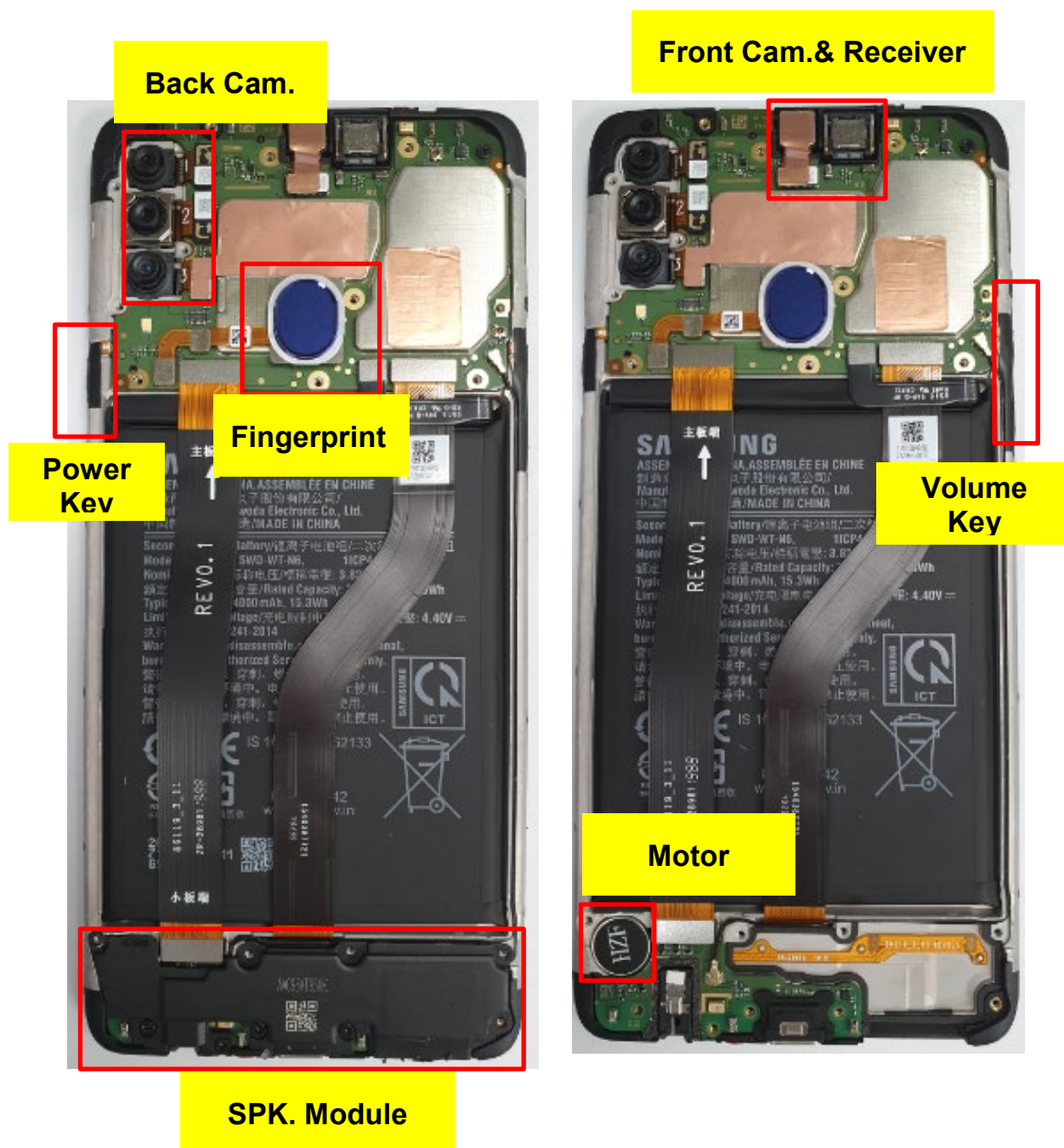


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## 7. Level 2 Repair







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### 7-1. Components on the Rear Case



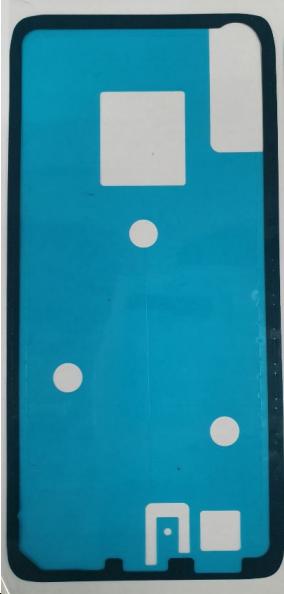

## 7. Level 2 Repair

### 7-2. Pre-requisite

	
<b>Tweezers/Disass'y Stick/Screw Driver</b>	<b>Anti-static Gloves</b>
	
<b>Anti-staticMat</b>	<b>AOD</b>
	
<b>Ethyl Alcohol</b>	<b>Cotton Swab</b>

## 7. Level 2 Repair

### 7-3. Parts when replacement the battery after repair.

Parts Code	Parts Name	Image	Remarks
<b>GH81-17813A</b>	Backglasstic TAPE		Left items must be changed to the new one in case of disassemble the Battery.
<b>GH81-17812A</b>	Fingerprint Sensor attachment Tape		

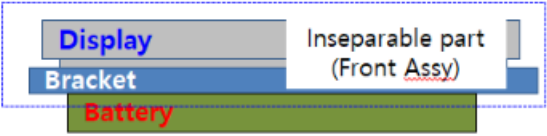
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## 7. Level 2 Repair

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### 7-4. Battery replacement

- 1) Do not reuse the battery.
- 2) Do not detach the battery from the bracket or display
  - If you detached battery, it has potential damage physically.
- 3) If you need to detach a battery from the bracket or display.
  - Make sure replace the battery with new one.

Type	Structure	Battery replace
	<p>Display and Bracket are not separated.</p> <p>Battery replacement is required when Front Assy component is defected.</p> <p>If the Front Assy is supplied without battery, please order battery together.</p> <p>※ Do not reuse the battery.</p>	O

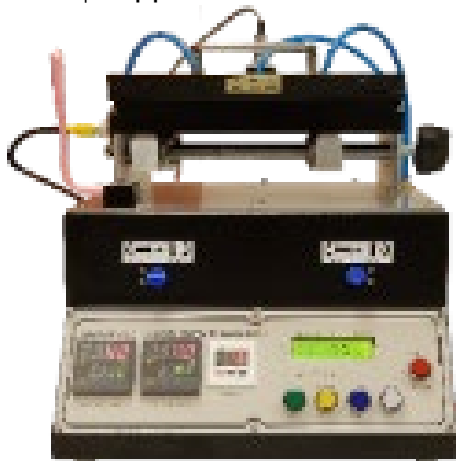
## 7. Level 2 Repair

### 7-5. Disassembly

1. Put the device in the AOD jig.

Set the AOD condition

- SOC 68%↓: Upper 70 °C/ Lower 60 °C 5min
- SOC 68%↑: Upper 60 °C/ Lower 60 °C 5min



※Caution

1) Be care of scratch

2. Disassemble the Rear Cover using the AOD jig.



※Caution

1) Be care of scratch

3. Remove all 16 points of screws and disassemble the frame.



※Caution

1) Be care of scratch

4. Disassemble SD Card SIM Tray from device.



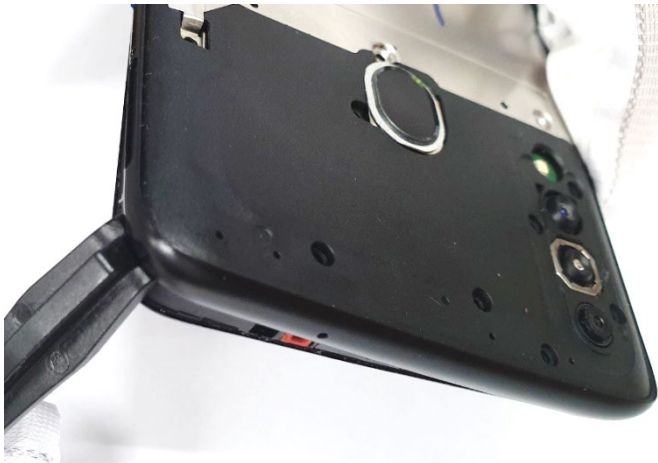
※Caution

1) Be care of scratch



## 7. Level 2 Repair

5. Remove the battery cover from upper right to bottom side using disassemble jig.



6. Battery cover.



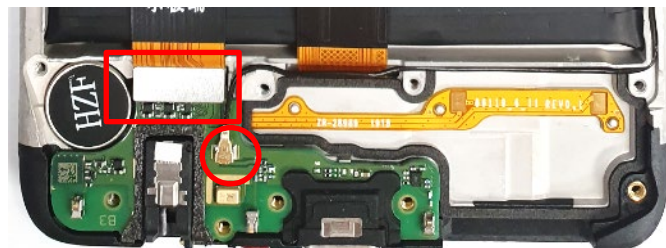
### ※ Caution

- 1) Be care of scratch
- 2) Be care of Rear and Finger print damage

### ※ Caution

- 1) Be care of Rear damage

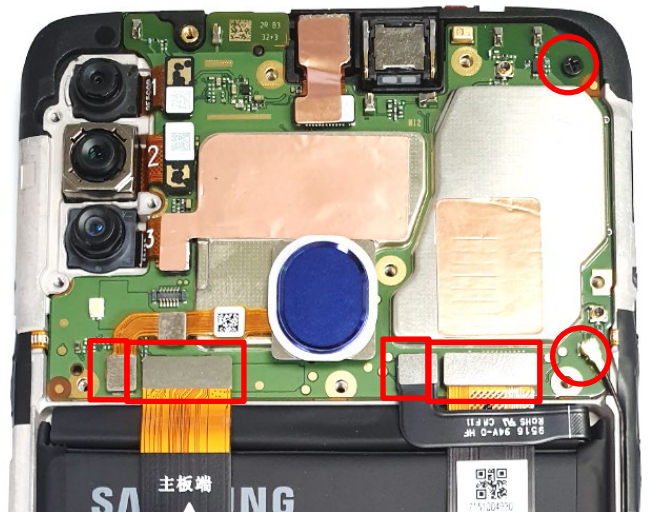
7. Remove 4 screws from BOX and coaxial cable and disassemble the SUB PBA.



### ※ Caution

- 1) Be care of several kinds of damage at PBA and FPCB.

8. Remove the coaxial cable and 1 screw And 4 points of FPCB.



### ※ Caution

- 1) Be care of scratch

## 7. Level 2 Repair

### 9. Remove the Main PBA and others.



#### ※ Caution

- 1) Be care of several kinds of damage at PBA and FPCB.

### 11. Lift battery using battery disassembly vacuum.



### 10. Put ethyl alcohol into the outside of battery with clean swab and slightly tilt the front case to soak alcohol inside enough.



#### ※ Caution

- 1) Do NOT use any sharp tools.  
(disassembly stick, knife, any plastic or tweezers).

### 13. Remove all residues of tapes and Motor, RCV, Power & volume keys.





## 7. Level 2 Repair

### 7-6. Assembly

1. Attach the battery tapes.



2. Attach the battery and press it using your hands.



※ Caution

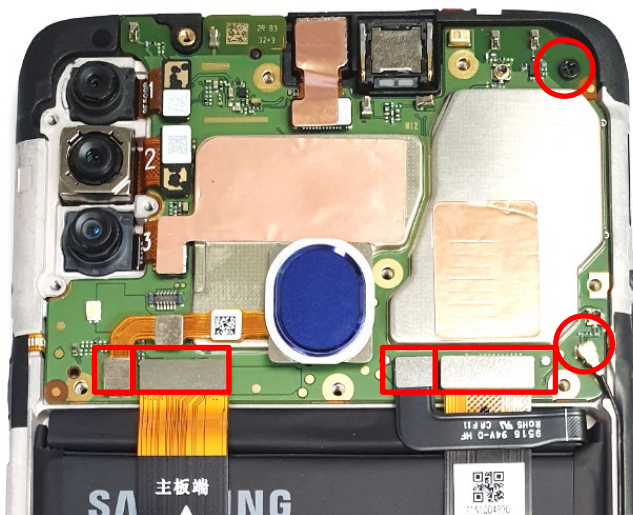
1) Be care of tapes damage

※ Caution

1) Be care of battery damage.

3. Assemble the main PBA on the bracket and connect all connectors firmly and then tighten 1 screw.

※ Screw torque: 0.7 kgf

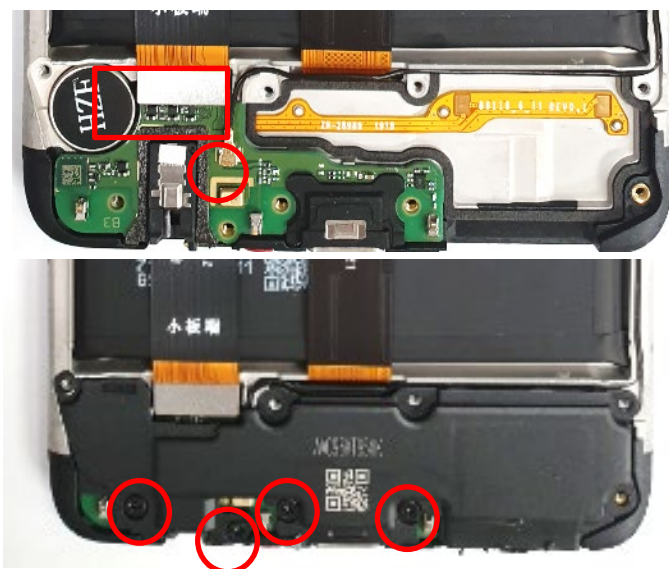


※ Caution

1) Be care of FPCB damage.

4. Assemble the SUB PBA and connect all connectors firmly and SPK box and than tighten 4 screws.

※ Screw torque: 0.7kgf



※ Caution

1) Be care of damage.



## 7. Level 2 Repair

5. Assemble the Battery cover and tighten 16 screws.

※ Screw torque: 0.7kgf



6. Attach the rear cover tape.



※ Caution

1) Be care of rear cover damage

※ Caution

1) Be care of scratch and REAR damage

7. Remove the rear cover tape and assemble the rear cover.  
Press the outside of Rear cover with thumbs enough.

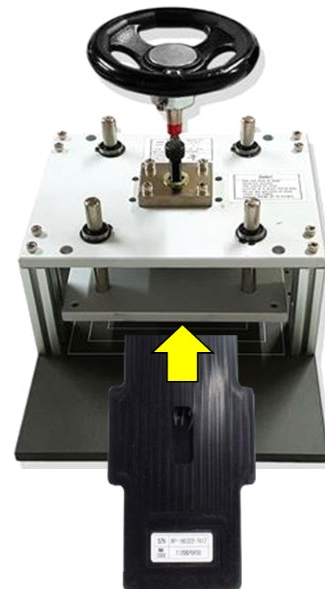


※ Caution

1) Be care of scratch and REAR damage

8. Press rear cover.

- Pressing force : 1 N
- Pressing time : 1 minute



※ Caution

1) Be care of scratch and REAR damage