

Repair Manual

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Notes

All functions, features, specifications and other device information provided in this document, including but not limited to the device's advantages, design, price, components, performance, availability and functionality, are subject to subsequent changes without further notice. Xiaomi reserves the right to modify this document or the device described herein at any time without obligation to provide notice of such changes.

Repair Precautions

Xiaomi is not responsible for any damage or defects caused by repairs by unauthorized service providers, self-repairs, or repairs by non-professionals. Xiaomi is not responsible for damage to the device, personal injury, or other device safety issues caused by attempts to repair the device without following these repair and maintenance instructions.

Damage or defects caused by attempts to repair the device by anyone other than a Xiaomi-certified service provider are not covered by the warranty.

- Because most electronic components are sensitive to electromagnetic forces, use a demagnetizing tool designed for minor electronic repairs.
- When repairing the device, use a high-quality screwdriver. Avoid damaging the screw heads with inferior screwdrivers.
- Always use OEM (Original Equipment Manufacturer) replacement parts. Using third-party replacement parts may not work properly and may cause fire or personal injury.
- Certain parts, such as sensors (laser autofocus/proximity/fingerprint sensors), rear cameras, TSP (touch screen), speakers, and other components, may require calibration to guarantee their performance after repair.
- If your device is waterproof and dustproof, its waterproof and dustproof performance is not guaranteed if it is repaired by you or other non-professional workers.
- If you need to access the device's fault data or require a more detailed diagnosis, please visit a Xiaomi Service Center.
- If you need to replace an unsold part, please visit the Xiaomi Service Center and get further guidance.
- Before repairing, be sure to back up all important data stored in the device to avoid data loss.

Instructions for Use

Before performing repairs, be sure to wear appropriate safety equipment.

Xiaomi is not responsible for any injuries that may occur as a result of not wearing appropriate safety equipment. Please read the Disassembly and Assembly Tools carefully, understand the list of tools required to assemble and disassemble the device.

- Always repair the device in a safe place.
- Before repairing the device, make sure the device is turned off.
- If the device If the device is damaged, emits smoke, or if you smell something burning, stop using the device immediately and contact Xiaomi.
- It is recommended to wear safety equipment such as glasses, gloves, and masks when repairing the device.
- When removing the back cover, be careful not to damage the device.
- Before assembly, make sure there are no screws or foreign objects around the battery.
- During assembly, check for any abnormalities before reinstalling the back cover, and be careful not to hit or damage the battery. If the battery is damaged, please go to a Xiaomi Service Center.
- Do not heat the device directly in a microwave.
- Before repairing the device, make sure the battery is fully discharged.
- You can visit (<https://spare-parts.mi.com/>) to view device information, related materials and safety information.

ESD (Electrostatic Discharge) Precautions






Electrostatic discharge is the sudden flow of electricity between two charged objects due to contact, short circuit, or dielectric breakdown. ESD can negatively affect mobile devices, especially electronic components.

- It is recommended to use ESD-safe (antistatic) equipment, such as antistatic wrist straps and gloves, and ESD-safe mats when repairing devices.
- Increase airflow in the work area to reduce the possibility of accidental electrostatic discharge, which may increase in low humidity environments (such as air-conditioned rooms).

OTA upgrade

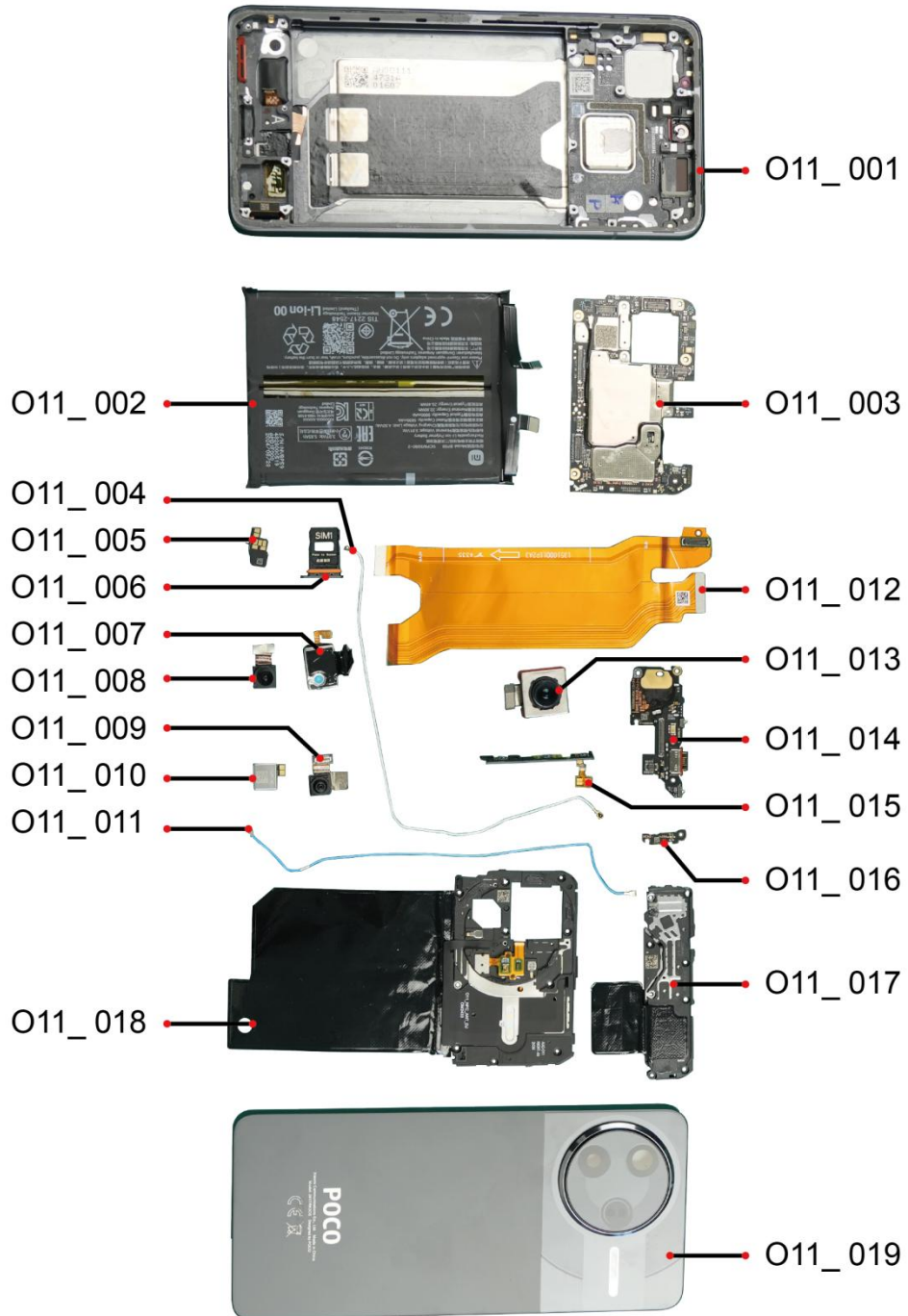
You can check system updates by clicking on the system version number in the phone settings. If the system needs to be upgraded, you can click on the details to view the update log to understand the details of the upgrade and decide whether to update the system version based on your actual situation.

Icon Description

-  **Warning:** Situations that could cause harm to yourself or others;
-  **Caution:** Situations that may cause damage to your device or other equipment;
-  **Tip:** Notes, usage tips, or other information;
-  **Customers:** If you are the customer, please refer to the precautions/operations under this icon;
-  **Professional authorized repairer:** If you are the professional authorized repairer, please refer to the precautions/operations under this icon.

Materials and List

Materials
















List

Serial number	Name
O3_001	Middle Frame Module
O3_002	Battery
O3_003	Mainboard Assy
O3_004	Coaxial Cable-White
O3_005	Light Sensor Board Assy
O3_006	SIM Card Tray
O3_007	Receiver
O3_008	Camera-Front
O3_009	Camera-Rear-Ultra Wide Angle
O3_010	Vibrator
O3_011	Coaxial Cable-Blue
O3_012	Main FPC Assy
O3_013	Camera-Rear-Main
O3_014	Sub-Board Assy
O3_015	FPC Assy-Side Key
O3_016	Antenna Board Assy
O3_017	Speaker Assy
O3_018	Mainboard Cover Assy
O3_019	Battery Cover Assy

















Tools and Materials

Tools





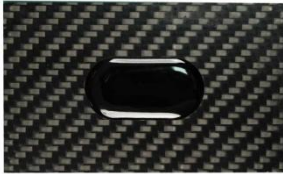




 When disassembling and assembling the phone, please be sure to wear protective equipment to prevent injury.

Tool Name	Diagram	Details	Target users
Safety Goggles		Prevent accidents during repair (protective equipment).	 
Safety Gloves (ESD safe, cut-resistant)		Prevent accidents during repair (protective equipment).	 
Safety Mask		Prevent accidents during repair (protective equipment).	 
Anti-static Wrist Strap		Prevent static electricity from damaging the device (recommended).	 








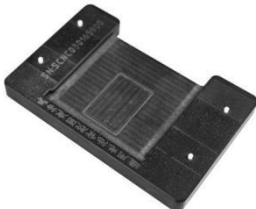



Tool Preparation

Tool Name	Diagram	Details	Target users
ESD Safe Mat		Prevent static electricity from damaging the device (recommended).	 
Ejection Pin		Used to remove the SIM Card Tray (necessary tool).	 
Phillips Screwdriver		Used to remove screws (necessary tool).	 
Plastic Pry Bar		For removing wiring harness connections and other components (necessary tool).	 
Suction Cup		Used for disassembling and assembling the back cover and screen (necessary tool);  If your display is cracked, the suction cup may not stick properly and be careful not to get cut by the broken pieces.	 








Tool Preparation

Tool Name	Diagram	Details	Target users
ESD Safe Tweezers		<p>Used for disassembly and assembly of small parts (necessary tool);</p> <p> Please do not use metal tweezers to avoid scratching the device and damaging it with static electricity.</p>	 
Plastic Pry Tool		<p>Used to remove the battery cover and other parts (necessary tool);</p> <p> Other sturdy sheets can be used instead (plastic sheets);</p> <p> Please do not use metal sheets or blades to avoid damaging the device.</p>	 


Tool Preparation




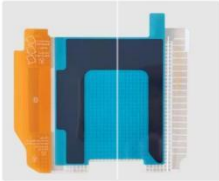





Tool Name	Diagram	Details	Target users
Heating Bag		Used to heat when removing the back cover (necessary tool);  Use the tabs as handles when heating to avoid burns.	
Micro-wave Oven		For heating the Heating Bag (necessary tool).	
Adhesive Backing Fixing Tool		Used to position the adhesive when sticking the battery cover.	
Battery Adhesive Applicator		Used to position the battery glue when sticking it.	
Battery Cover Assembly Press Device		Used when pressing the battery cover to evenly distribute the pressure on the battery cover.	

Tool Preparation

Tool Name	Diagram	Details	Target users
Heating Platform		When removing the battery cover, heat the adhesive on the battery cover to make it easier to separate the battery cover from the device.	
Crimping Tool		Used when pressing the battery cover, so that the pressure can be precisely controlled.	
Air Tightness Tester		Used to detect the air tightness of mobile phones;  If the phone is dustproof and waterproof, the air tightness of the phone needs to be tested after assembly.	

Consumables (adhesives and other materials)

-  Consumables may vary depending on the repair parts, country, region or repair provider.
The content in the table is for reference only.

Name	Diagram	Details	Target users
Battery Cover Adhesive		Used when attaching the battery cover to the device.	 
Easy Release Adhesive-Battery		Used when attaching the battery to the device.	 
Front Cover Display Module		Used when replacing the screen.	 

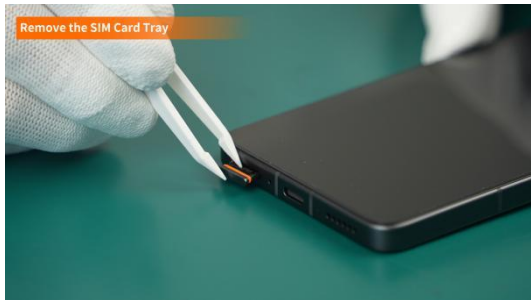
Disassembly

💡 Before disassembly

- Make sure your phone data is backed up to prevent loss of important data.
- Disconnect the device from the power source and turn it off.
- Wear an anti-static wrist strap and connect it to a grounded ESD safety mat.
- The composition of the product may vary by country, region, or repairer.

1.Remove the SIM Card Tray:


Before disassembly, please make sure that the phone data has been backed up, turn off the phone, and remove the SIM Card Tray.





📄 When removing the SIM Card Tray, it is recommended to use your hands or plastic tweezers to avoid scratching the appearance.

💡 For the assembly method of the SIM Card Tray, please refer to the subsequent assembly tutorial in the manual.


2. Heating up the Phone:

 If you are the customer, please refer to the following method:

-  • It is possible for the device or battery to be damaged by heat.
-  • Do not heat the device in a microwave. Doing so could cause an explosion.
- Follow the heating bag's instructions for heating. The recommended time for heating the bag is 50 seconds in a 1000W microwave and 70 seconds in a 700W microwave. (Correct temperature for use: 55-65 °C.)
- Be careful not to damage the device through excessive heat. (It is recommended to disassemble the device in an area with a temperature gauge.)

(1) Heat the Heating Bag in the microwave for 2-5 minutes until it reaches about 70 degrees Celsius.



 The heating time needs to be adjusted according to the power of your microwave.

(2) Take the Heating Bag out of the microwave.



 Use the label as a handle when removing the Heating Bag to avoid burns.

Disassembly and Assembly

(3) Place the phone on the Heating Bag and heat it for about 1-2 minutes.




 If you are a professional authorized repairer, please refer to the following method.

(1) Use a heating platform and wait for it to heat up to about 70 degrees Celsius.



(2) Place the phone on the heating platform and continue heating for 1-2 minutes.



 Please heat the device within the specified temperature and time, otherwise it may be damaged or affect subsequent operations.

3.Remove the battery cover:

Use a plastic pry tool to slowly separate the Battery Cover Assy from the device.

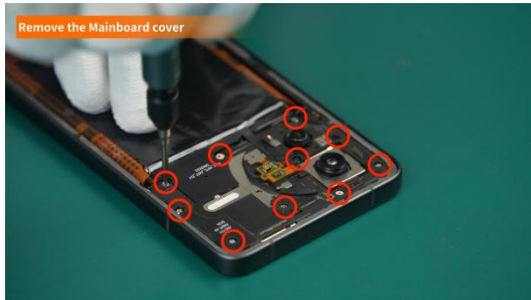



💡 Use the Plastic Pry Tool to slide along the left edge of the device to cut the glue, leaving the Plastic Pry Tool on the left edge side when finished to prevent the adhesive from resealing.

- 📄 • As the Battery Cover Assy may be damaged by excessive force, be careful not to damage the Battery Cover Assy.
- Do not insert the Plastic Pry Tool too deeply into the device as the internal circuitry may be damaged.

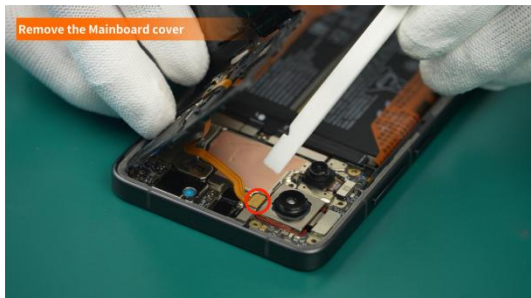
4.Remove the Mainboard cover:


(1) Use a needle screwdriver to remove the screws.



 Check the number of screws that have been removed and keep them in a safe place to ensure that no unassembled screws are left inside the device during the assembly process.

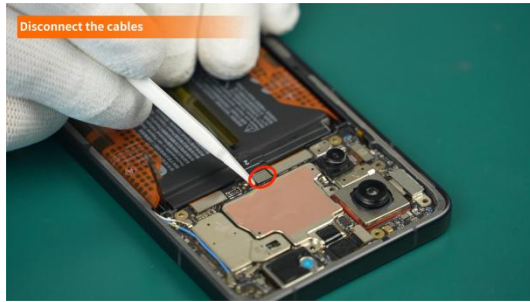
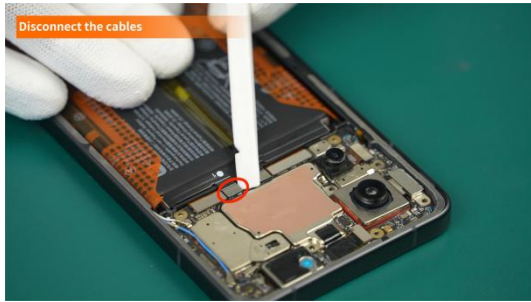
(2) Lift up the Mainboard cover. Disconnect the Mainboard Cover cable from the device, then remove the Mainboard cover.



 Pay attention to the clips around the Mainboard Cover Assy during operation. Make sure the clips are completely separated before proceeding to the next step to avoid damaging the Mainboard Cover Assy.

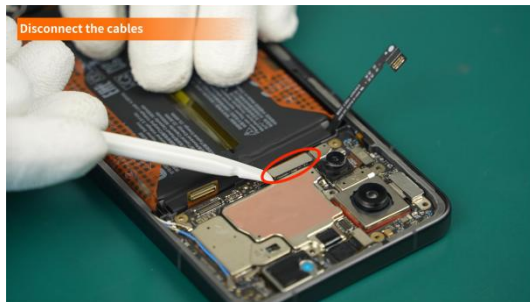
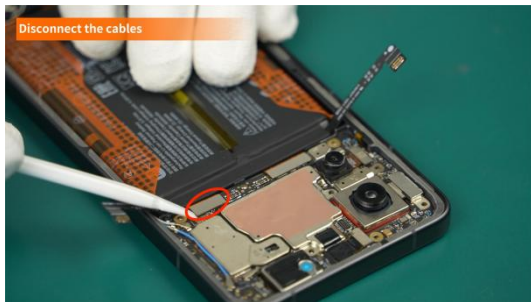
5. Disconnect the cables:

(1) Disconnect the battery cables.



- For your safety, always disconnect the battery connector first.
- Be careful not to damage the battery.

(2) Disconnect the Main FPC Assy from the Mainboard.



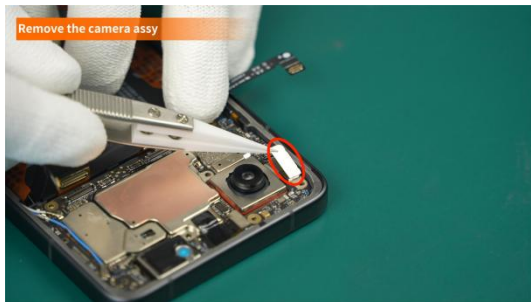
6.Remove the Camera Assy:

- (1) Disconnect the Camera-Rear-Ultra Wide Angle and remove the Camera-Rear-Ultra Wide Angle from the device.



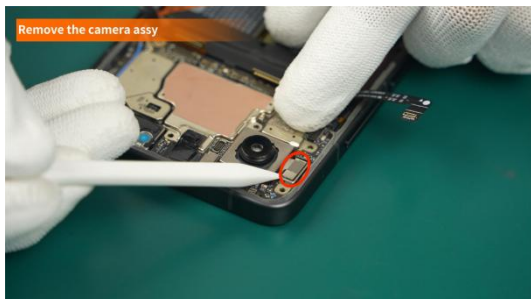
- Do not touch the camera lens directly during operation to avoid scratching the lens.
- Please be careful to avoid damaging the Conductive Cloth.

- (2) Remove the BTB Pressing Steel Sheet.



- Do not touch the camera lens directly during operation to avoid scratching the lens.

- (3) Disconnect the Camera-Rear-Main, and remove the Camera-Rear-Main from the device.



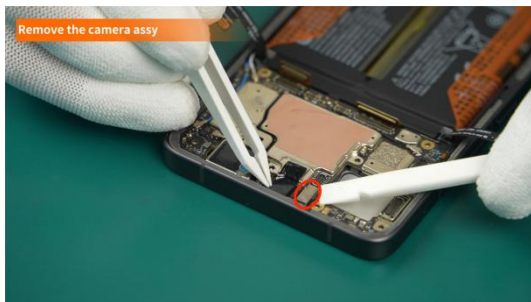
- Do not touch the camera lens directly during operation to avoid scratching the lens.

Disassembly and Assembly

(4) Tear off the Copper Foil of the Camera-Front.



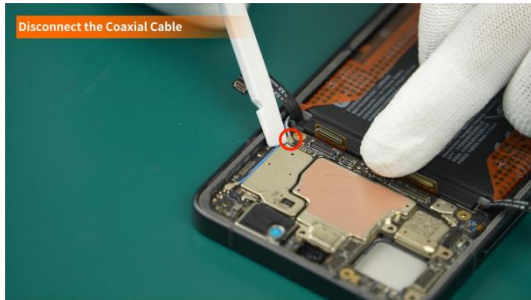
(5) Disconnect the Camera-Front and remove it from the device.



- Do not touch the camera lens directly during operation to avoid scratching the lens.
- The camera lens and sensor are very precise. Finger grease or dust will affect the image quality. Wear gloves or hold with a dust-free cloth when operating.
- If you need to clean the lens, use special lens paper or cotton swab dipped in a small amount of anhydrous alcohol to gently wipe it. Do not use paper towels or hard objects to scratch it.
- The camera is usually connected to the motherboard via an FPC cable. You need to disconnect the cable interface before disassembly:
- Use tweezers to gently lift the pressure plate before pulling out the cable. Do not pull the cable directly.
- If the cable is stuck to the Mainboard Assy, use a Plastic Pry Bar to gently lift it up to avoid breaking the cable.

7. Disconnect the Coaxial Cables:

(1) Disconnect the Coaxial Cable-White from the Mainboard.



- Be careful not to damage the wiring harness interface and surrounding components during operation.
- Do not pull the cable directly when disconnecting to avoid breaking it.
- You can use the flat side of a Plastic pry bar to gently pry up the connector.
- Please tidy up the wiring harness after disconnecting to avoid affecting subsequent operations.

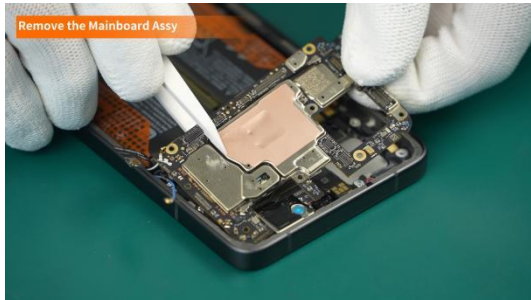
(2) Disconnect the Coaxial Cable-Blue from the Mainboard.




- Be careful not to damage the wiring harness interface and surrounding components during operation.
- Do not pull the cable directly when disconnecting to avoid breaking it.
- You can use the flat side of a Plastic pry bar to gently pry up the connector.
- Please tidy up the wiring harness after disconnecting to avoid affecting subsequent operations.


8. Remove the Mainboard Assy:

Remove the Mainboard Assy from the phone.



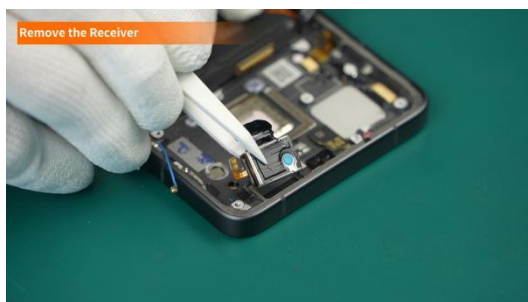
 Carefully lift the Mainboard Assy with tweezers and remove the Mainboard Assy, being careful not to damage the PBA board.


- Do not touch the Mainboard Assy directly with metal tools to avoid scratching the Mainboard Assy and static damage.
- Use moderate force when holding components with tweezers to avoid squeezing small components such as capacitors and resistors.

 For Mainboard Assy assembly methods, please refer to the subsequent assembly tutorials in the manual.

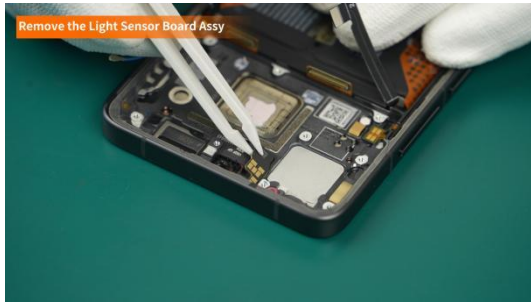
9. Remove the Receiver:

The receiver cable is attached to the device. Carefully disconnect the adhesive and remove the receiver.



 Do not use metal tweezers or other hard tools as they may scratch the device.

10.Remove the Light Sensor Board Assy:



11.Remove the FPC Assy-Side Key:

Disconnect the FPC Assy-Side Key from the device and remove it.

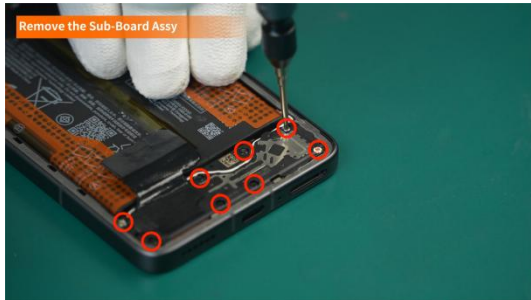


- 💡 Use ESD Safe Tweezers to cut the adhesive between the Holder-Side Key FPC and the device. Use ESD Safe Tweezers to press one side of the Holder-Side Key FPC in the slot to lift up the other side of the Holder-Side Key FPC. Then use ESD Safe Tweezers to remove the Holder-Side Key FPC.

- 📄 Do not use metal tweezers or other hard tools as they may scratch the device.

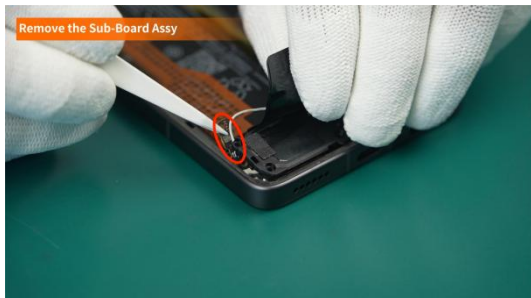
12.Remove the Sub-Board Assy:

(1) Remove the screws one by one.



Check the number of screws that have been removed and keep them in a safe place to ensure that no unassembled screws are left inside the device during the assembly process.

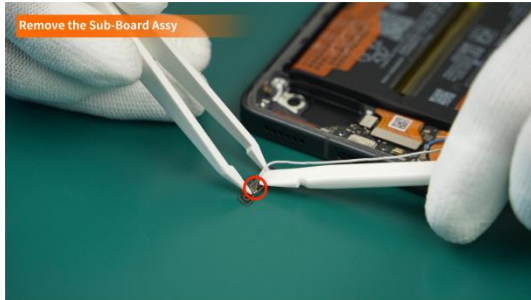
(2) Lift the Speaker Assy, remove the Antenna Board Assy below, and remove the Speaker Assy.



- Pay attention to the clips around the speaker assembly during operation. Make sure the clips are completely separated before proceeding to the next step to avoid damaging the speaker assembly.
- Use moderate force when holding components with tweezers to avoid squeezing small components such as capacitors and resistors.

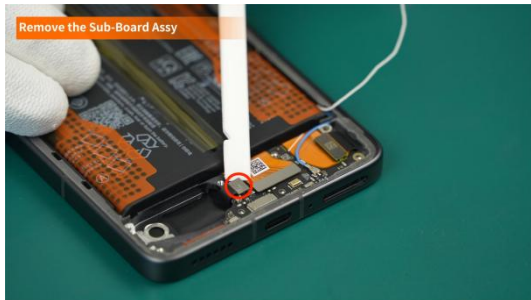
Disassembly and Assembly

- (3) Disconnect the Coaxial Cable-White from the Antenna Board Assy and remove the Antenna Board Assy.



- Use tweezers to gently lift the pressure plate before pulling out the cable. Do not pull the cable directly.
- If the cable is stuck to the motherboard, use a Plastic Pry Bar to gently lift it up to avoid breaking the cable.

- (4) Disconnect the Fingerprint Module from the Sub-Board Assy.



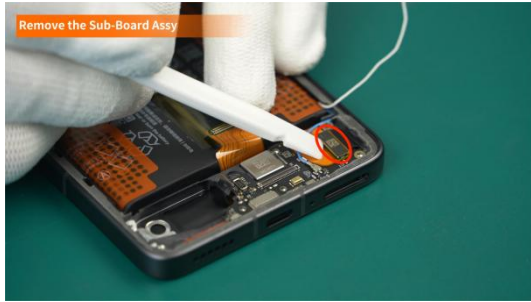
- Do not use metal tools during operation to avoid scratching the equipment.

- (5) Disconnect the Main FPC Assy.

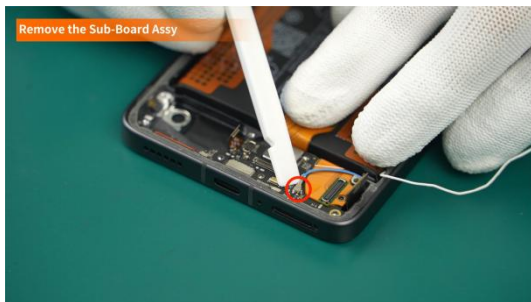


Disassembly and Assembly

(6) Disconnect the Front Cover Display Module from the Main FPC Assy.

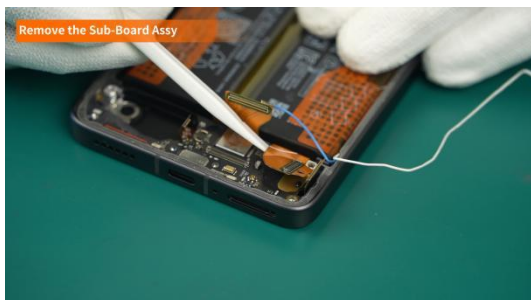


(7) Disconnect the Coaxial Cable-Blue from the Sub-Board Assy.



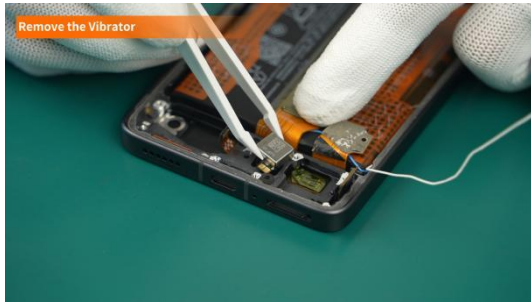
- Use tweezers to gently lift the pressure plate before pulling out the cable. Do not pull the cable directly.
- If the cable is stuck to the motherboard, use a Plastic Pry Bar to gently lift it up to avoid breaking the cable.


(8) Lift the Main FPC Assy, and then remove the Sub-Board Assy from the device.



- Pay attention to the clips around the Sub-Board Assy during operation. Make sure the clips are completely separated before proceeding to the next step to avoid damaging the Sub-Board Assy.

13.Remove the Vibrator:



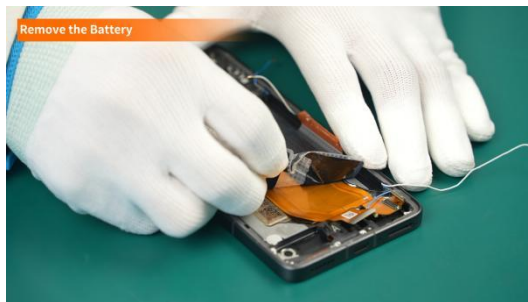
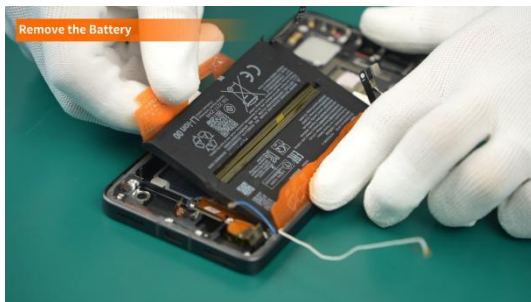
 Please do not use metal tweezers or other hard tools to avoid scratching the device.


14.Remove the Battery:


(1) Tear off the Easy Release Adhesive.



(2) Remove the Battery and tear off the remaining Easy Release Adhesive on the device.



 Be careful not to damage the battery.

 You can use special alcohol to help remove the adhesive, or use the microwave to heat the heating bags, then heat the device before removing it.

15.Remove the Main FPC Assy:



- 💡 You can use special alcohol to help remove the adhesive, or use the microwave to heat the heating bags, then heat the device before removing it.

16.Remove the Coaxial Cables:

(1) Tear off the Mylar-Coaxial Cable.



(2) Remove the Coaxial Cable-White and Coaxial Cable-Blue from the device.



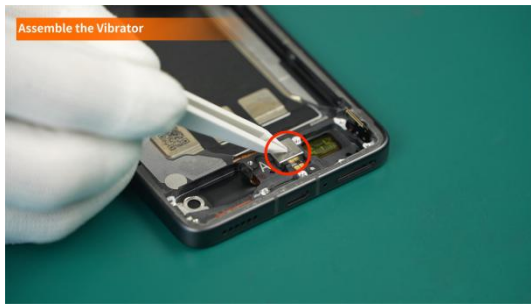
- 📌 Do not pull the interface of the Coaxial Cable to avoid breaking the interface of the Coaxial Cable.


Assembly

 Before reassembly, please confirm the following:

- Thoroughly remove any residual adhesive.
- Prepare the screws and new adhesive required for the device.
- Wear an anti-static wrist strap and connect it to a grounded ESD safe mat.
- Do not leave any unassembled screws inside the device. Leaving screws inside the device may damage internal components such as the battery. Please be extremely careful during assembly.
- The composition of the product may vary by country, region, or repairer.

1.Assemble the Vibrator:




 Do not use metal tweezers or other hard tools as they may scratch the device.

2.Assemble the Sub-Board Assy:

Place the Sub-Board Assy into the correct position and press lightly to ensure it is firmly in place.





-  Please check the components underneath when installing the Sub-Board Assy. If the components underneath are not properly installed, the Sub-Board Assy may not be properly installed.

3.Assemble the Main FPC Assy:

- (1) Place the Main FPC Assy in the correct position of the device, and press to ensure it is installed in place.




-  Please ensure that the Main FPC Assy fits flatly with the device to avoid damage to the Main FPC Assy caused by squeezing other accessories during subsequent assembly.
-  You can press the wiring harness interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.

Disassembly and Assembly


(2) Connect the Fingerprint Module to the Sub-Board Assy.




 Check whether the Fingerprint module is installed properly. If the Fingerprint module is not installed properly, it may affect subsequent installations.

(3) Connect the Main FPC Assy to the Sub-Board Assy.




 Please ensure that the Main FPC Assy fits flatly with the device to avoid damage to the Main FPC Assy caused by squeezing other accessories during subsequent assembly.

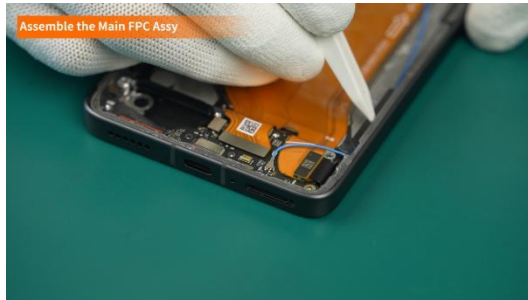
 You can press the wiring harness interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.



(4) Connect the Front Cover Display Module to the Main FPC Assy.



 You can press the wiring harness interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.

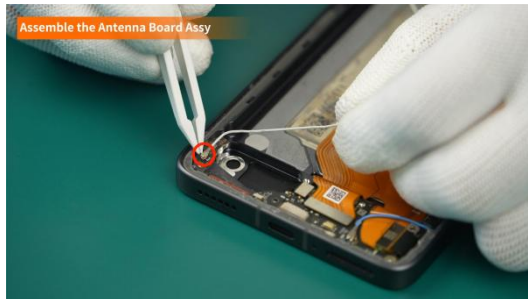
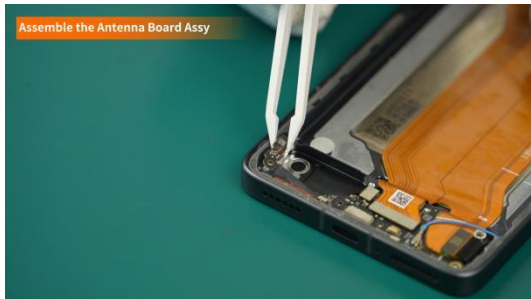
(5) Connect the Coaxial Cable-Blue to the Sub-Board Assy, and arrange it in the cable trough.



-  Be careful not to damage the wiring harness when arranging it.
-  You can press the wiring harness interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.

4.Assemble the Antenna Board Assy:

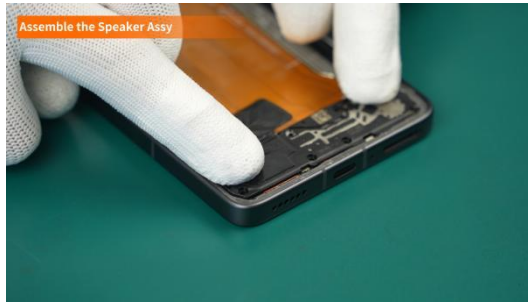
Place the Antenna Board Assy in the correct position of the device, and connect the Coaxial Cable-White to the Antenna Board Assy.




-  Please do not use metal tweezers or other hard tools to avoid scratching the device.

5. Assemble the Speaker Assy:


- (1) Place the Speaker Assy into the correct position of the device, making sure that the Coaxial Cable-White underneath is not squeezed. Press lightly to ensure that it is installed in place.



-  During assembly, carefully check the lower harness to ensure that it is installed in the wire guide and do not allow the Speaker Assy to squeeze the lower harness.

- (2) Arrange the Coaxial Cable-White and arrange it into the cable harness slot.

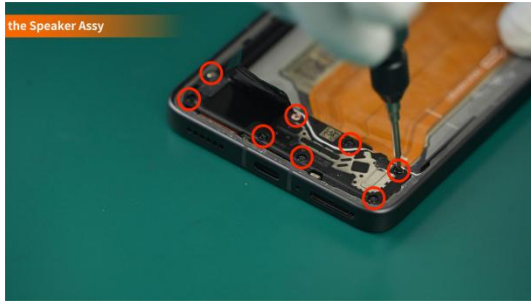



-  During assembly, carefully check the lower harness to ensure that it is installed in the wire guide and do not allow the Speaker Assy to squeeze the lower harness.

- (3) Fit the Mylar-Coaxial Cable in place.

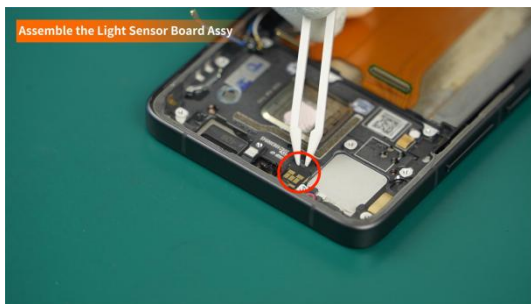




(4) Tighten the screws in sequence.



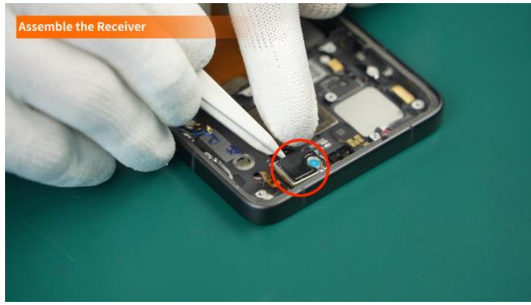
 Please make sure that all the clips are in place, otherwise it will affect the subsequent assembly. Check the number of screws installed to ensure that no unassembled screws are left inside the device during the assembly process.


6.Assemble the Light Sensor Board Assy:



-  • Do not touch the camera lens directly during operation to avoid scratching the lens.
- Do not use hard tools during operation, as this may damage the Conductive Cloth or Graphite Sheet.
-  • You can press the wiring harness interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.
- Attach the Copper Foil flatly. You can press lightly with your fingers to ensure it fits securely.

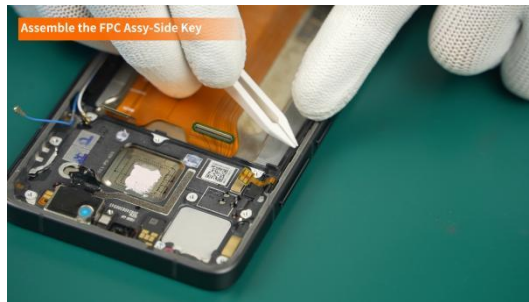
7. Assemble the Receiver:




 Please make sure that all the clips are locked into place, otherwise it will affect the subsequent assembly.

8. Assemble the FPC Assy-Side Key:

(1) Place the FPC Assy-Side Key into the correct position, and press to ensure it clicks into place.





 You can press the wiring harness interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.

Disassembly and Assembly

(2) Tidy up the wiring harness to ensure it is installed in place.





-  Be careful not to damage the wiring harness when arranging it.
-  You can press the wiring harness interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.

9.Assemble the Mainboard Assy:

Place the Mainboard Assy into the phone, and press it to ensure it is firmly installed.



-  Please ensure that the Main FPC Assy fits flatly with the device to avoid damage to the Main FPC Assy caused by squeezing other accessories during subsequent assembly.
-  You can press the wiring harness interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.

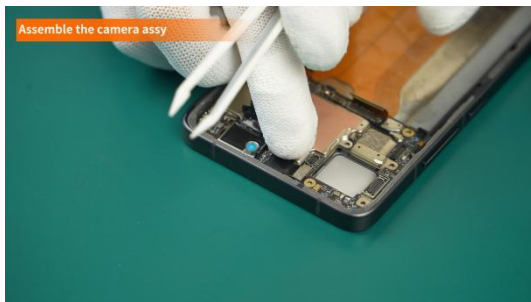
10. Assemble the Camera Assy:

- (1) Place the Camera-Front in the correct position of the device, and connect it to the Mainboard Assy.



- Do not touch the camera lens directly during operation to avoid scratching the lens.
- Do not use hard tools during operation, as this may damage the Conductive Cloth or Graphite Sheet.
- You can press the wiring harness interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.

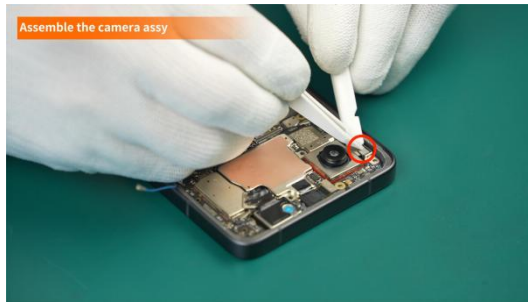
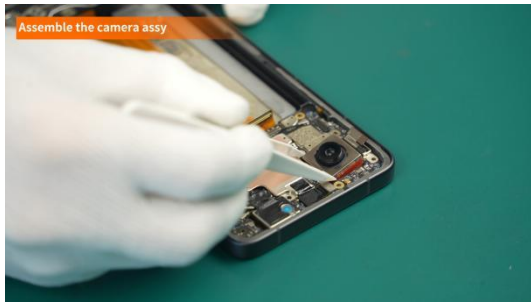
- (2) Press the Copper Foil to ensure it is in place.





- Attach the Copper Foil flatly. You can press lightly with your fingers to ensure it fits securely.

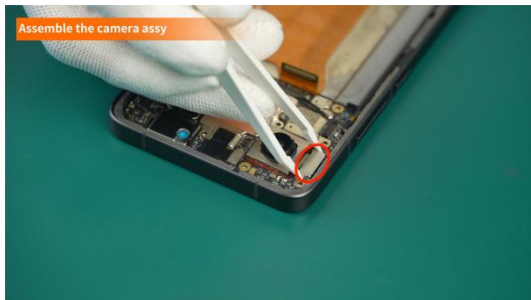
Disassembly and Assembly

- (3) Place the Camera-Rear-Main in the correct position of the device and connect it to the Mainboard Assy.

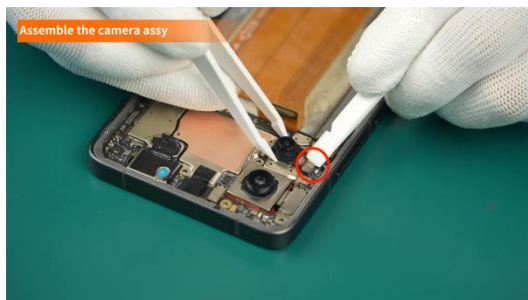
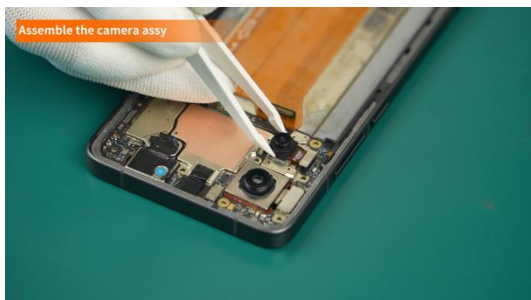




-  Do not touch the camera lens directly during operation to avoid scratching the lens.
-  You can press the wiring harness interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.

- (4) Install the BTB Pressing Steel Sheet and press it gently to ensure it is installed in place.



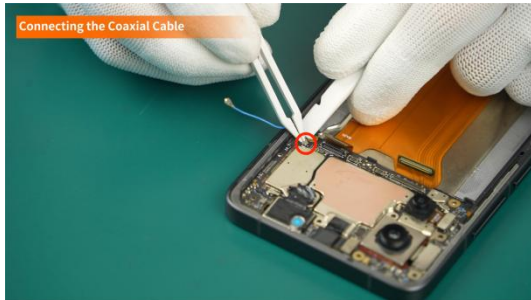
- (5) Install the Camera-Rear-Ultra Wide Angle and connect it to the Mainboard Assy.



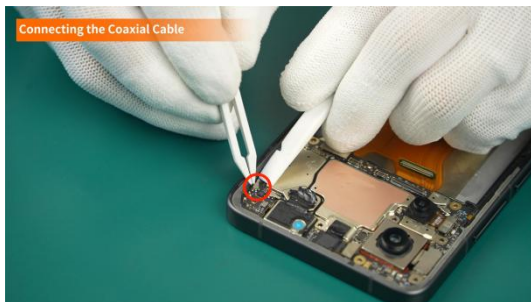
-  Do not touch the camera lens directly during operation to avoid scratching the lens.
-  You can press the wiring harness interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.



11.Connecting the Coaxial Cables:

(1) Connect the Coaxial Cable-White to the Mainboard Assy.

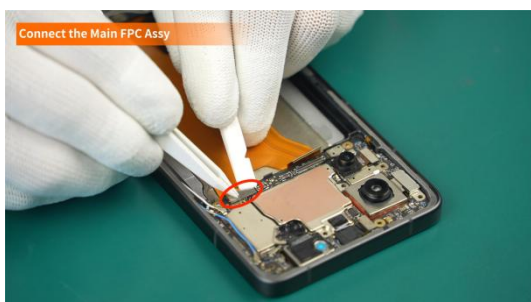




(2) Connect the Coaxial Cable-Blue to the Mainboard Assy and organize the cables.



-  Be careful not to damage the wiring harness when arranging it.
-  You can press the wiring harness interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.

12.Connect the Main FPC Assy:



-  Please ensure that the Main FPC Assy fits flatly with the device to avoid damage to the Main FPC Assy caused by squeezing other accessories during subsequent assembly.
-  You can press the wiring harness interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.

13. Assemble the Battery:

- (1) Align the positioning hole of the Easy Release Adhesive with the positioning column of the Battery adhesive applicator.



- (2) Tear off the protective film of the Easy Release Adhesive, and try to avoid touching the adhesive surface to prevent it from being contaminated and affecting the installation effect.



- (3) Align and attach the battery.



Disassembly and Assembly

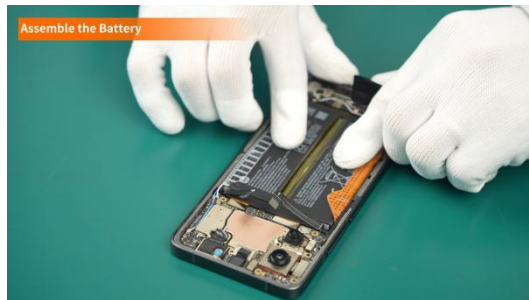
(4) Tear off the protective film on the other side of the Easy Release Adhesive.



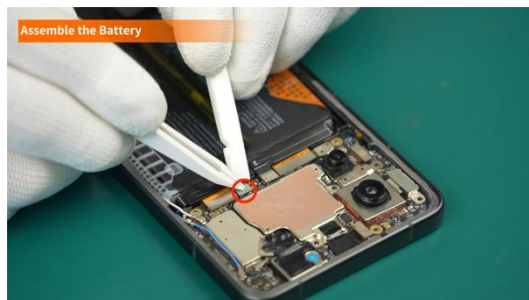
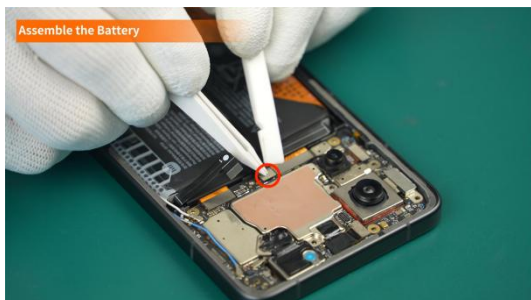
(5) Tear off the protective film on the back of the Easy Release Adhesive.



(6) Align the phone to the correct position, put the Battery in, and press lightly to ensure a firm fit.

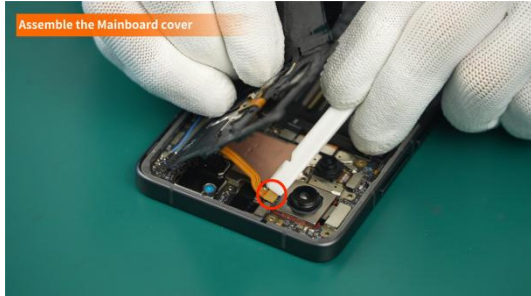



(7) Connect the Battery to the Mainboard Assy.



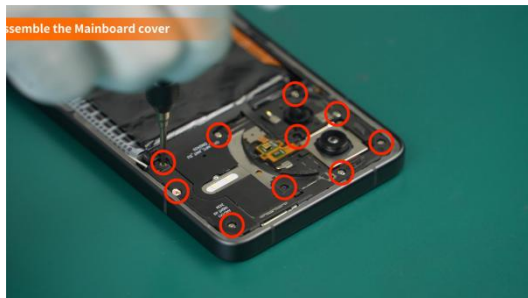
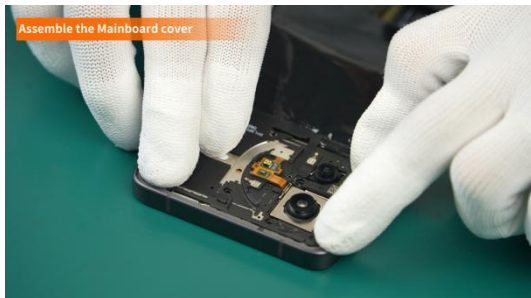
14. Assemble the Mainboard cover:


- (1) Align the Mainboard Cover with the device, and connect the cable of the Mainboard Cover to the Mainboard Assy.




-  Please make sure that all the clips are locked into place, otherwise it will affect the subsequent assembly.

- (2) Install the Mainboard Cover and press it to ensure it is installed in place, and then tighten the screws one by one.




-  Please check the number of screws installed to ensure that no unassembled screws are left inside the device.


15.Assemble the Battery Cover Assy:

 If you are the customer, please refer to the following method:

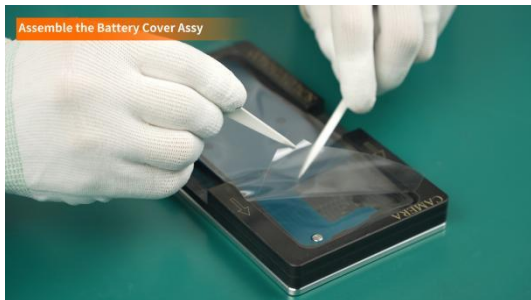
- (1) Put the Battery Cover Adhesive into the Adhesive backing fixing tool, and align it with the positioning hole.



 Please try not to touch the surface of the Adhesive-Battery cover to avoid contamination of the Adhesive-Battery cover and affect the adhesion effect.

 When assembling, tear off half of the protective film first, hold the part that has not been torn off from the protective film, align it with the device, fit it in place, then tear off the protective film completely.


- (2) Tear off the protective film of the Battery Cover Adhesive, and do not touch the adhesive surface.



Disassembly and Assembly

- (3) Put the Battery Cover Assy into the Adhesive backing fixing tool, press gently to make the Battery Cover Adhesive and the Battery Cover Assy fit together.



-  Before attaching the new Adhesive-Battery Cover, please clean the remaining Adhesive-Battery Cover.

- (4) Tear off the protective film on the other side of the Battery Cover Adhesive, align the Battery Cover Assy with the device, and press gently to install it in place.





16.Assemble the SIM Card Tray:



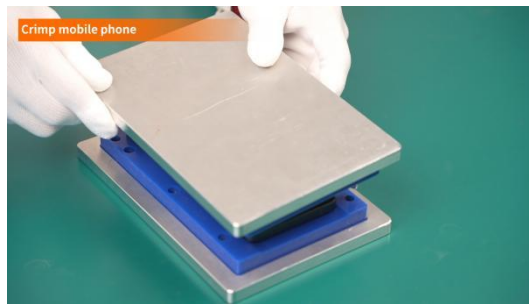
-  Please do not use hard tools to install the SIM Card Tray to avoid scratching the device.

17.Crimp mobile phone:

 If you are the customer, please press gently on a flat surface to ensure that the Battery Cover fits securely.

 Place the phone into the Battery cover assembly press device and press for 60 seconds using the Crimping tool.


(1) Place the phone into the Battery cover assembly press device.



(2) Press for 60 seconds using the Crimping tool.



18. Air tightness test:

 If you are the customer and your phone has dust and water resistance function, please contact a professional authorized repairer, otherwise the dust and water resistance function may become ineffective.

 If you are a professional authorized repairer, please refer to the following method:

(1) Stick the holes on the bottom of the phone as shown in the picture.

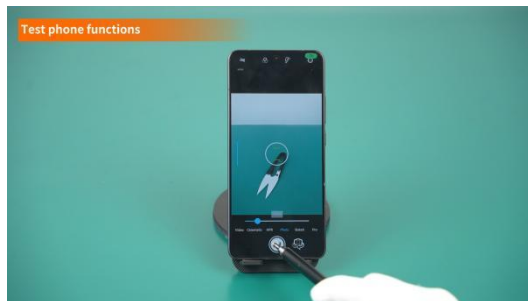
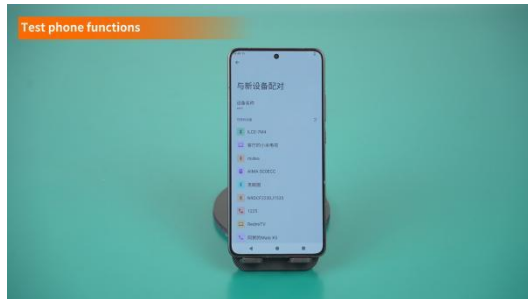
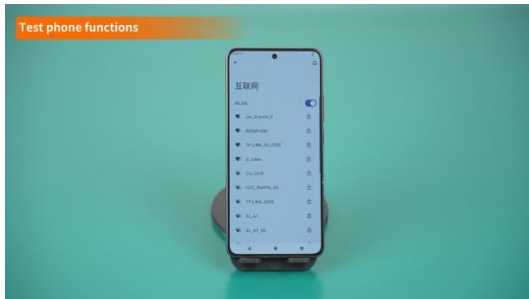


(2) Use the Air tightness tester, aim at the air tightness test hole, and perform the test. If "OK" is displayed on the screen, it means that the mobile phone has passed the test.



19. Test phone functions:

Test whether the phone's Wi-Fi, Bluetooth, sound, camera and other functions can be used normally.



Calibration and Quality Inspection

To ensure proper assembly, it is recommended to calibrate and inspect the device after assembly. If any fault occurs during repair/assembly, calibration and inspection can help locate and identify the problem quickly. Please go to a Xiaomi Authorized Service Center for further assistance. Any fault caused by repair may incur additional repair costs.

Calibration

Please refer to the link for specific calibration methods.

https://cdn.shopify.com/s/files/1/0955/8360/0979/files/Mobile_phone_basic_function_test.pdf?v=1747878433

Quality Inspection

Please refer to the link for specific inspection methods.

链接待提供

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