

G-scan3

PART REPLACEMENT MANUAL

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Repair Procedure

Preparation

Chapter 1. Preparation

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Repair Procedure

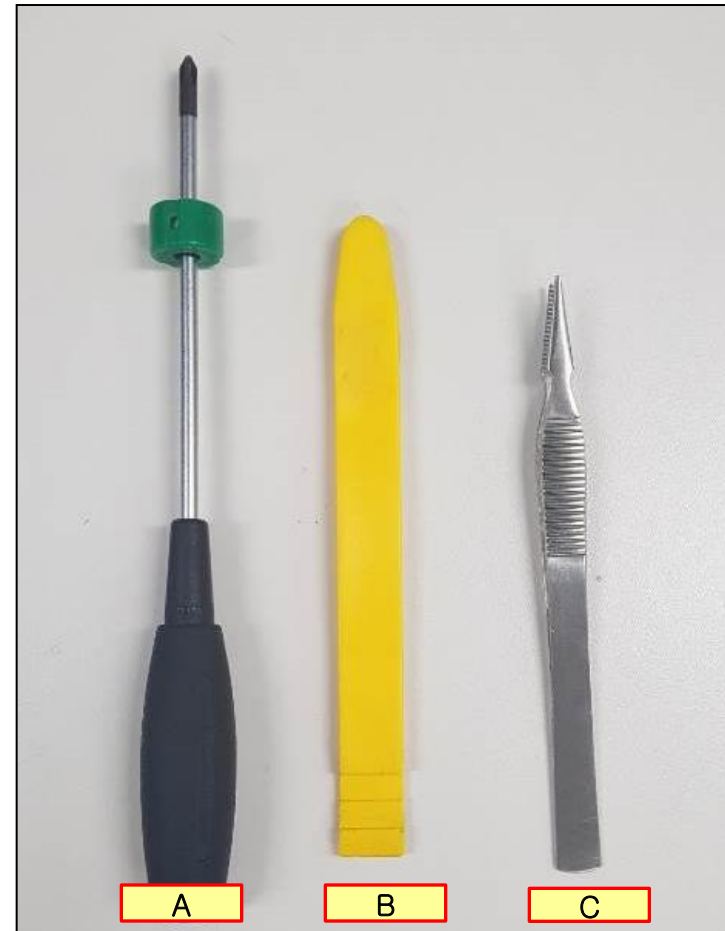
Preparation

1. Tools and Equipment

- A. Screw Driver (medium: +)
- B. Automotive Trim Removal Tool (small)
- C. Tweezer

* Additional Recommended Tools

- A. Anti-static gloves
- B. Power supply (12V 3A or more)
- C. Warranty void seals



Repair Procedure

Disassemble

Chapter 2. Disassembling the Front Case

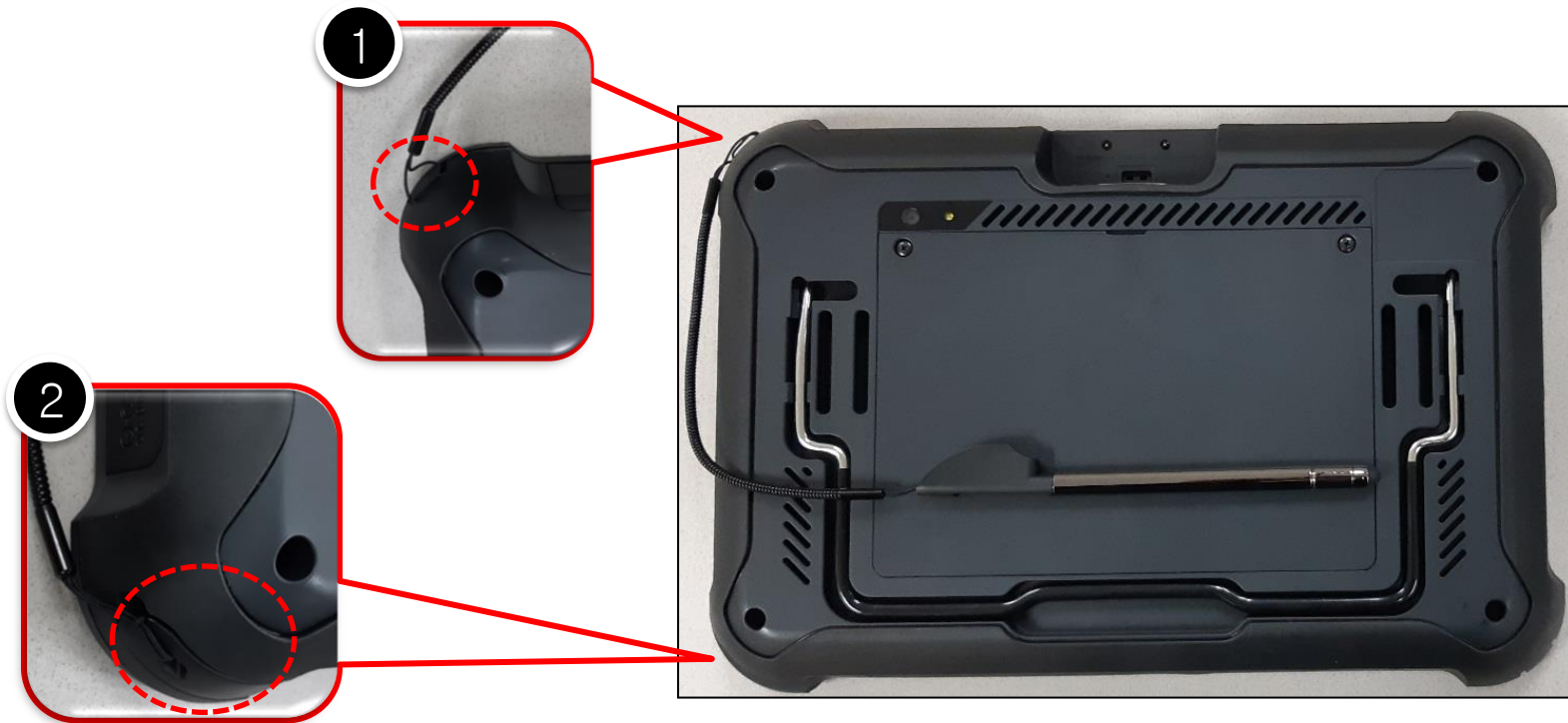
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Repair Procedure

Disassemble

2. Case Opening

2.1. Remove the Stylus Pen



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Repair Procedure

Disassemble

2. Case Opening

1.2. Unscrew the 2 screws from battery cover



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Repair Procedure

Disassemble

2. Case Opening

2.3. Disconnect the connector inside and remove the battery



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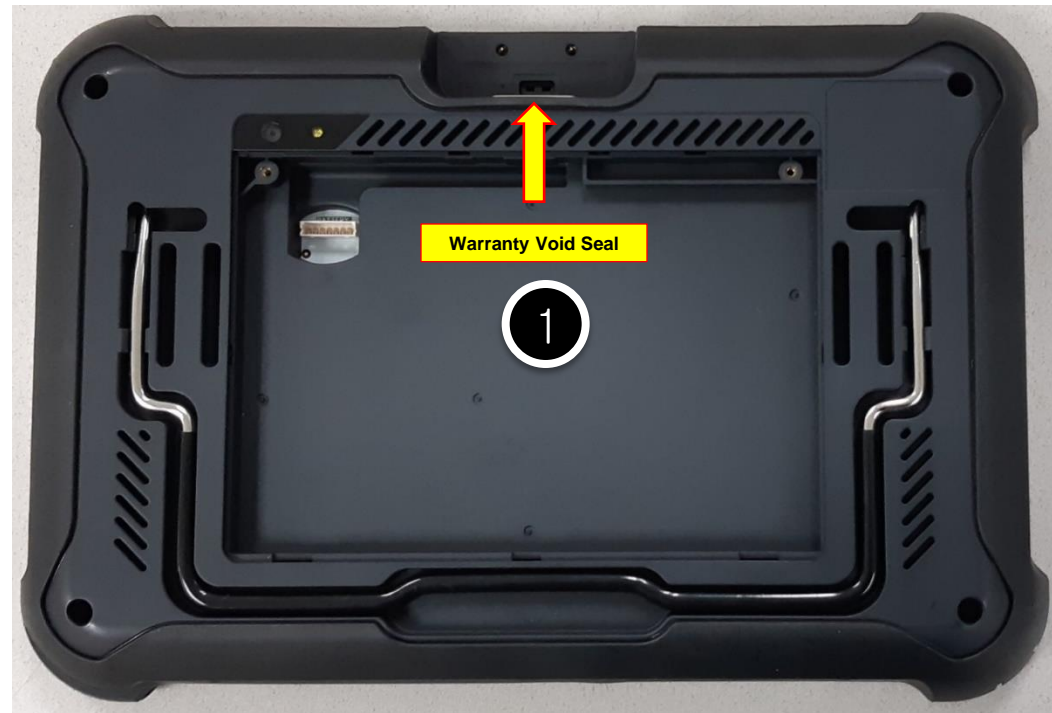
Repair Procedure

Disassemble

2. Case Opening

2.4. Remove the “warranty void seal”

** Warranty void if the seal is broken



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Repair Procedure

Disassemble

2. Case Opening

2.5. Unscrew the 4 screws (M3*10)



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Repair Procedure

Disassemble

2. Case Opening

2.6. Use “trim removal tool” to gently open up each corner of the case



* Too much tension on prying action may damage the LCD while disassembling the front case.



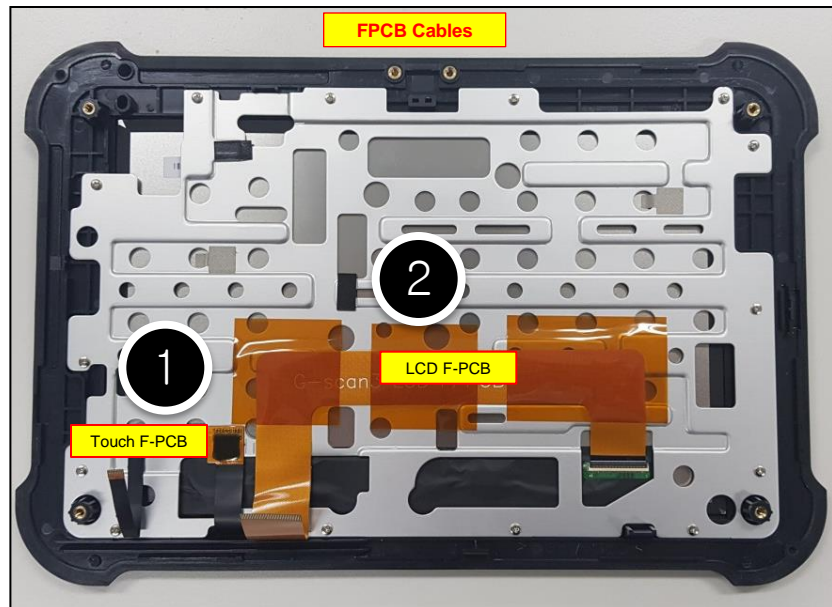
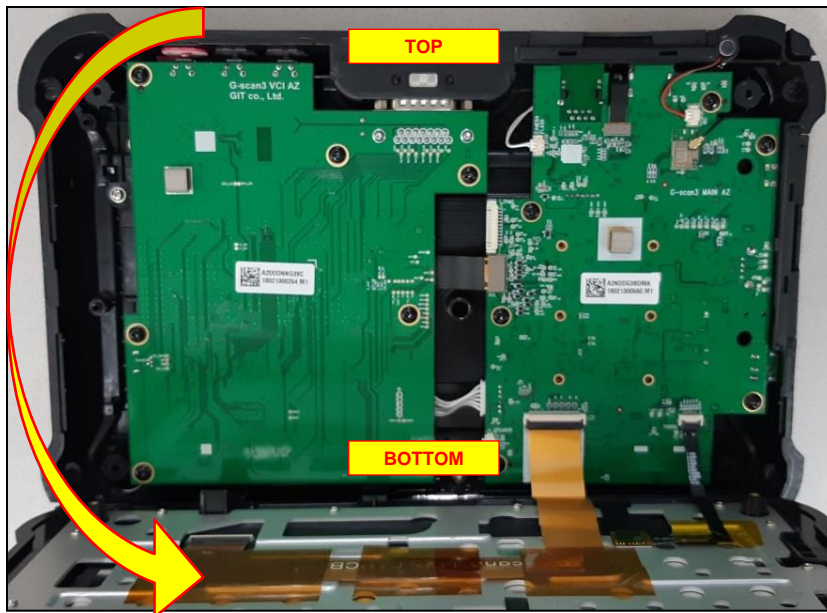
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Repair Procedure

Disassemble

2. Case Opening

2.7. Widen up the top and bottom, and remove all the FPCB cables from LCD and Touch Panel.



** An individual LCD module itself cannot be replaced. Only the front case assembled with LCD shall be replaced at one go.

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Repair Procedure

Disassemble

Chapter 3. LCD Replacement

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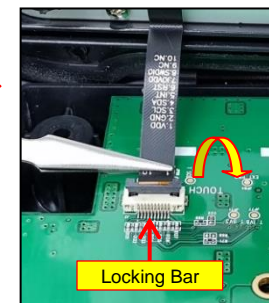
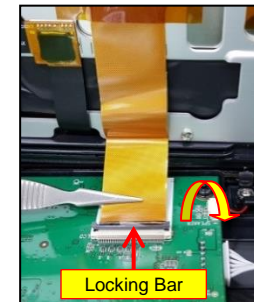
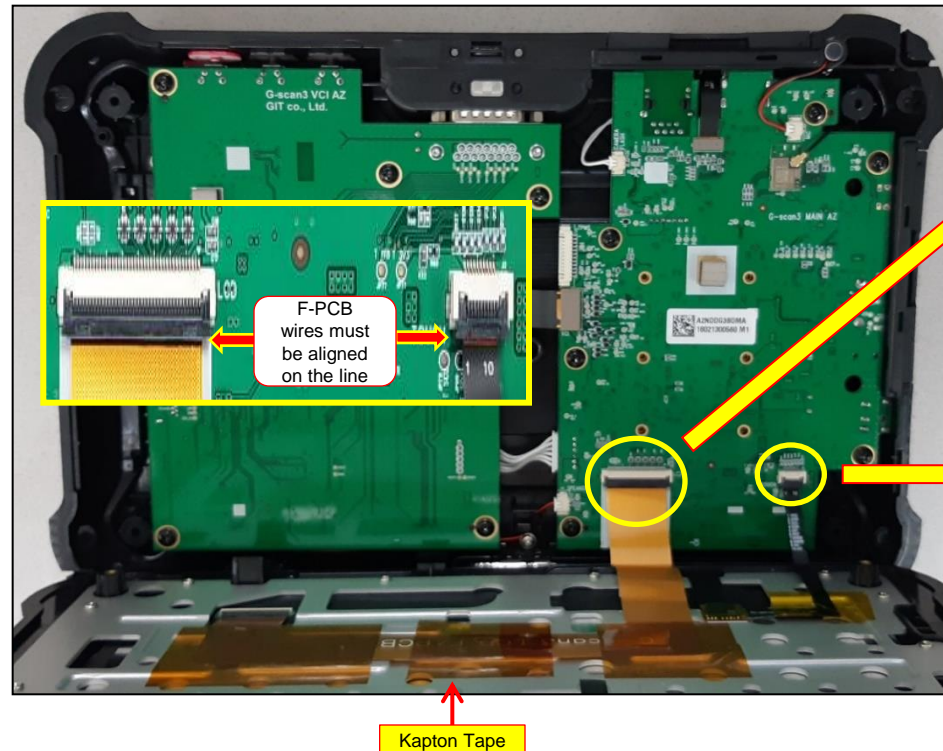
Repair Procedure

Disassemble

3. LCD Replacement

3-1. Put the new LCD in place following the reversed procedure.

3-2. When connecting the F-PCB cables, make sure the wires must be aligned on the line



* Kapton tape should be re-attached after replacing the LCD

* Make sure not to bend the LCD F-PCB cable

* Power on and see if the LCD is working correctly.

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Repair Procedure

Disassemble

Chapter 4. Disassembling the VCI & Main Board

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Repair Procedure

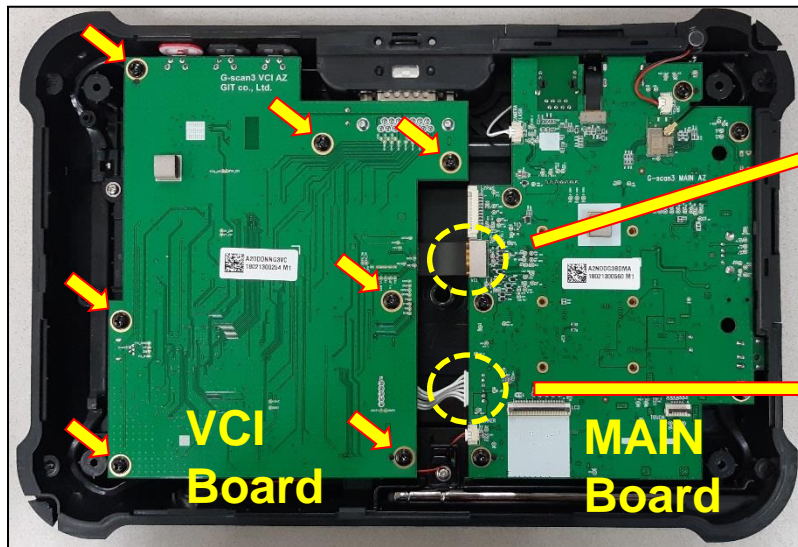
Disassemble

4. Disassembling the VCI Board

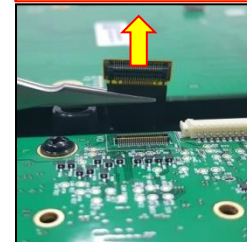
4.1. Unscrew the 7 screws

4.2. Detach the F-PCB cable and 6P connector to remove the VCI board

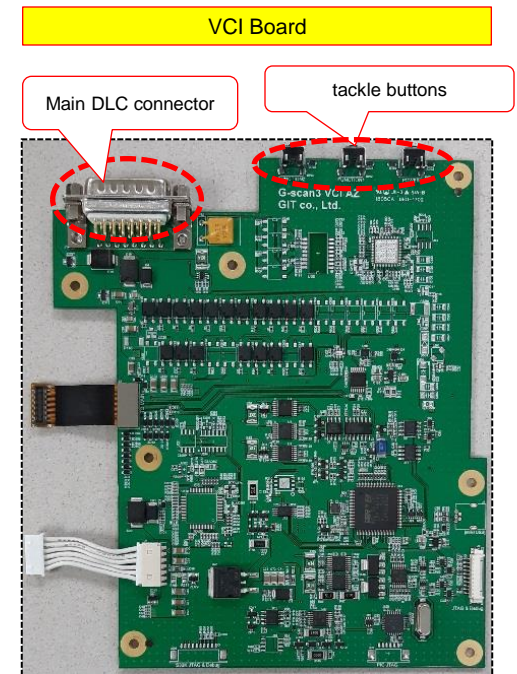
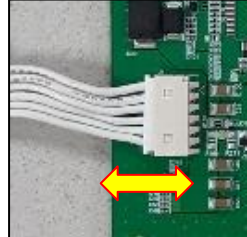
**** VCI board must be replaced in case the "tackle buttons" doesn't work.**



24 pin connector



6 pin connector



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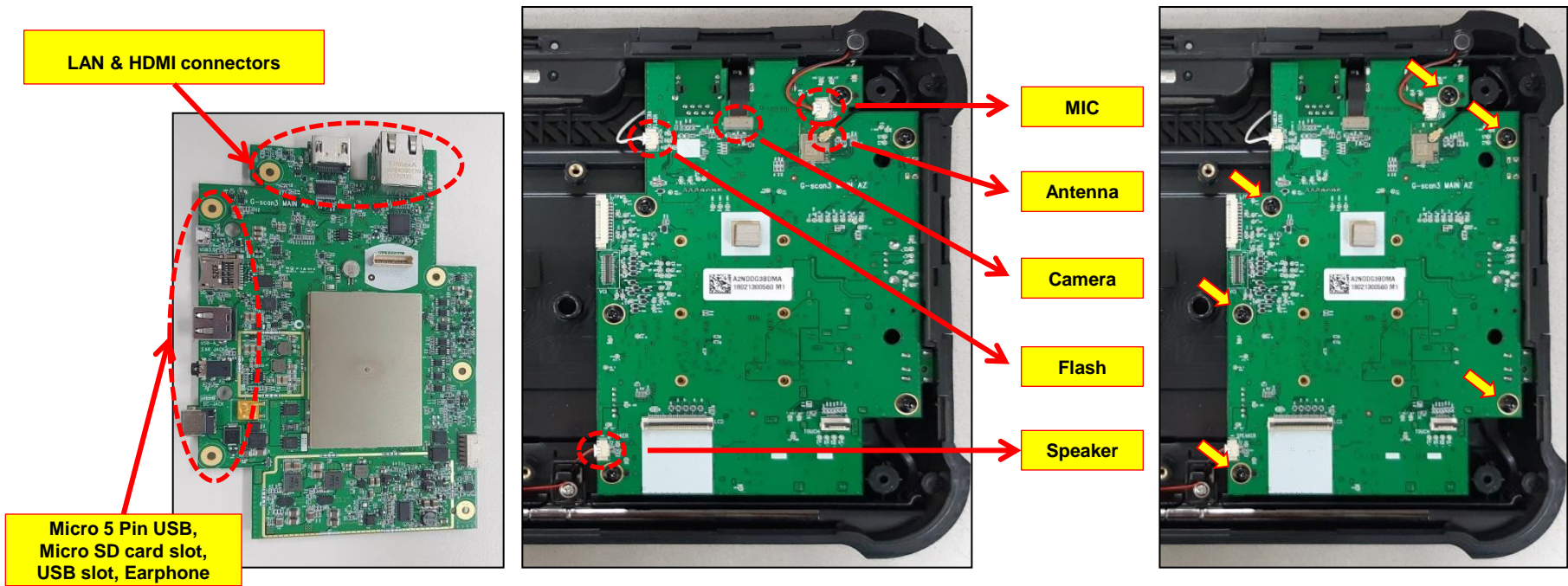
Repair Procedure

Disassemble

4. Disassembling the Main Board

4.3. Remove all the connectors on main board

4.4. Unscrew the 6 screws and detach the board



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Repair Procedure

Disassemble

Chapter 5. Disassembling small parts

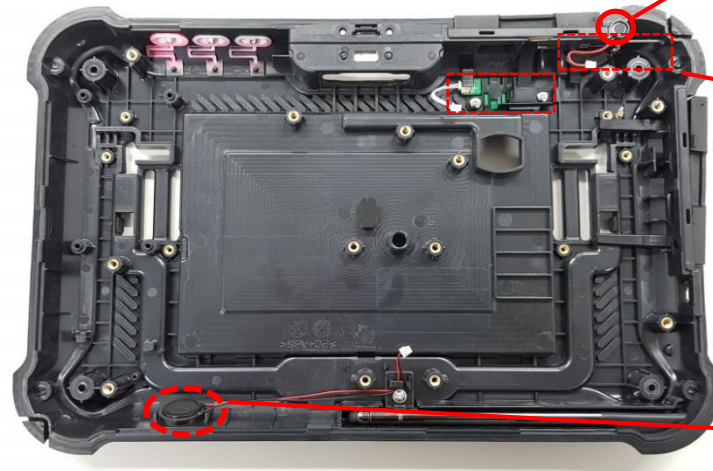
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Repair Procedure

Disassemble

5. Disassembling small parts

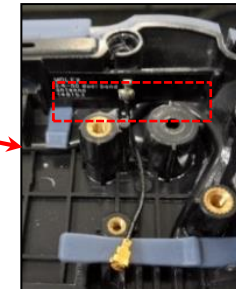
5.1. Entirely remove the double-sided tape around MIC, Antenna, Speaker before detaching the parts



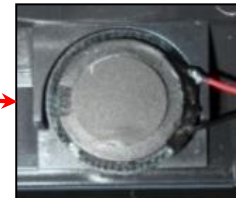
MIC



Antenna



Speaker



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Repair Procedure

Disassemble

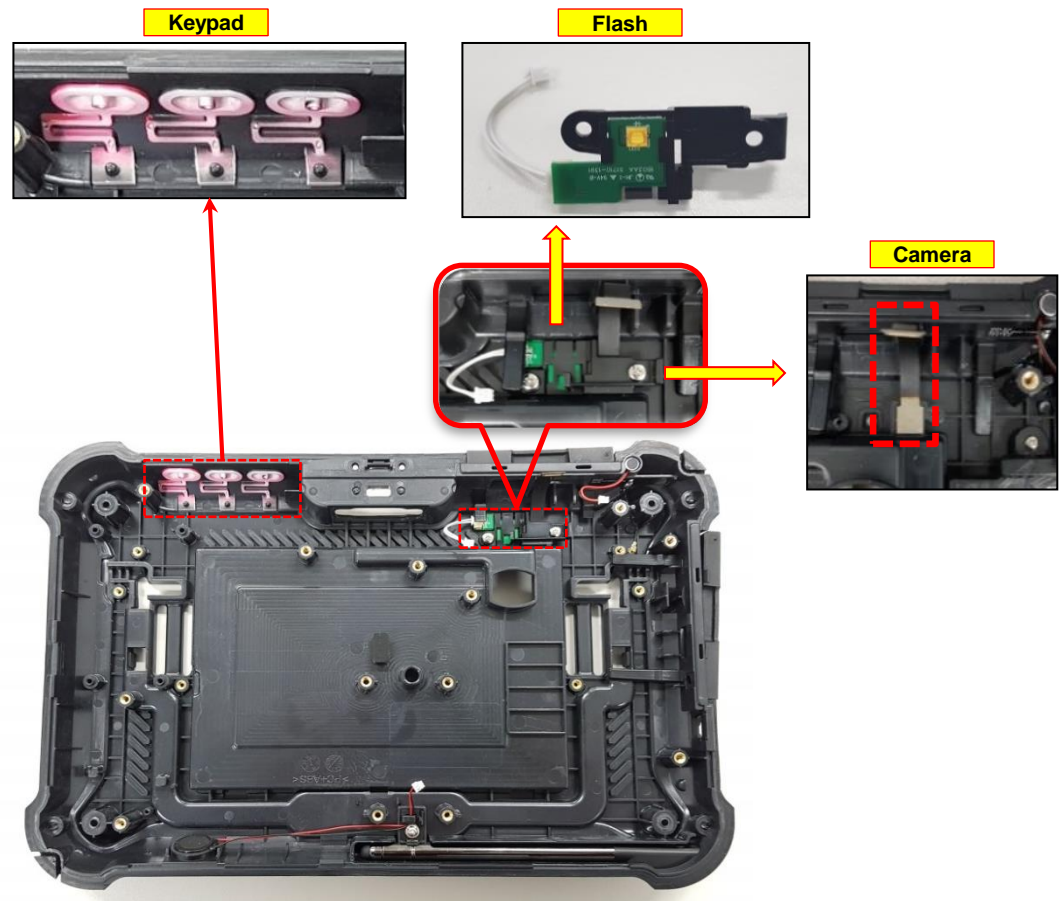
5. Disassembling small parts

5.2. Remove the Flash Module first, when replacing the new camera.

* F-PCB cable must not have any cracks

5.3. Remove the VCI board first, when replacing the new keypad.

* Tighten the new keypad to holes correctly



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Repair Procedure

Assemble

Chapter 6. Assembling

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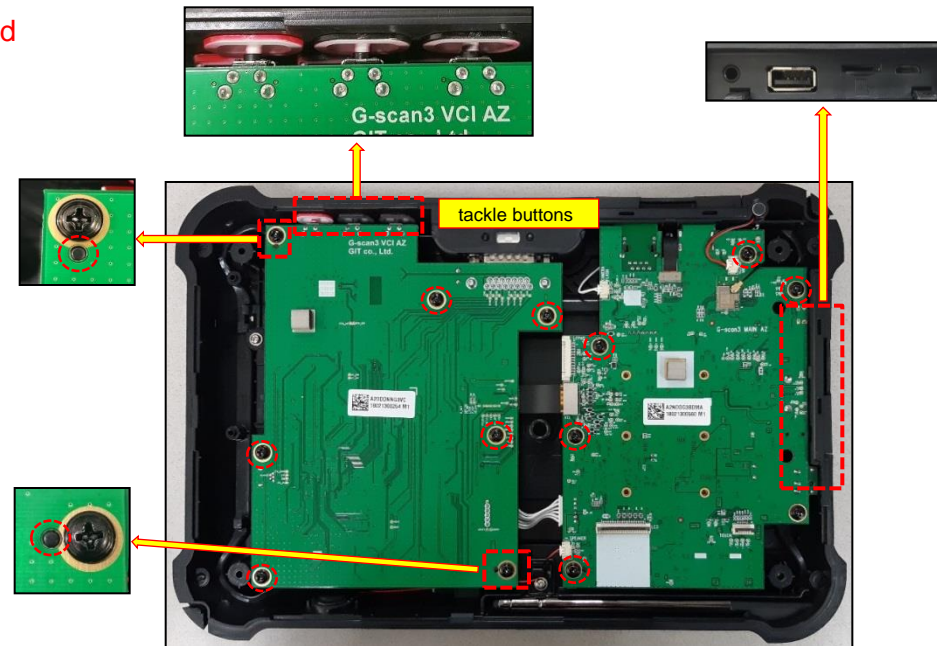
Repair Procedure

6. Assembling

6.1. Insert the connector side USB port first when assembling the mainboard

6.2. Carefully align 2 screw holes on the VCI board and rear case of housing, and check tackle buttons & key pads position as shown below.

* Do not put too much pressure on each part to be over torqued



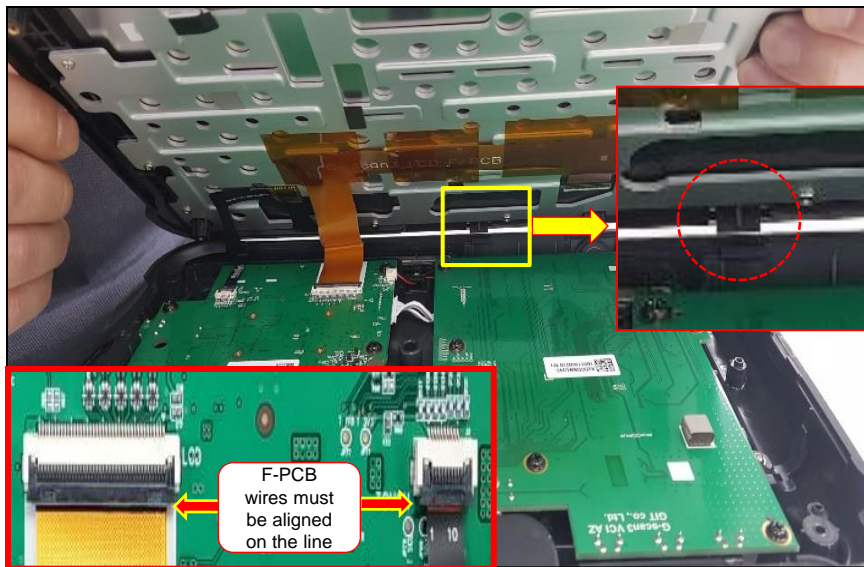
Repair Procedure

6. Assembling Front Case

6.1. Parallel up the touch pad and LCD F-PCB board to assemble in correct line.

6.2. Bottom of the front case should be slide in first and then clip the top part of case

* Make sure the F-PCB board to be cleaned and do not put too much pressure on the parts to be over torqued.



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Repair Procedure

END of Document

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