

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, always 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 for a 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 is damaged, smokes, or smells burnt, 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

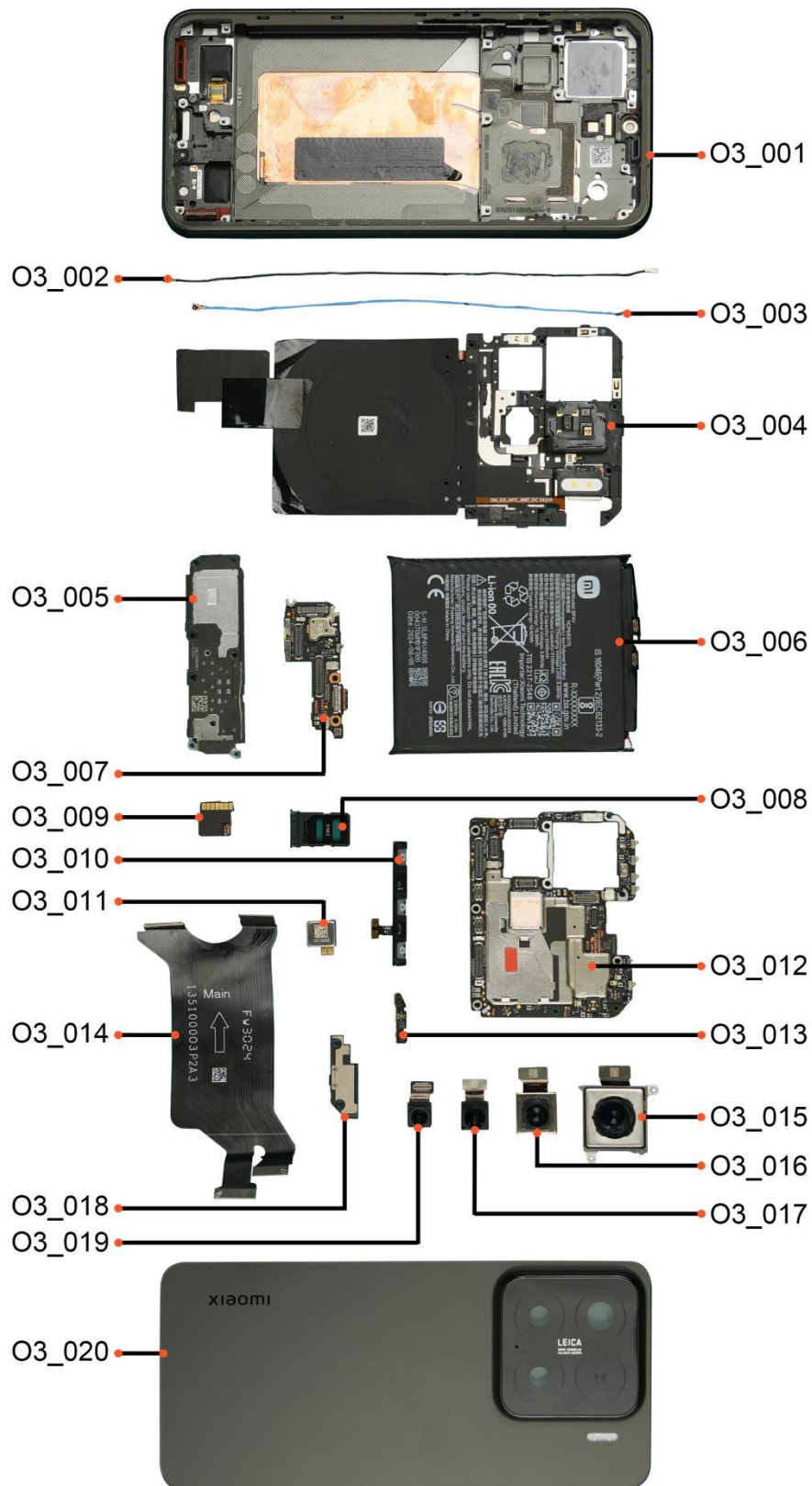
You can check system updates by clicking on the system version number in the phone settings. If the system needs to be upgraded, you can click on the details to view the update log to understand the details of the upgrade and decide whether to update the system version based on your actual situation.

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 | Front Cover Display Module |
| O3_002 | Coaxial Cable-Black |
| O3_003 | Coaxial Cable-Blue |
| O3_004 | Mainboard Cover Assy |
| O3_005 | Speaker Assy |
| O3_006 | Battery |
| O3_007 | Subboard-Plsensor |
| O3_008 | SIM Card Tray |
| O3_009 | Plsensor Board Assy |
| O3_010 | Side Key FPC |
| O3_011 | Vibrator |
| O3_012 | Mainboard Assy |
| O3_013 | Antenna board |
| O3_014 | FPC Assy |
| O3_015 | Camera-Rear-Main |
| O3_016 | Camera-Rear-Macro |
| O3_017 | Camera-Rear telephoto lens |
| O3_018 | LDS antenna cover |
| O3_019 | Camera-Front |
| O3_020 | 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). |   |




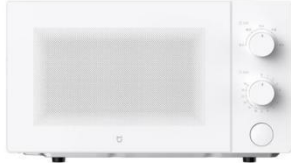



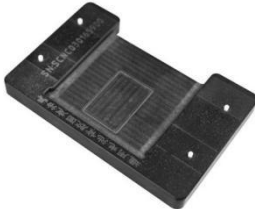

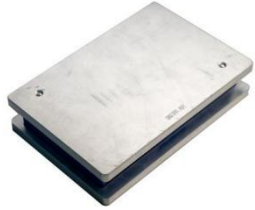

Tool Preparation

| 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




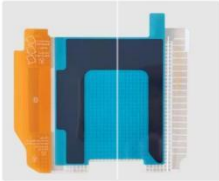





| Tool Name | Diagram | Details | Target users |
|-------------------------------------|---|---|---|
| Heating Bag |  | Used to heat when removing the back cover (necessary tool);  Use the tabs as handles when heating to avoid burns. |  |
| Micro-wave Oven |  | For heating the Heating Bag (necessary 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. |   |

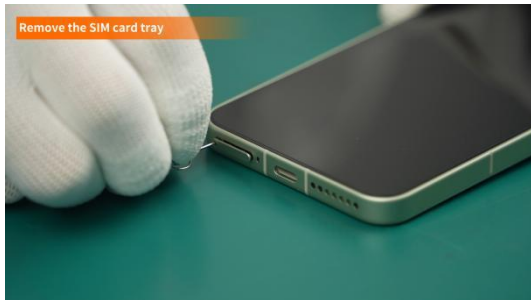
Disassembly


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:


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





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

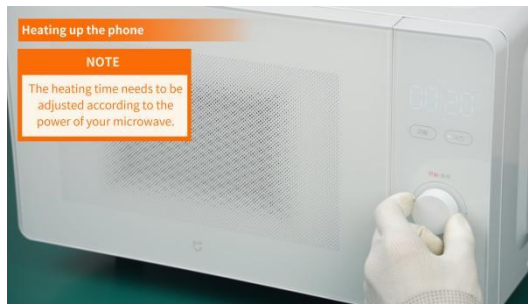
 For the assembly method of the SIM Card Tray, please refer to the subsequent assembly tutorial in the manual.


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.

Disassembly and Assembly

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



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

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



Disassembly and Assembly



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 the 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

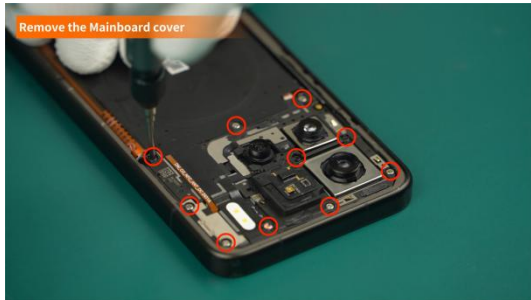
- (2) Use the Plastic Pry Tool to cut all the glue around the Battery Cover Assy as described above, and then carefully separate the Battery Cover Assy from the device.




-  • 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.

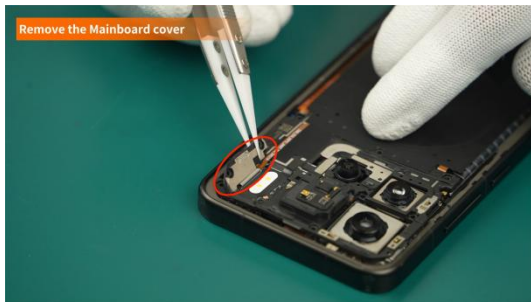
4. Remove the Mainboard Cover Assy:


(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.

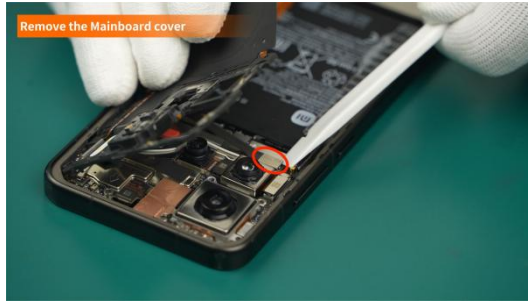
(2) Remove the LDS antenna cover.




 Be careful not to damage nearby components.

Disassembly and Assembly

- (3) Lift up the Mainboard cover. Disconnect the Mainboard cover cable and 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 FPC Assy from the Mainboard Assy.



(3) When disconnecting the right cable of the FPC Assy, please remove the cover first.





Please keep small parts properly, as missing parts may cause the device to fail to start up.

6. Remove the Camera Assy:


(1) Tear off the Anti-interference Copper Foil.



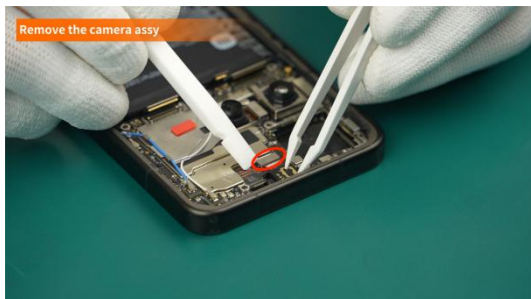
-  Do not touch the camera lens directly during operation to avoid scratching the lens.
- Please be careful to avoid damaging the Copper Foil.
-  You can use special alcohol to help tear off the Anti-interference Copper Foil.


(2) Disconnect the Camera-Rear-Main and remove it.



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

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




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

Disassembly and Assembly


(4) Disconnect the Camera-Rear telephoto lens and remove it.



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

(5) Disconnect the Camera-Rear-Macro and remove it.





-  • 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 motherboard, use a Plastic Pry Bar to gently lift it up to avoid breaking the cable.

7. Disconnect the Coaxial Cables:

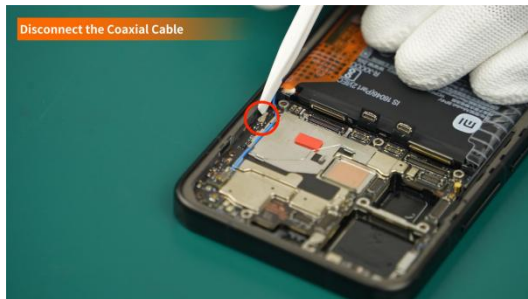
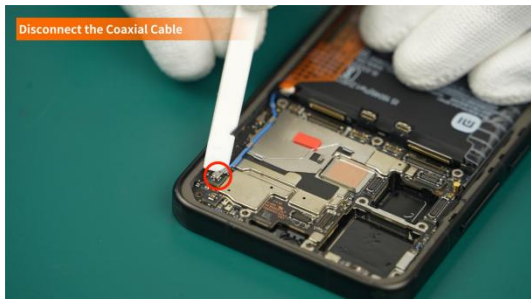
(1) Disconnect the Coaxial Cable-White and remove it.





 Be careful not to damage the wiring harness interface and surrounding components during operation.

 You can use the flat side of a Plastic pry bar to gently pry up the connector.

(2) Disconnect the Coaxial Cable-Blue and Coaxial Cable-Black.

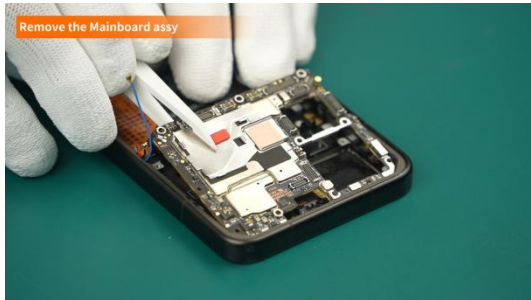




 Do not pull the cable directly when disconnecting to avoid breaking it.

 Please tidy up the wiring harness after disconnecting to avoid affecting subsequent operations.

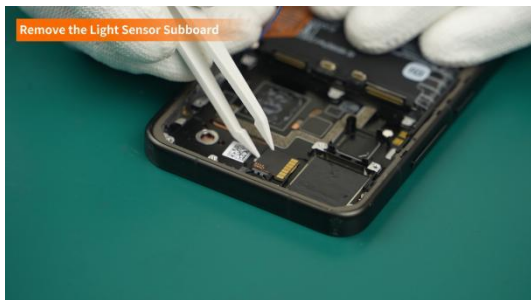
8. Remove the Mainboard Assy:


Remove the Mainboard Assy from the device.



-  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.

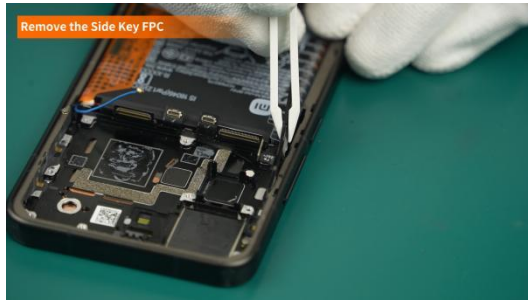
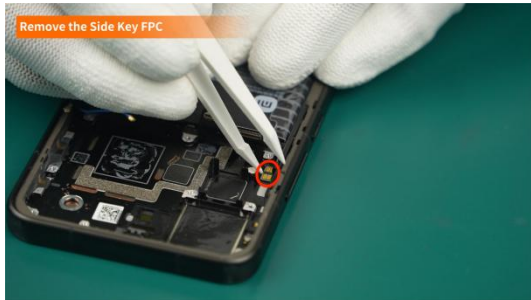
9. Remove the Light Sensor Subboard:



-  Please keep small parts properly, as missing parts may cause the device to fail to start up.

10. Remove the Side Key FPC:

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

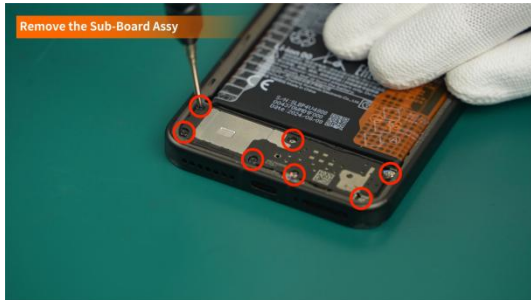



- 💡 Use ESD Safe Tweezers to cut the adhesive between the Holder-Side Key FPC and the device. Use ESD Safe Tweezers to press one side of the Holder-Side Key FPC in the slot to lift up the other side of the Holder-Side Key FPC. Then use ESD Safe Tweezers to remove the Holder-Side Key FPC.

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

11. Remove the Sub-Board Assy:


(1) 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.

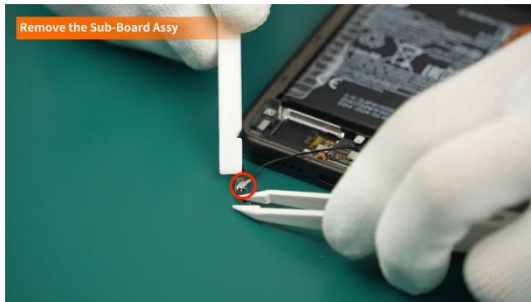
(2) Flip the Speaker Assy, and remove the Antenna board at the back, and then remove the Speaker Assy.




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

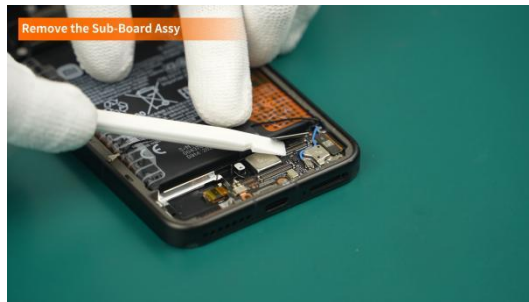
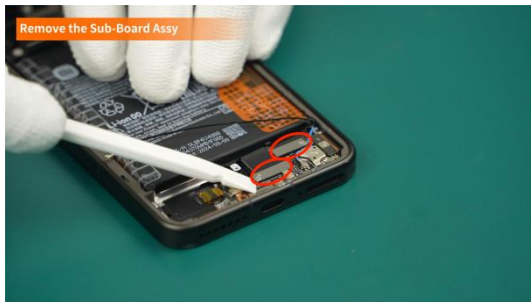
Disassembly and Assembly


- (3) Disconnect the Coaxial Cable-Black from the Antenna board and remove the Antenna board.



-  Be careful not to break the Coaxial Cable-Black.


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



-  Please disconnect the interface in parallel during operation to avoid tilting and pulling, which may cause damage to the interface.

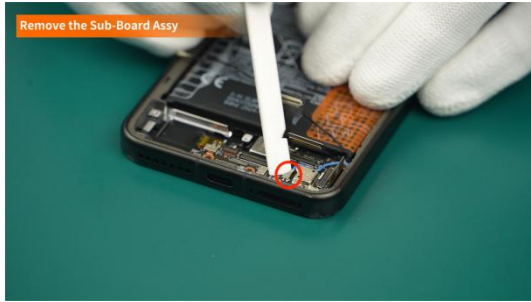
- (5) Disconnect the Front Cover Display Module.




-  Please disconnect the interface in parallel during operation to avoid tilting and pulling, which may cause damage to the interface.

Disassembly and Assembly

(6) Disconnect the Coaxial Cable-Blue and remove the Sub-Board Assy.




 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.

12. Remove the Vibrator:

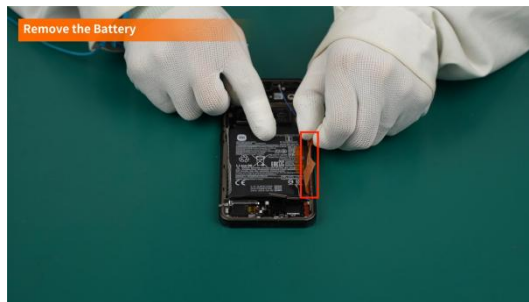
Use tweezers to remove the Vibrator.



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


13. 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.

14. Remove the Coaxial Cables:


Remove the Coaxial Cable-Blue and Coaxial Cable-Black.



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

15. 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.

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:

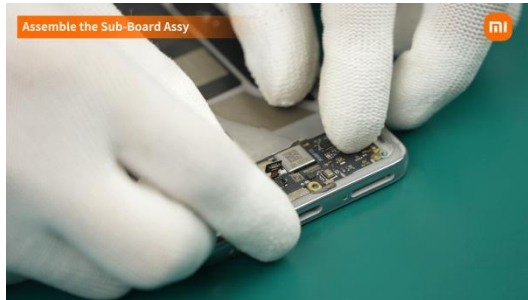
Place the Vibrator into the correct position on the device and snap the cable into place.




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

2. Assemble the Sub-Board Assy:

Install and press gently 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.
- Please make sure that all the clips are locked into place, otherwise it will affect the subsequent installation.

3. Assemble the FPC Assy:


(1) Place the FPC Assy in the correct position.



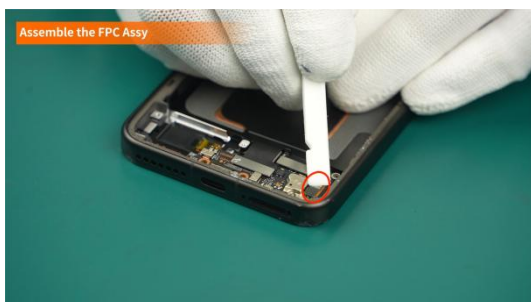
 During the subsequent assembly process, you need to check whether the FPC Assy is lifted up to avoid squeezing the harness during assembly.


(2) Then connect it to the Sub-Board 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.

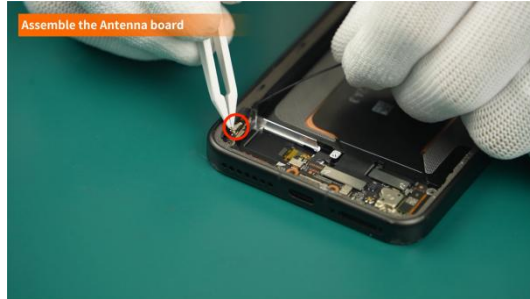
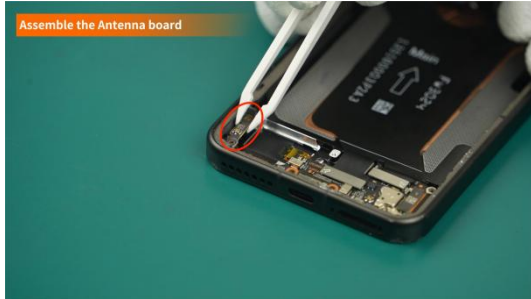
(3) Connect the Front Cover Display Module to the Sub-Board Assy.




 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.

4. Assemble the Antenna board:


- (1) Place the Antenna board in the correct position and connect the Coaxial Cable-Black to the Antenna board.




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

- (2) Connect the Coaxial Cable-Blue to the Sub-Board Assy.

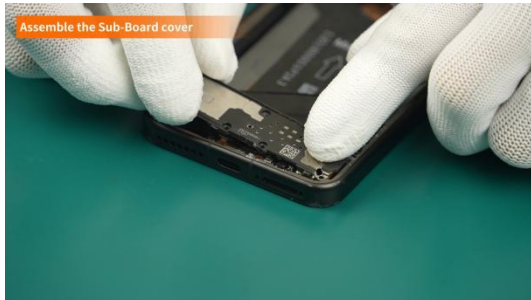


 Please be careful to avoid breaking the wire harness.

 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. Assemble the Speaker Assy:

(1) Place the Sub-Board cover into the correct position.



(2) Press lightly to ensure it is installed in place and tighten the screws.



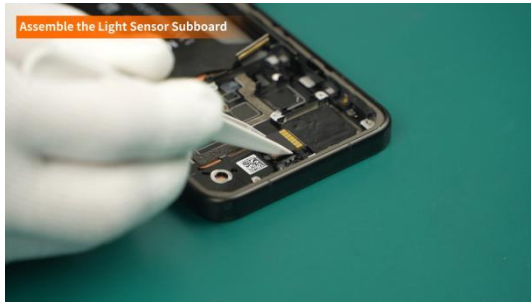
- Please make sure that all the clips are locked into place, otherwise it will affect the subsequent assembly.
- Check the number of screws installed to ensure that no unassembled screws were left inside the device during assembly.

(3) Organize the Coaxial Cables into the harness slot.



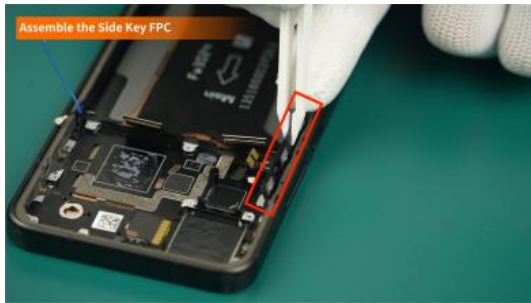
- Please do not use metal tweezers or other hard tools to avoid scratching the device.


6. Assemble the Light Sensor Subboard:



7. Assemble the Side Key FPC:


Place the Side Key FPC into the correct position and tidy up the wiring harness to ensure it is installed in place.



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

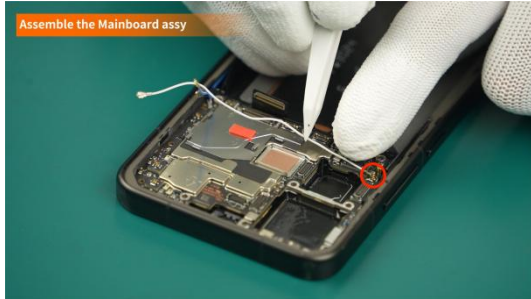
8. Assemble the Mainboard Assy:



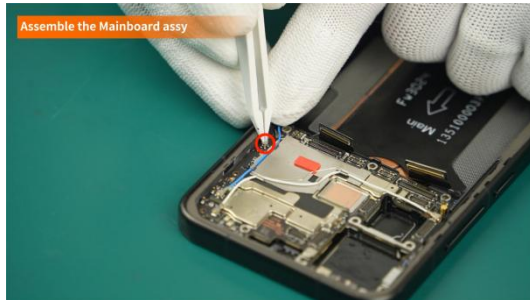
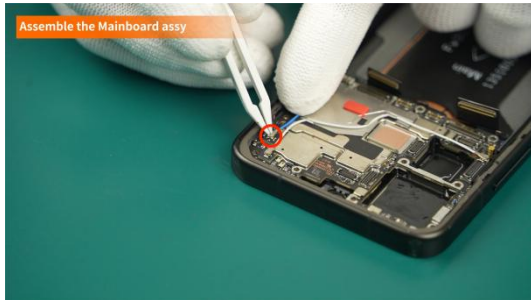
 Please make sure that all the clips are locked into place, otherwise it will affect the subsequent assembly.



9. Connecting the Coaxial Cables:

- (1) Connect one end of the Coaxial Cable-White to the Mainboard Assy, organize the cable, and then connect the other end of the Coaxial Cable-White to the Mainboard Assy.



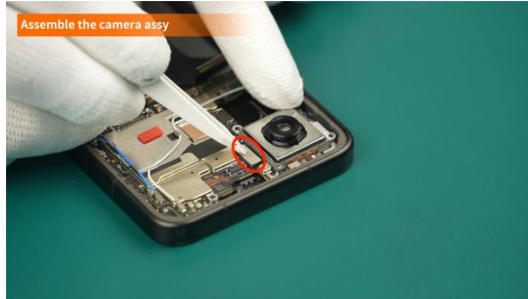
- (2) Connect the Coaxial Cable-Blue and Coaxial Cable-Black in sequence.



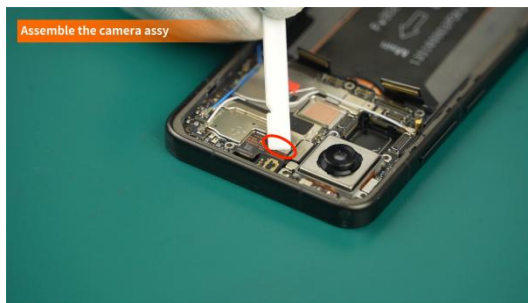
-  Be careful not to damage the wiring harness when arranging it.
-  You can press the wiring harness interface with your fingers. If you can clearly feel a "click" sound, it means the interface is connected in place.



10. Assemble the Camera Assy:

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



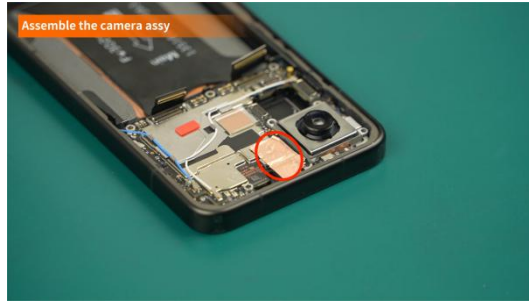
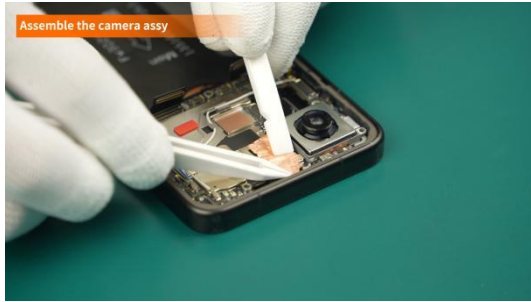
- (2) Place Camera-Front in the correct position of the device and connect it to the Mainboard Assy.





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

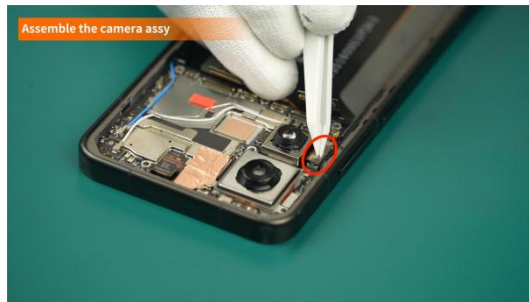
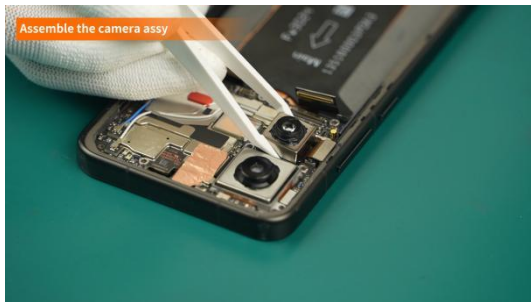
(3) Attach the Anti-interference Copper Foil and press it to ensure it fits flat.





 Do not use hard tools during operation, as this may damage the Anti-interference Copper Foil.

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

(4) Place Camera-Rear telephoto lens in the correct position and connect it to the Mainboard Assy.

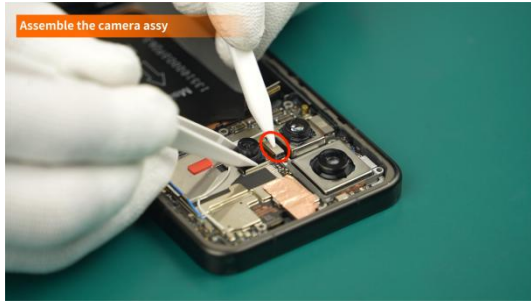




 Do not touch the camera lens directly during operation to avoid scratching the lens.

 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.

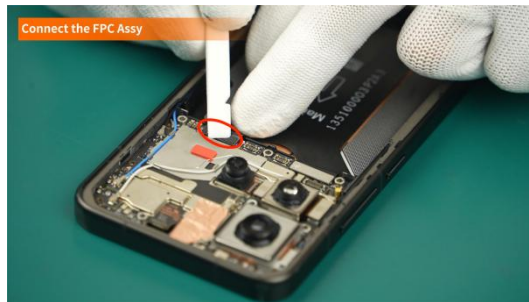
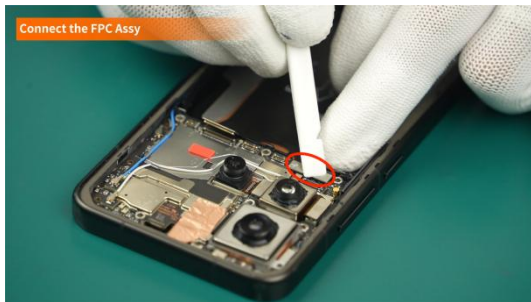
Disassembly and Assembly



(5) Install Camera-Rear-Macro 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. Connect the 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.

12. Assemble the Battery:

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

(1) Remove the Easy Release Adhesive protective film from the new battery.

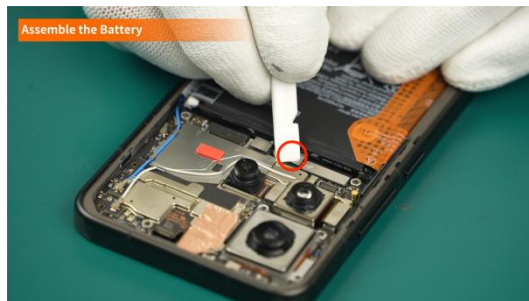
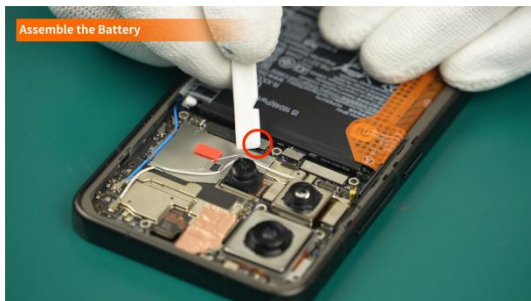


 Please try not to touch the surface of the Easy Release Adhesive to avoid contamination of the Easy Release Adhesive and affecting the adhesion effect.

(2) Align the battery with the correct position of the device, install and press to ensure it fits in place.



(3) Connect the Battery to the Mainboard Assy.



Disassembly and Assembly

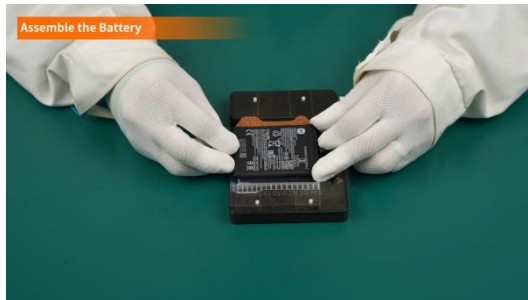


If you are a professional authorized repairer, please refer to the following method:

- (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, try to avoid touching the adhesive surface to prevent it from being contaminated and affecting the assembly effect, then align and attach the batteries.



- (3) Tear off the protective film on the other side of the Easy Release Adhesive, and try to avoid touching the adhesive surface.

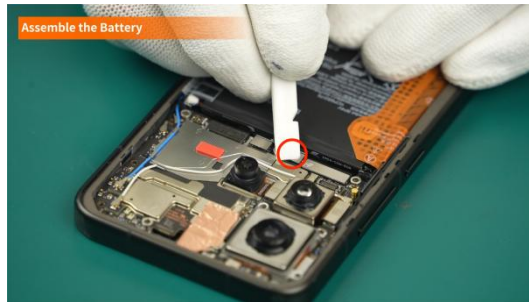
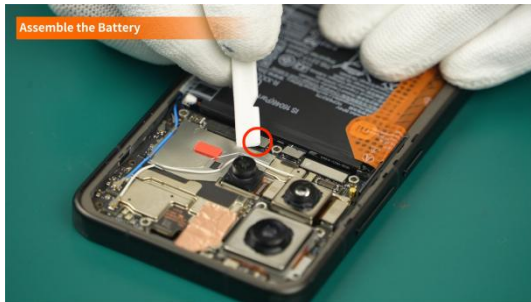


Disassembly and Assembly

- (4) Then tear off the protective film on the back of the Easy Release Adhesive, align the phone to the correct position, then put the Battery in.

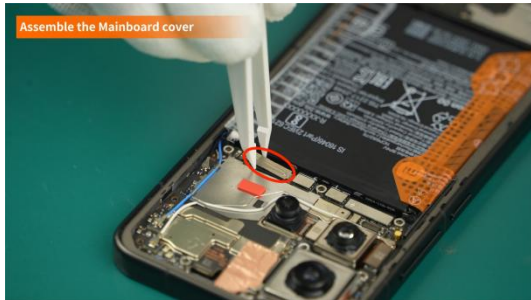


- (5) Connect the Battery to the Mainboard Assy.




13. Assemble the Mainboard Cover:

(1) Install the FPC cable cover in place.

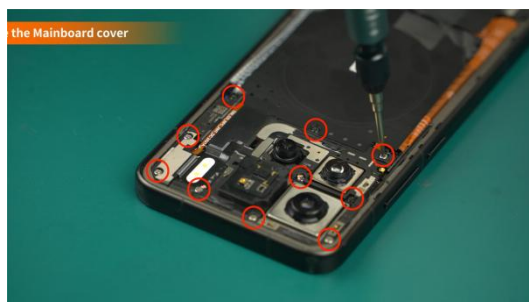
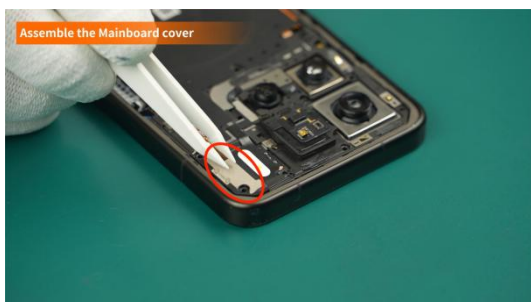



(2) Align the Mainboard Cover with the device, connect the cable of the Mainboard Cover to the Mainboard Assy, then install the Mainboard Cover and press to ensure it is in place.




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

(3) Put the LDS antenna cover in the correct position, and tighten the screws.




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


14. 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.



 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.

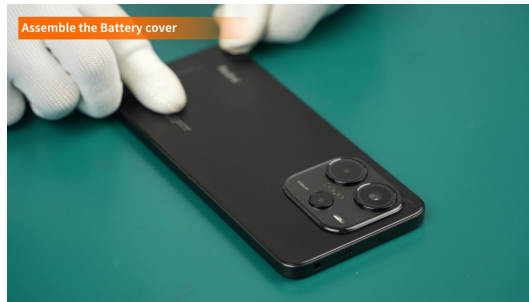
 When assembling, tear off half of the protective film first, hold the part that has not been torn off from the protective film, align it with the device, fit it in place, then tear off the protective film completely.


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



Disassembly and Assembly

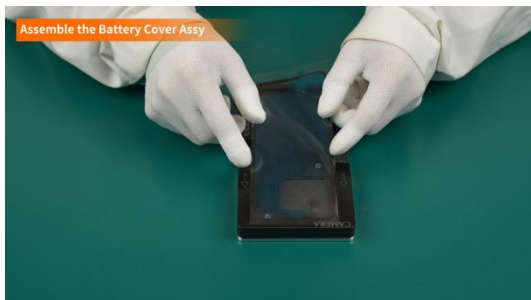
- (3) Tear off the protective film on the other side of the Adhesive-Battery Cover, install the Battery Cover, and press to ensure a firm fit.



-  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.

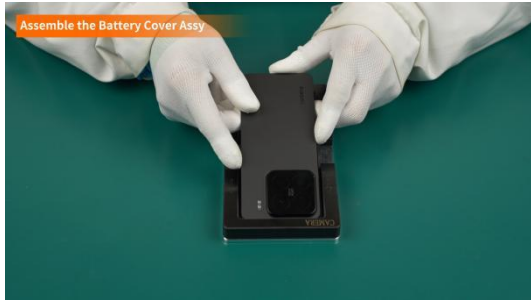


- (2) Tear off the protective film of the Battery Cover Adhesive, and do not touch the adhesive surface.



Disassembly and Assembly

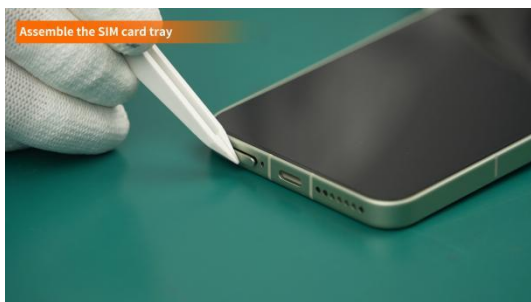
- (3) Put the Battery Cover Assy into the Adhesive backing fixing tool, press gently to make the Battery Cover Adhesive and the Battery Cover Assy fit together.



- (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.




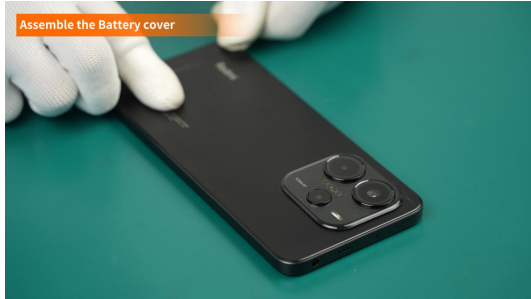
15. Assemble the SIM Card Tray:




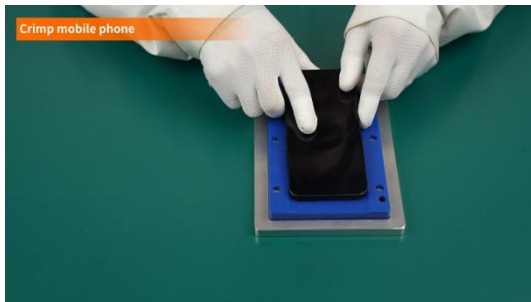
 Please do not use hard tools to install the SIM card tray to avoid scratching the device.

16. Crimp Mobile Phone:



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



-  If you are a professional authorized repairer, place the phone into the Battery cover assembly press device and press for 60 seconds using the Crimping tool.



17. 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.

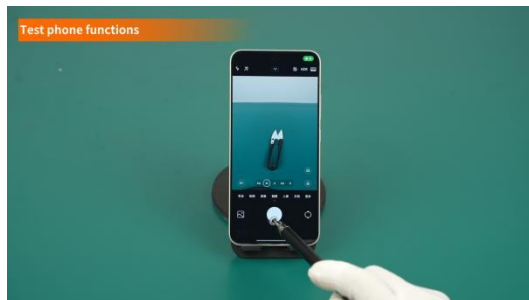
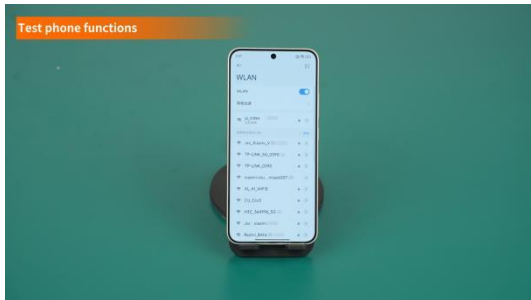



18. Test Phone Functions:

(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.



 If the Xiaomi 15 needs to replace the screen, due to the anti-burn-in algorithm, it is necessary to manually trigger two restarts when replacing the screen so that the DBI function can take effect on the new screen. The first restart after replacing the screen deletes the data of the old screen, and the second restart makes DBI take effect on the new screen.

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

xiaomi

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