

xiaomi

Repair Manual

Version: P16

<https://spare-parts.mi.com/>

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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 device 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 device.

Xiaomi is not responsible for any injuries that may occur as a result of not wearing appropriate safety device. 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 device 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) device, 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

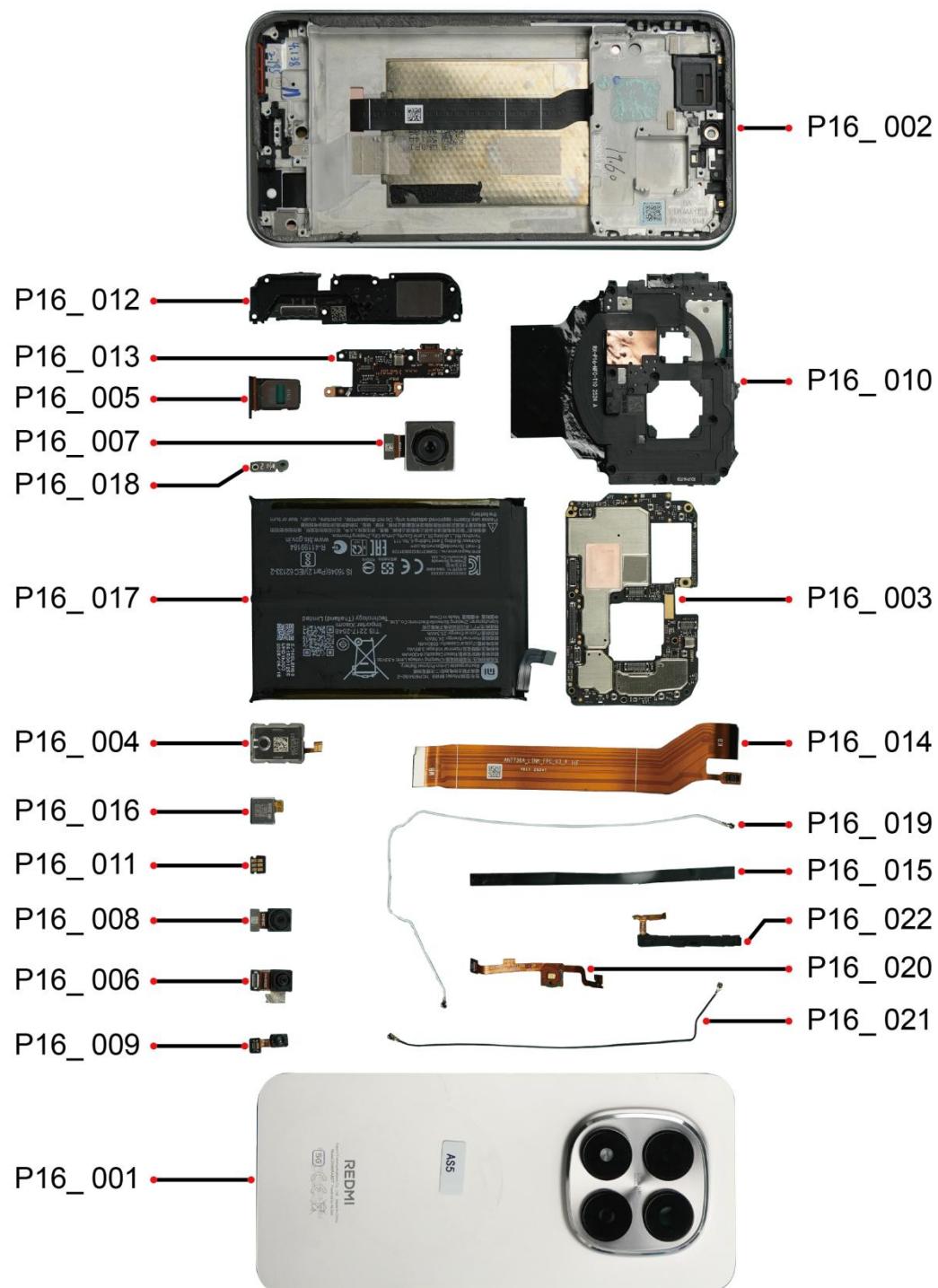
You can check system updates by clicking on the system version number in the phone settings. If the system needs to be upgraded, you can click on the details to view the update log to understand the details of the upgrade and decide whether to update the system version based on your actual situation.

Icon Description

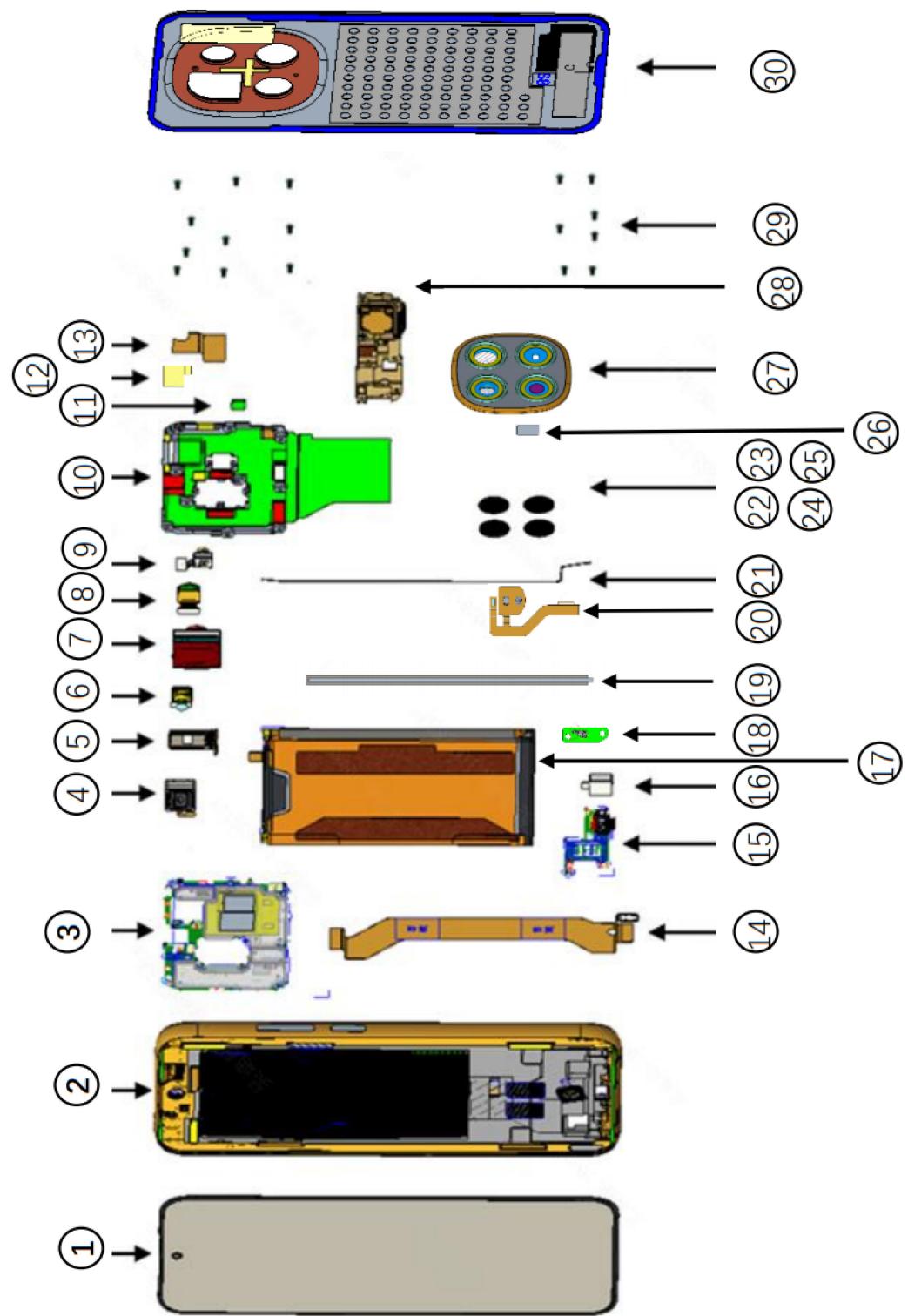
-  **Warning:** Situations that could cause harm to yourself or others;
-  **Caution:** Situations that may cause damage to your device or other device;
-  **Tip:** Notes, usage tips, or other information;
-  **Customers:** If you are the customer, please refer to the precautions/operations under this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

Materials and List

Materials



Materials and List



List

Serial number	Name
P16_001	Battery Cover Assy
P16_002	Front Cover Assy
P16_003	Mainboard Assy
P16_004	Top Speaker Assy
P16_005	SIM Card Tray
P16_006	Camera-Front-20M
P16_007	Camera-Rear-200M-Main
P16_008	Camera-Rear-Ultra Wide Angle
P16_009	Fingerprint Module
P16_010	Mainboard cover Assy
P16_011	Light Sensor Subboard
P16_012	Sub-Board cover
P16_013	Sub-Board Assy
P16_014	FPC Assy
P16_015	Mylar-Coaxial Cable
P16_016	Vibrator
P16_017	Battery
P16_018	Antenna Assy
P16_019	Coaxial Cable-White
P16_020	FPC Assy-Flash Light
P16_021	Coaxial Cable-Black
P16_022	Side Key FPC

Tools and Materials

Tools

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

Tool Name	Diagram	Details	Target users
Safety Goggles		Prevent accidents during repair (protective device).	 
Safety Gloves (ESD safe, cut-resistant)		Prevent accidents during repair (protective device).	 
Safety Mask		Prevent accidents during repair (protective device).	 
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 cable 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		<p>Used to heat when removing the back cover (necessary tool);</p> <p> Use the tabs as handles when heating to avoid burns.</p>	
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 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		<p>When removing the battery cover, heat the adhesive on the battery cover to make it easier to separate the battery cover from the device.</p>	
Crimping Tool		<p>Used when pressing the battery cover, so that the pressure can be precisely controlled.</p>	
Air Tightness Tester		<p>Used to detect the air tightness of mobile phones;</p> <p>i If the phone is dustproof and waterproof, the air tightness of the phone needs to be tested after assembly.</p>	

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		Used when attaching the battery cover to the device.	 
Adhesive			
Battery		Used when replacing the battery.	 
Front Cover		Used when replacing the screen.	 
Display Module			

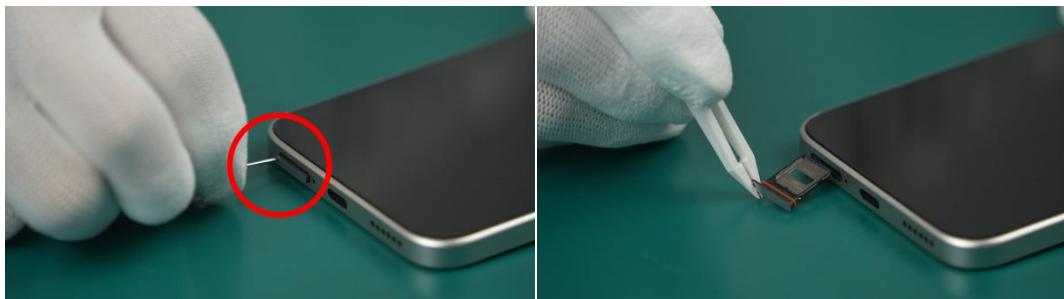
Disassembly

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:

Insert the ejection pin into the hole of the SIM card tray to loosen the tray and pull out the tray gently from the slot.



-  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 Assy:

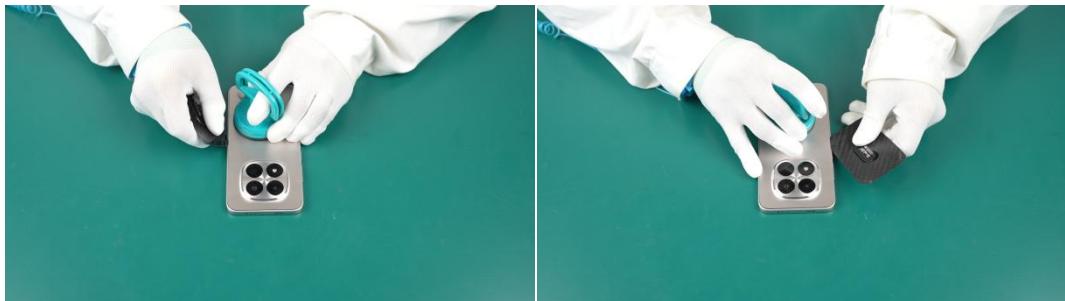
(1) Use a Suction Cup and Plastic Pry Tool to gently cut the adhesive on the Battery Cover Assy.



- 💡 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.

Disassembly and Assembly

(2) Use a Suction Cup and Plastic Pry Tool to cut all the glue around the Battery Cover Assy as described above, and then carefully separate the Battery Cover Assy from the device.



- i
 - Be careful not to damage the Battery Cover Assy, as excessive force may damage the Battery Cover Assy.
 - Do not insert the Plastic Pry Tool too far into the device, as it may damage the internal circuitry.
- 💡 If it's difficult to create a gap, reheat to further soften the adhesive. When reheating, do not reheat for more than 30 seconds.
- ⚠ Anti-shattering of glass/ceramic back cover:
 - Avoid pressing hard on the center of the back cover when separating (especially for curved screen models) to prevent glass cracking due to stress concentration.
 - If the back cover is broken, fix the fragments with tape before operation to avoid scratching your fingers or dropping them into the device.

4. Remove Adhesive:

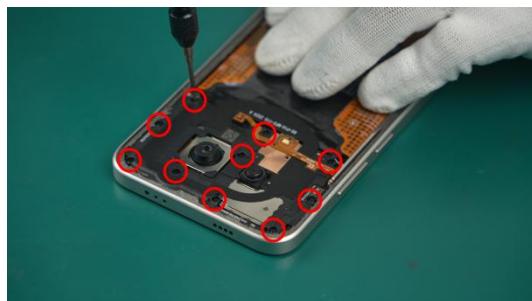
Remove any remaining adhesive from the Battery Cover Assy before reassembling the device.



- Be careful not to put your fingers or any foreign objects on the rear camera or back cover lens to avoid scratching the device;
- If you have difficulty separating the adhesive, please reheat the device or use special alcohol to assist.

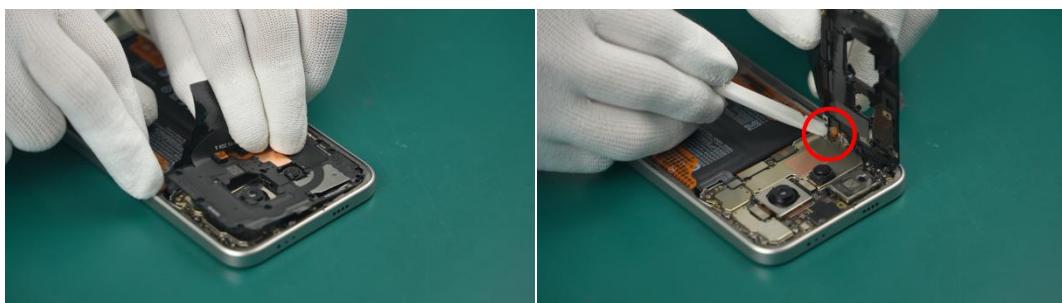
5. Remove the Mainboard cover Assy:

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

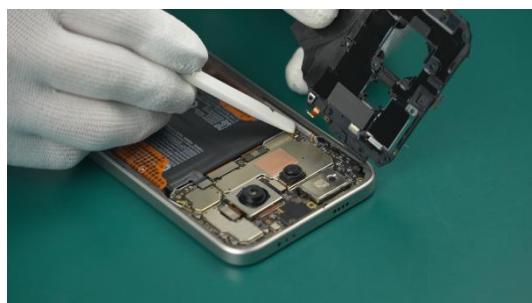


i Check the number of screws that have been removed and keep them in a safe place to ensure that no unassembled screws are left inside the device during the assembly process.

(2) then lift up the Mainboard cover Assy. Disconnect the FPC Assy-Flash Light from the device.



(3) Remove the Mainboard cover Assy.



Disassembly and Assembly

(4) After removing the Mainboard cover Assy, take off the FPC Assy-Flash Light from the Mainboard cover Assy.



i 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.

6. Disconnect the Cables:

(1) Disconnect the Battery.



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

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

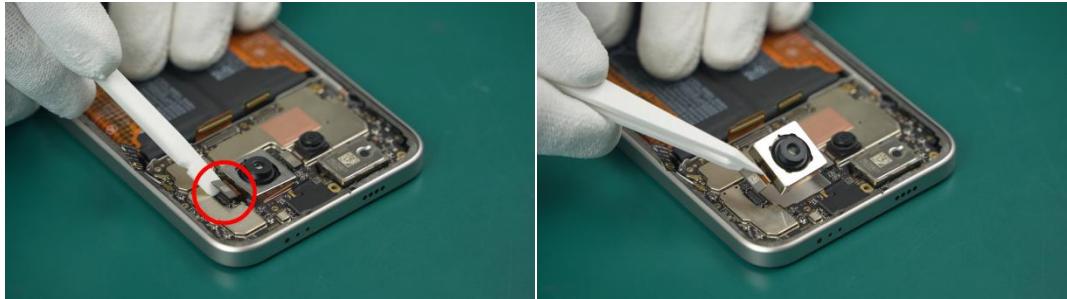


(3) Disconnect the FPC Assy-TP Transfer from the Mainboard Assy.



7. Remove the Camera Assy:

(1) Disconnect the Camera-Rear-Main and remove it from the device.



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

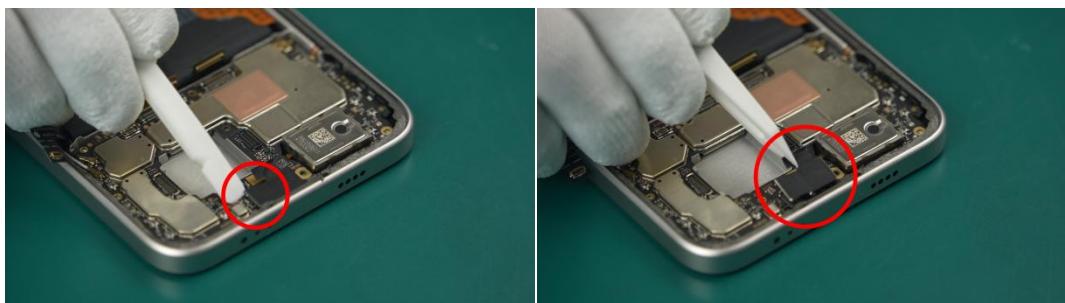
(2) Disconnect the Camera-Rear-Ultra Wide Angle and remove it from the device.



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

Disassembly and Assembly

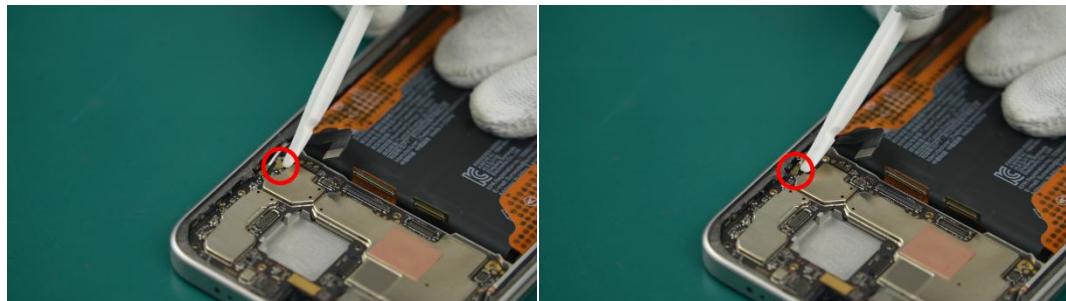
(3) Disconnect the Camera-Front and remove it from the device.



- 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.

8. Disconnect the Coaxial Cables:

Disconnect the Coaxial Cable-Black and Coaxial Cable-White from the Mainboard in sequence.



- Be careful not to damage the cable 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 cable after disconnecting to avoid affecting subsequent operations.

9. Remove the Mainboard Assy:

Remove the Mainboard Assy from the phone.



- i 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.

10. Remove the Light Sensor Subboard:

Use tweezers to remove the Light Sensor Subboard assembly from the device.



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

11. Remove the Top Speaker Assy:

Disconnect the Top Speaker Assy contacts from the device, then remove the Top Speaker Assy.



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

12. Remove the Holder-Side Key FPC:

Use tweezers to disconnect and remove the Holder-Side Key FPC from the device.



- i 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.

13. Remove the Sub-Board cover:

(1) Unscrew the screws of the Sub-Board cover one by one.



i 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) Flip the Sub-Board cover and remove the Antenna Assy located underneath it.



i Do not use metal tools during operation to avoid scratching the device.

Disassembly and Assembly

(3) Remove the Coaxial Cable-White connected to the Antenna Assy together with the Antenna Assy from the Sub-Board cover, and then detach the Sub-Board cover from the device.



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

14. Remove the Antenna Assy:

Disconnect the Coaxial Cable-White from the Antenna Assy and remove the Antenna Assy.



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

15. Remove the Fingerprint module:

Remove the Fingerprint Module from the Sub-Board Assy.



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

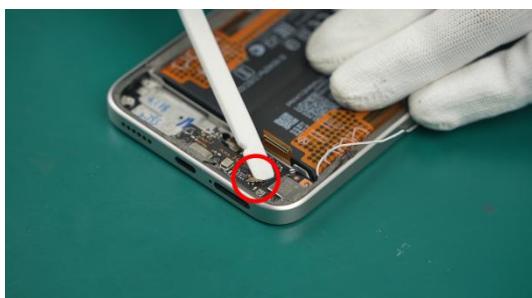
16. Remove the Sub-Board Assy:

(1) Disconnect the FPC Assy from the Sub-Board Assy.



i Do not use metal tools during operation to avoid scratching the device.

(2) Disconnect the Coaxial Cable-Black from the Sub-Board Assy.

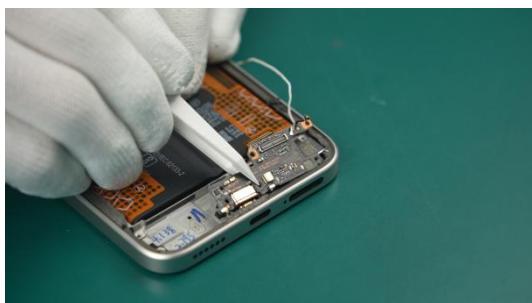


i

- 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.

Disassembly and Assembly

(3) Remove the Sub-Board Assy.



i 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.

17. Remove the Vibrator:

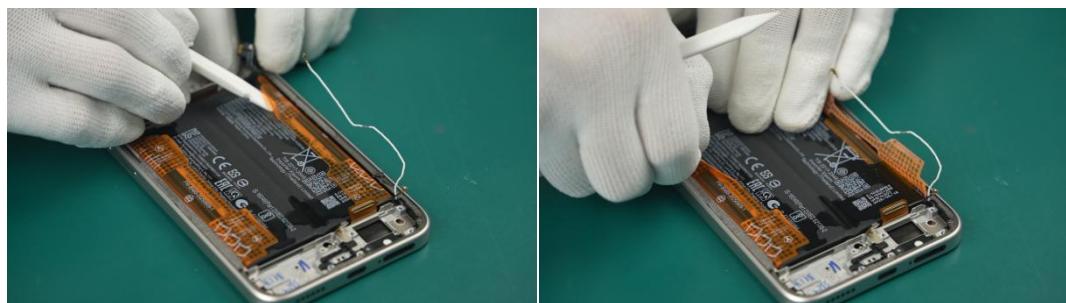
Use tweezers to remove the Vibrator.



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

18. 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.



i 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.

19. Remove the 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.

20. Remove the Coaxial Cable:

(1) Remove the Mylar-Coaxial Cable from the device.



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



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

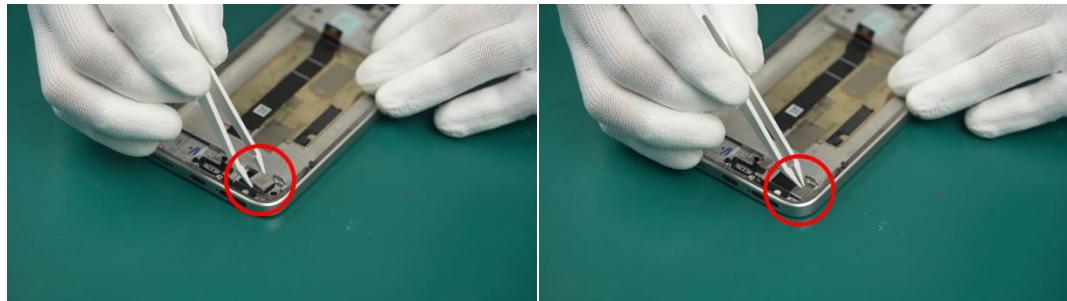
Assembly

 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:

Place the Vibrator into the correct position on the device.



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

2. Assemble the Sub-Board Assy:

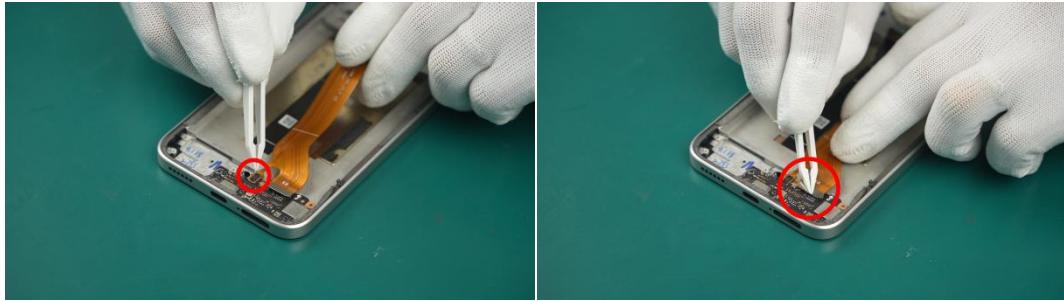
Place the Sub-Board Assy into the correct position and press lightly to ensure it is firmly in place.



 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 FPC Assy:

(1) Connect the FPC Assy to the Sub-Board Assy.



(2) Place FPC Assy in the correct position of the device.



- i 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 cable interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.

4. Assemble the Fingerprint Module:

Place the Fingerprint Module into the correct position and press lightly to ensure it is firmly in place.



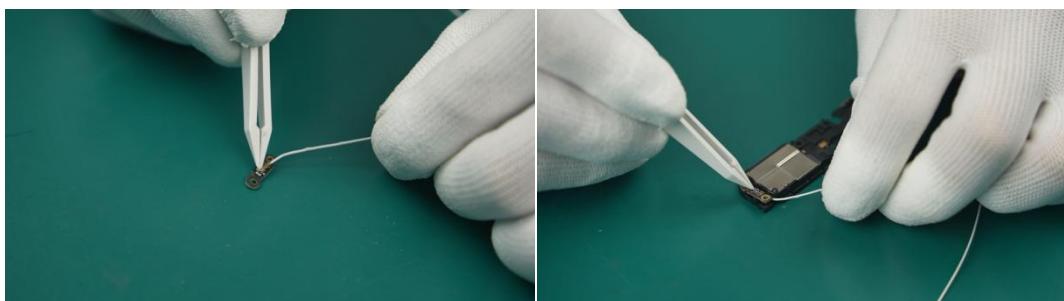
 You can press the cable interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.

5. Assemble the Coaxial Cable:

- (1) Install the Coaxial Cable-Black onto the Sub-Board Assy and arrange it in the correct position.



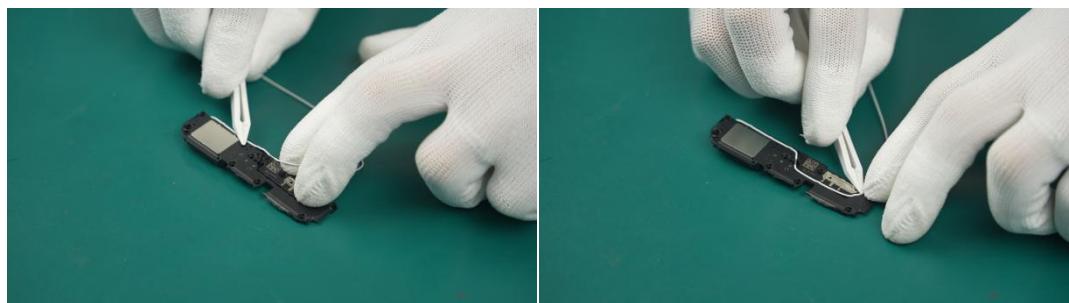
- (2) Connect the Coaxial Cable-White to the Antenna Assy, then mount the Antenna Assy on the back of the Sub-Board cover and press it gently to ensure it is securely installed.



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

Disassembly and Assembly

(3) Flip the Sub-Board cover and press the Coaxial Cable-White into the cable slot of the Sub-Board cover.



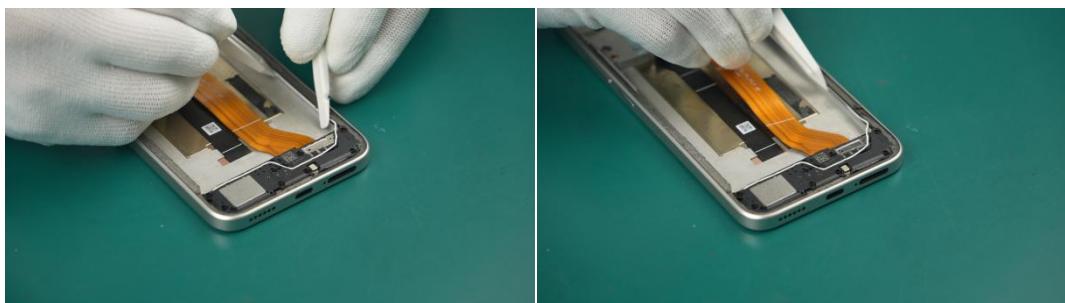
- i Be careful not to damage the cable when arranging it.
- 💡 You can press the cable interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.

6. Assemble the Sub-Board cover:

(1) Place the Sub-Board cover into the correct position of the device, press lightly to ensure it is installed in place.



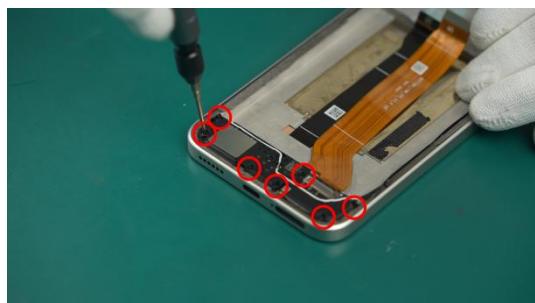
(2) Flip the Sub-Board cover and press the Coaxial Cable-White into the wire groove of the Sub-Board cover.



(3) After arranging the Coaxial Cables in the correct position, Press the Mylar-Coaxial Cable tightly to ensure firm adhesion.



(4) Then tighten the screws.



i 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.

7. Assemble the Light Sensor Sub board:

Place the Light Sensor Sub board into the correct position of the device and press it firmly to ensure it is firmly seated.



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

8. Assemble the Top Speaker Assy:

Install the Top Speaker Assy in the correct position of the device and press firmly to ensure it is properly seated.



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

9. Assemble the Side Key FPC:

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



(2) Place the Side Key FPC into the correct position, press to ensure it clicks into place.



i During the subsequent assembly process, you need to check whether the Holder-Side Key FPC harness is lifted up to avoid squeezing the harness during assembly.

10. Assemble the Mainboard Assy:

Place the Mainboard Assy into the device, pressing firmly to ensure it is installed in place.



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

11. Assemble the Camera Assy:

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



- i Please do not use metal tweezers or other hard tools to avoid scratching the device.
- 💡 You can press the cable interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.

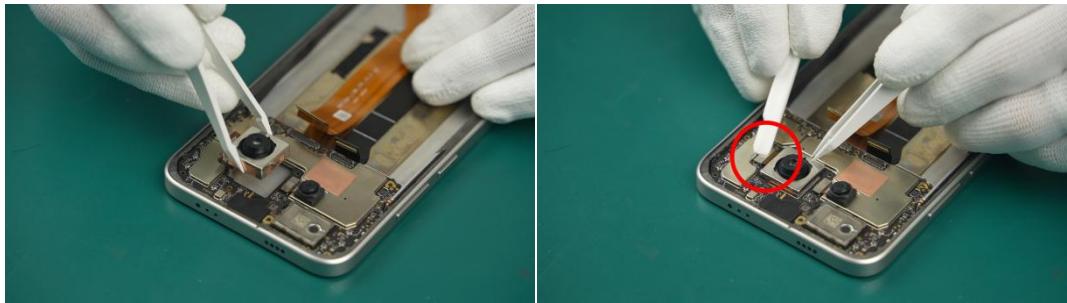
(2) Place the Camera-Rear-Ultra Wide Angle in the correct position and connect it to the Mainboard Assy.



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

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

Disassembly and Assembly



- 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 cable 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.

12. Assemble the FPC Assy:

(1) Connect the FPC Assy to the Mainboard Assy and press gently to ensure a secure connection.



- i 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 cable interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.

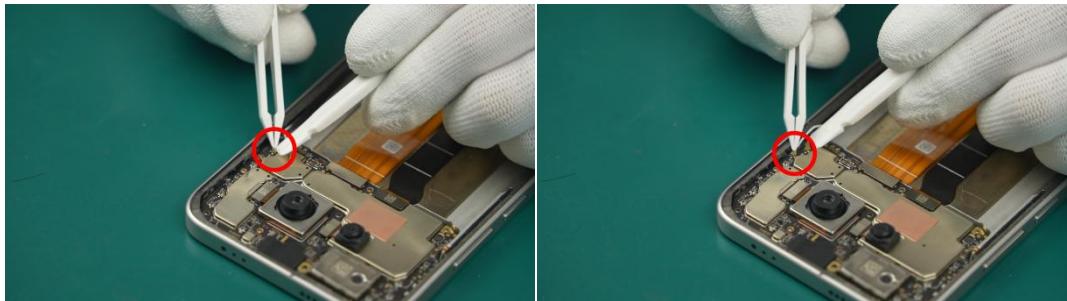
(2) Connect the flat cable of the screen to the Mainboard Assy.



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

Disassembly and Assembly

(3) Connect the Coaxial Cable-Black and Coaxial Cable-White to the Mainboard Assy respectively.



 You can press the cable 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) Tear off the protective film on the back of the Easy Release Adhesive.



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



(3) Connect the Battery to the Mainboard Assy.



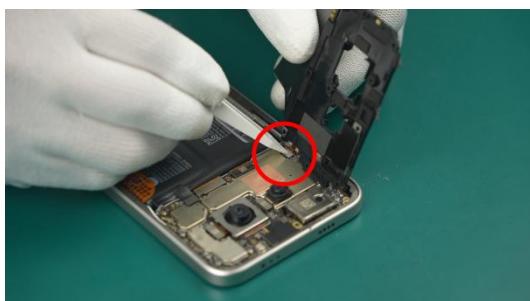
14. Assemble the Mainboard cover Assy:

(1) Mount the FPC Assy-Flash Light onto the Mainboard cover Assy and press it down to ensure it is seated properly.



i 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.

(2) Connect the cable of the Mainboard cover Assy to the Mainboard Assy.



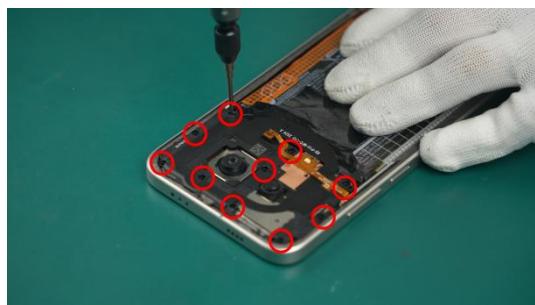
i Please make sure that all the clips are locked into place, otherwise it will affect the subsequent assembly.

(3) then install the Mainboard cover Assy and press to ensure it is in place.



Disassembly and Assembly

(4) Align the screw holes and tighten the screws.



i 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) Tear off the new Adhesive-Battery Cover protective film, carefully align it with the Battery Cover Assy.



-  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) Press to ensure that the Adhesive-Battery Cover and Battery Cover fit accurately.



Disassembly and Assembly

(3) Tear off the protective film on the other side of the Adhesive-Battery Cover, install the Battery Cover, and press to ensure a firm fit.



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

 If you are a professional authorized repairer, 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.



(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.



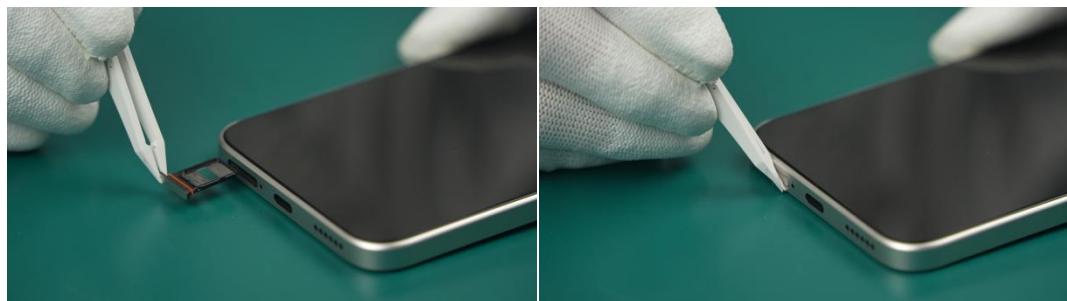
Disassembly and Assembly

(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:

Put the SIM Card Tray back into the device.



! 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 crimp it 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:

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.

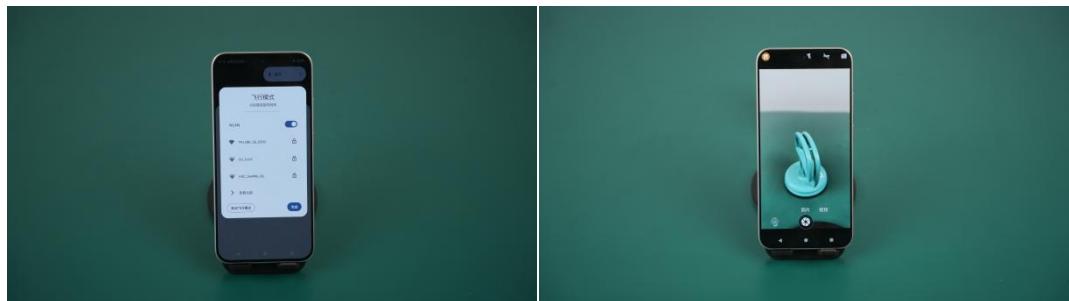


19. Test Phone Functions:

(1) Check whether the phone can be turned on normally.



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



Calibration and quality inspection

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.

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