

## 7. Level 2 Repair

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



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## 7. Level 2 Repair

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### 7-2. Pre-requisite

	
<b>Tweezers / Disass'y Stick / Screw Driver</b>	<b>Anti-static Gloves</b>
	
<b>Anti-static Mat</b>	<b>Disassemble card</b>
	
<b>ESD Bracelet</b>	<b>Pry Bar</b>

## 7. Level 2 Repair

### 7-4. Disassembly

1

- 1) Turn off the phone and remove the SIM tray.
- 2) Separate the back cover along the phone edge with a disassembly card.



2

Remove back cover



※ Caution

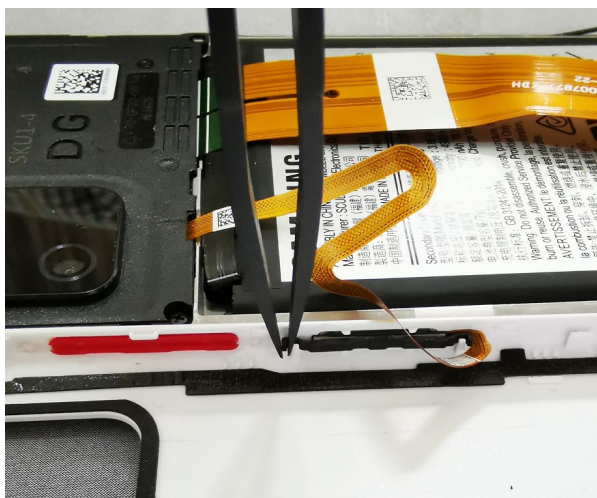
- 1) Be care of scratch

※ Caution

- 1) Be care of scratch

3

Remove the power key [ fingerprint module ] from the back cover with tweezers



※ Caution

- 1) Be care of scratch

4

Removed back cover



※ Caution

- 1) Be care of scratch



## 7. Level 2 Repair

5

Remove 16ea screws.



6

Remove B cover and Speaker module



※ Caution

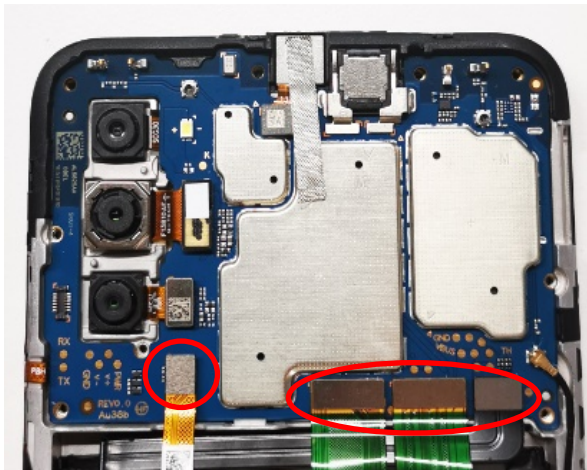
- 1) Be care of Rear damage

※ Caution

- 1) Be care of scratch
- 2) Be care of Rear and connector damage

7

Remove Battery Connector, Display module Connector, Power key\_fingerprint module Connector from Main PBA.

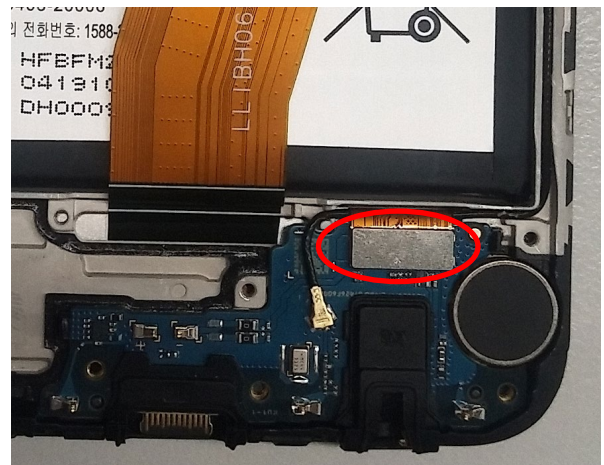


※ Caution

- 1) Be care of scratch
- 2) Be care of connector damage
- 3) Be careful not to damage the PBA

8

Remove Display module connector from Charging assembly



※ Caution

- 1) Be careful not to damage the PBA
- 2) Be care of connector damage

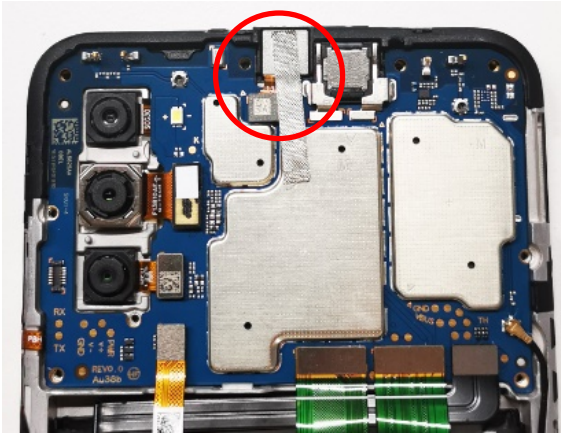
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## 7. Level 2 Repair

9

Remove front camera and conductive cloth from main PBA.

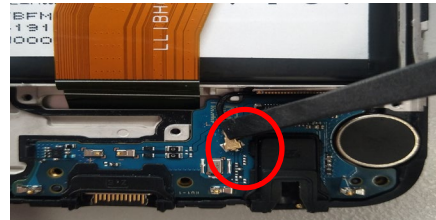
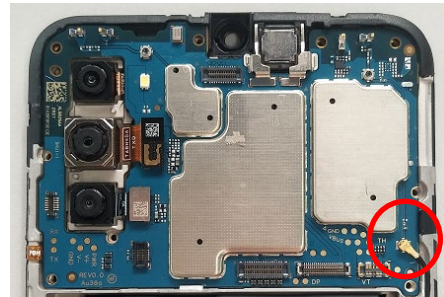


※ Caution

- 1) Be care of FPCB scratch
- 2) Be care of connector damage

10

Separate coaxial cable connector from PBA, then remove coaxial cable

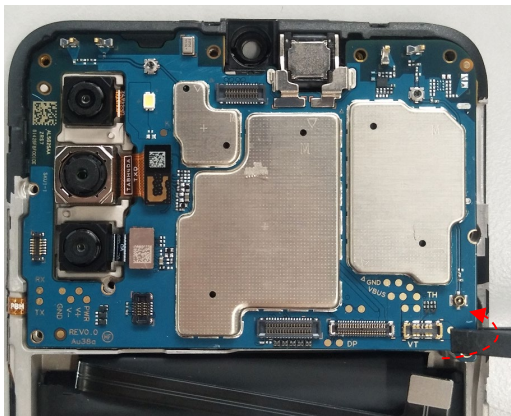


※ Caution

- 1) Be care of connector damage

11

Remove main PBA by tweezers

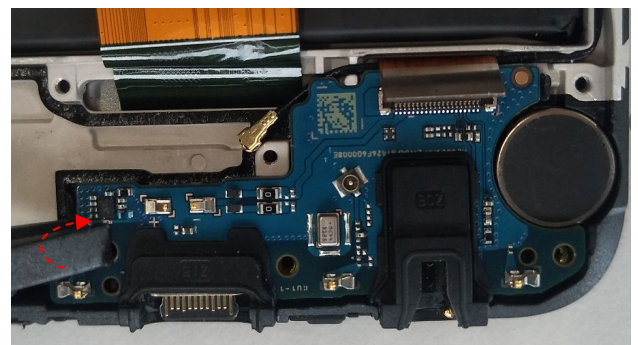


※ Caution

- 1) Be careful not to damage the PBA

12

Remove SUB PBA by tweezers



※ Caution

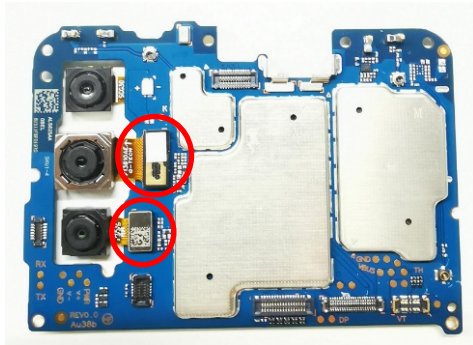
- 1) Be careful not to damage the PBA



## 7. Level 2 Repair

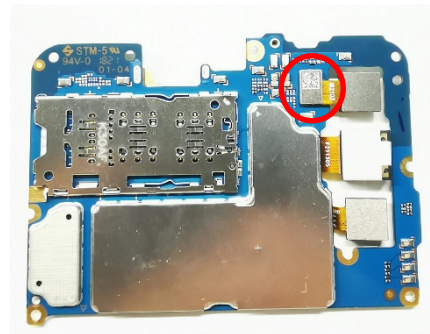
13

Remove main camera



14

Remove SUB PBA by tweezers



※ Caution

- 1) Be care of scratch
- 2) Be care of connector damage
- 3) Be careful not to damage the PBA

※ Caution

- 1) Be care of scratch
- 2) Be care of connector damage
- 3) Be careful not to damage the PBA

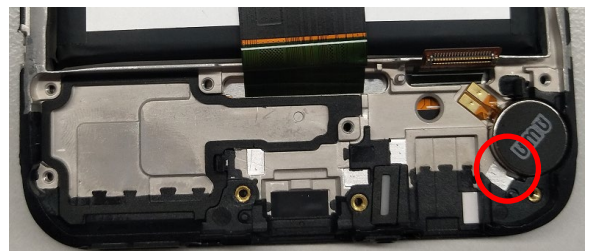
15

Remove receiver by tweezers



16

Remove motor by tweezers



※ Caution

- 1) Be care of several kinds of damage

※ Caution

- 1) Be careful not to damage the motor

## 7. Level 2 Repair

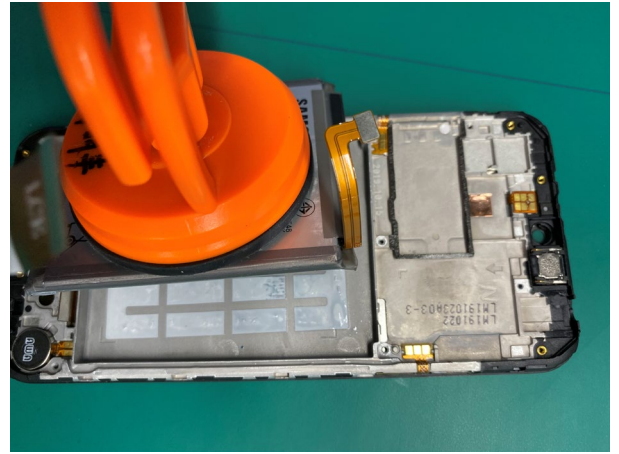
17

Drop alcohol into the battery gap, be careful don't drop the alcohol on the battery surface, otherwise it will affect the disassembly



18

After dropping the alcohol, press the battery, and wait for 1 min, then remove the battery



### ※ Caution

- 1) Be care of scratch
- 2) Be care of connector damage
- 3) Be careful not to damage the battery

### ※ Caution

- 1) Be care of scratch
- 2) Be care of connector damage
- 3) Be careful not to damage the battery

19

End of disassembly.



### ※ Caution

- 1) Be care of several kinds of damage

### ※ Caution

- 1) Be care of several kinds of damage

## 7. Level 2 Repair

### 7-5. Assembly

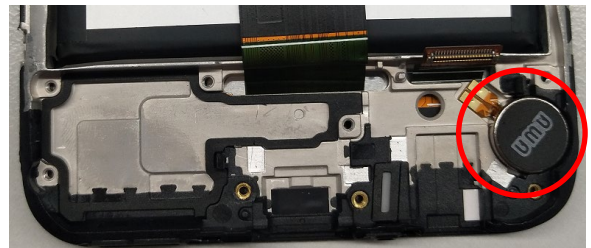
1

Assemble battery from down to up.



2

Assemble motor.



#### ※ Caution

- 1) Be care of scratch
- 2) Be care of connector damage
- 3) Be careful not to damage the battery

#### ※ Caution

- 1) Be careful not to damage the motor

3

Assemble receiver

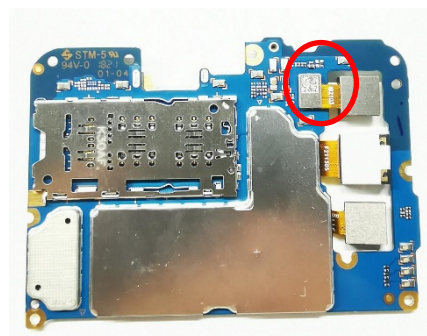


#### ※ Caution

- 1) Be care of several kinds of damage

4

Assemble 2M rear camera



#### ※ Caution

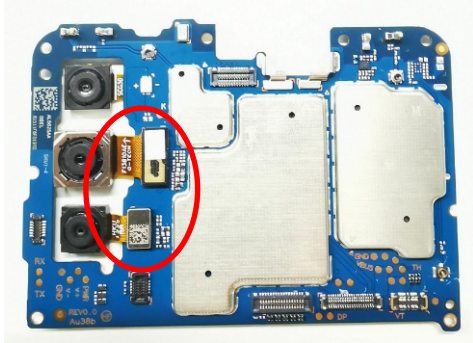
- 1) Be care of scratch
- 2) Be care of connector damage
- 3) Be careful not to damage the PBA



## 7. Level 2 Repair

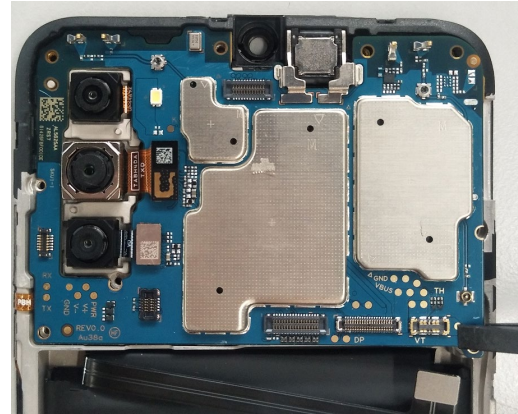
5

Assemble rear camera



6

Assemble main PBA



※ Caution

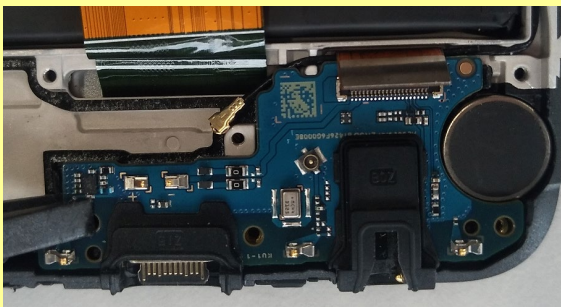
- 1) Be care of scratch
- 2) Be care of connector damage
- 3) Be careful not to damage the PBA

※ Caution

- 1) Be care of scratch
- 2) Be care of connector damage
- 3) Be careful not to damage the PBA

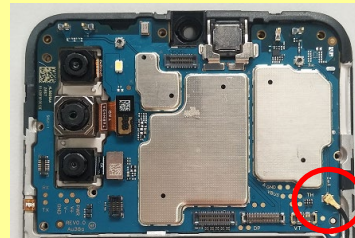
7

Assemble SUB PBA



8

Assemble SUB PBA



※ Caution

- 1) Be care of scratch
- 2) Be care of connector damage
- 3) Be careful not to damage the PBA

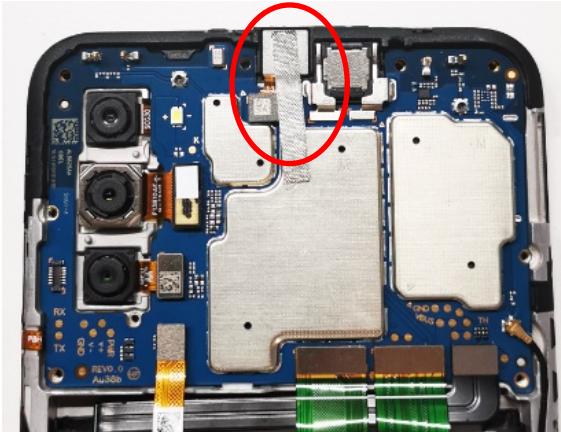
※ Caution

- 1) Be care of connector damage

## 7. Level 2 Repair

9

Assemble front camera and conductive cloth

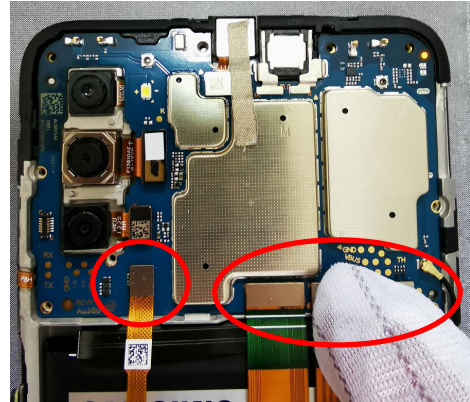


※ Caution

- 1) Be care of scratch
- 2) Be care of connector damage
- 3) Be careful not to damage the PBA

10

Assemble display module connector, fingerprint module connector and battery connector.



※ Caution

- 1) Be careful not to damage the PBA
- 2) Be care of connector damage

11

Assemble B cover

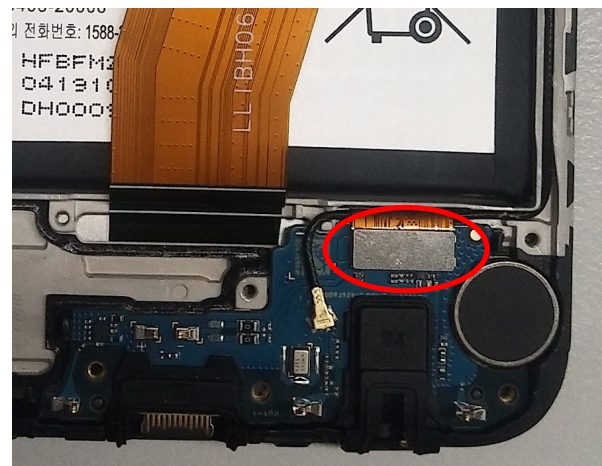


※ Caution

- 1) Be care of scratch

12

Assemble display module connector to SUB PBA



※ Caution

- 1) Be careful not to damage the PBA
- 2) Be care of connector damage

## 7. Level 2 Repair

13

Assemble speaker module



※ Caution

1) Be care of scratch

14

Lock 16ea screws.



※ Caution

1) Be care of scratch

15

Assemble right side of fingerprint to back cover ear



※ Caution

1) Be care of FPC damage.

16

Assemble right side of fingerprint to back cover ear



※ Caution

1) Be care of FPC damage.

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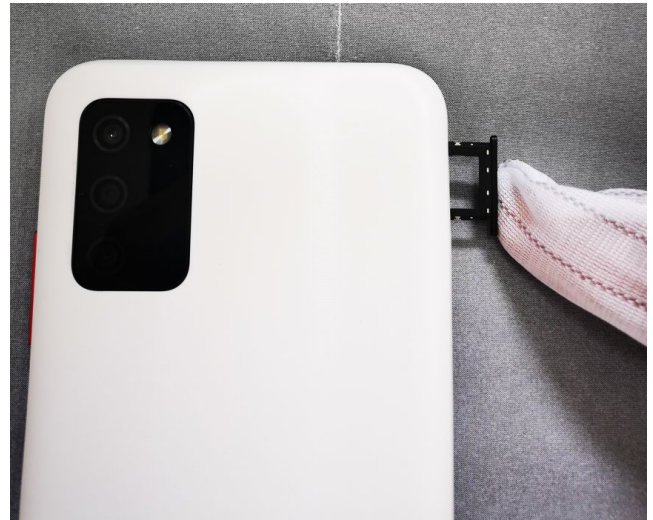
17

Assemble back cover



18

Assemble the SIM tray.



※ Caution

1) Be care of scratch and REAR damage

※ Caution

1) Be care of scratch and REAR damage

19

End of assembly.

