

ASUS TUF Gaming F15 (FX507Z) series

Service Guide

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Safety precautions

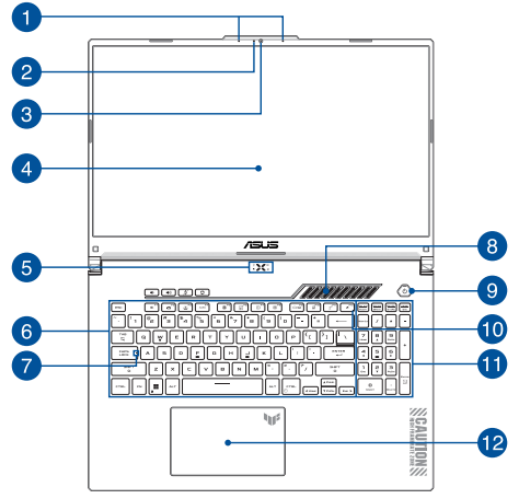
- Keep liquids or moisture away from your Notebook PC before installing or removing any components.
- Ensure to place your Notebook PC on a stable surface before installing or removing any components.
- Detach the clip or flap before removing the signal cables to prevent damage.
- Disconnect the power 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.

- [Service Overview](#)
- [ASUS TUF Gaming F15 \(FX507Z\) Series Overview](#)
- [Components Top View](#)
- [Components Bottom View](#)
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- [Key Parts and Related Parts](#)
- Disassembly steps :
 - [BASE CASE](#)
 - [DISSCONNECT BATTERY](#)
 - [SSD](#)
 - [DDR](#)
 - [BATTERY](#)
 - [USB BD](#)
 - [WIFI CARD](#)
 - [FAN \(with THERMAL MODULE and MAIN BOARD\)](#)
 - [THERMAL MODULE](#)
 - [MAIN BOARD](#)
 - [LED BD](#)
 - [TOUCHPAD MODULE](#)
 - [SPEAKER](#)
 - [KEYBOARD MODULE](#)
 - [LCD BEZEL](#)
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 - [LCD COVER](#)

- **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.

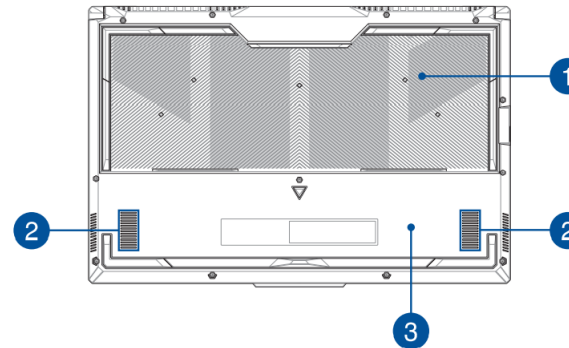
Due to sales policy difference, the components may have different specifications on the same model. If you have any operational issues, please contact the service hotline.

Top View



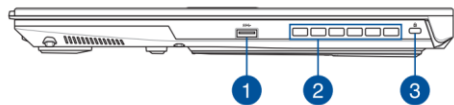
- 1 Array microphones
- 2 Camera indicator
- 3 Camera
- 4 Display panel
- 5 Status indicators
- 6 Keyboard
- 7 Capital lock indicator
- 8 Air vents
- 9 Power button
- 10 Airplane mode indicator
- 11 Numeric Keypad
- 12 Touchpad

Bottom View



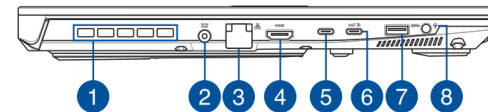
- 1 Air vents
- 2 Audio speakers
- 3 Bottom cover

Right View



- 1 USB 3.2 Gen 1 port
- 2 Air vents
- 3 Kensington® security slot

Left View



- 1 Air vents(on selected models)
- 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/Power Delivery combo port

Note: Supports using JIG BOARD and Type C debug cable to read EEPROM data.



The "UP" mark on the TYPE-C debug cable must be inserted facing upwards.

- 7 USB 3.2 Gen 1 port
- 8 Headphone/Headset/Microphone jack

Components Top View

◆ LCD COVER



◆ BATTERY 90WH



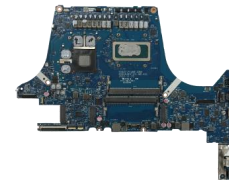
◆ SSD AL FOIL



◆ USB BD FFC



◆ MAIN BOARD



◆ TOUCHPAD MODULE



◆ DIMM COVER MYLAR



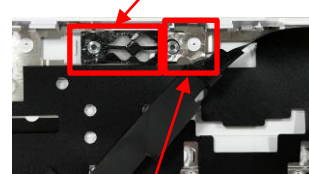
◆ LCD BEZEL



◆ MB RAM ABSORBER



◆ TOP LED SPONGE



◆ WIFI CARD



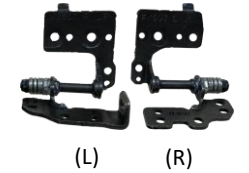
◆ USB BD



◆ TP FFC



◆ HINGE L / R



◆ 15.6' LCD PANEL



◆ DDR4 / DDR5



◆ LED BD AL FOIL

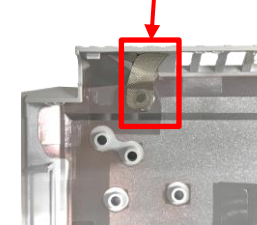
◆ GPU FAN ◆ CPU FAN



◆ LED BD FFC



◆ ESD AIR DISCHARGE GASKET ◆ CAMERA



◆ MIC RUBBER



◆ KEYBOARD MODULE



◆ SSD



◆ LED BD



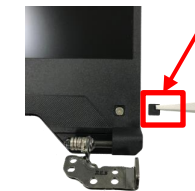
◆ DDR AL FOIL MYLAR



◆ EDP CABLE



◆ BEZEL COSMETIC MYLAR



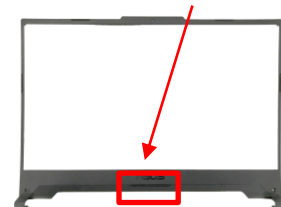
◆ BASE CASE



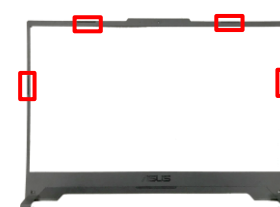
◆ SSD ABSORBER



◆ LCD BEZEL FOOT DOWN



◆ LCD BEZEL RUBBER FOOT



◆ THERMAL MODULE ASSY



◆ BATTERY CABLE



◆ LCD COVER



◆ KEYBOARD MODULE



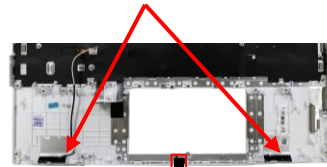
◆ THERMAL MODULE ASSY



◆ LCD BEZEL



◆ WIFI ANTENNA

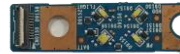


◆ ANTENNA FIX ACETATE CLOTH

◆ 15.6' LCD PANEL



◆ LED BD



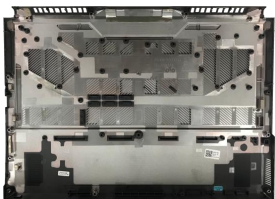
◆ USB BD



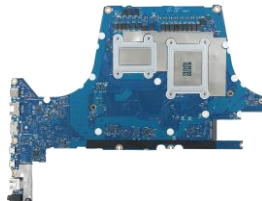
◆ DDR AL FOIL MYLAR



◆ BASE CASE



◆ MAIN BOARD



◆ TOUCHPAD MODULE



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 °C 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.

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.



◆ Plastic Blade



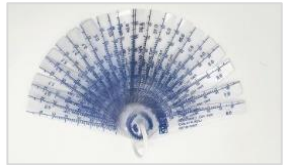
◆ Plastic Tweezers

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



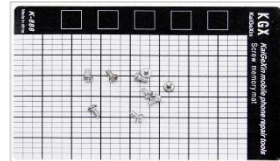
◆ Thickness Gauge

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



◆ Thermal Pad



◆ FCR-AS Thermal Grease



◆ Glove



◆ PLASTIC CARD T=0.35mm



◆ Dust-free Cloth



◆ PLASTIC PICK T=0.5mm



Disassembly Notice



The device has an Ambient Light Sensor (ALS) for power-off protection function.

Step 1 : Remove the screws *11 pcs and *1pc in case.

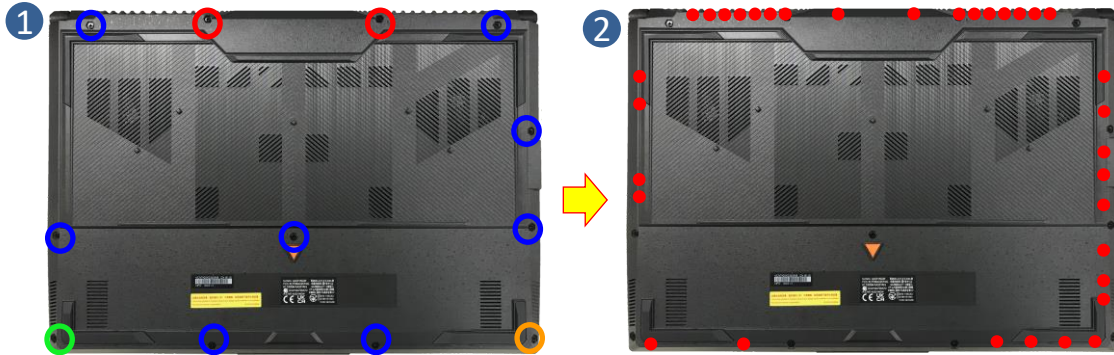
Step 2 : Use the plastic blade to pry the base case.

Screws	QTY	Spec	Torque (kgf-cm)
	2	BK : M2.5*12L(4.5,0.8) (K) #1 WH : M2.5*12L(4.5,0.8)(K)#1	2.5±0.2
	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±0.2
	1	BK : M2.5*8L(K) #1 WH : M2.5*8.0L(4.5,0.8) (K)#1	2.5±0.2
	1	BK : M2.5*3L+5(4.5,0.9) (K)#1 WH : M2.5*3L+5(4.5,0.9) (K)#1	2.5±0.2



Ambient Light Sensor (ALS):

1. After removing the BOTTOM CASE, the ambient light sensor detects light, system will automatically power off for protection.
2. Make sure assemble bottom case back and plug in AC adapter, then you can power on normally.

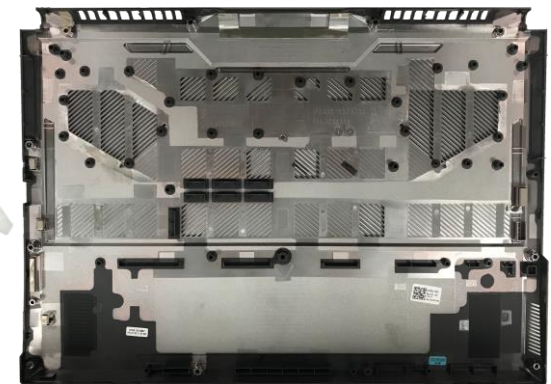
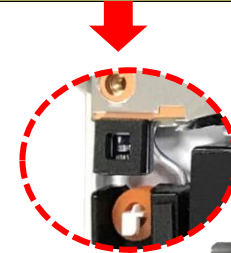


The screw is unable to remove from bottom case, so please always loosen it last, and lock it first.

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.)



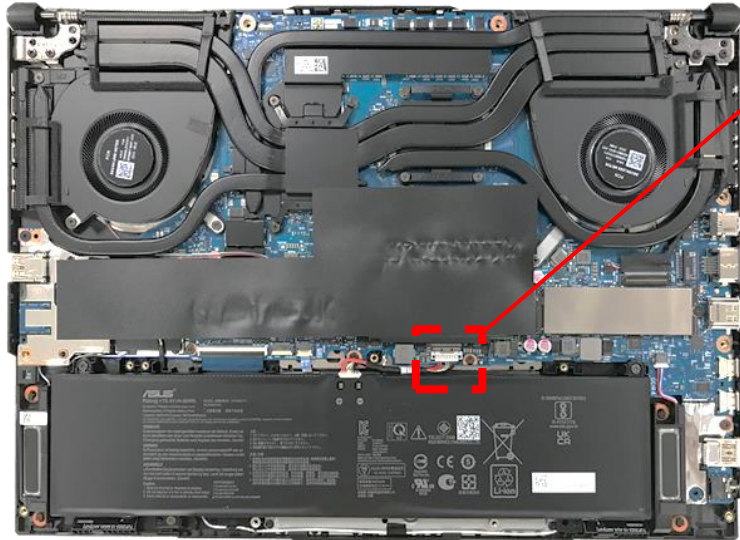
Disassembly Notice



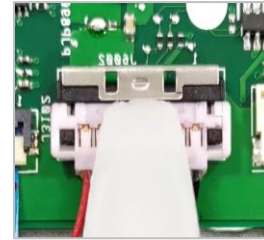
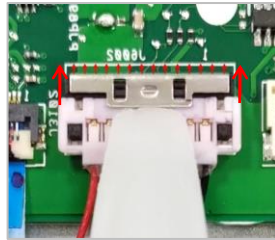
The device has an Ambient Light Sensor (ALS) for power-off protection Function.

Step 1 : Use the non-conductive pry tool to push iron sheet.

Step 2 : Use the non-conductive pry tool to disconnect battery connector.

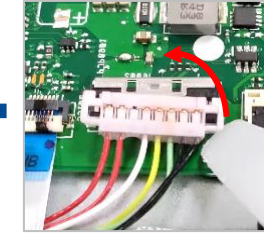
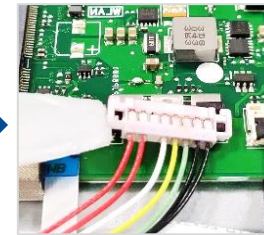
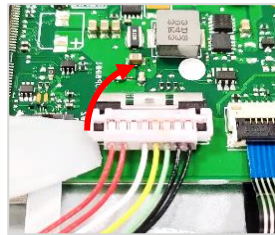


1



2

Please disconnect the red cable side first!



Assembly Notice

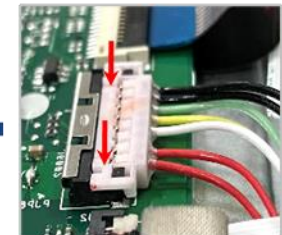
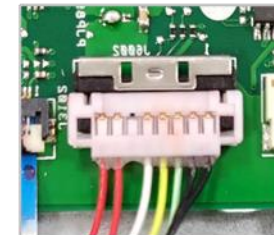
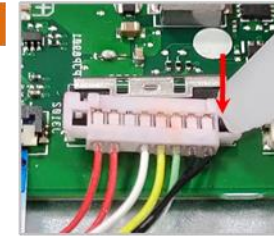


To prevent getting a short circuit or an electric shock accident, please follow the below steps to connect the battery connector.

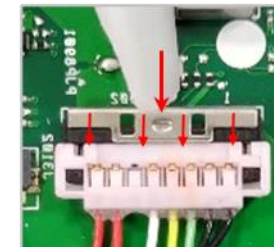
Step 1 : Use the non-conductive pry tool to connect the black cable side first, then connect the red cable side.

Step 2 : Use the non-conductive pry tool to push the iron sheet.

1



2



Disassembly Notice



The device has an Ambient Light Sensor (ALS) for power-off protection Function.

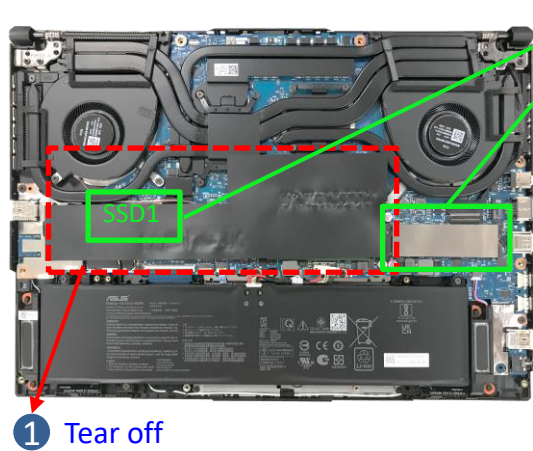
Step 1 : Tear off the DIMM COVER MYLAR *1pc.

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)
	2	M2*3L (5.6,0.8)(K)#1	1.5±0.2



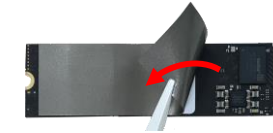
2 Unscrews*2PCS



3 Remove left-side(SSD1)

Remove

Tear off



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

1 Tear off



4 Remove right side



Tear off



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

Assembly Notice



The device has an Ambient Light Sensor (ALS) for power-off protection Function.

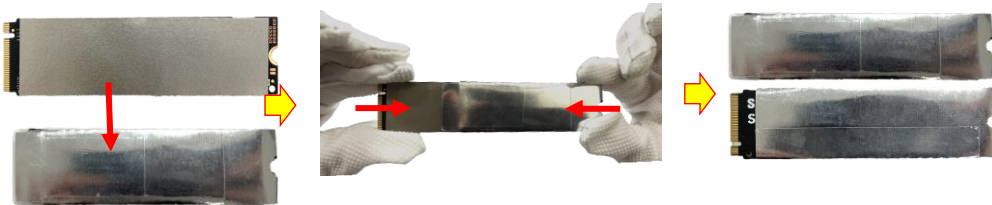
A Please use left- SSD slot as first priority.



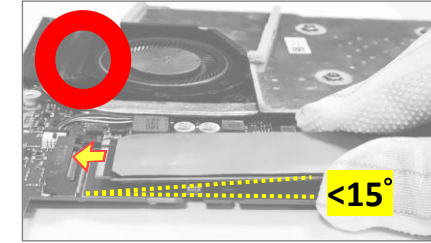
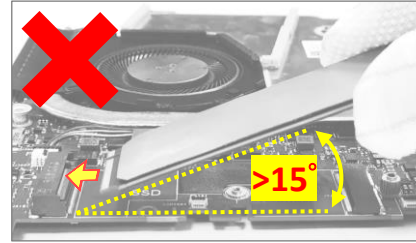
B Paste the ABSORBER on the new M.2 card (SSD).



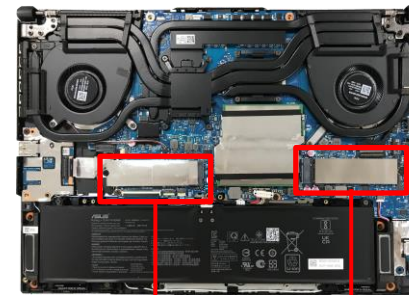
C Put the left-M.2 card (SSD) into the AL FOIL*1pc before inserting it into the left-SSD slot.



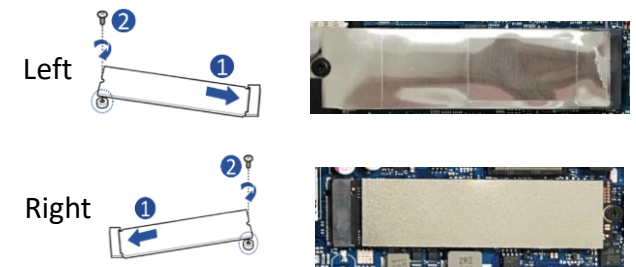
D When installing the SSD, please keep the SSD less than 15 degrees with motherboard, and then insert the SSD.



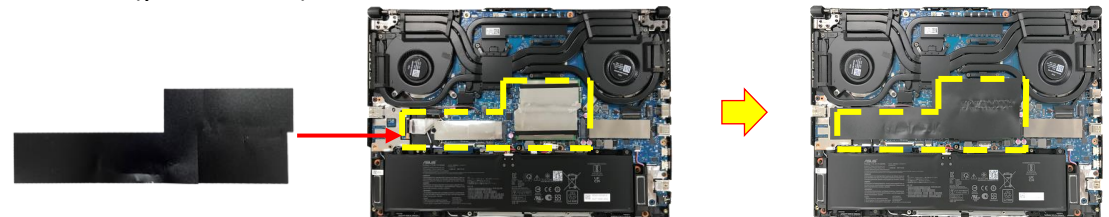
E Align and insert the SSD into the module slot, then secure the SSD in place by fastening screw.



Left Right



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



Disassembly Notice

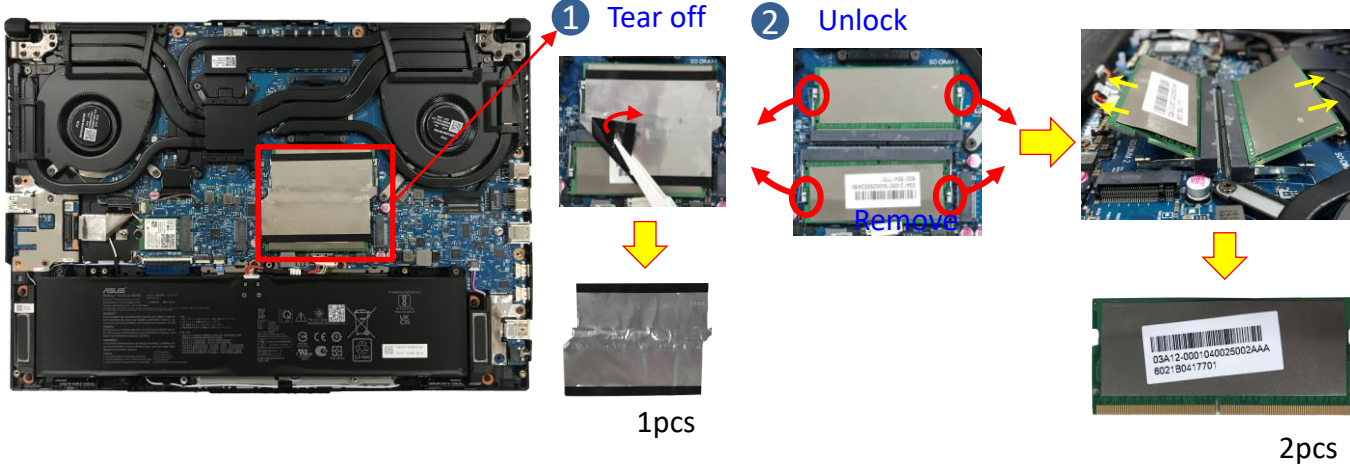


The device has an Ambient Light Sensor (ALS) for power-off protection Function.

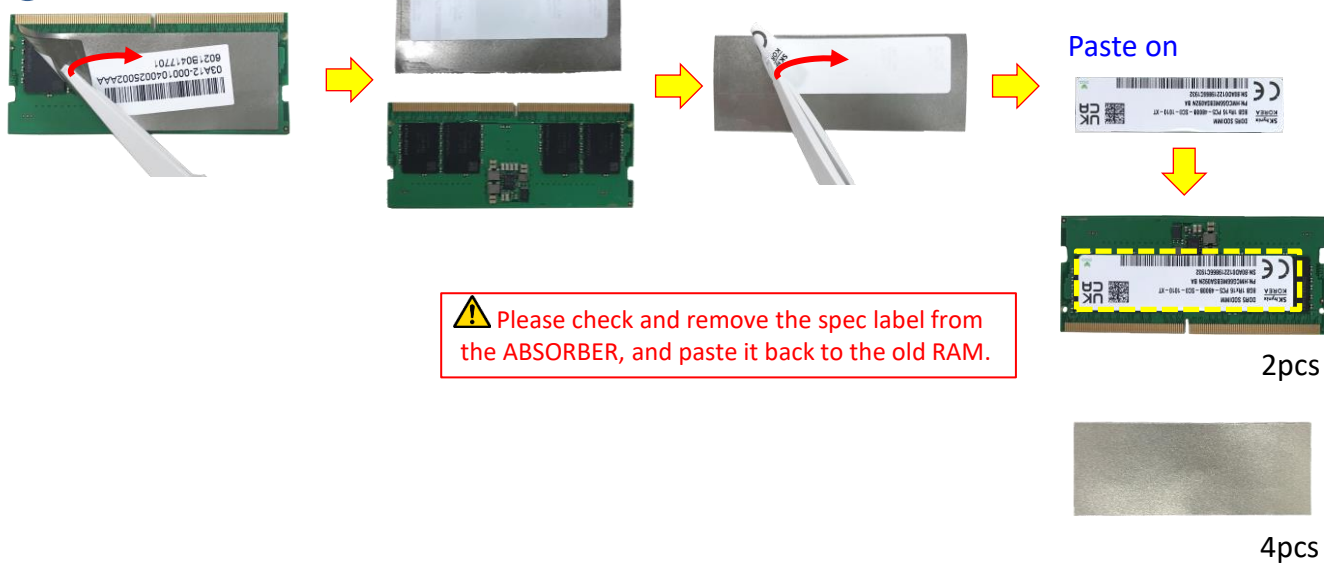
Step 1 : Tear off the AL FOIL MYLAR *1pc.

Step 2 : Unlock and remove the RAM module *2pcs (red mark).

Step 3 : Tear off the two ABSORBERS from each of the front and back sides of the RAM.



3 Tear off



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

Assembly Notice



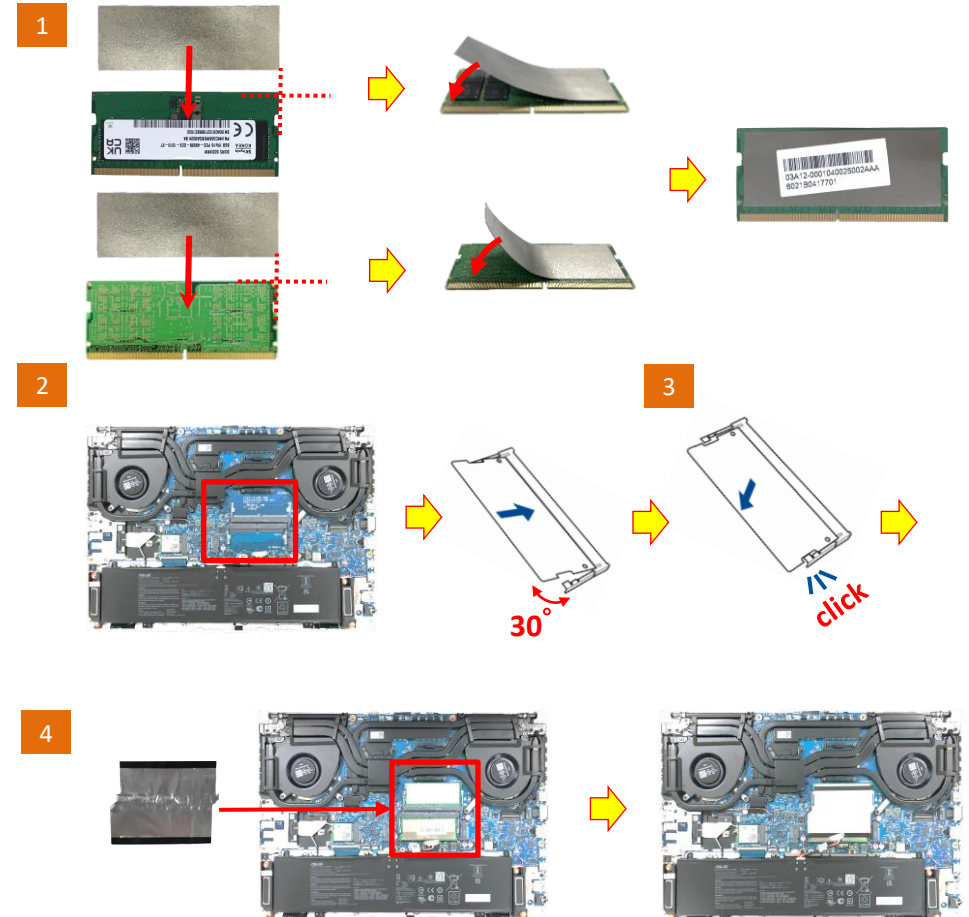
Please paste ABSORBERS on the front and back sides of RAM before installing the Memory Module.

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.

Step 4 : Paste the AL FOIL MYLAR back.




Disassembly Notice



The device has an Ambient Light Sensor (ALS) for power-off protection Function.

Step 1 : Remove the screws*3pcs (red circles) from battery, then lift the BATTERY to remove it.

Step 2 : Remove the BATTERY CABLE from BATTERY.

Screws	QTY	Spec	Torque(kgf-cm)
T 	3	M2*4L(5,0.8) (K) #1	2.0±0.2



- ① Remove the screws
- ② Remove Battery (90W)





Disassembly Notice

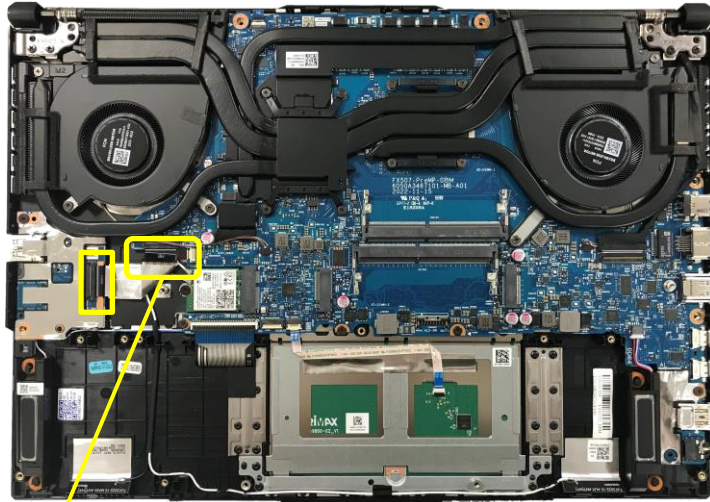


The device has an Ambient Light Sensor (ALS) for power-off protection Function.

Step 1 : Disconnect the USB FPC connector (yellow mark) and remove the USB FPC.

Step 2 : 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±0.2



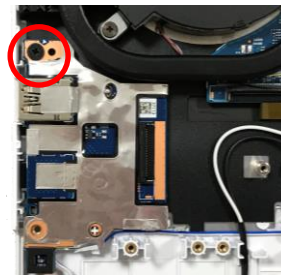
① Disconnect



Remove

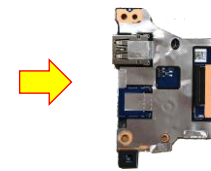


② Remove



Front side

Back side



Disassembly Notice

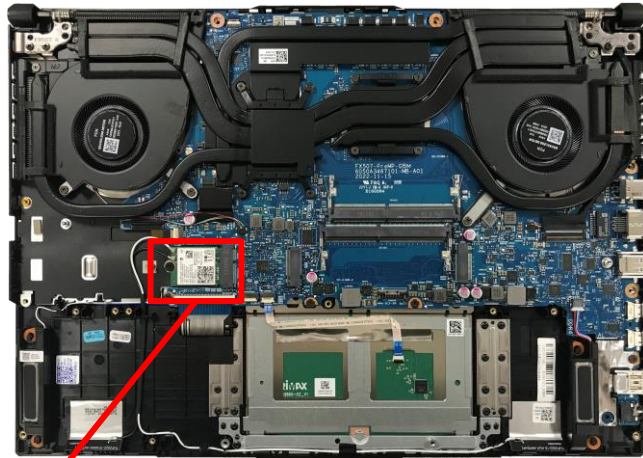


The device has an Ambient Light Sensor (ALS) for power-off protection Function.

Step 1 : Disconnect the RF CABLE connector*2pcs(red Mark).

Step 2 : Remove the screw*1pc.(blue circle).

Step 3 : Remove the WIFI CARD.



1 Disconnect




2 Remove



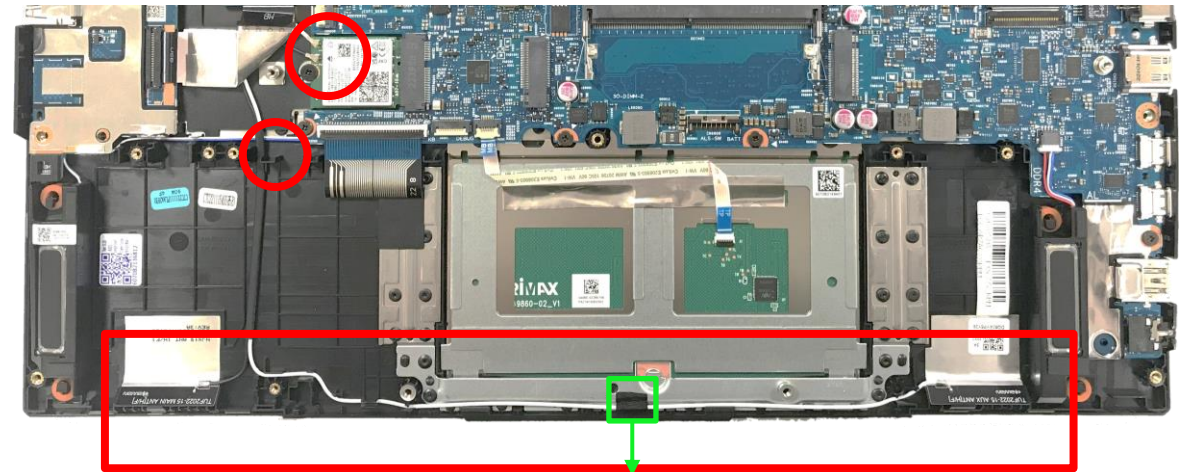
3 Remove



Screws	QTY	Spec	Torque (kgf-cm)
	1	M2*3L(5.6,0.8)(K)#1	2.0±0.2

Assembly Notice

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



ANTENNA FIX ACETATE CLOTH

Disassembly Notice



The device has an Ambient Light Sensor (ALS) for power-off protection Function.

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.

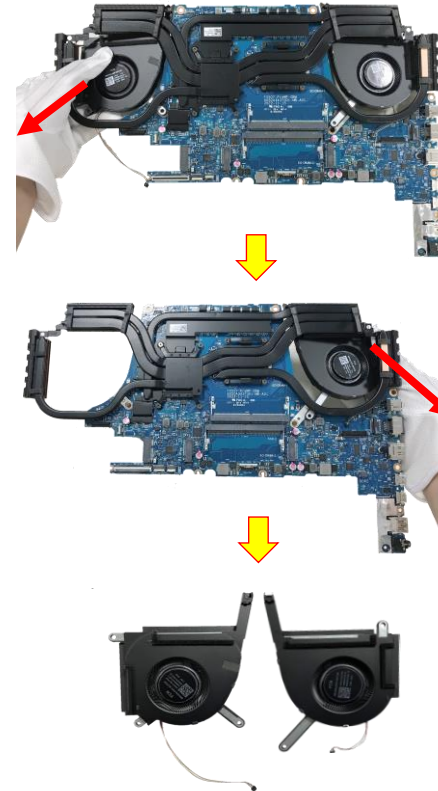
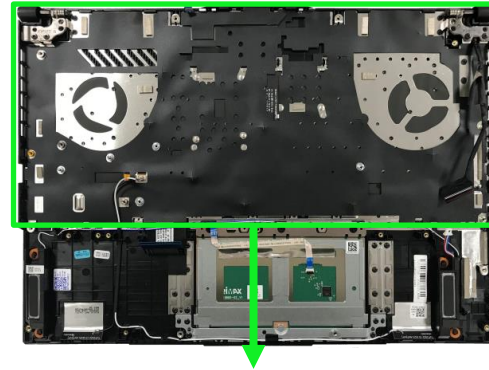
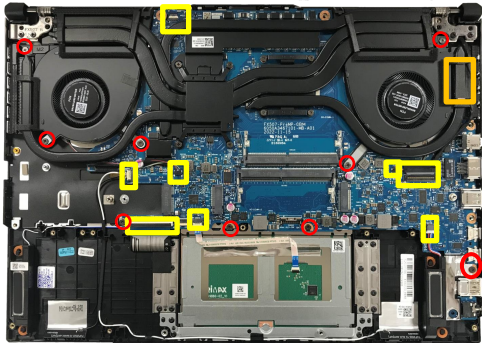
Screws	QTY	Spec	Torque (kgf-cm)
○	9	M2*4L (5,0.8) (K) #1	2.0±0.2

① Disconnect (Yellow mark) & Release (Orange mark)

② Remove (Red mark) screws

③ Remove module (MB+Thermal+FAN)

④ Remove FAN

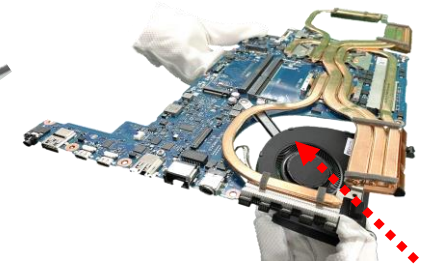
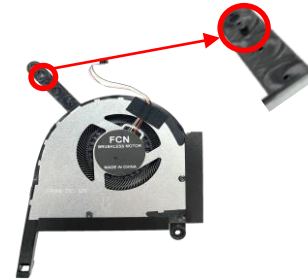


Assembly Notice

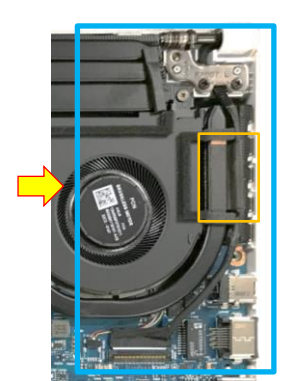
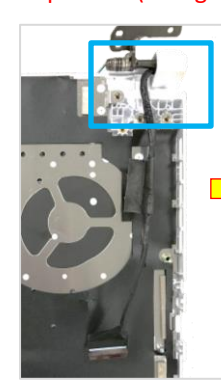
⚠ Please use the correct way to take fans off, avoiding getting out of shape.



⚠ 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 photos to tidy up the EDP cable, and paste the tape back (orange mark).



Disassembly Notice

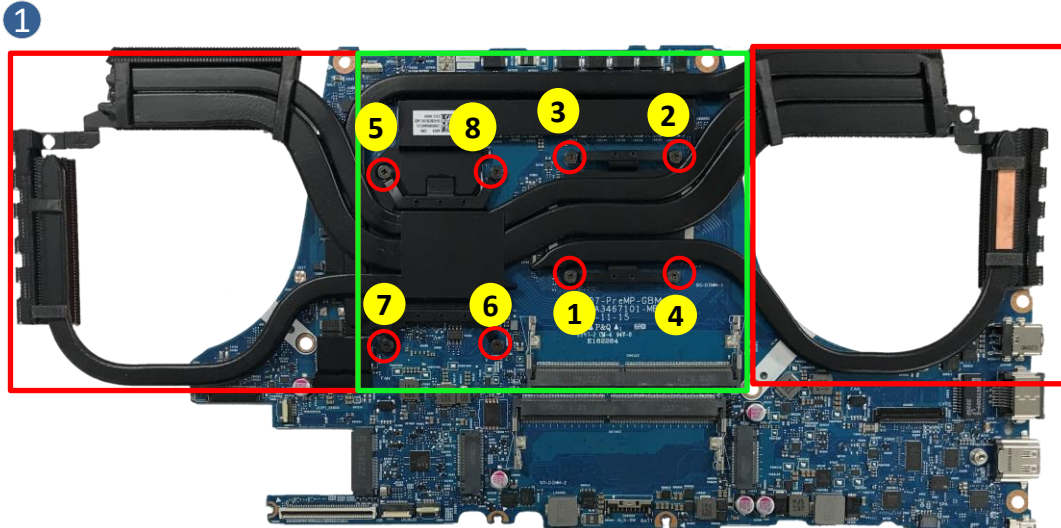


The device has an Ambient Light Sensor (ALS) for power-off protection Function.

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.



2 Remove



Screws	QTY	Spec	Torque (kgf-cm)
	8	M2*4L (5,0.8) (K) #1	2.0±0.2

Assembly Notice



Step-1

- THERMAL MODULE Location:[VRAM/CHOKE/MOS]
Material: FCR-AS Grease
- MB Location:[GPU/CPU]
Material: TH PAD PTM7958)

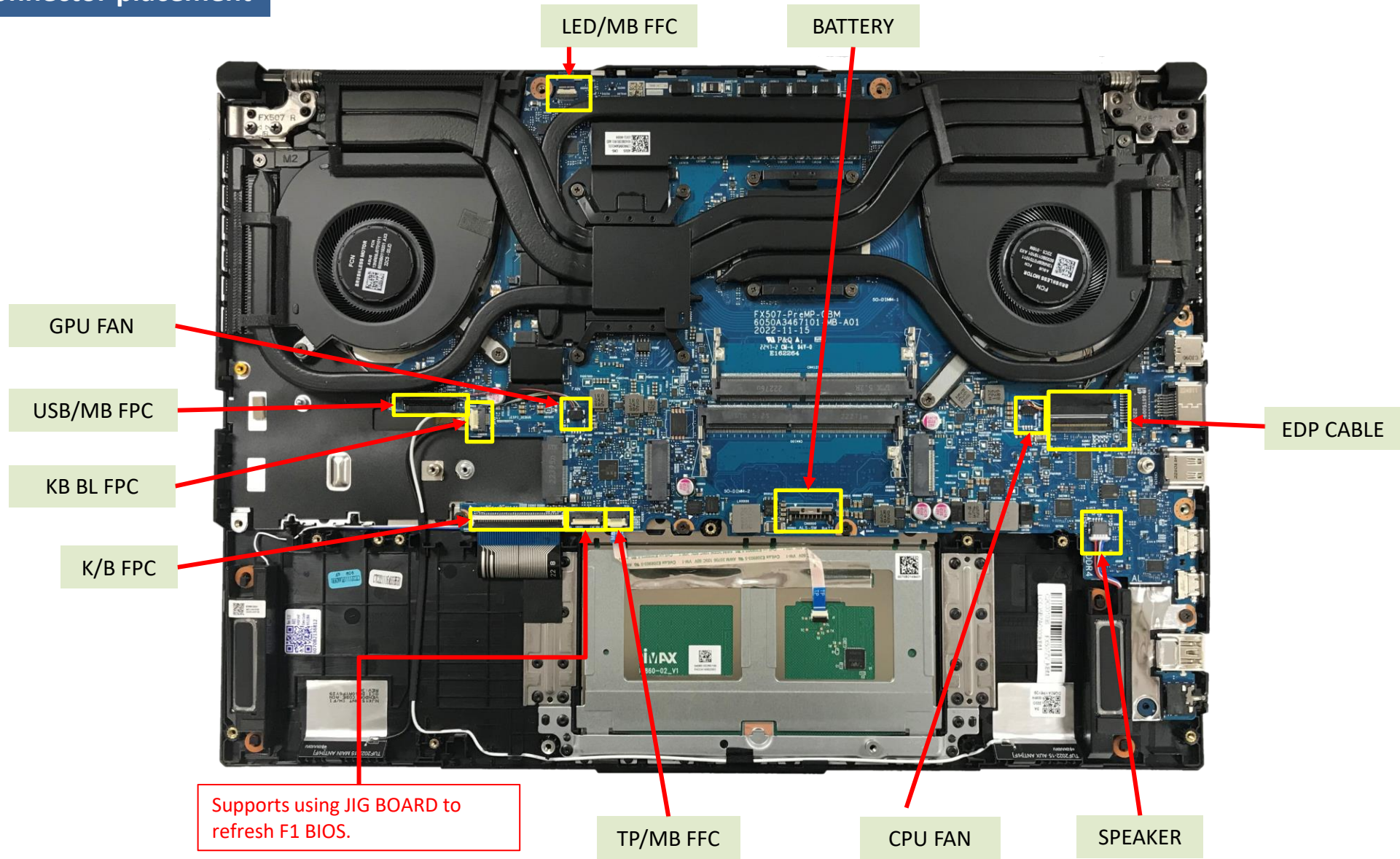
Step-2

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.

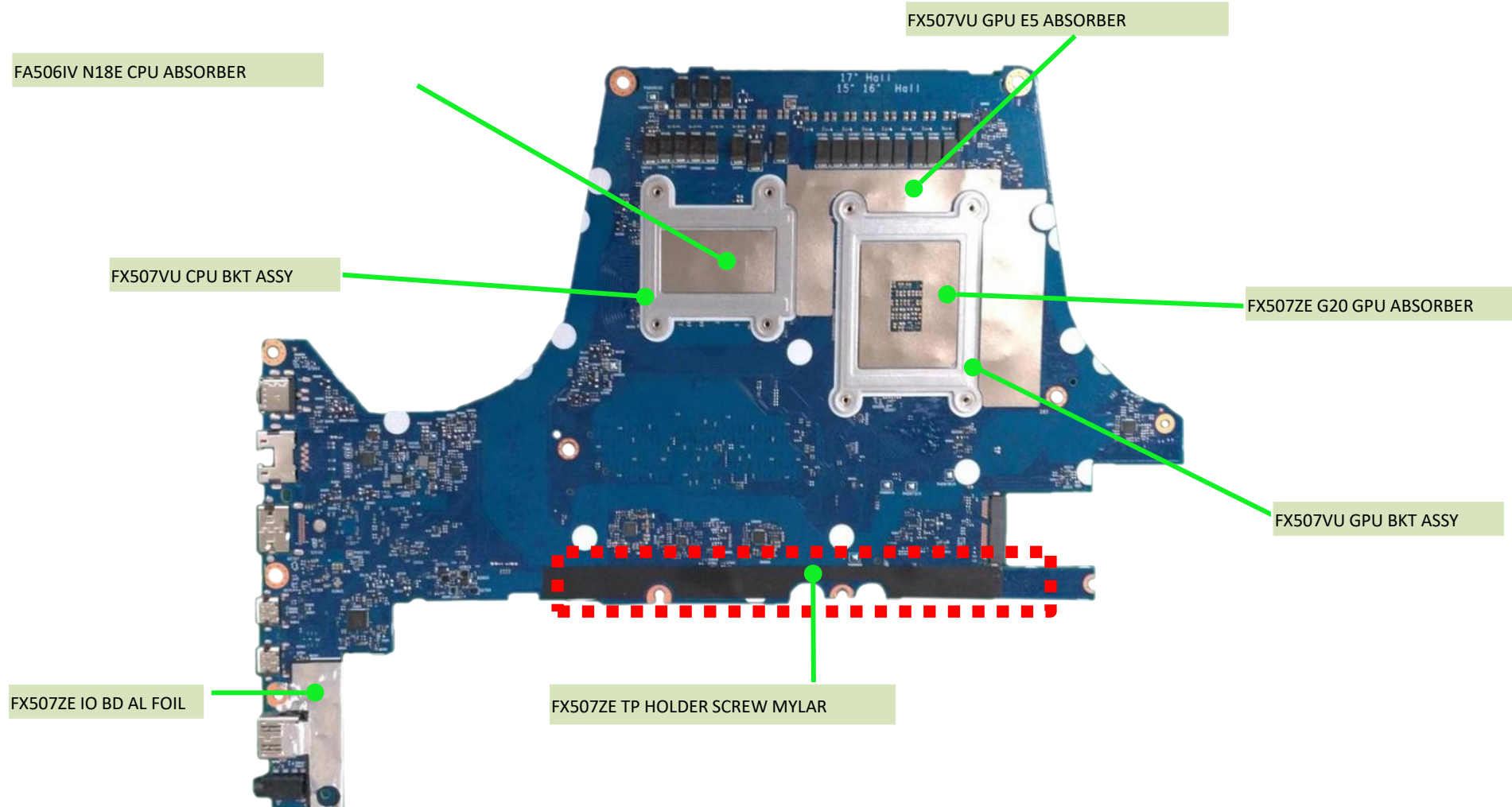
Mainboard connector placement



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



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.

BOT SIDE

Choose by GPU/VGA CHIP Model

NVIDIA GN20-P series FX507ZC MB G20P GPU BOT ABSORBER(INTEL P SERIES)

FA507VU SMT GSAKET LPG-S 2-2.5-2// LONGYANG

FA507VU GSAKET LPG-S 3-5-4// LONGYANG

Choose by GPU/VGA CHIP Model

NVIDIA GN20-P series FX507ZC MB G20P GPU BOT R ABSORBER(INTEL P SERIES)

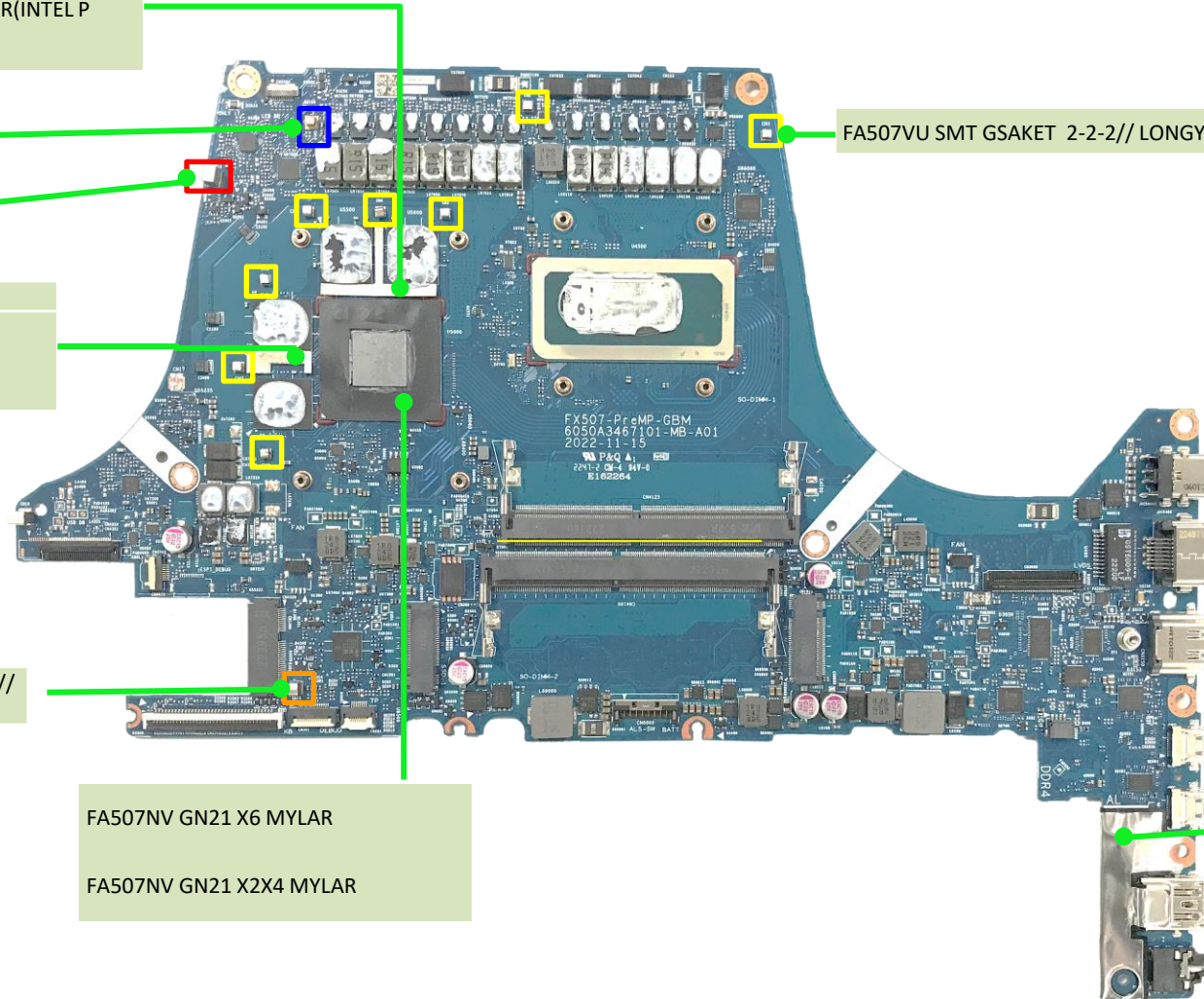
GA402XY SMT GSAKET L2.5*H3.5*W3// LONGYANG

FA507NV GN21 X6 MYLAR

FA507NV GN21 X2X4 MYLAR

FA507VU SMT GSAKET 2-2-2// LONGYANG

FX507ZE IO BD AL FOIL

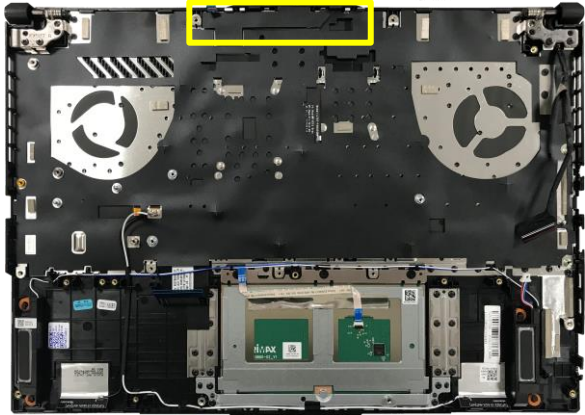


Disassembly Notice

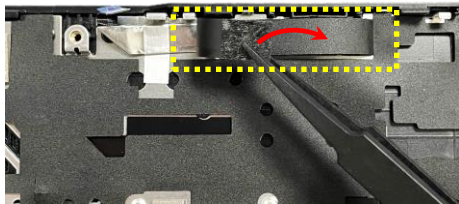


The device has an Ambient Light Sensor (ALS) for power-off protection Function.

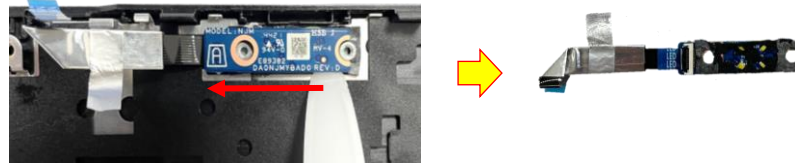
- Step 1 : Release the Mylar (yellow mark).
- Step 2 : Release the Gasket.
- Step 3 : Remove the LED BD with LED FFC.
- Step 4 : Disconnect the LED FFC connector and remove the LED FFC.



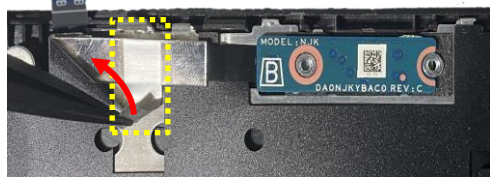
1 Release



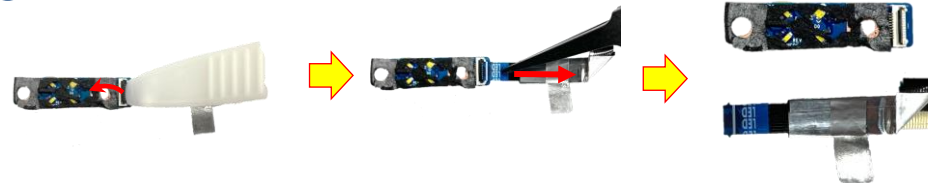
3 Remove



2 Release

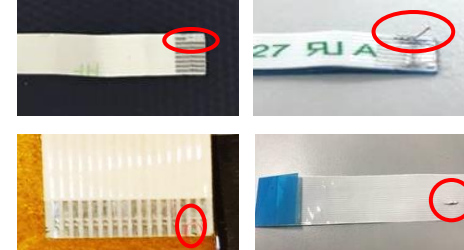


4 Disconnect

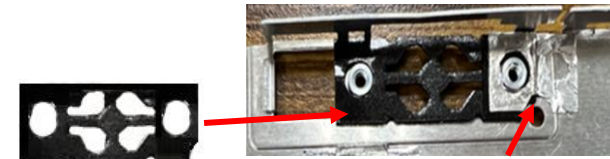


Assembly Notice

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



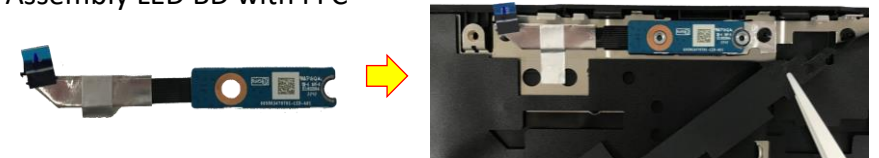
⚠ The TOP LED SPONGE and LED BD AL FOIL are not reusable after disassembly LED BOARD, before assembly LED BOARD Module, please follow the steps below to paste the new TOP LED SPONGE and LED BD AL FOIL.



Step1 :
Paste TOP LED SPONGE *1pc

Step2 :
Paste LED BD AL FOIL *1pc

Step3 :
Assembly LED BD with FFC



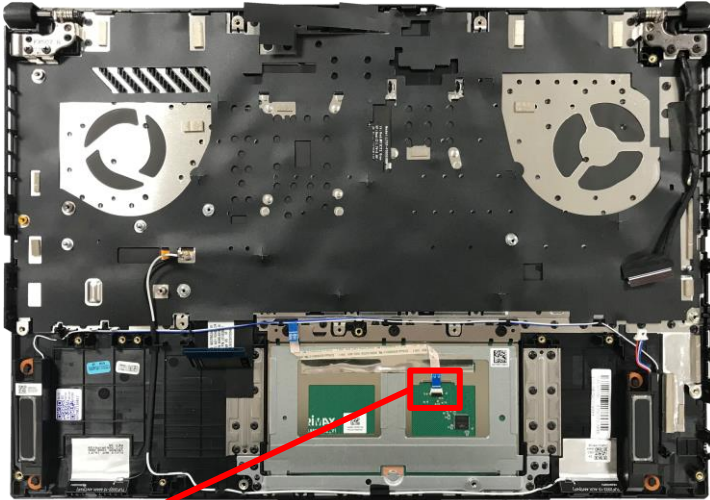
Disassembly Notice



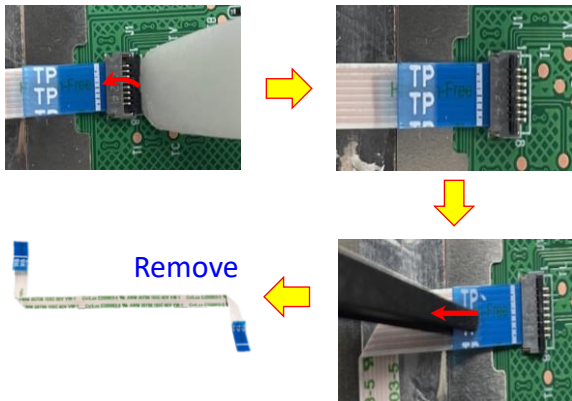
The device has an Ambient Light Sensor (ALS) for power-off protection Function.

Step 1 : Disconnect the TP FFC connector (red mark) and remove the TP FFC.

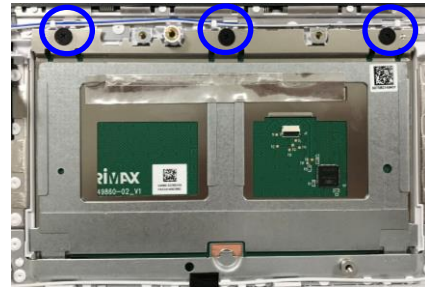
Step 2 : Remove the screws*3pcs and take out the Touchpad.



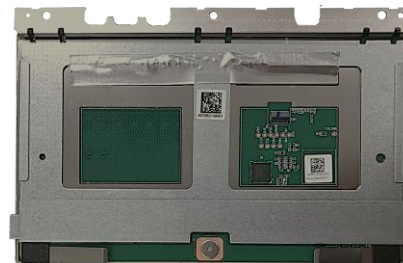
1 Disconnect



2 Remove



Take out



Screws	QTY	Spec	Torque (kgf-cm)
	3	M2*2L(6.2,0.55)(K)#1	2.0 ±0.2

Assembly Notice

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

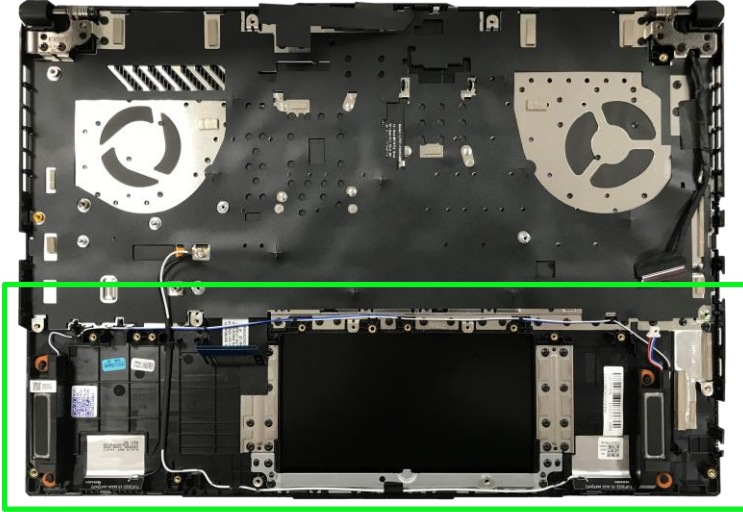


Disassembly Notice

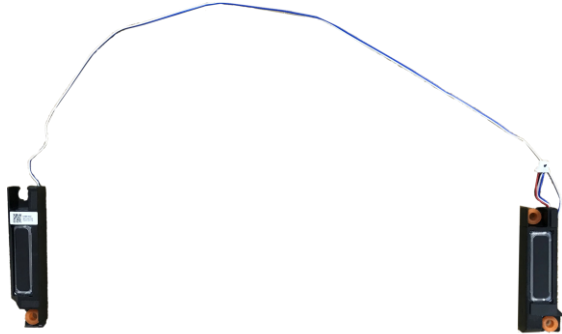


The device has an Ambient Light Sensor (ALS) for power-off protection Function.

Step 1 : Remove the SPEAKER.

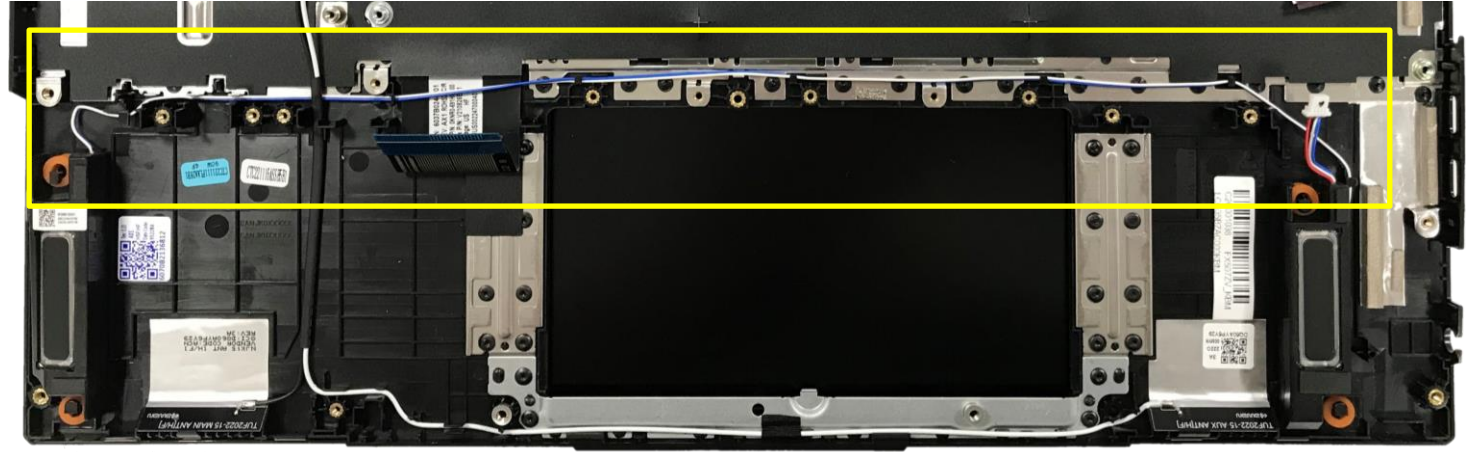


1 Remove



Assembly Notice

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



Disassembly Notice

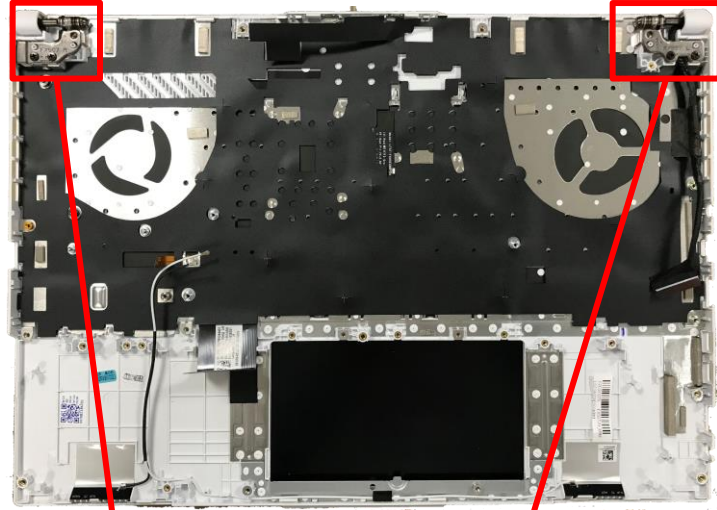


The device has an Ambient Light Sensor (ALS) for power-off protection Function.

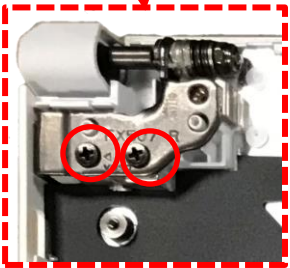
Step 1 : Remove the screws*4pcs (red mark).

Step 2 : Open and remove the KEYBOARD MODULE.

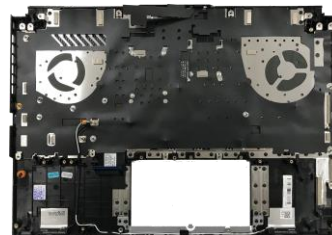
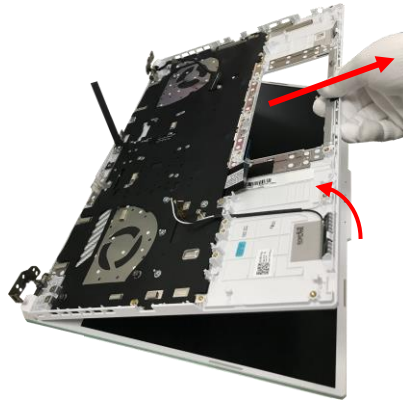
Screws	QTY	Spec	Torque (kgf-cm)
	4	M2.5*5L(K)B-ZN NY#1	2.5±0.2



1 Remove



2 Open and remove

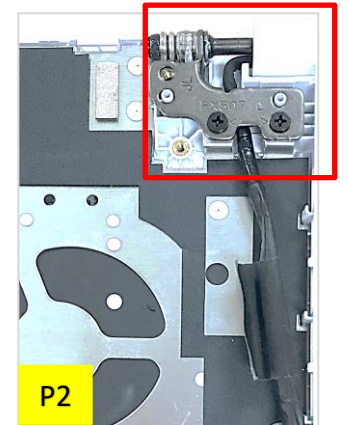
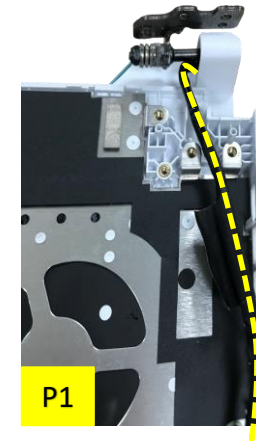


Assembly Notice

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 assembling hinge as picture.



Disassembly Notice

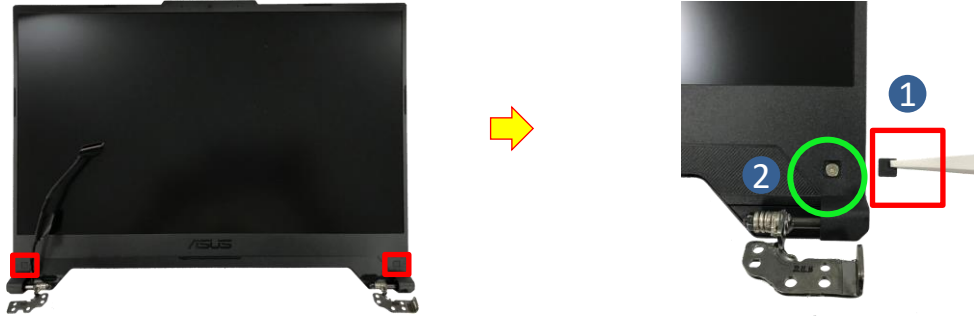


The device has an Ambient Light Sensor (ALS) for power-off protection Function.

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

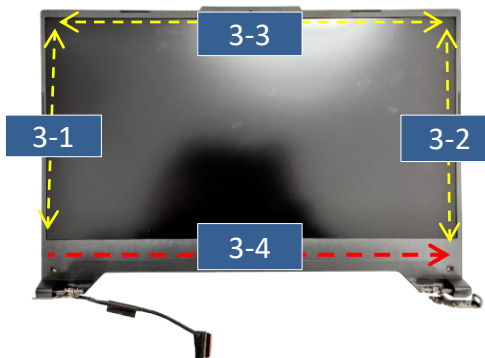
Step 2 : Remove the screws*2pcs.

Step 3 : Remove the LCD BEZEL.



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.

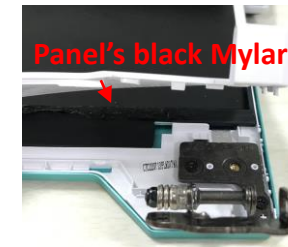


Screws	QTY	Spec	Torque (kgf-cm)
	2	M2.5*3.5L(4.5,0.5)(K)#1	2.50±0.2

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..



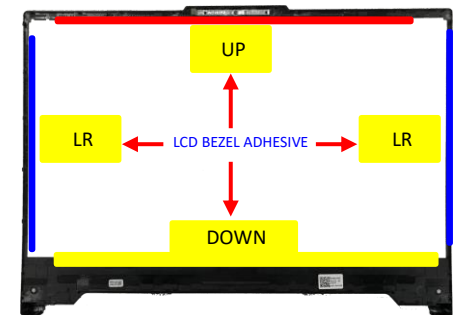
Assembly Notice



When reuse the LCD BEZEL:

Please paste new LCD BEZEL ADHESIVE before assembly BEZEL.

(New LCD BEZEL already contains LCD BEZEL ADHESIVE *4pcs)



Disassembly Notice




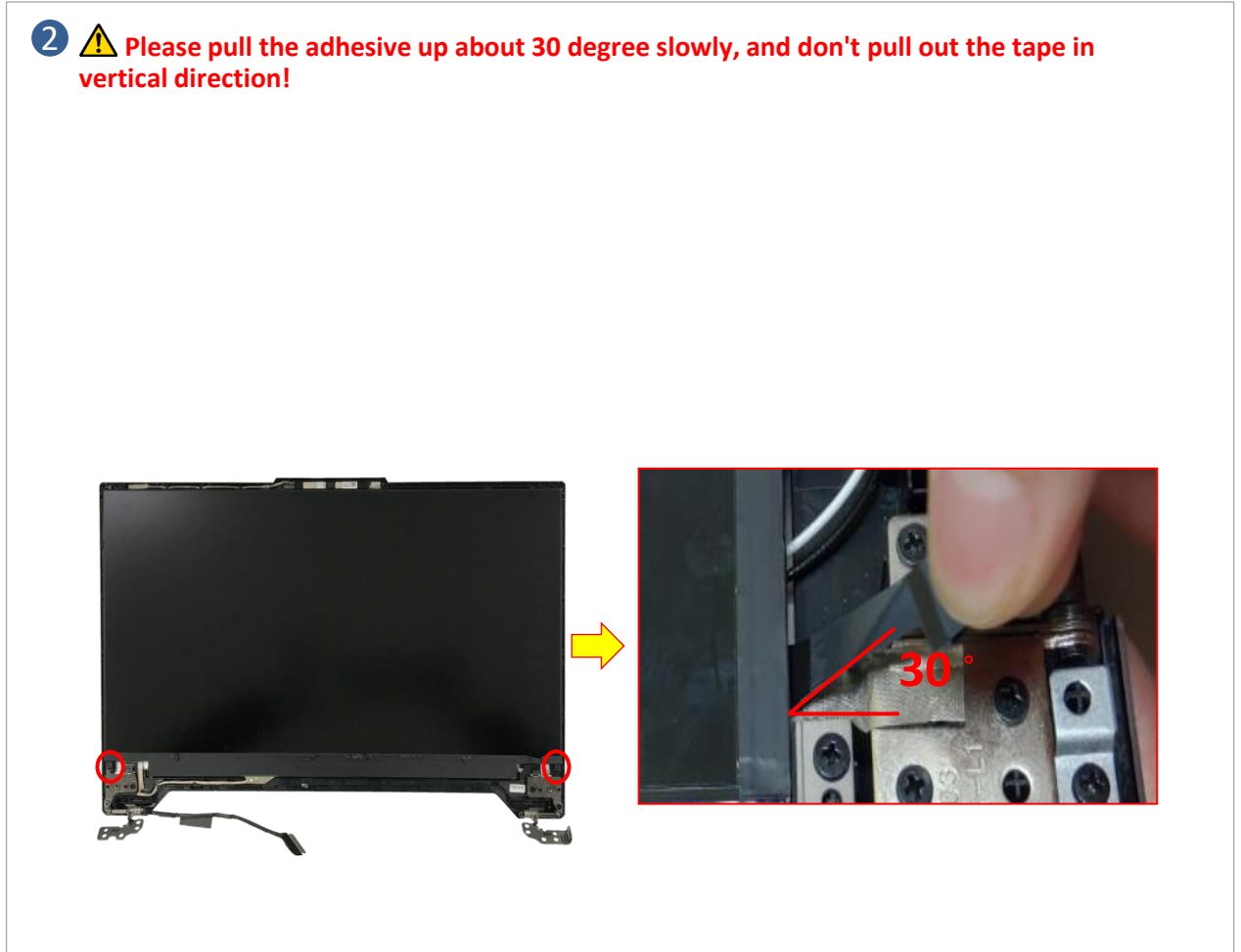
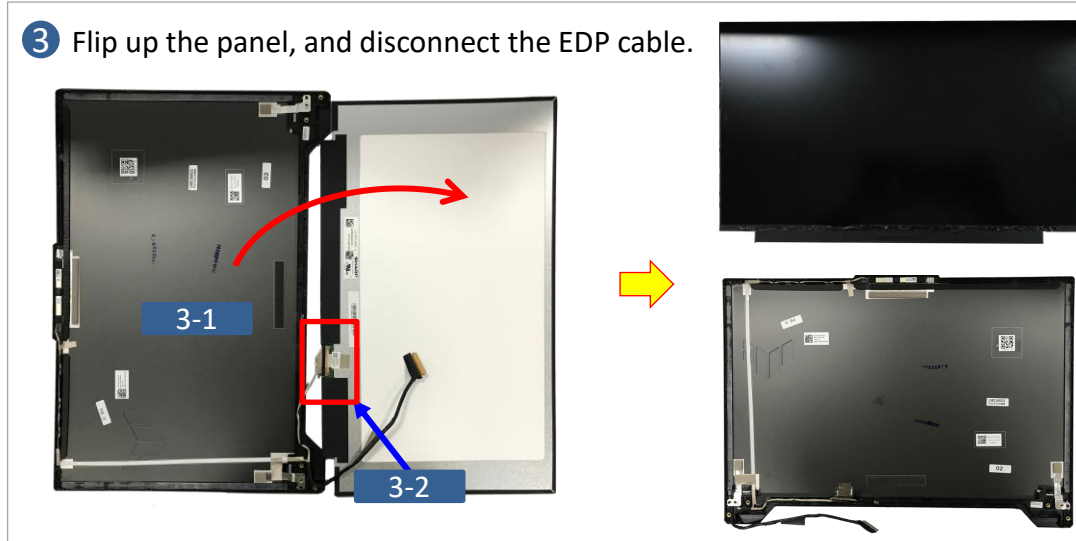
The device has an Ambient Light Sensor (ALS) for power-off protection Function.

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 #1	2.50±0.2

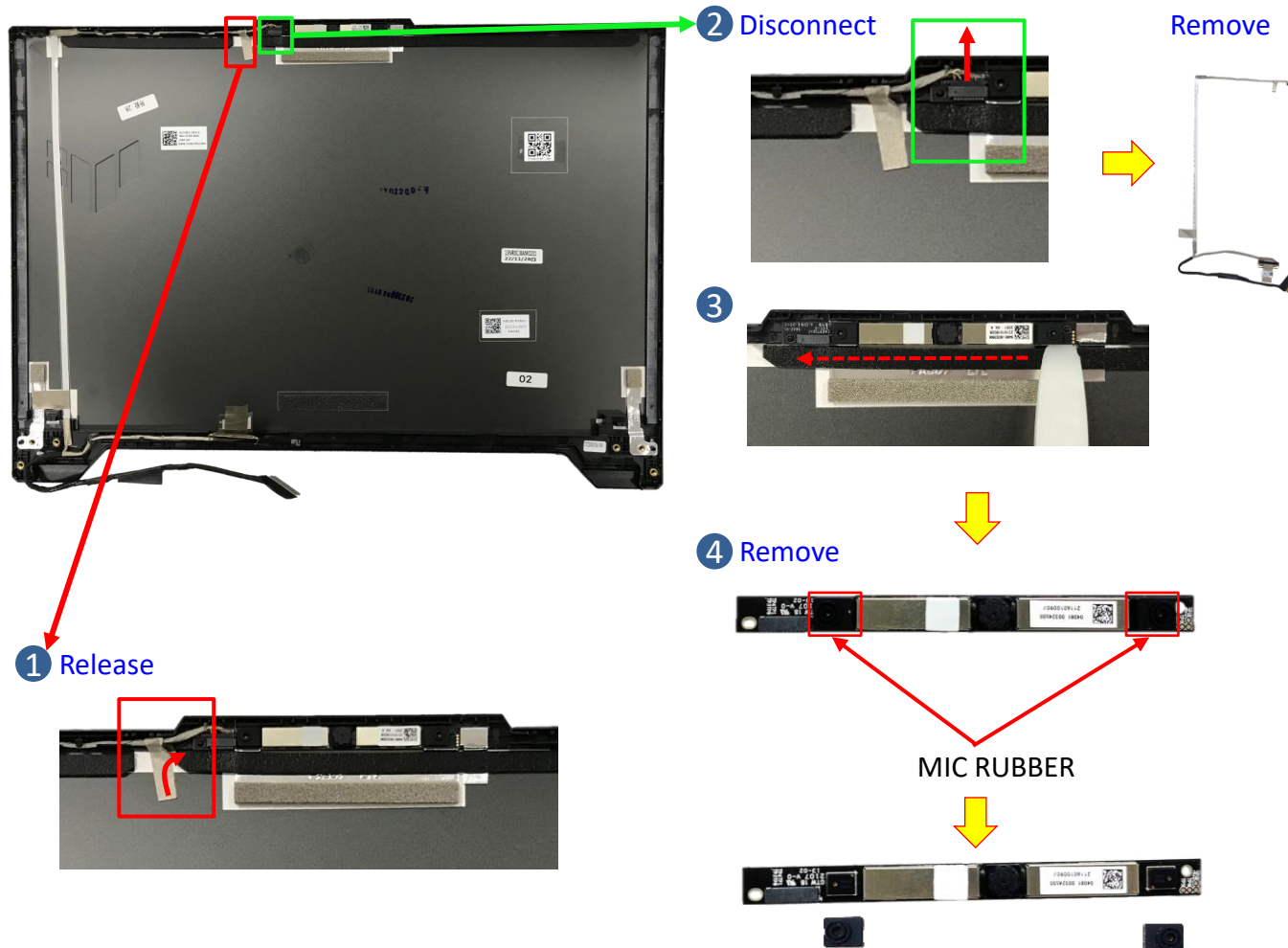


Disassembly Notice



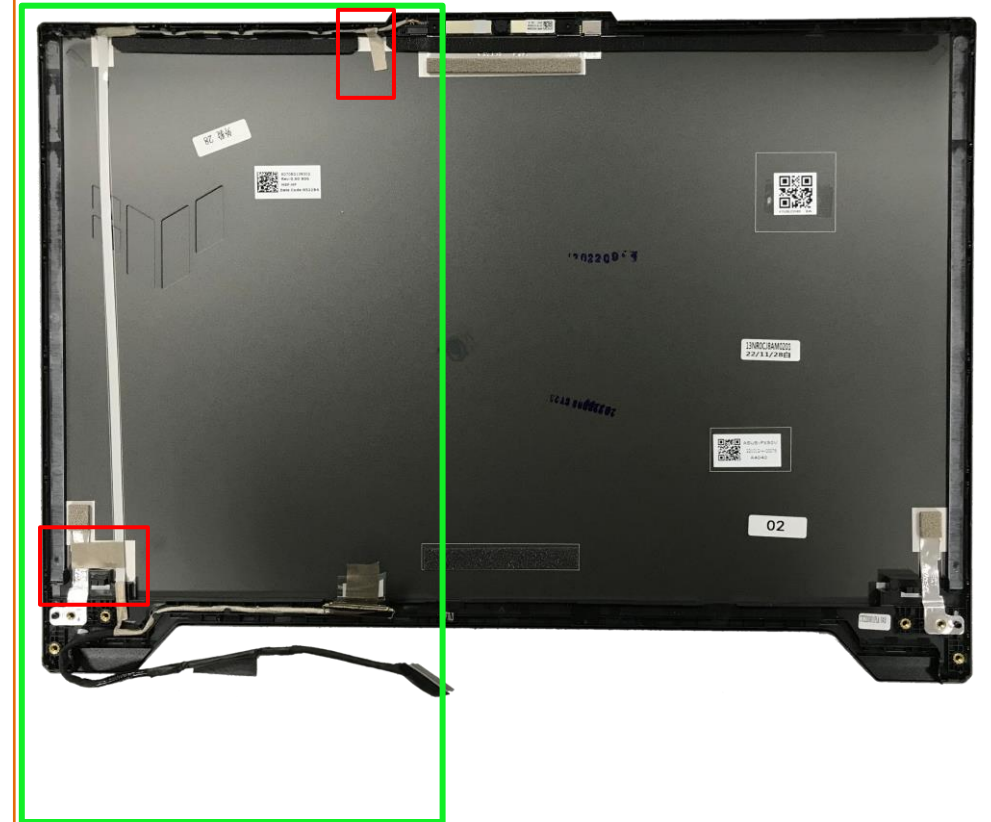
The device has an Ambient Light Sensor (ALS) for power-off protection Function.

- 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.



Assembly Notice

Please follow the green mark to tidy up EDP cable.



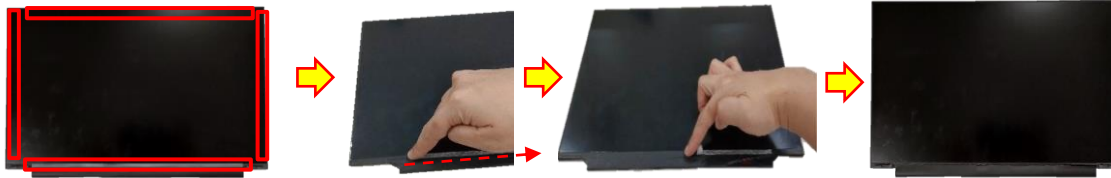
Assembly Notice



The device has an Ambient Light Sensor (ALS) for power-off protection Function.

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.



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

Step 1: Make sure the cable is secured to the clip as below red mark.

Step 2: Put the hinge back in and lock screws*2pcs on each side.

Step 3: Put the bezel back and make sure the cable through the bezel as below red circle.

