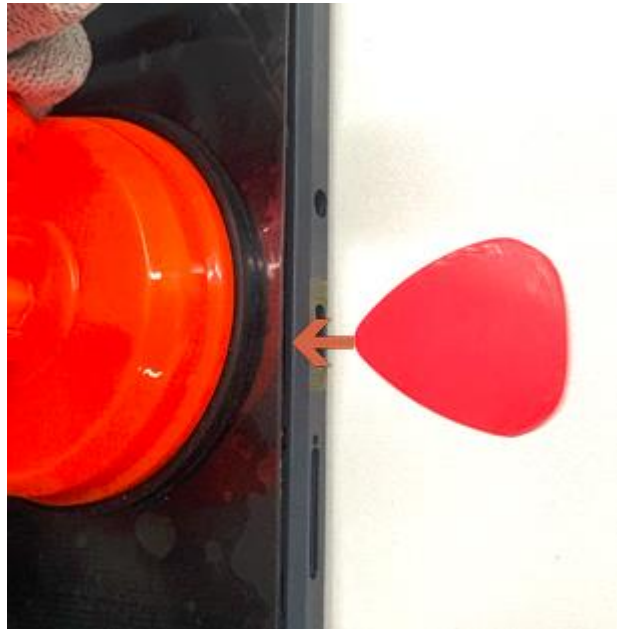
Heating with a heat gun in the position shown.

Heating temperature: 75 °C

heating time: 5- 8 minutes

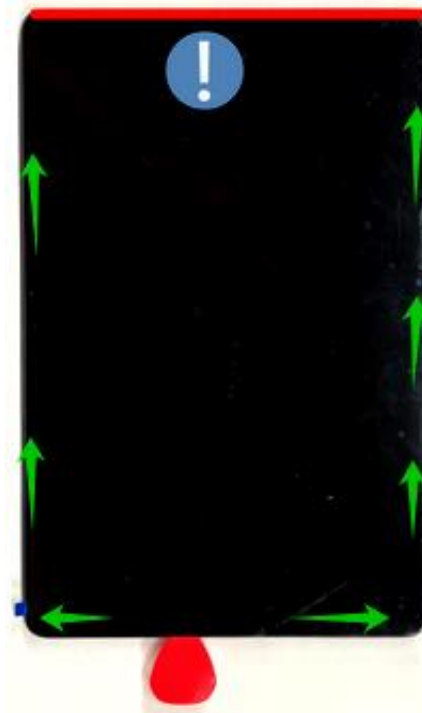


Pull up on the suction cup at USB side to separate the LCD + Touch Panel from enclosure. Insert a Plastic Plectrum in the gap between the LCD + Touch Panel and Furnished Middle Casing.



Slide the plastic plectrum along the edge of the screen according to figure's arrow direction.

! **Caution** : Be careful not to insert the plastic plectrum too deeply to avoid damage the LCD + Touch Panel at **marked** location. If you are having difficulty doing the repair, take the device to TCL authorized repair center for help.



Lift the LCD + Touch Panel off the Furnished Middle Casing from USB port side.

! **Caution** : Don't pull the LCD + Touch Panel apart completely to avoid damage the LCM FPC.



Remove cross-head screws from LCD BTB Fix STEEL.

Remove the LCD BTB Fix STEEL.



PN: BMA1421252C3

Qty:3

Torque: 0.8kgf.cm

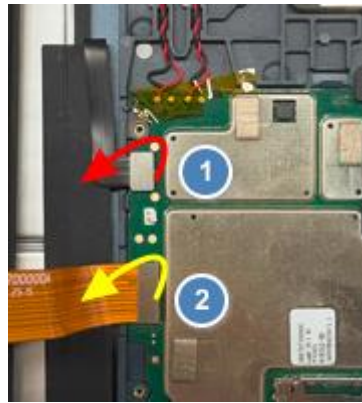


Caution: Do not mix the type of screws.



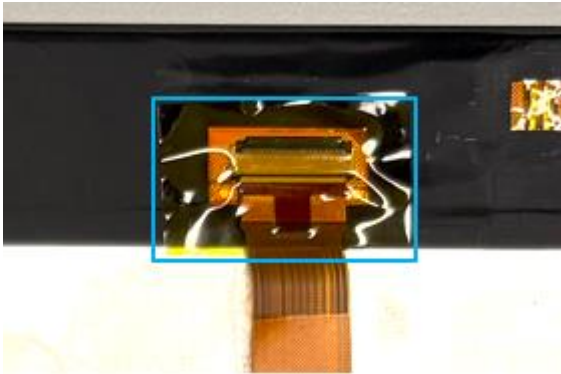
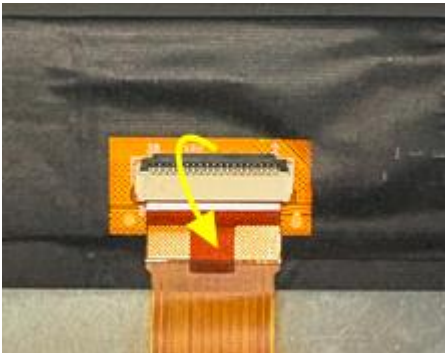
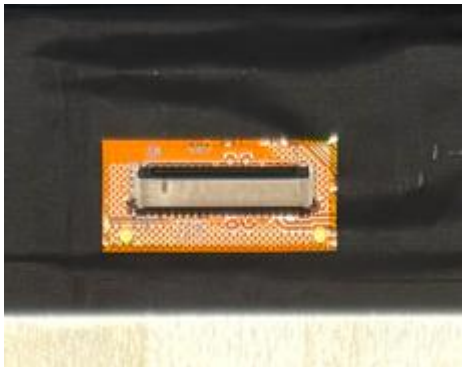
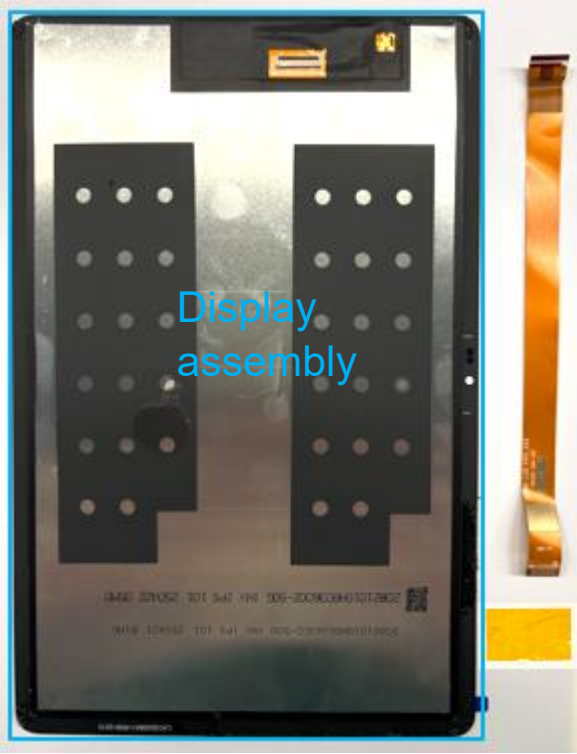
Disconnect below connectors.

- ① Battery connector (must be disconnected first)
- ② Display connector



LCD + Touch Panel removal.



<p>Remove the LCD connector Mylar.</p>		
<p>Disconnect LCM FPC connector and remove the LCM FPC.</p>		
<p>Display Assembly removal.</p>		

Battery

Remove the following parts before you begin.







[SIM Tray and Memory Card Tray](#)

Display Assembly



Warning:

please read the [5 Battery Safety](#) section first before proceeding. If you are having difficulty doing the repair, take the device to TCL authorized repair center for help.

<p>Remove the Front Cam Rubber Cover and P-Sensor Rubber Cover.</p>		
<p>Disconnect the front camera connector.</p>		
<p>Put the Furnished Middle Casing on a heater at 75°C with the battery facing up and heat for 5 minutes.</p>		

There are battery adhesives between the battery and Furnished Middle Casing. Insert the plastic scraper along the gap to separate the battery.

Red box area: battery adhesives position

Warning:

Please be careful not to press or squeeze on the battery by force. If you're having difficulty doing the repair, take your device to TCL authorized repair center for help.

Caution: Do not damage the front camera.



Warning:

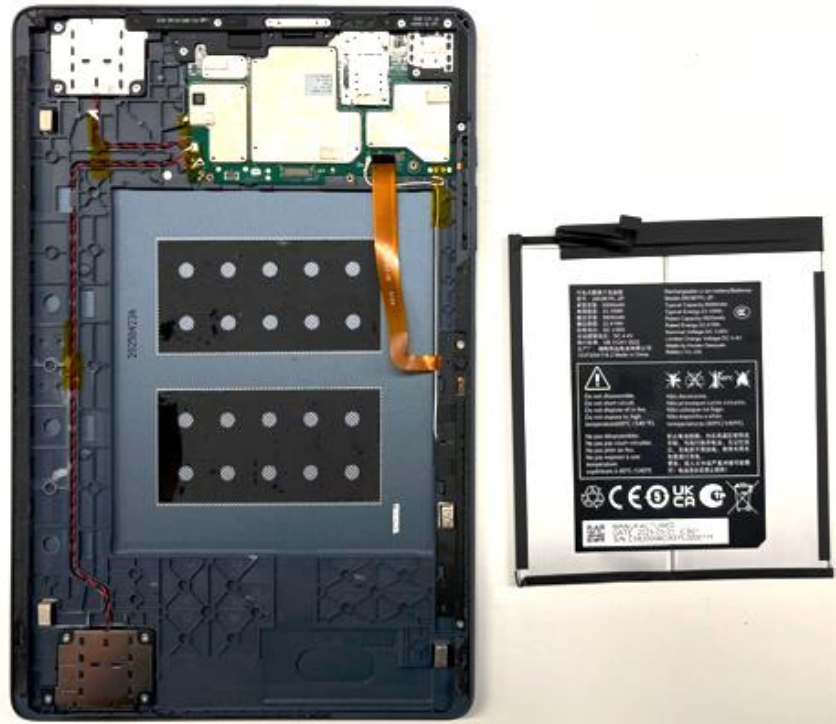
1. Please use new battery and battery adhesive for re-assembly.

Battery PN: CAC5820009C5

Battery adhesive PN:

BPA76P0003C0

2. Do not disassemble battery unless it is necessary, battery cannot be reused once it is disassembly.














Cameras, Speakers, Audio Jack, Type C Connector, MIC, Keys

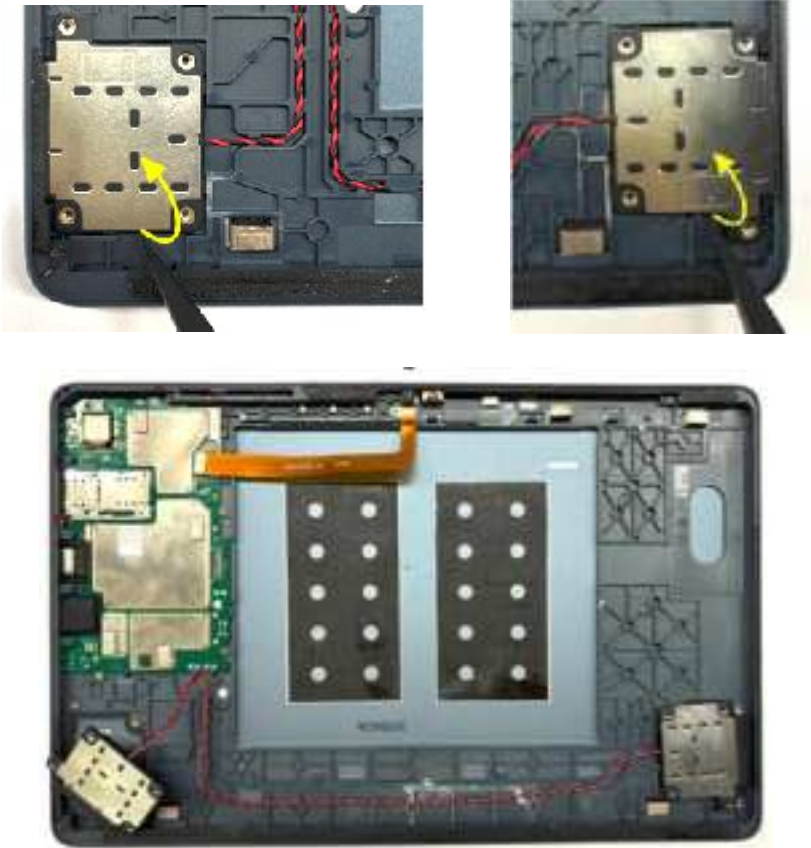


Remove the following parts before you begin.

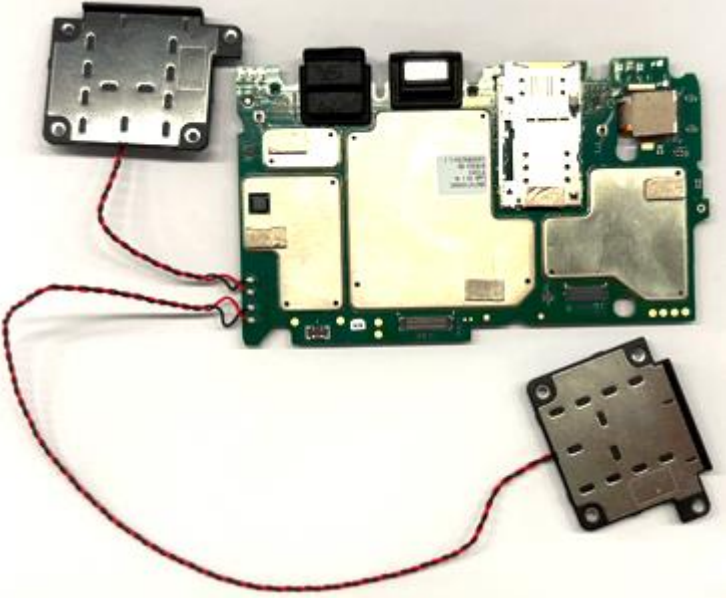
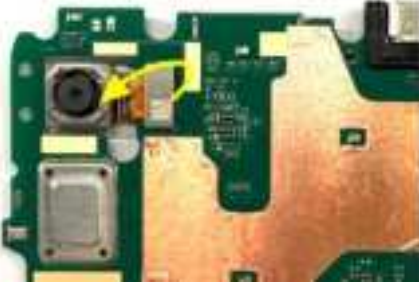



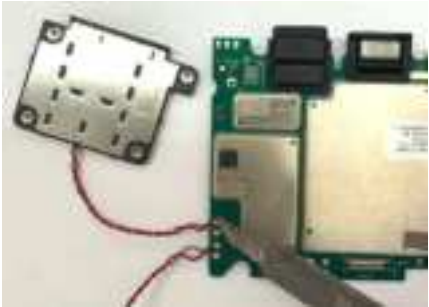

SIM Tray and Memory Card Tray

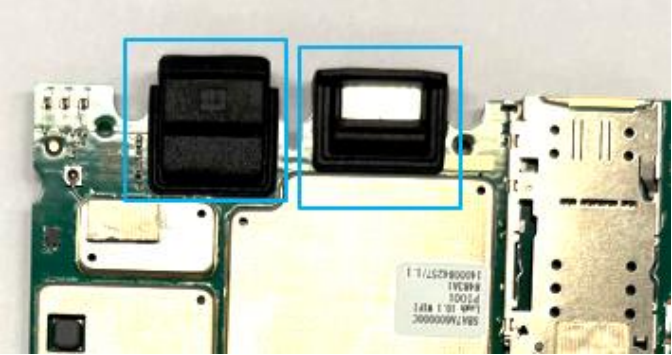
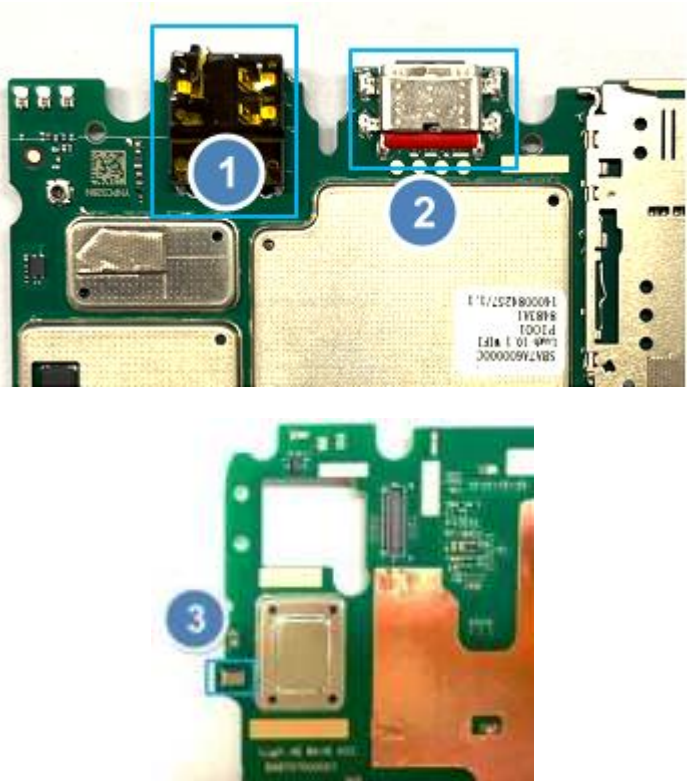
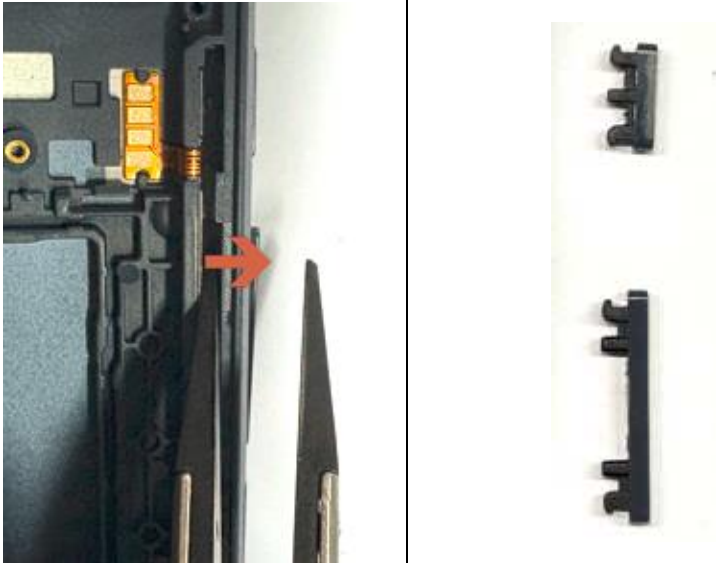
Display Assembly

<p>Remove cross-head screws.</p> <p>! Caution: Do not mix the type of screws.</p>		 <p>PN: BMA1421252C3 Quantity: 2 Torque: 0.8kgf.cm</p>
<p>Remove the 4 pcs ZIF-Cont Mylar.</p>		
<p>Remove the DIV Ant Bracket Asm. Disconnect the cable.</p> <p>! Pay attention to the buckles position.</p>		

		
<p>Remove the Main Ant Bracket Asm.</p>	 	
<p>Remove cross-head screws from speak box.</p> <p>! Caution: Do not mix the type of screws.</p>		 <p>PN: BMA1421252C3 Quantity: 8 Torque: 0.8kgf.cm</p>

<p>Separate the 2 Speaker BOX and cables from Furnished Middle Casing.</p>	
<p>Remove PCBA (with speaker box) from Furnished middle casing.</p> <p> Caution: Avoid using sharp tweezers. Be careful not to damage the flexible cables and FPCs.</p>	

<p>PCBA (with speaker box) removal completed.</p>		
<p>Remove the Camera.</p>		
<p>Remove the front camera.</p>		
<p>Remove the Speaker BOX - R and Speaker BOX-left with a Solder iron.</p>		

<p>Remove the Earphone Seal Rubber and USB Seal Rubber.</p>		
<p>Use hot air gun to remove components.</p> <ul style="list-style-type: none"> ① Audio Jack ② Type C Connector ③ MIC 		
<p>Remove the Volume key and power key.</p>		

11.3 Reassembly process.

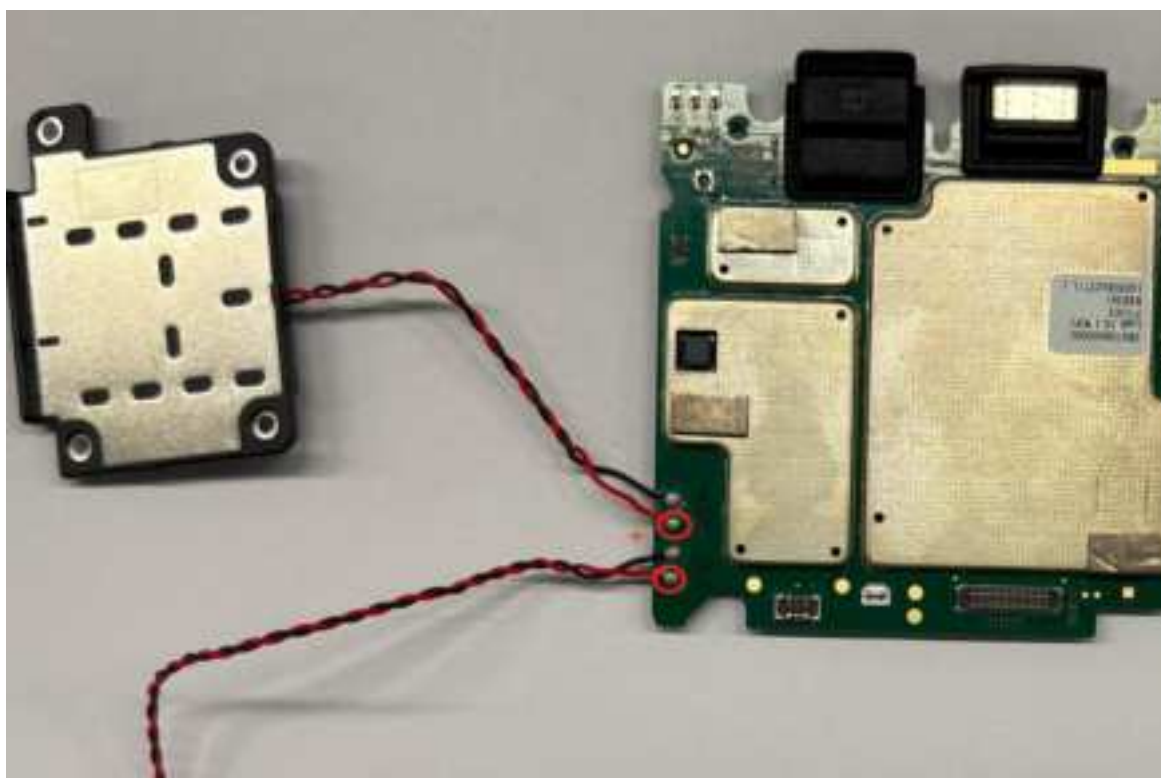
To reassemble the device, follow above disassembly instructions in reverse order.

There are some important notes listed below for some steps.

- 1) Double-side sponge tape, all types of adhesive on battery or battery cover must be replaced with new ones once it is disassembled.

Conductive tapes and copper tapes are selectively replaced, depend on breakage, stickiness conditions.

- 2) Pay attention to the direction of Speaker BOX -R and Speaker BOX-left. Pay attention to the “+” & “-” polarities when assembling.



- 3) There are two kinds of screws, please pay attention to the position and torque. The screws can be reused.

- 4) For battery re-assembly, please follow below steps carefully.



Warning:

Please read the [5 Battery Safety](#) section first before proceeding. If you are having difficulty doing the repair, take the device to TCL authorized repair center for help.

① Clean the remaining battery adhesive thoroughly.




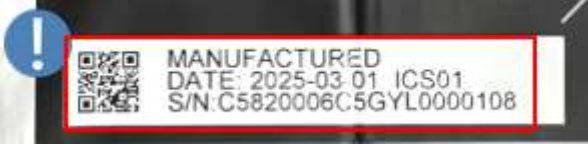
② Stick the new battery adhesive onto the Furnished middle casing according to the positioning line. Ensure it is firmly attached.

Align new battery into the Furnished middle casing accordingly. Ensure it is firmly attached.

! **Warning:**

Don't leave any abnormal objects (i.e. debris, loose screws, extra screws, etc.) inside the device before re-assembling.



<p>③ Assemble other components, connect the battery connect back on to the PCBA.</p>	
<p>④ Scan the new battery QR code when finishing new battery replacement.</p>	<p>Go to “Settings”-> “Wi-Fi”->”Wi-Fi preferences”, touch the “Device Wi-Fi MAC address” no less than 8 times, a password window will pop up to enter “6273”. Scan the QR code on battery(you can use another device to take the QR code photo first), click “Save” when finishing reading and identifying the QR code.</p> <p>Note: you can also manually input the battery S/N number; touch “back” button on the scan interface, input the battery S/N number and touch “Save”</p>  <p>QR code position on battery example.</p>
<p>⑤ Connect the tablet to network, and then go to “Settings”-> “Smart Manger”-> “Battery”-> “Battery health”-> check the “Manufacture date”, to confirm whether the new battery information save successfully.</p>	

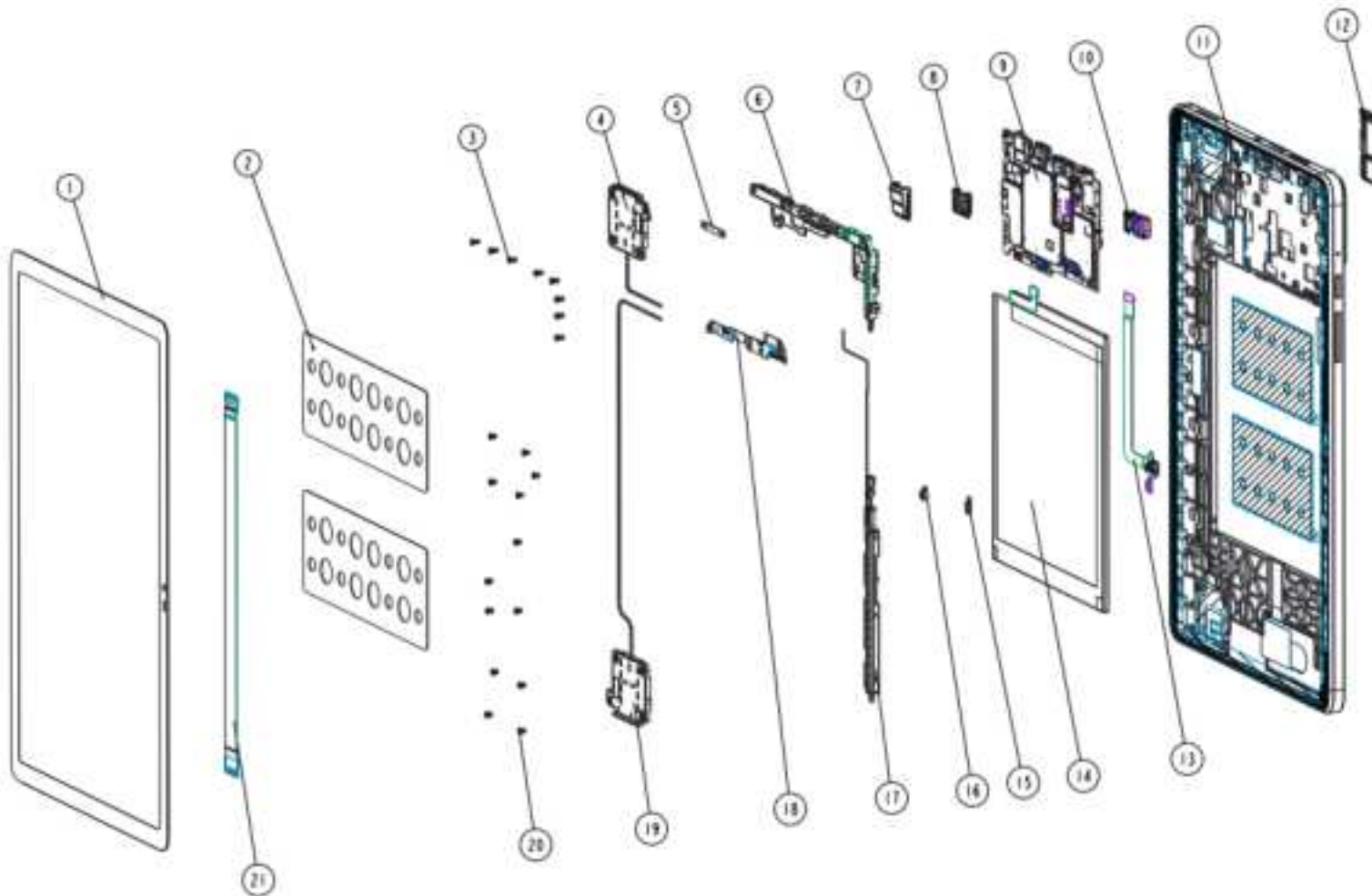
5) Don't leave any abnormal objects (i.e. debris, loose screws, extra screws, etc.) inside the device before re-assembling.

6) Please use the TP press adapter and press platform for pressing the TP.



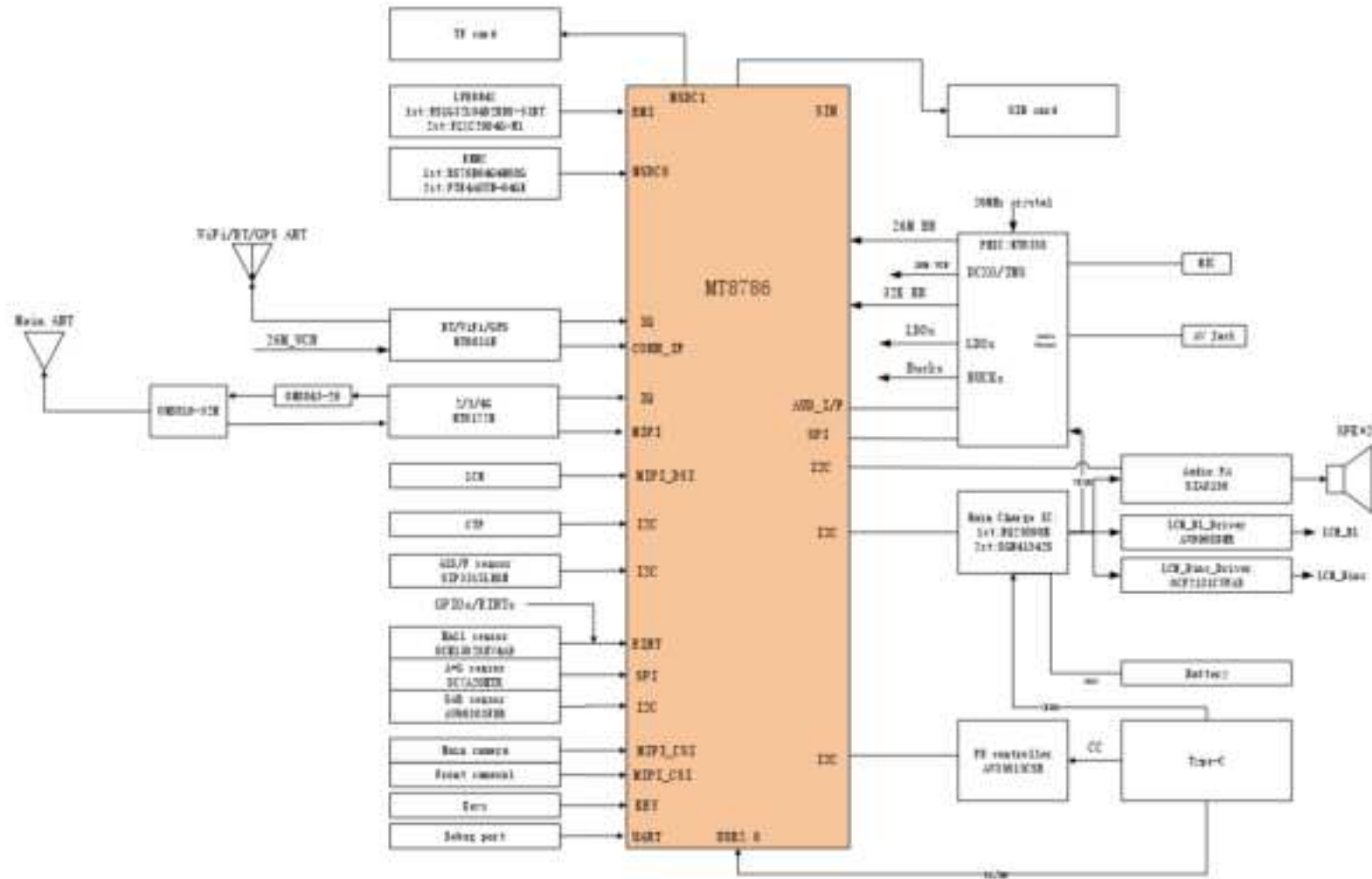
(KGF= 80.4N; Time=15s)

12 Explode View



1	LCD + Touch Panel
2	LCD buffer foam
3	Screw
4	Speaker BOX-left
5	USB Fix STEEL
6	Main Ant Bracket Asm
7	Earphone Seal Rubber
8	USB Seal Rubber
9	Main PCBA
10	Camera
11	Furnished Middle Casing
12	SIM tray
13	Front Camera
14	LI-Polymer Battery
15	P-Sensor Rubber Cover
16	Front Cam Rubber Cover
17	DIV Ant Bracket Asm
18	LCD BTB Fix STEEL
19	Speaker BOX -R
20	Screw
21	LCM FPC

13 Electric Diagram Block



-END OF DOCUMENT-

Rev.: 1.0	TCL TAB 10L LTE Gen 4_8183A2 Service Manual V1.0	Page: 33/33
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