ASUS TUF Gaming F15 (FX507Z) series

Service Guide

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Disclaimer

ASUS is not responsible for direct, indirect, intentional or unintentional damages resulting from improper installation and operation.

Safety precautions

- Keep liquids or moisture away from your Notebook PC before installing or removing any components.
- Ensure to place your Notebook PC on a stable surface before installing or removing any components.
- Detach the clip or flap before removing the signal cables to prevent damage.
- Disconnect the power plug by pulling the plug evenly to avoid damage. Ensure to connect the signal cables in the correct orientation.
- Disconnect all power cables and remove the battery pack (if applicable) before cleaning your Notebook PC with liquid detergent to avoid risk of electric shock.
- Disconnect all power cables and remove the battery pack (if applicable) before installing or removing any components. Ensure to read and follow the instructions in the manual.
- Before handling components, use a grounded wrist strap or touch a safely grounded object to avoid damaging them due to static electricity.
- Keep liquids or moisture away from your Notebook PC to avoid short circuits.
- Hold components by the edges to avoid touching the ICs.
- Ensure to properly install all the components before connecting the AC power.
- Do not use power adapters or batteries from other devices to reduce the risk of injury to persons due to fire or explosion. Use only certified power adapters or batteries supplied by the manufacturer or authorized retailers.
- Ensure to install the correct screw models on your Notebook PC to prevent damage.

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  - LCD COVER

Service Overview

- **Carefully read through this Service Guide for a look at various components of the device before performing any service and repairs.**

- To provide the best service, we have provided the below information for technicians from distributors and resellers to perform the complete device disassembly and assembly. Before performing the procedures, please be sure to read through the overview in this service guide for component overview to avoid any unwarranted damages to the device hardware.

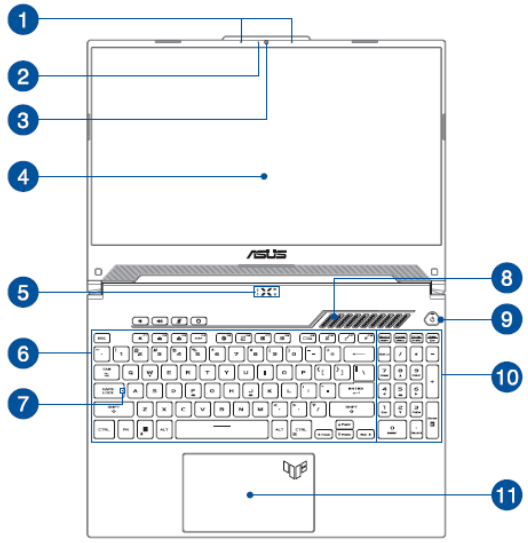
- The following contents include all part numbers mentioned in the service guide are **used for reference only**, if you need the exact part number for ordering, please refer to the OrderBook.

- Due to sales policy difference, the components might have different specifications on the same series product, please refer to E-manual by model.

Due to sales policy difference, the components may have different specifications on the same model. If you have any operational issues, please contact the service hotline.

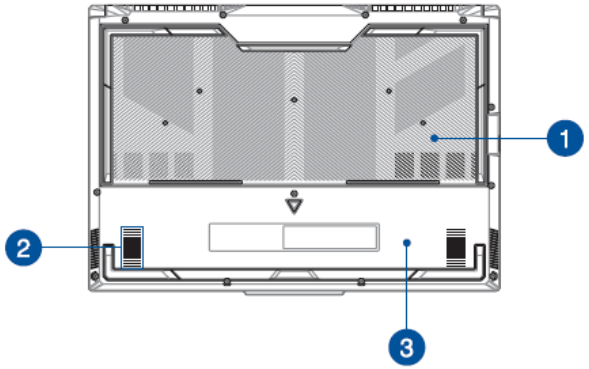
ASUS TUF Gaming F15 (FX507Z) Series Overview

Top View



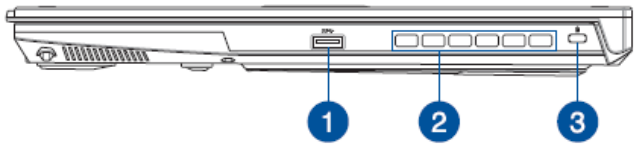
1. Array microphones
2. Camera indicator
3. Camera
4. Display panel
5. Status indicators
6. Keyboard
7. Capital lock indicator
8. Air vents
9. Power button
10. Numeric keypad
11. Touchpad

Bottom View



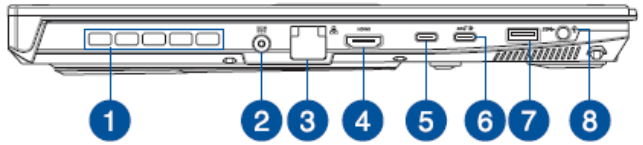
1. Air vents
2. Audio speakers
3. Compartment cover

Right View



1. USB 3.2 Gen 1 port
2. Air vents (on selected models)
3. Kensington® security slot

Left View



1. Air vents
2. Power (DC) input port
3. LAN port
4. HDMI output port
5. Thunderbolt™ 4 port
6. USB 3.2 Gen 2 Type-C®/DisplayPort combo port
7. USB 3.2 Gen 1 port
8. Headphone/Headset/Microphone jack

Components Top View

- LCD COVER



- BASE CASE



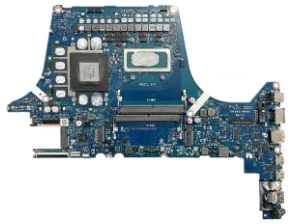
- SSD AL FOIL



- USB FPC



- MAIN BOARD



- TOUCHPAD MODULE



- DIMM COVER MYLAR



- LCD BEZEL



- BATTERY



- DDR



- RAM UNDER MYLAR



- WIFI CARD



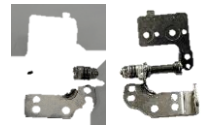
- LED BD



- TP FFC



- HINGE



(L) (R)

- 15.6‘ LCD PANEL



- SSD



- RAM ABSORBER



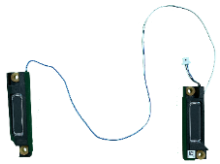
- GPU FAN
- CPU FAN



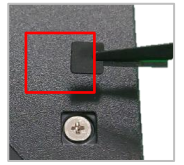
- LED FFC



- SPEAKER



- BEZEL COSMETIC MYLAR



- KEYBOARD MODULE



- SSD ABSORBER



- USB BD



- THERMAL MODULE ASSY

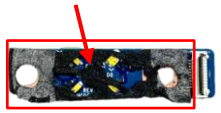


For DDR5 SKU



For DDR4 SKU

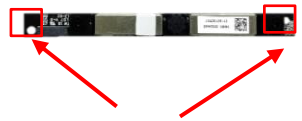
- TOP LED SPONGE



- BATTERY CABLE



- CAMERA



MIC RUBBER

Components Bottom View

◆ LCD COVER



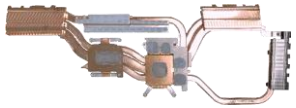
◆ KEYBOARD MODULE



◆ THERMAL MODULE ASSY

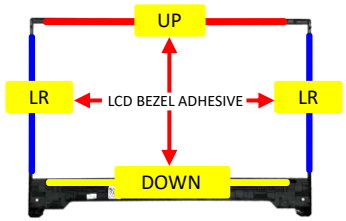


For DDR5 SKU

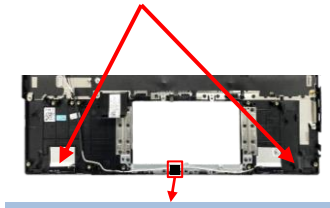


For DDR4 SKU

◆ LCD BEZEL



◆ WIFI ANTENNA



ANTENNA FIX ACETATE CLOTH

◆ EDP CABLE



◆ 15.6‘ LCD PANEL



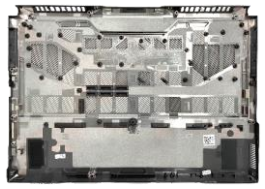
◆ USB BD



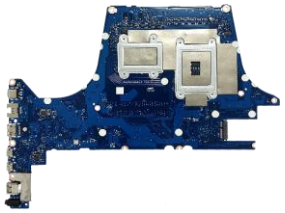
◆ TOUCHPAD MODULE



◆ BASE CASE



◆ MAIN BOARD



Repair Overview

This chapter describes disassembly and assembly (Assemble document please look up from the last page), please follow the information provided in this section to perform the complete disassembly procedure.

◆ **Precautions:**

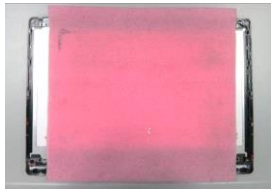
Before you perform any service or repair on the notebook, please pay special attention to the cautions prevent any damages to the notebook.

1. Be sure that the notebook is powered down.
2. Before disassembling any part, please disconnect all power source. ex: AC plug/Battery connector/Power protect screw etc.

3. Remove all rings, watches and any other metal objects from your hands.




4. Always wear a ground strap on your hand to protect the notebook from static discharge.
5. Please refer to “ANSI ESD S20.20” about ESD protection measure.
6. Put the disassembled parts in the functional PE BAG to avoid any damages of the A/B/C/D part.




7. The maintenance environment temperature is 20-30 ℃ and humidity is 40% - 70%.
8. To avoid scratching on the surface of machine; please use anti-static and soft materials to put on desk in repair environment as below photo.



9. Screw Appearance Criteria:

   If the screws have the following damaged appearance, please do not use.

   a. Shape deformed.
   b. Damaged head – unable to drive in or the stripped screw.
   c. Damaged unable to securely tighten.
   d. Paint scratched off.
   e. Rusty



10. The following chapter includes all part numbers mentioned in service guide are used for reference only, actual part name depends on different SKU, if you need the exact part number for ordering, please refer to the Orderbook.

11. Due to sales policy difference, the components may have different specifications on the same model. Please note that all pictures and components shown on Service Guide are for disassembly/assembly description purpose only, so please refer to the actual product for disassemble/assemble.

Appropriate Tools

Please prepare and select the appropriate tools to disassemble/assemble for the **ASUS TUF Gaming F15 (FX507Z) series** notebook.

♦ Screwdriver

Please accord to different screw specification to choose different screwdriver and head.

#1 

♦ Plastic Blade



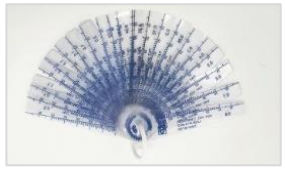
♦ Plastic Tweezers

Use a pair of tweezers to remove/insert/tidy up cables.



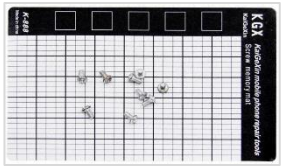
♦ Thickness Gauge

Thickness compass specification 0.05mm-1.5mm. Use it to measure the gap.



♦ Magnetism Board

Suggest local buy magnetism board to place screw, avoid mix different type screw to cause assembly damage.



♦ Alcohol 95



♦ Glove



♦ Dust-free Cloth



♦ Thermal Pad



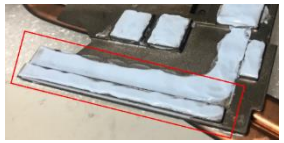
♦ PLASTIC CARD T=0.35mm



♦ PLASTIC PICK T=0.5mm



♦ FCR-AS Thermal Grease



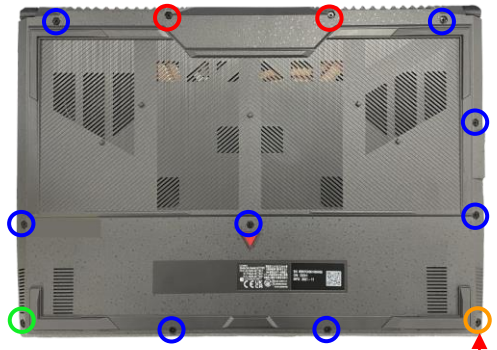
BASE CASE

Disassembly Notice

Step 1 : Remove the screws *11pcs.
Step 2 : Use the plastic blade to pry the base case.

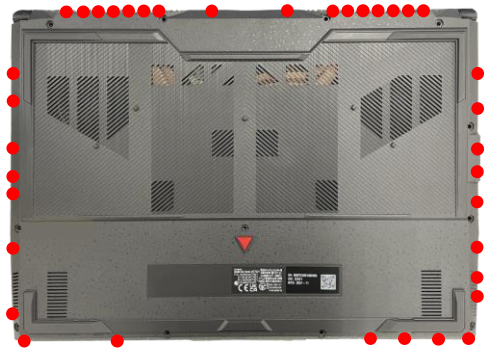
Screws	QTY	Spec	Torque (kgf-cm)
	2	M2.5*12L(4.5,0.8) (K) #1	2.5
	8	BK：M2.5*9.5L(4.6,0.85) (K)#1 WH：M2.5*9.5L(4.5,0.8) (K)#1	2.5
	1	BK：M2.5*8L(4.6,0.8) (K) #1 WH：M2.5*8L(4.5,0.8) (K)#1	2.5
	1	BK：M2.5x8L(4.5,0.9) (K)#1 WH：M2.5x8L(4.5,0.9) (K)#1	2.5

1

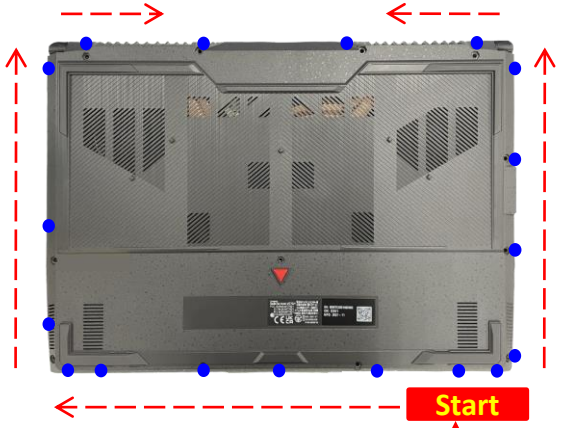


⚠ The screw is unable to remove from bottom case, so please always loosen it last, and lock it at first.

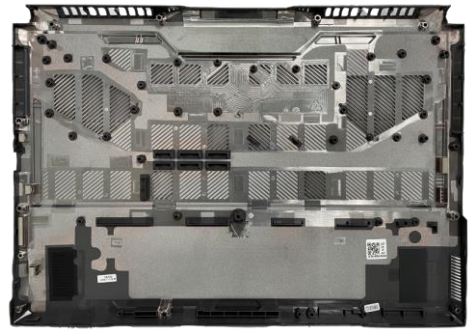
2



⚠ To avoid the bottom case hook, don't insert plastic blade in each red circle.



⚠ Please follow above arrow direction with using plastic blade to pry bottom case in each blue circle location.
(To avoid the bottom case hook, please prying at each blue circle location.)





BATTERY

Disassembly Notice

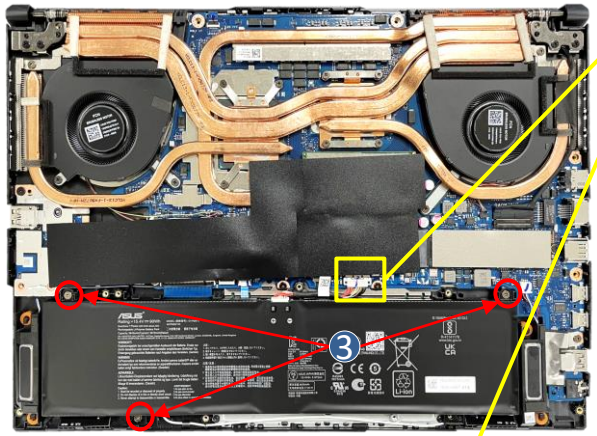
Please be sure to pull out adapter and disconnect the battery.

⚠ Before disassembly battery connector, please be sure to pull out adapter and disconnect the battery more than ten seconds in order to IC damage.

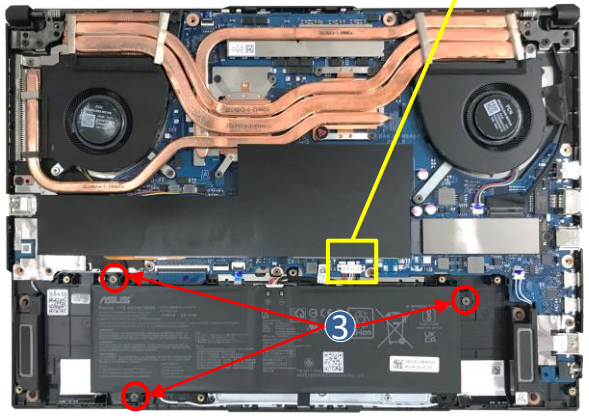
Step 1 : Use the non-conductive pry tool to push iron sheet.
Step 2 : Use the non-conductive pry tool to disconnect battery connector.
Step 3 : Remove the screws from the battery*3pcs.
Step 4 : Remove the BATTERY.
Step 5 : Disconnect the BATTERY CABLE from the BATTERY.

Screws	QTY	Spec	Torque(kgf-cm)
	3	M2*4L (5,0.8) (K) #1	2.0

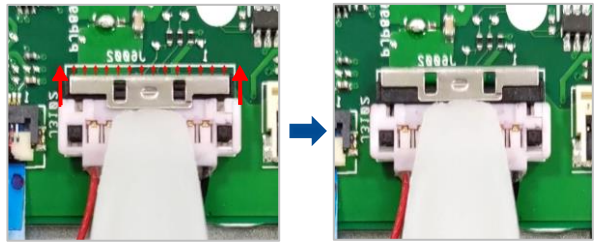
90Wh



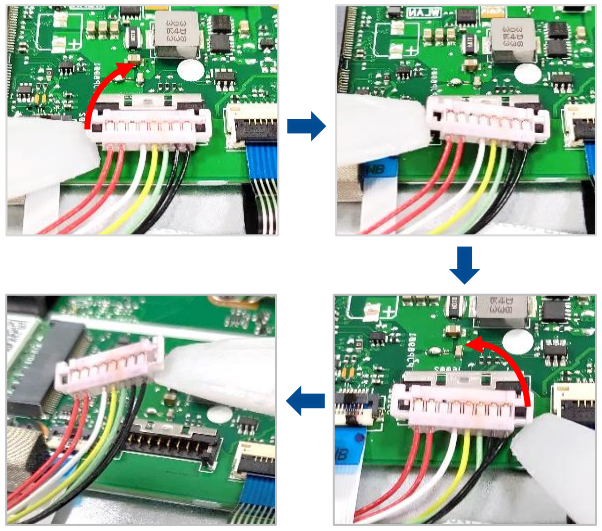
56Wh



1



2



4 Remove

90Wh



56Wh



5 Disconnect



SSD

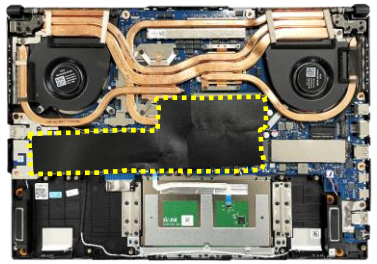
Disassembly Notice Please be sure to pull out adapter and disconnect the battery.

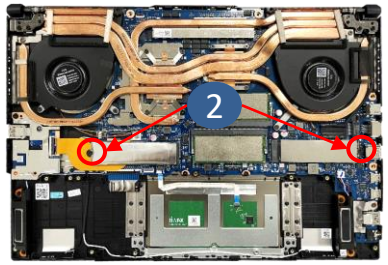
Step 1 : Tear off the DIMM COVER MYLAR *1pc.
Step 2 : Remove the screws *2pcs.
Step 3 : Remove the SSD at left side, and remove the AL FOIL and tear off the ABSORBER from SSD.
Step 4 : Remove the SSD at right side, and tear off the ABSORBER from SSD.

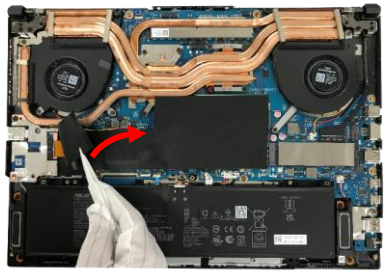
Screws	QTY	Spec	Torque (kgf-cm)
T ○	2	M2*3L (5.6,0.8) (K) #1	2.0

⚠ Please check and remove the spec label from the ABSORBER, and paste it back to the old SSD

1 Tear off







⚠ Be careful with top Mylar. The Wrong direction of tearing maybe cause damage.



3 Remove



Remove

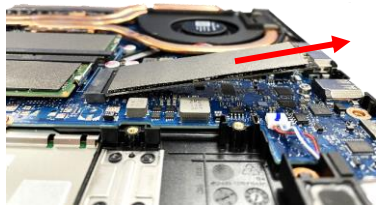


Tear off





4 Remove



Tear off

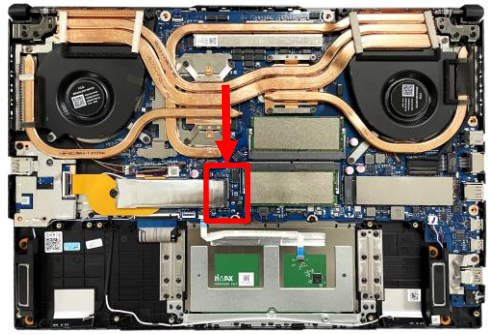




SSD

Assembly Notice Please be sure to pull out adapter and disconnect the battery.

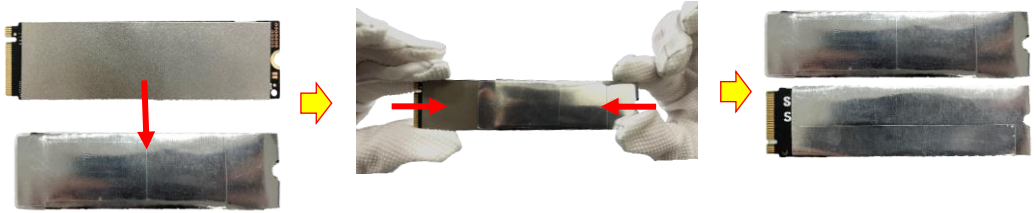
A Please use this SSD slot as first priority.



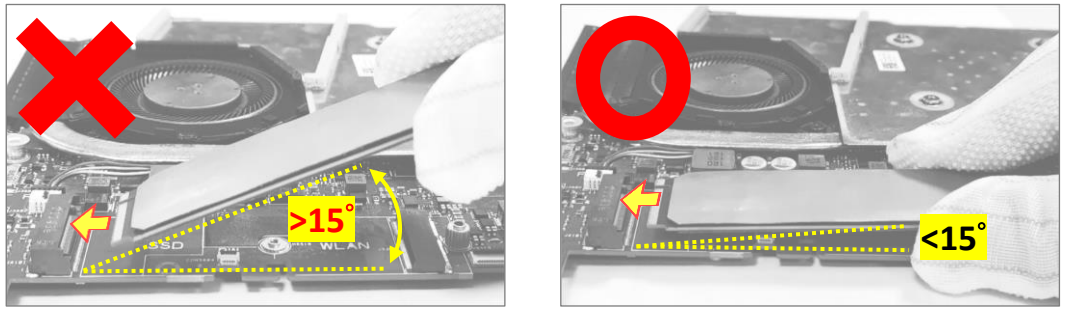
B Paste the ABSORBER on the new M.2 card (SSD).



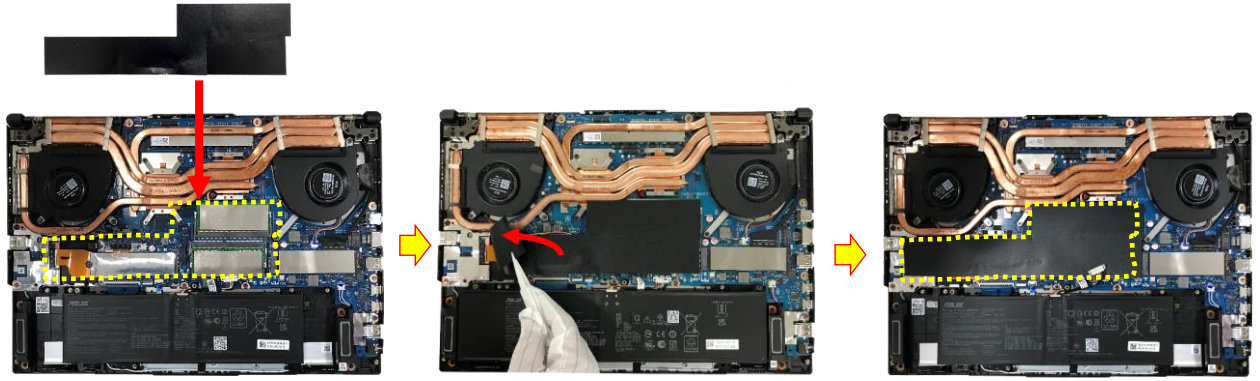
C Put the left-M.2 card (SSD) into the AL FOIL*1pc before inserting it into the left-SSD slot.



D When installing the SSD, please keep the SSD less then 15 degrees with motherboard, and then insert the SSD.



E After installing the SSD, please paste the DIMM COVER MYLAR on below location. (yellow mark)

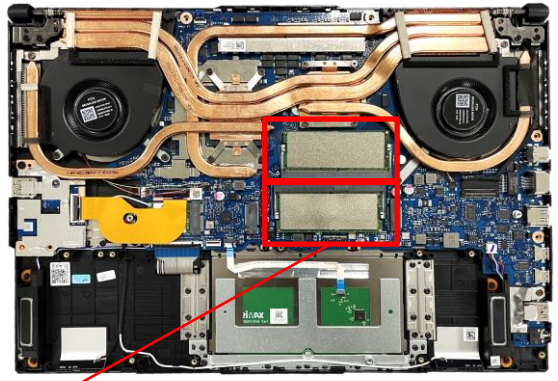


DDR

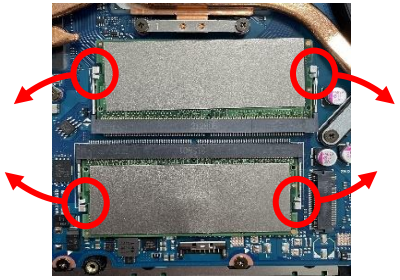
Disassembly Notice

Please be sure to pull out adapter and disconnect the battery.

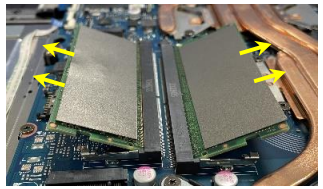
Step 1 : Unlock and remove the RAM module *2pcs (red mark).
Step 2 : Tear off the two ABSORBERS from each of the front and back sides of the RAM, and please note that the label must be paste on the RAM.



1 Unlock



Remove

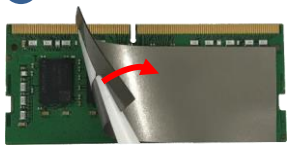


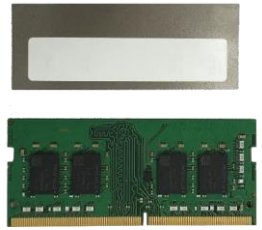


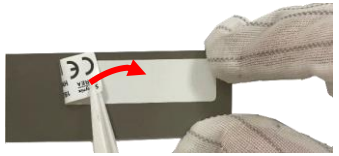
2pcs

⚠ Please check and remove the spec label from the ABSORBER, and paste it back to the old RAM.

2 Tear off







Paste onto





2pcs



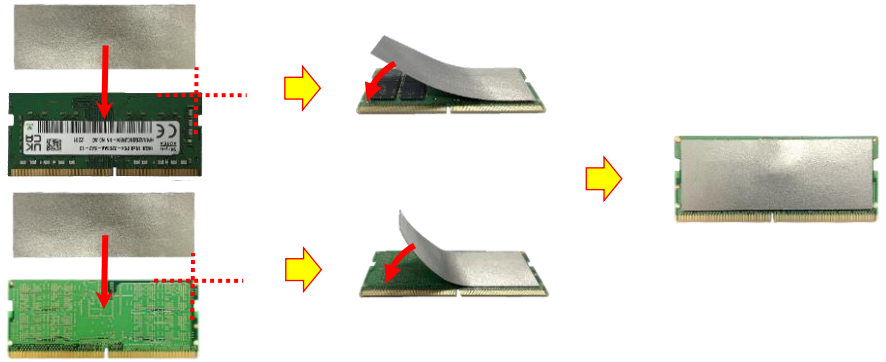
4pcs

Assembly Notice

⚠ Please paste ABSORBERS on the front and back sides of RAM before installing the Memory Module.

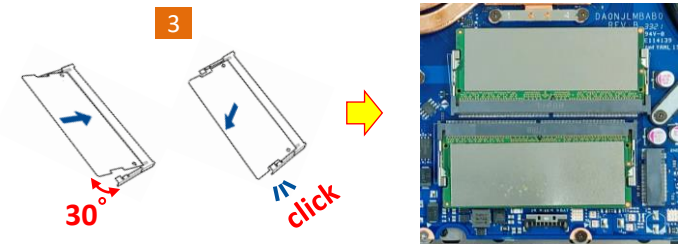
Step 1 : Paste the two ABSORBERS on the new RAM front and back side.
Step 2 : Align and insert the new RAM module at 30° into the memory slot.
Step 3 : Once properly inserted, push down the RAM module until it clicks in place.

1



2

3

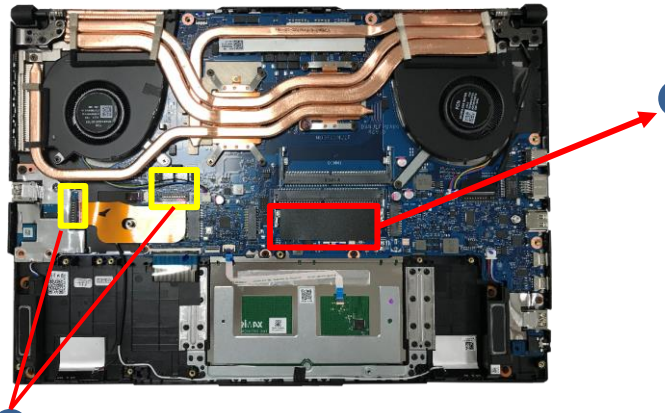


USB BD

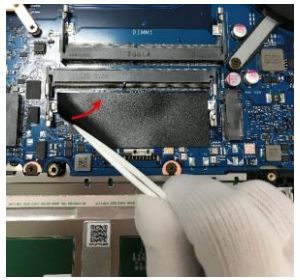
Disassembly Notice Please be sure to pull out adapter and disconnect the battery.

Step 1 : Tear off the MYLAR (red mark) below the DDR.
Step 2 : Disconnect the USB FPC connector (yellow mark) and remove the USB FPC.
Step 3 : Remove the screw *1pc and remove the USB BD.

Screws	QTY	Spec	Torque (kgf-cm)
	1	M2*3L (5.6,0.8) (K) #1	2.0

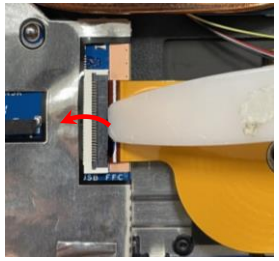


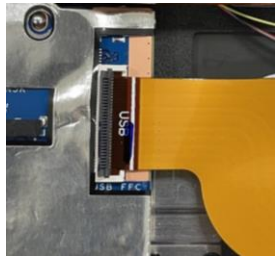
1 Tear off

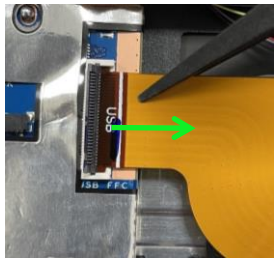




2 Disconnect



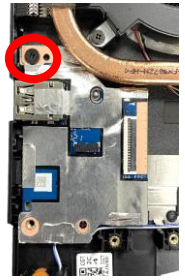


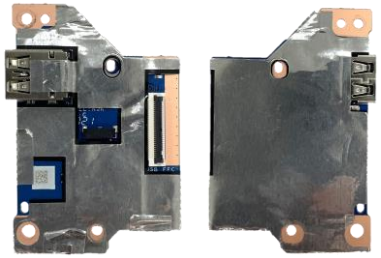


Remove



3 Remove





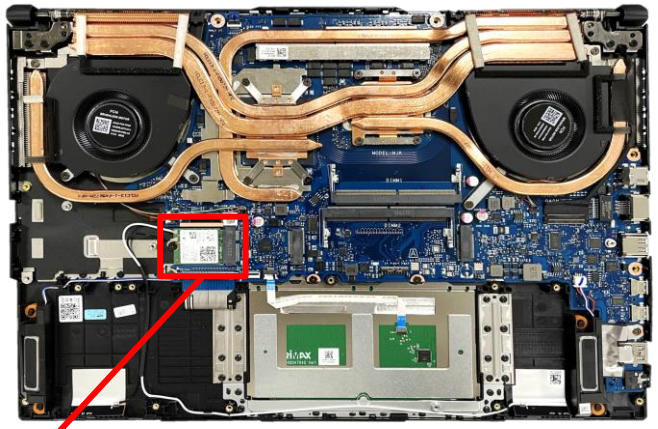
WIFI CARD

Disassembly Notice

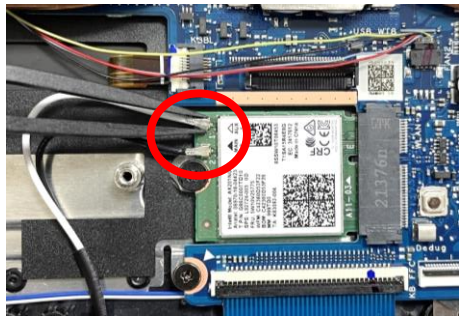
Please be sure to pull out adapter and disconnect the battery.

Step 1 : Disconnect the RF CABLE connector *2pcs.
Step 2 : Remove the screw *1pc.
Step 3 : Remove the WIFI CARD.

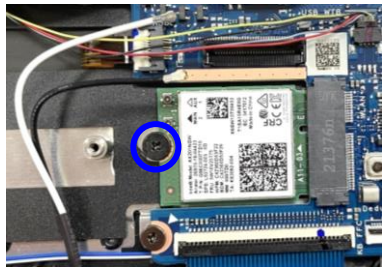
Screws	QTY	Spec	Torque (kgf-cm)
	1	M2*3L (5.6,0.8) (K) #1	2.0



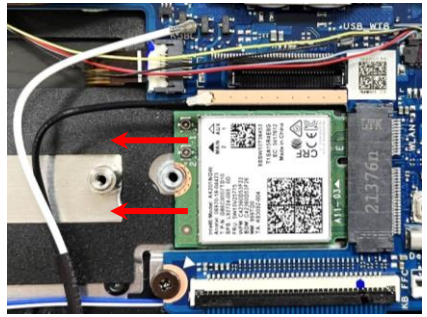
1 Disconnect



2 Remove



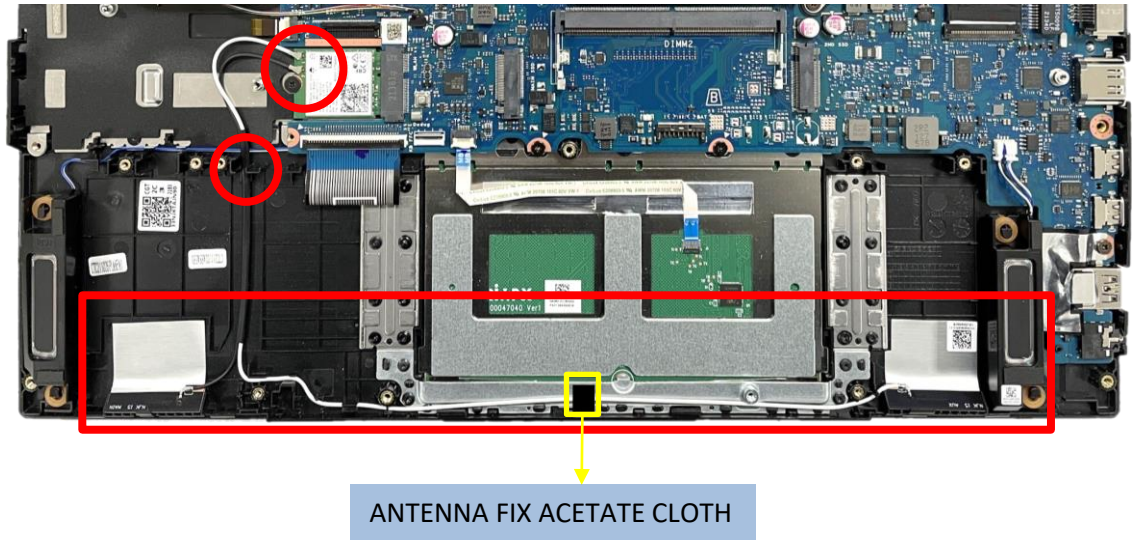
3 Remove





Assembly Notice

⚠ Please according to below image to assemble and tidy up WIFI ANTENNA.



FAN (with THERMAL MODULE and MAIN BOARD)

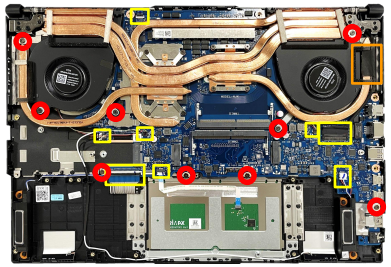
Disassembly Notice

Please be sure to pull out adapter and disconnect the battery.

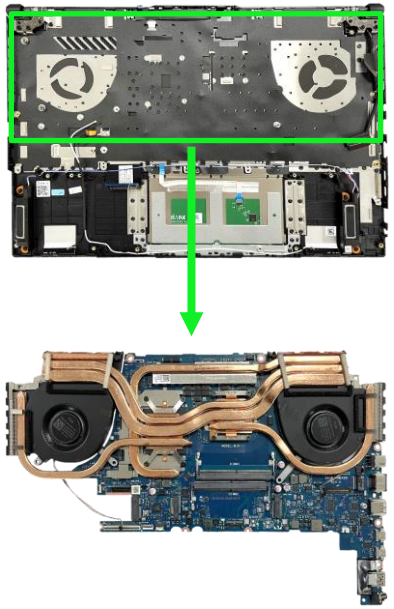
Step 1 : Disconnect the connectors *8pcs (yellow mark) and release EDP cable tape (orange mark).
Step 2 : Remove the screws *9pcs (red mark).
Step 3 : Remove the MB with Thermal and FAN module.
Step 4 : Remove the FAN *2pcs.

Screws	QTY	Spec	Torque (kgf-cm)
	9	M2*4L (5,0.8) (K) #1	2.0

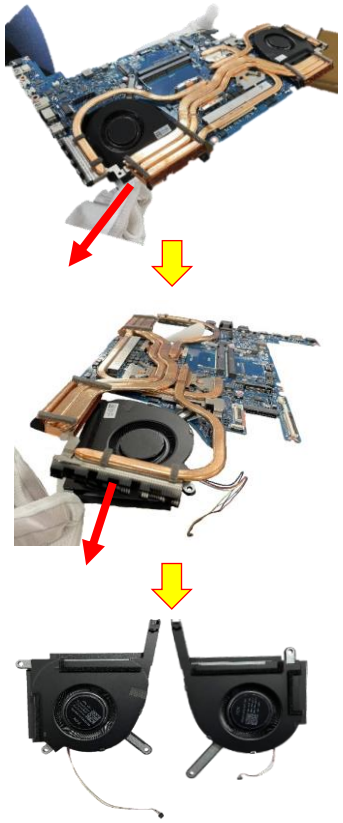
1. Disconnect (Yellow mark) & Release (Orange mark)
2. Remove (Red mark) screws



3. Remove module (MB+Thermal+FAN)



4. Remove FAN

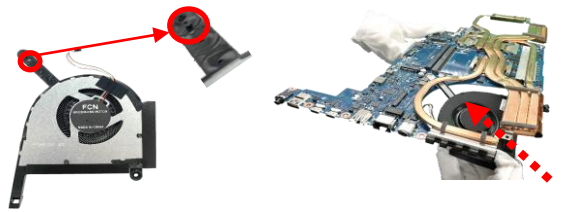


Assembly Notice

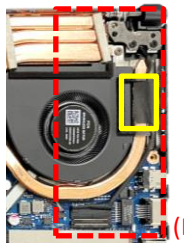
⚠ Please use the correct technique to take fans off to avoid getting out of shape.



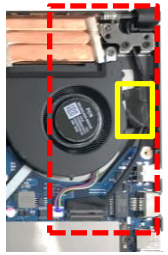
⚠ There is positioning boss on the fan.
when assembling the fan, insert the fan obliquely.
after assembly, make sure that the positioning boss are fixed on the corresponding positioning holes.



⚠ Please follow the red mark to tidy up the EDP cable, and paste the tape back (yellow mark).



(For DDR5 SKU)



(For DDR4 SKU)

THERMAL MODULE

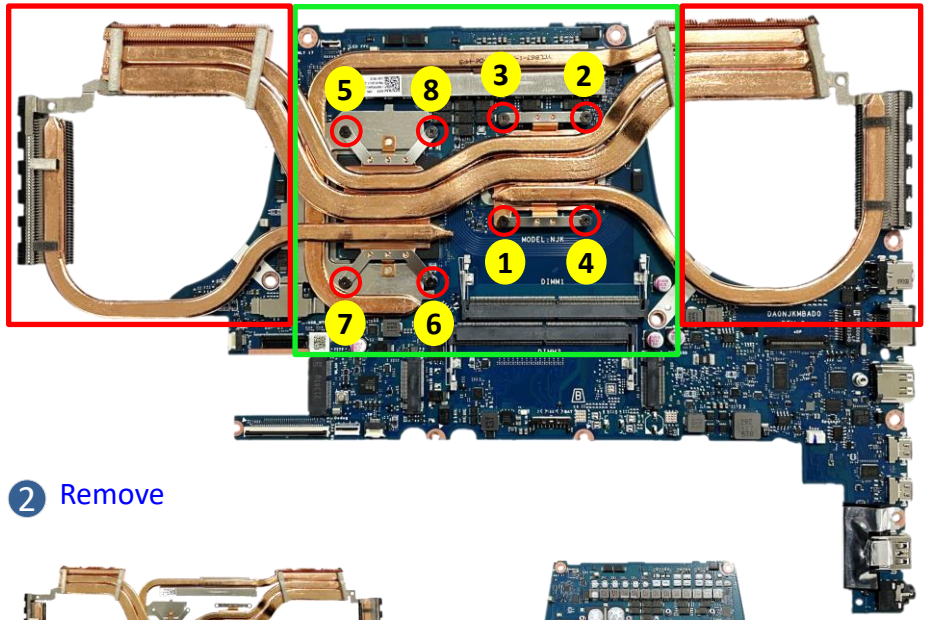
Disassembly Notice

Please be sure to pull out adapter and disconnect the battery.

Step 1 : Please follow the reverse screws numbers to remove screws *8pcs.
Step 2 : Remove the THERMAL MODULE from MB.

⚠ Recommend that the force point is at green block, and pull up thermal module to take it out. Do not pull up at red block and also notice the thermal pipe should not have deformation.

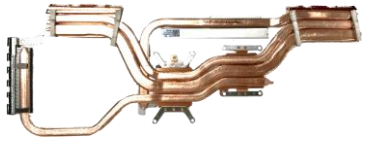
1



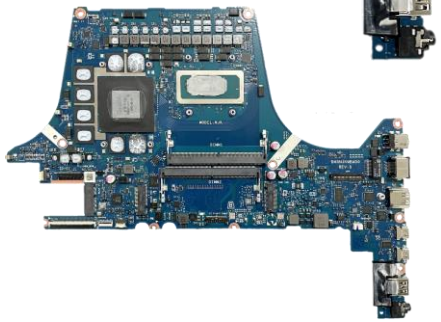
2 Remove



For DDR5 SKU



For DDR4 SKU



Screws	QTY	Spec	Torque (kgf-cm)
	8	M2*4L (5,0.8) (K) #1	2.0

Assembly Notice ⚠

Step-1

- THERMAL MODULE Location:[VRAM/CHOKE/MOS]
  Material: FCR-AS Grease

- MB Location:[GPU/CPU]
  Material: TH PAD PTM7958)

Step-2

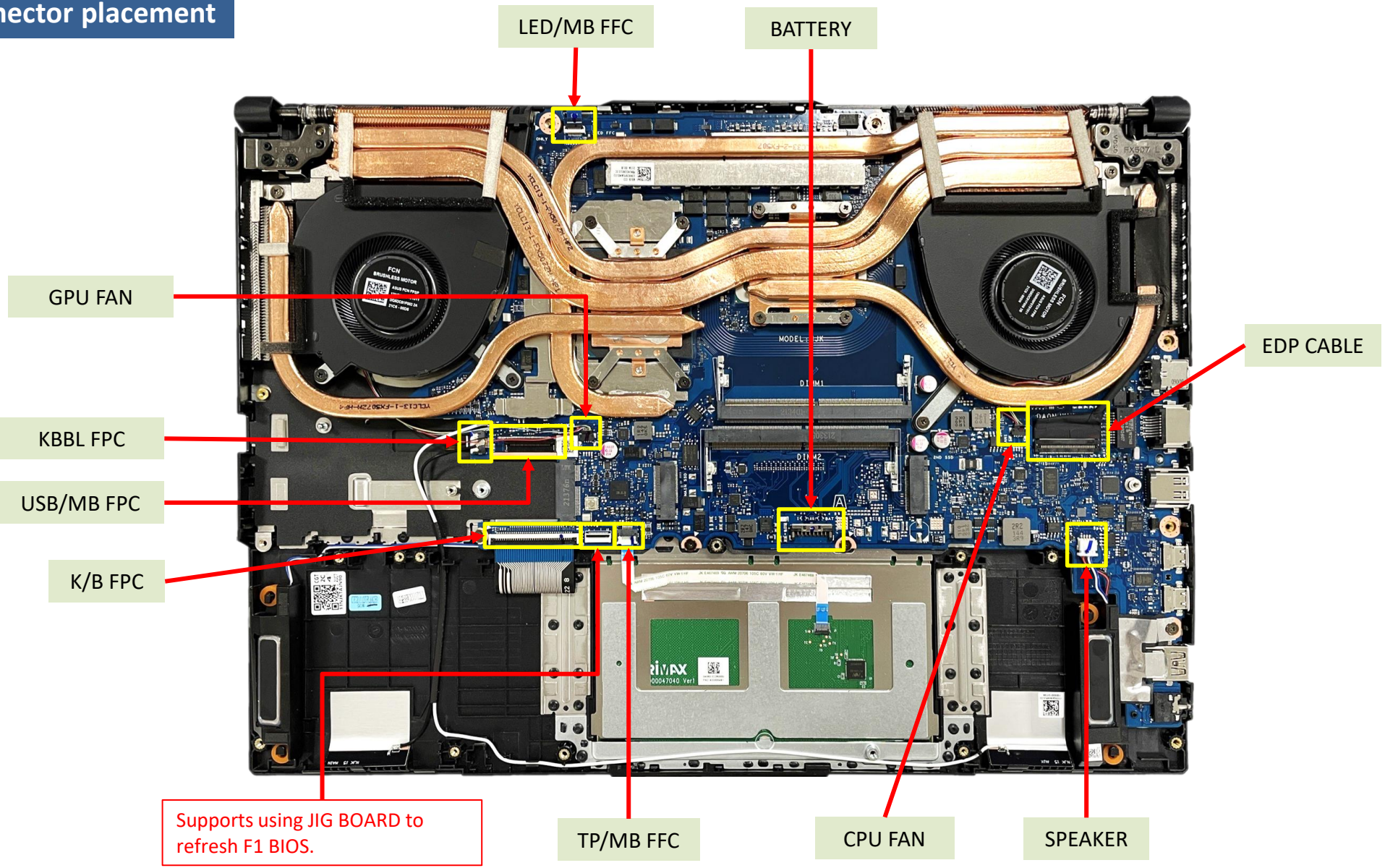
Please follow the screws numbers to lock screws *8pcs.

IMPORTANT! Thermal paste, thermal pads, liquid metal, or other thermal interface materials must be thoroughly removed and replaced if this component is removed. Ensure that replacement materials are available before proceeding, or contact an authorized service center for assistance.

WARNING! The heat sink contains liquid metal and should only be removed by authorized service personnel. Significant damage may occur to motherboard components if the heat sink is improperly removed.

MAIN BOARD

Mainboard connector placement



Materials on mainboard

⚠ Parts marked in yellow can be ordered/replaced separately at L2 repair level. When L3/L4 repair finished, no need to paste new one if shortage of this material on the MB.

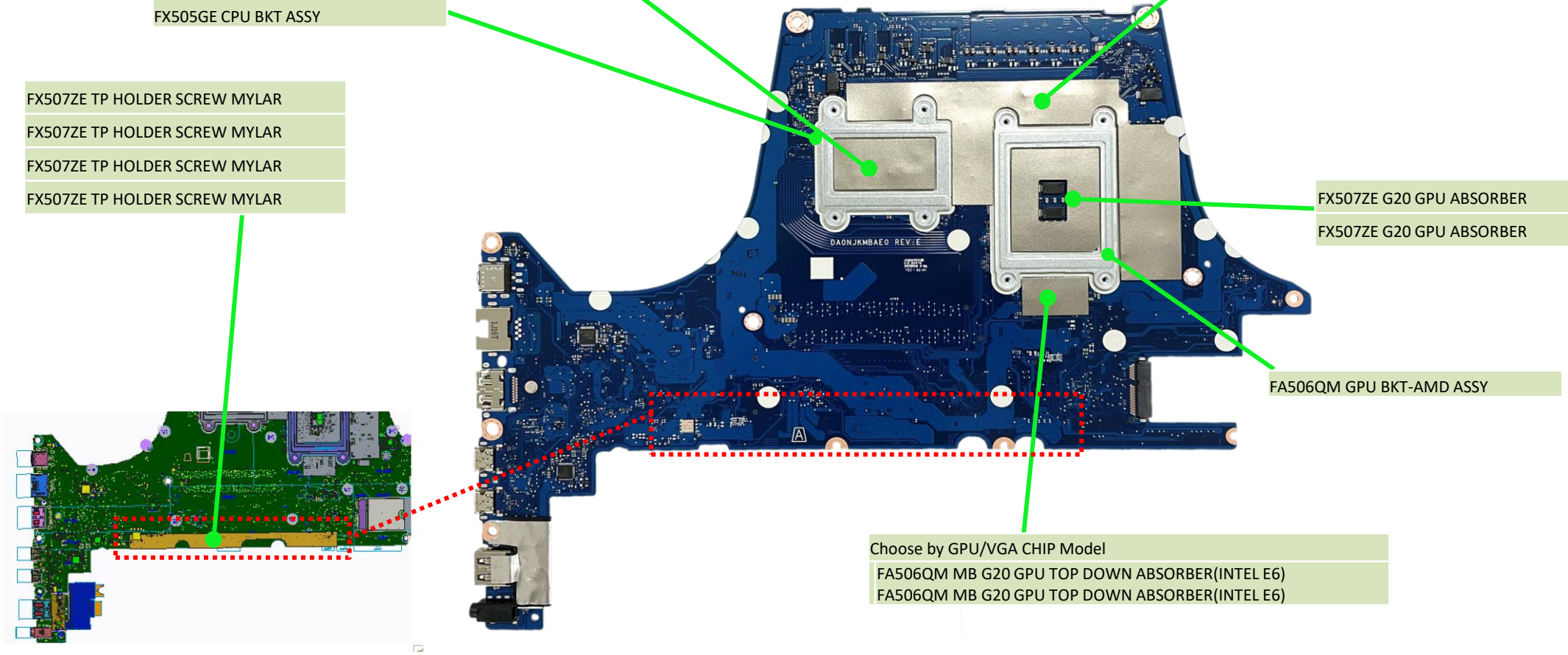
TOP SIDE

FA506IV N18E CPU ABSORBER
FA506IV N18E CPU ABSORBER

FX507ZE MB G20 GPU TOP ABSORBER(INTEL E SERIES)
FX507ZE MB G20 GPU TOP ABSORBER(INTEL E SERIES)

FX505GE CPU BKT ASSY

FX507ZE TP HOLDER SCREW MYLAR
FX507ZE TP HOLDER SCREW MYLAR
FX507ZE TP HOLDER SCREW MYLAR
FX507ZE TP HOLDER SCREW MYLAR



FX507ZE G20 GPU ABSORBER
FX507ZE G20 GPU ABSORBER

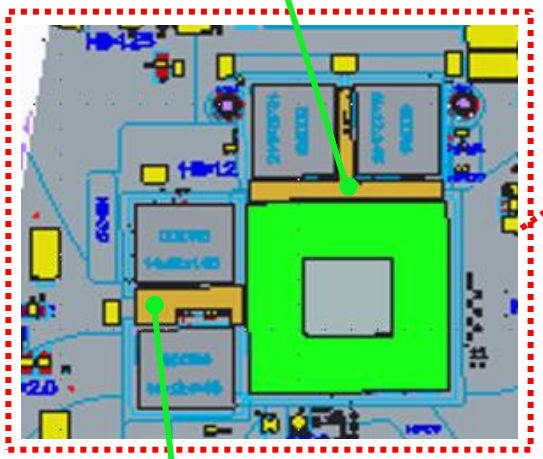
FA506QM GPU BKT-AMD ASSY

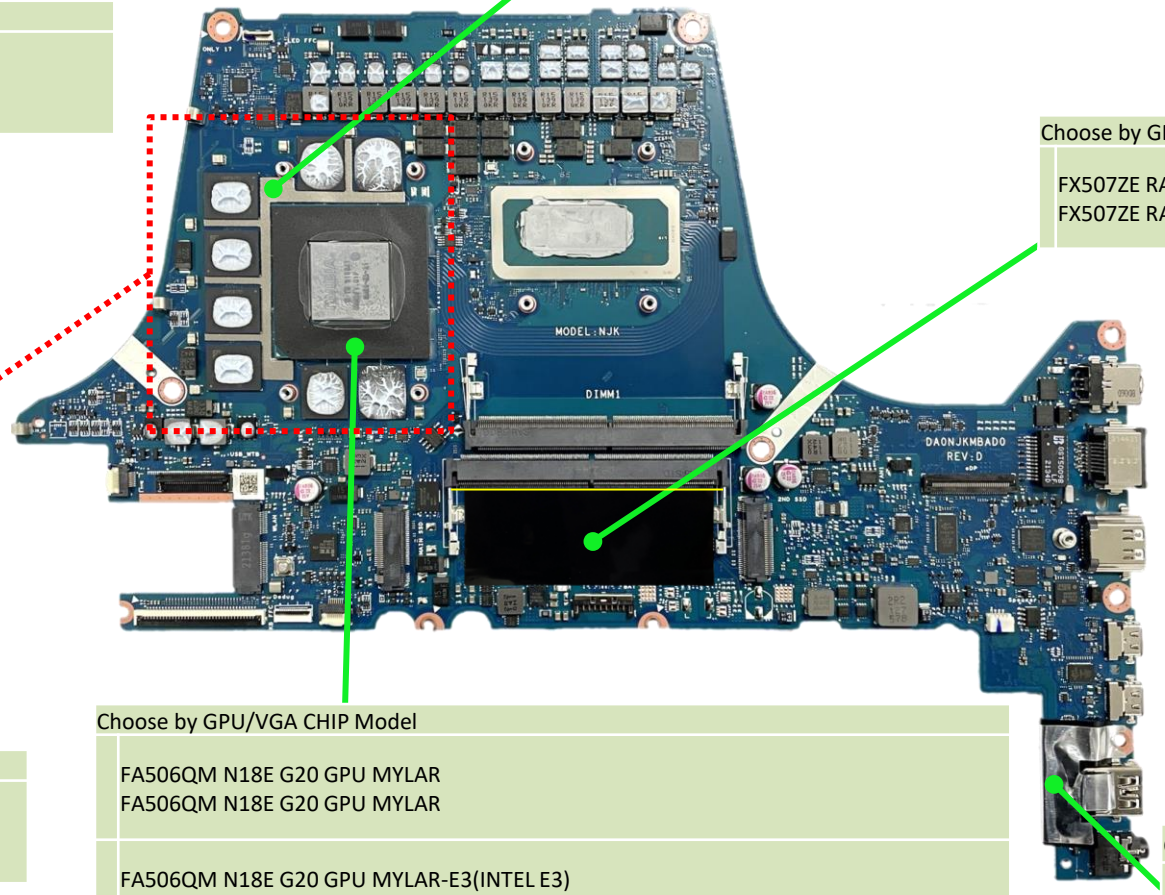
Choose by GPU/VGA CHIP Model
FA506QM MB G20 GPU TOP DOWN ABSORBER(INTEL E6)
FA506QM MB G20 GPU TOP DOWN ABSORBER(INTEL E6)

Materials on mainboard

BOT SIDE

⚠ Parts marked in yellow can be ordered/replaced separately at L2 repair level. When L3/L4 repair finished, no need to paste new one if shortage of this material on the MB.





Choose by GPU/VGA CHIP Model
FX507ZE MB G20 GPU BOT ABSORBER FX507ZE MB G20 GPU BOT ABSORBER

Choose by GPU/VGA CHIP Model
FX507ZC MB G20P GPU BOT ABSORBER(INTEL P SERIES) FX507ZC MB G20P GPU BOT ABSORBER(INTEL P SERIES)

Choose by GPU/VGA CHIP Model
FX507ZE RAM UNDERSIDE MYLAR FX507ZE RAM UNDERSIDE MYLAR

Choose by GPU/VGA CHIP Model
FX507ZC MB G20P GPU BOT R ABSORBER(INTEL P SERIES) FX507ZC MB G20P GPU BOT R ABSORBER(INTEL P SERIES)

Choose by GPU/VGA CHIP Model
FA506QM N18E G20 GPU MYLAR FA506QM N18E G20 GPU MYLAR
FA506QM N18E G20 GPU MYLAR-E3(INTEL E3) FA506QM N18E G20 GPU MYLAR-E3(INTEL E3)
FA506IV N18P GPU MYLAR(INTEL P SERIES) FA506IV N18P GPU MYLAR(INTEL P SERIES)

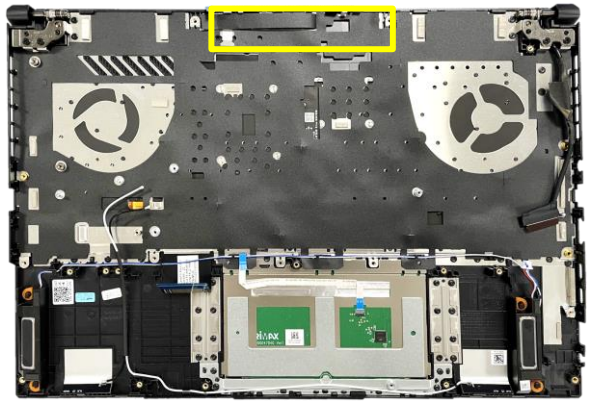
Choose by GPU/VGA CHIP Model
FX507ZE IO BD AL FOIL FX507ZE IO BD AL FOIL

LED BD

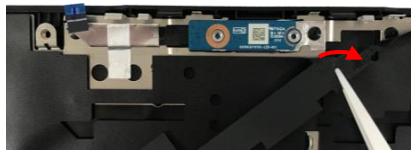
Disassembly Notice

Please be sure to pull out adapter and disconnect the battery.

Step 1 : Flip the Mylar (red mark).
Step 2 : Release the Gasket.
Step 3 : Remove the LED BD with LED FFC.
Step 4 : Disconnect the LED FFC connector and remove the LED FFC.



1 Flip

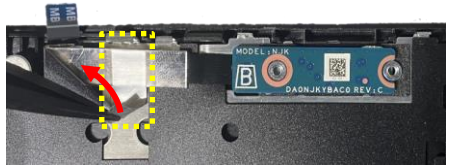


3 Remove





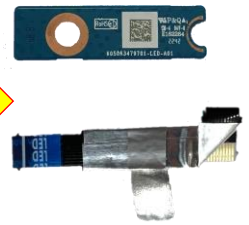
2 Release



4 Disconnect

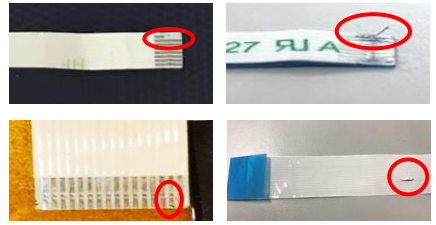






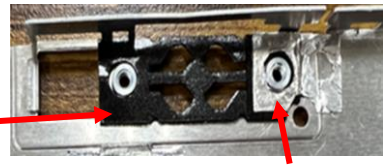
Assembly Notice

⚠ If FFC is damage during disassembly, please replace new one.
Here are some samples of FFC damage:



⚠ The TOP LED SPONGE and LED BD AL FOIL are not reusable after disassembly LED BOARD, before assembly LED BOARD Module, please follow the steps below to paste the new TOP LED SPONGE and LED BD AL FOIL.





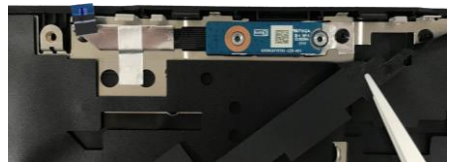


Step1 :
Paste TOP LED SPONGE
*1pc

Step2 :
Paste LED BD AL FOIL
*1pc

Step3 :
Assembly LED BD with FFC



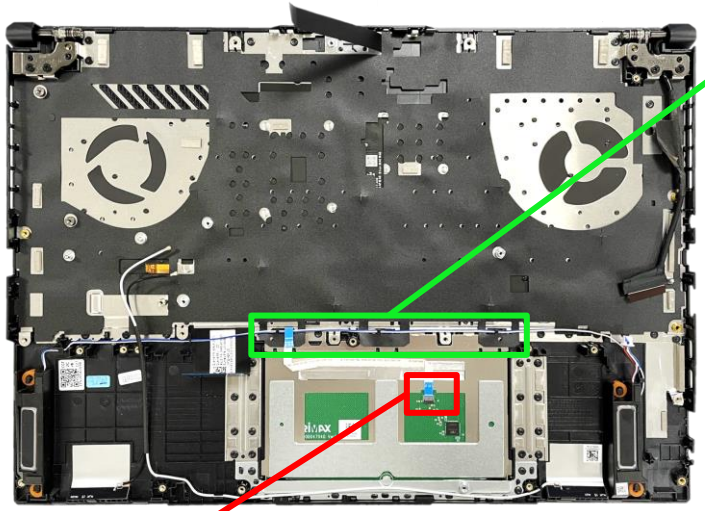


TOUCHPAD MODULE

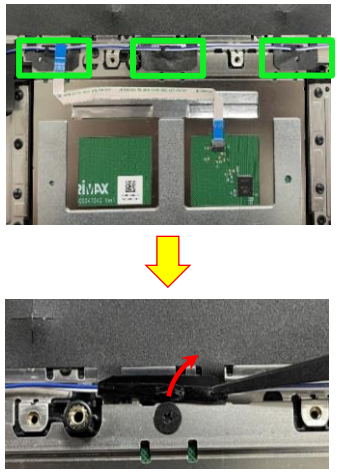
Disassembly Notice

Please be sure to pull out adapter and disconnect the battery.

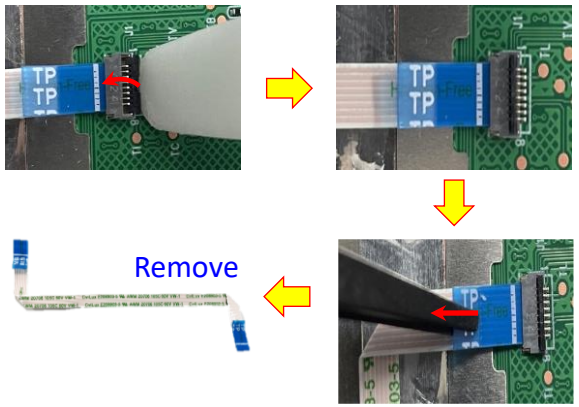
Step 1 : Disconnect the TP FFC connector (red mark) and remove the TP FFC.
Step 2 : Release the Mylar (green mark).
Step 3 : Remove the screws *3pcs and take out the Touchpad.



2 Release



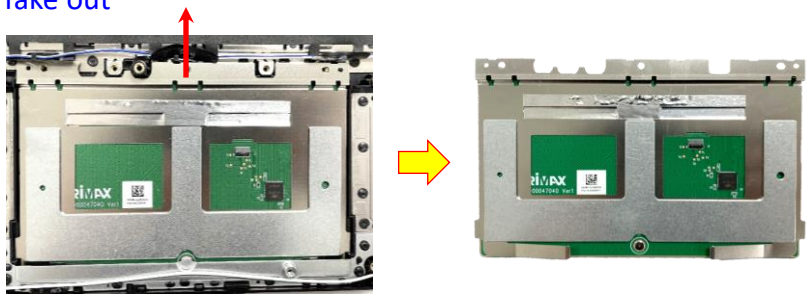
1 Disconnect



3 Remove



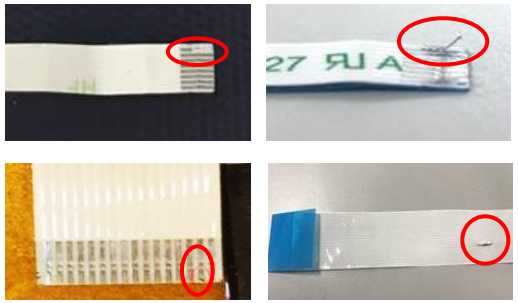
Take out



Screws	QTY	Spec	Torque (kgf-cm)
	3	M2*2L (6.2,0.55) (K) #1	2.0

Assembly Notice

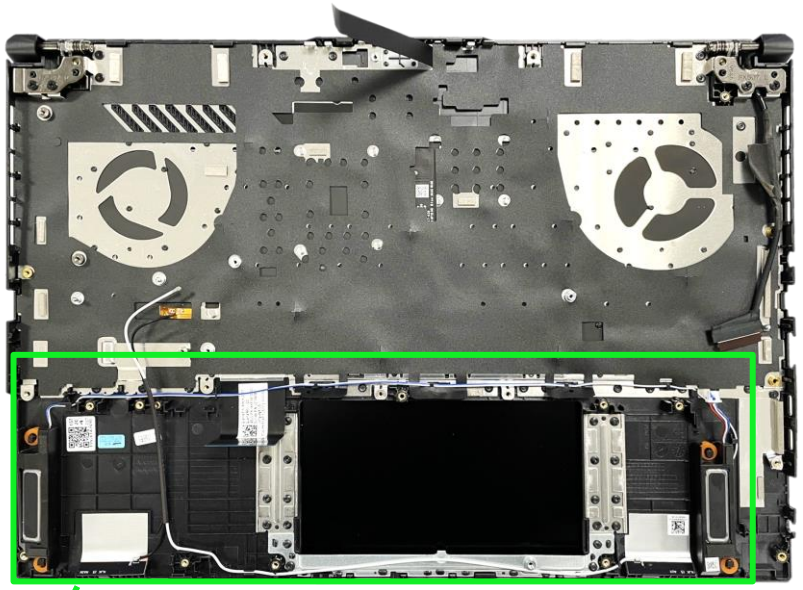
⚠ If FFC is damage during disassembly, please replace new one.
Here are some samples of FFC damage:



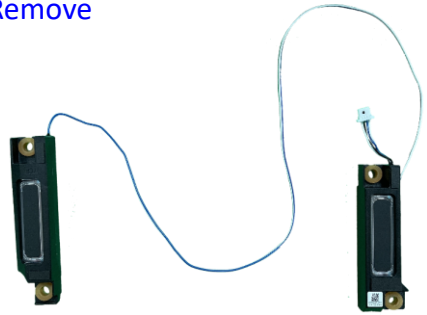
SPEAKER

Disassembly Notice Please be sure to pull out adapter and disconnect the battery.

Step 1 : Remove the SPEAKER.

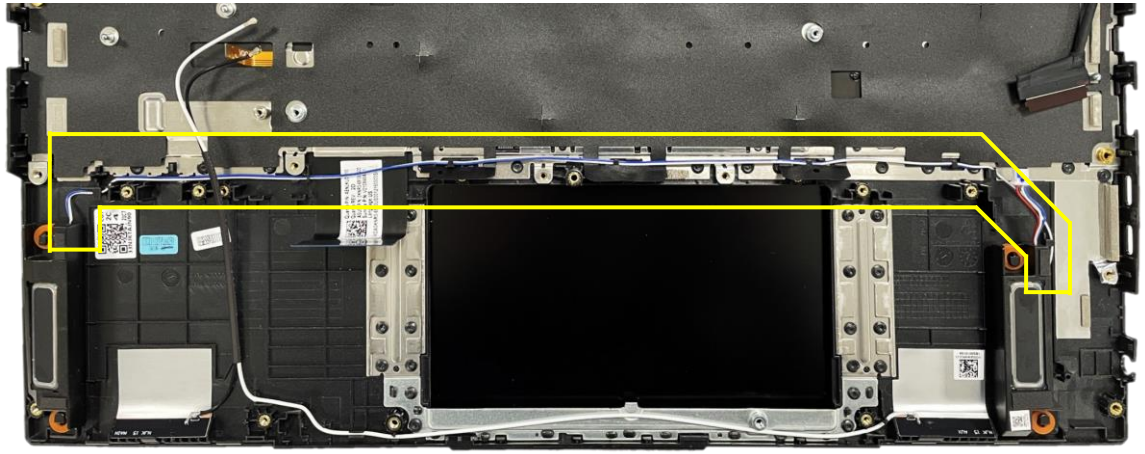


1 Remove



Assembly Notice

⚠ For Speaker assembly, please follow the mark below to tidy up cable.



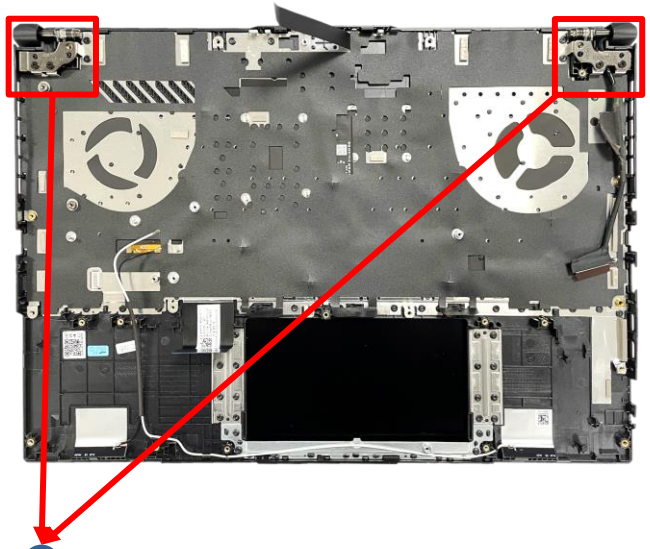
KEYBOARD MODULE

Disassembly Notice

Please be sure to pull out adapter and disconnect the battery.

Step 1 : Remove the screws *4pcs (red mark).
Step 2 : Open and remove the KEYBOARD MODULE.

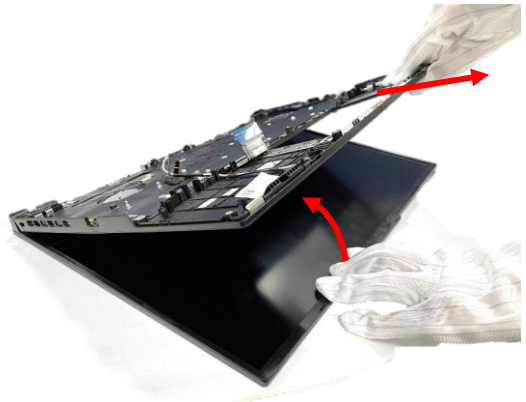
Screws	QTY	Spec	Torque (kgf-cm)
	4	M2.5*5L (K) B-ZN NY #1	2.5



1 Remove



2 Open and remove



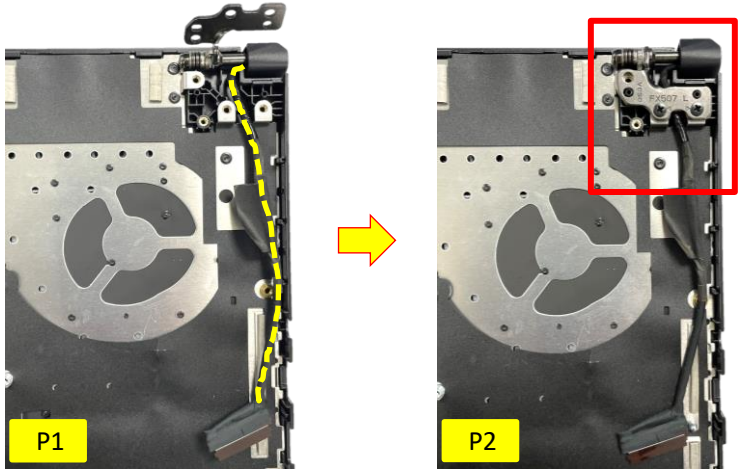


Assembly Notice

⚠ Please refer below picture to organize EDP cable while repair device, it's to keep device safety.

P1. EDP cable need to following yellow dotted line to organize EDP cable.

P2. After assemble hinge as picture.



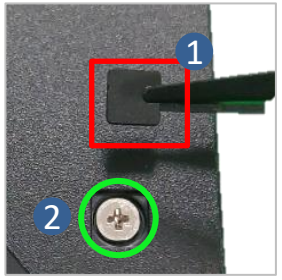
LCD BEZEL

Disassembly Notice

Please be sure to pull out adapter and disconnect the battery.

Step 1 : Remove the BEZEL COSMETIC MYLAR *2pcs.
Step 2 : Remove the screws *2pcs.
Step 3 : Remove the LCD BEZEL.

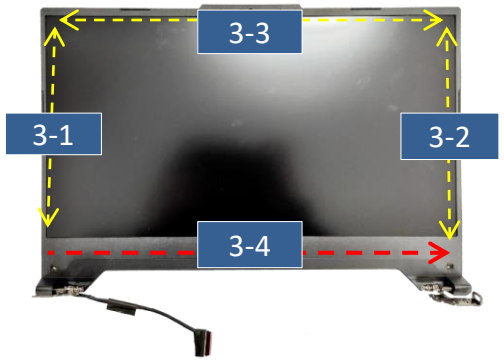




Screws	QTY	Spec	Torque (kgf-cm)
	2	M2.5*3.5L(4.5,0.5) (K)#1	2.5

3

Step 3-1~3-3, Start from the middle area of each side of bezel,
Using the forefinger to hold the outer edge firmly and the thumb flipping the bezel inner edge outward to release the hooks as indicated in the diagram shown.
(It can be helpful, if holding the bezel outer edge firmly with forefinger.)



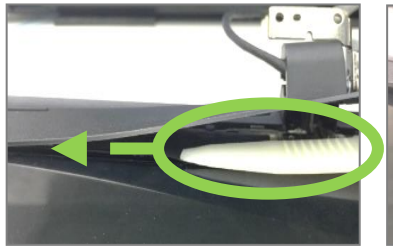
Step 3-1~3-3

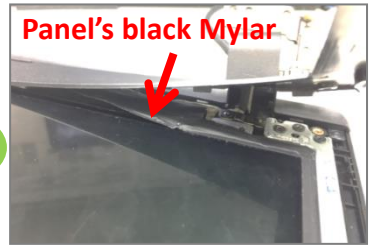
Thumb flipping the inner edge outward.



Step 3-4 Due to some tapes behind the lower edge of bezel, please using plastic blade to teardown the bezel.
Please follow the direction shown in the red arrow, to move plastic blade from left to right and peel the bezel away slowly. While peeling, please move the blade in the parallel direction to the panel and **pressing the black Mylar downward** (As circled in green) to ensure the black Mylar and the tape behind the bezel are well separated.

Please move blade slowly to separate the bezel away, and must
press the black Mylar downward with panel parallel direction.

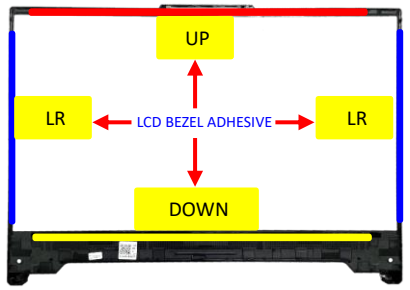






Assembly Notice

When reuse the LCD BEZEL:
Please paste new LCD BEZEL ADHESIVE before assembly BEZEL.
(New LCD BEZEL already contains LCD BEZEL ADHESIVE *4pcs)



LCD PANEL

Disassembly Notice Please be sure to pull out adapter and disconnect the battery.

Step 1 : Remove the screws *4pcs and remove the hinges *2pcs.
Step 2 : Pull out the LCD adhesive *2pcs.
Step 3 : Remove the LCD PANEL.

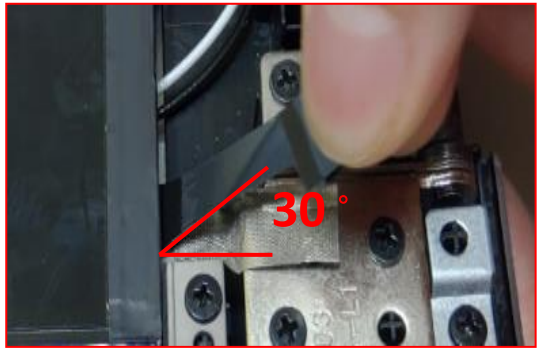
Screws	QTY	Spec	Torque (kgf-cm)
	4	M2.5*3L (4.5,0.4) (K) #1	2.5

1

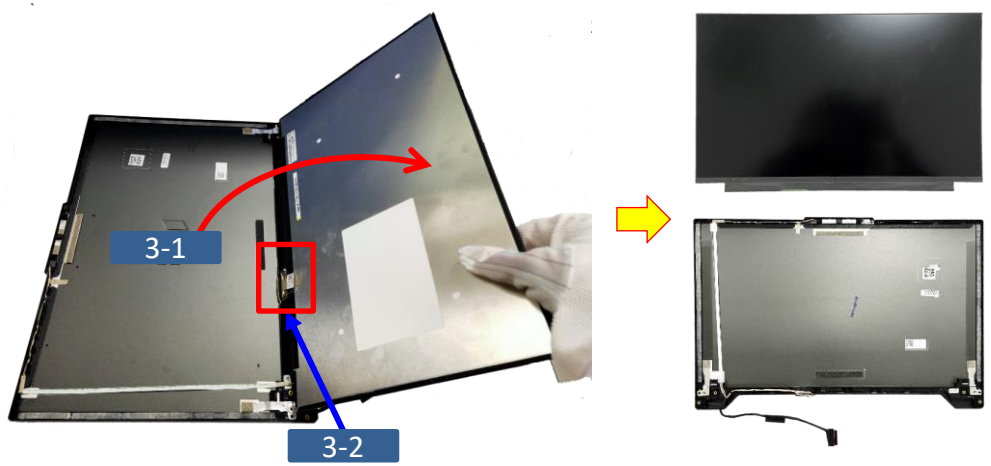


2 ⚠ **Please pull the adhesive up about 30 degree slowly, and don't pull out the tape in vertical direction!**





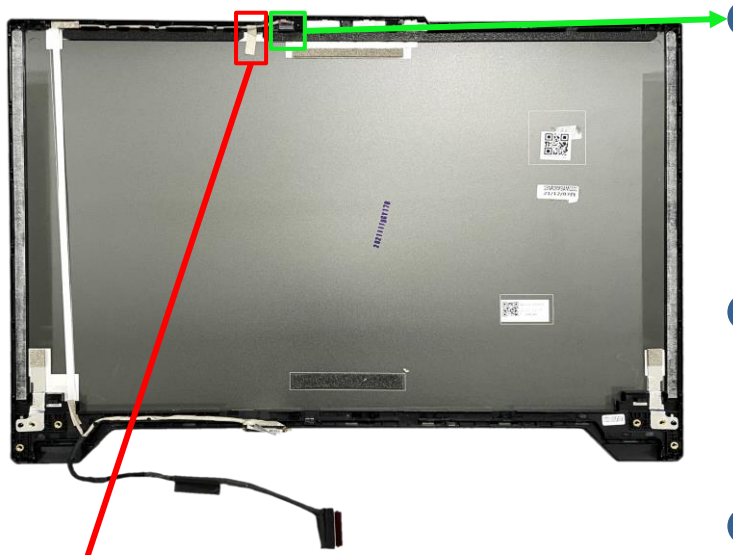
3 Flip up the panel, and disconnect the EDP cable.



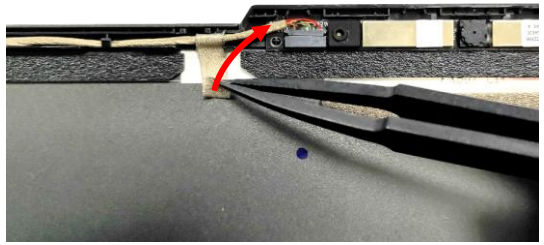
LCD COVER

Disassembly Notice Please be sure to pull out adapter and disconnect the battery.

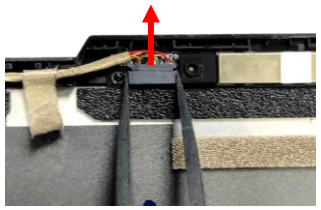
Step 1 : Release the Gasket (red mark).
Step 2 : Disconnect (green mark) and remove the EDP cable.
Step 3 : Use the non-conductive pry tool to insert from below and slide to the left then remove the CAMERA.
Step 4 : Remove the MIC RUBBER *2pcs.



1 Release



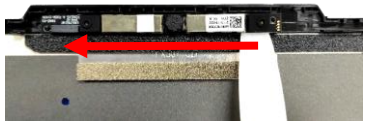
2 Disconnect



Remove



3



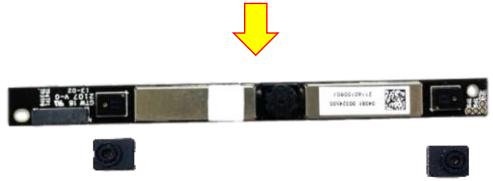
Remove



4 Remove

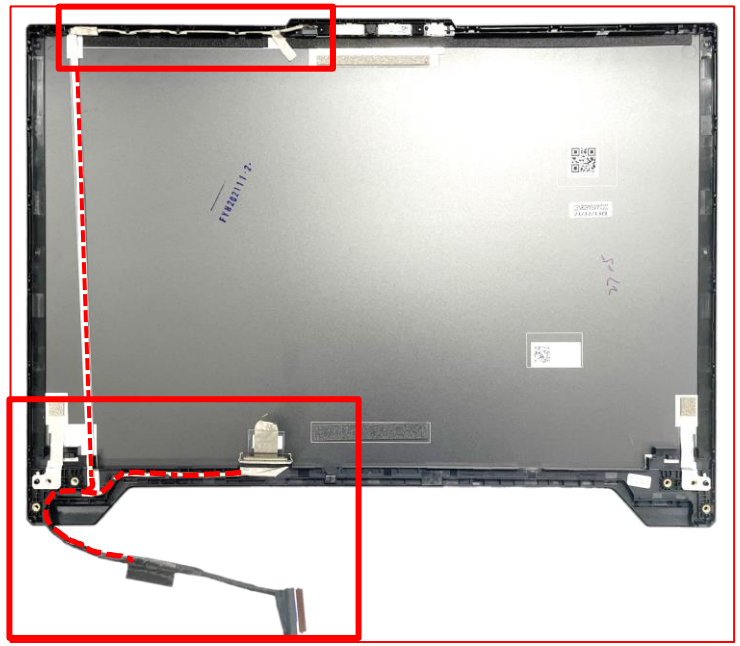


MIC RUBBER



Assembly Notice

⚠ Please follow the red mark to tidy up EDP cable.

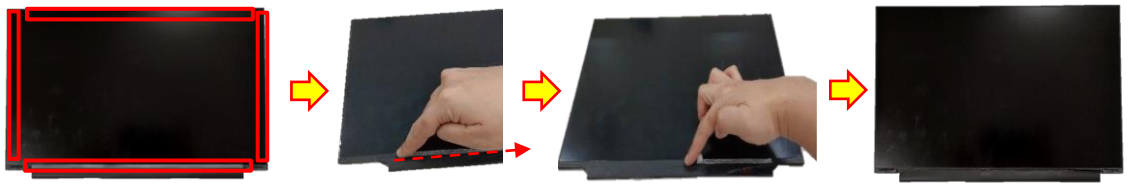


LCD PANEL and LCD Cover

Assembly Notice Please be sure to pull out adapter and disconnect the battery.

A **When reuse the LCD PANEL or BEZEL :**

Please use the fingertip to clean the residual glue on PANEL or BEZEL.



B **Clean the back of the LCD PANEL :**

Before assembling the LCD panel, use a dust-free cloth and a small amount of alcohol to clean the back of the panel.



C **When replace the LCD and reuse the LCD COVER :**

Please paste new LCD COVER TAPE *2pcs.



D **When assembly the LCD PANEL :**

Step 1 : Remove release paper of LCD Adhesive *2pcs.

Step 2 : Assembly and align the LCD to the upper side of the LCD Cover.

Remove



Align



LCD PANEL and LCD Cover

Assembly Notice Please be sure to pull out adapter and disconnect the battery.

E **Please refer the below pictures to assemble the EDP cable :**

Step 1: Make sure the cable is secured to the clip as below yellow mark.
Step 2: Put the hinge back in and lock screws *2pec on each side.
Step 3: Make sure the cable through the bezel as below red circle.



