
ASUS ROG STRIX G15 (G513) series

ASUS STRIX SCAR 15 (G533) 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.

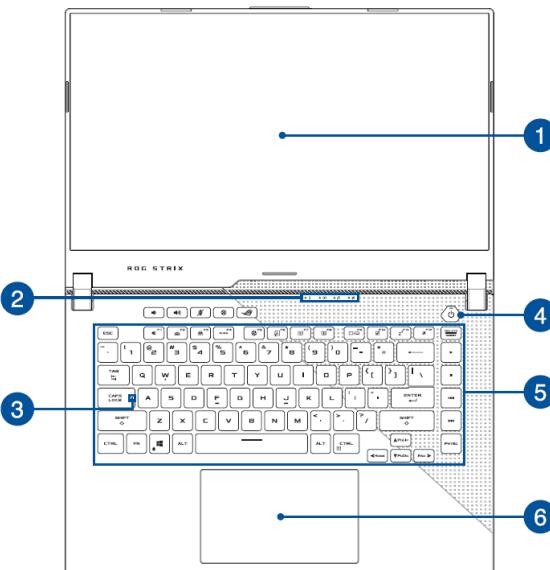
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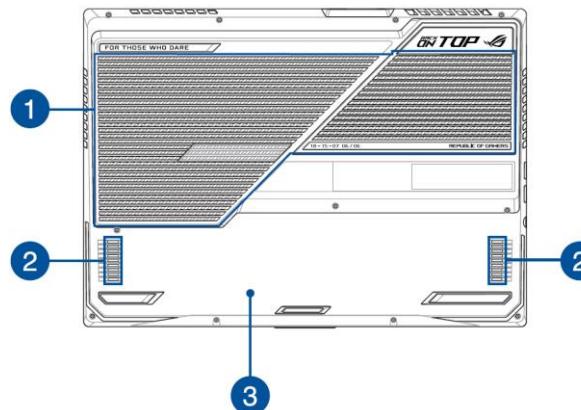
- **Carefully read through this Service Guide for a look at various components of the device before performing any service and repairs.**
- To provide the best service, we have provided the below information for technicians from distributors and resellers to perform the complete device disassembly and 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.

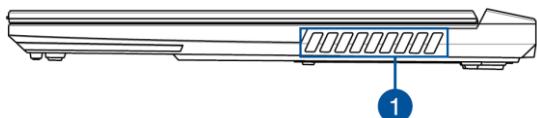
ASUS ROG STRIX G15 (G513) series Overview

Top View

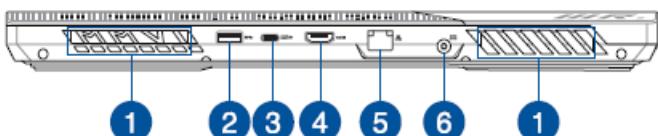
- 1 Display panel
- 2 Status indicators
- 3 Capital lock indicator
- 4 Power button
- 5 Keyboard
- 6 Touchpad

Bottom View

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

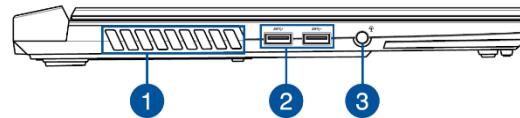
Right View

- 1 Air vents

Rear View

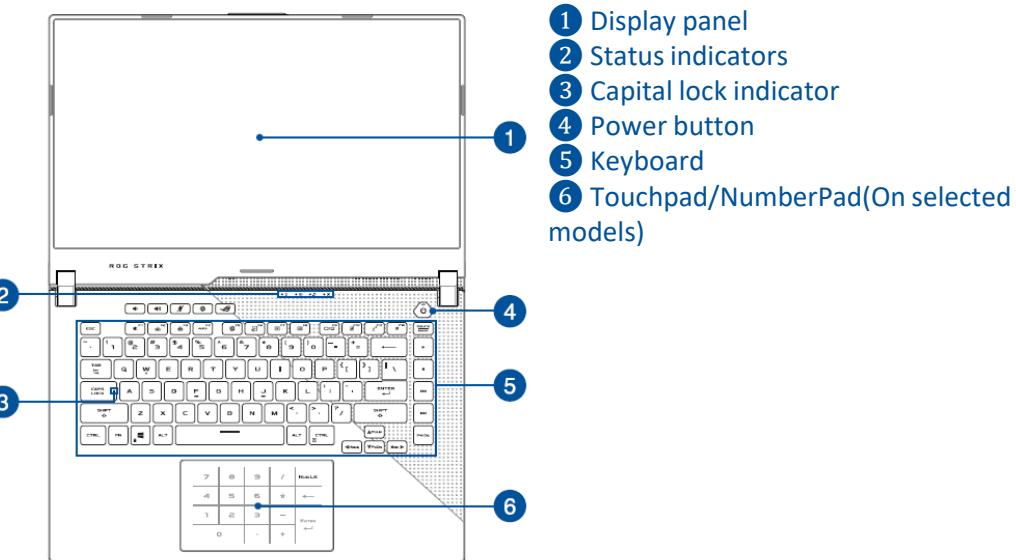
- 1 Air vents
- 2 USB 3.2 Gen 1 port
- 3 USB 3.2 Gen 2 Type-C®/DisplayPort/Power Delivery combo port
- 4 HDMI output port

- 5 LAN port
- 6 Power(DC) input port

Left View

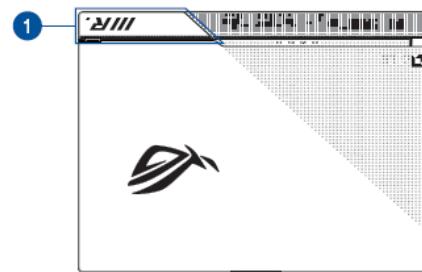
- 1 Air vents
- 2 USB 3.2 Gen 1 port
- 3 headphone/Headset/Microphone jack

Top View



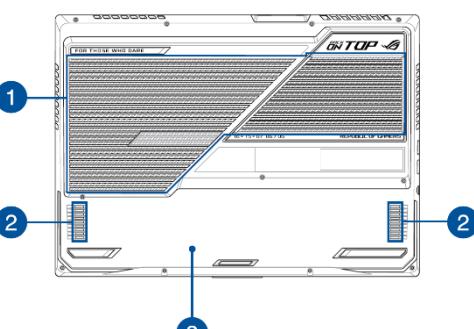
- 1 Display panel
- 2 Status indicators
- 3 Capital lock indicator
- 4 Power button
- 5 Keyboard
- 6 Touchpad/NumberPad(On selected models)

Top View (lid closed)



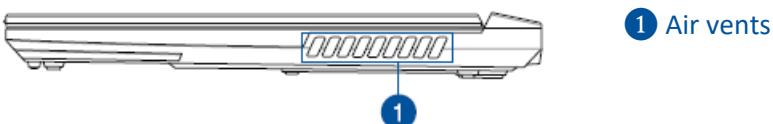
- 1 Customizable Armor Cap

Bottom View



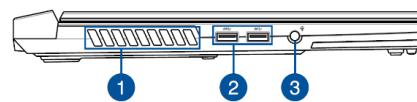
- 1 Air vents
- 2 Audio speakers
- 3 Compartment cover

Right View



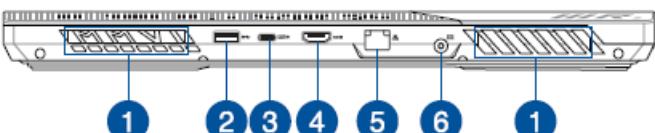
- 1 Air vents

Left View



- 1 Air vents
- 2 USB 3.2 Gen 1 port
- 3 Headphone/Headset/Microphone jack

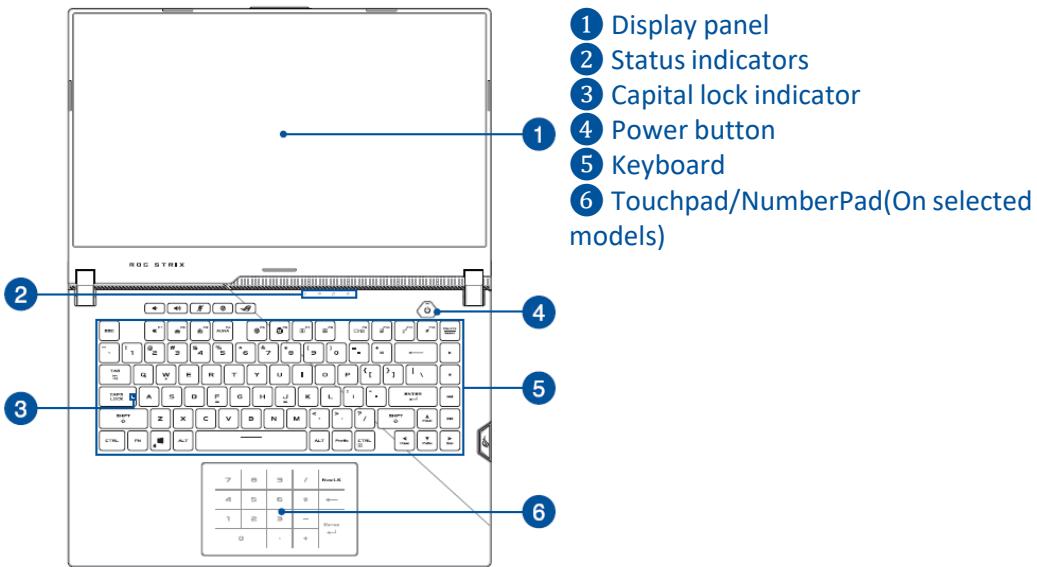
Rear View



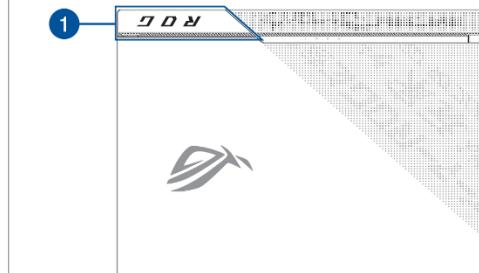
- 1 Air vents
- 2 USB 3.2 Gen 1 port
- 3 USB 3.2 Gen 2 Type-C®/DisplayPort/Power Delivery combo port
- 4 HDMI output port

- 5 LAN port
- 6 Power(DC) input port

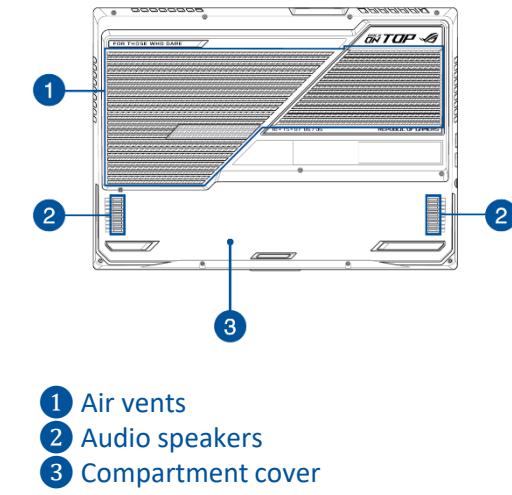
Top View



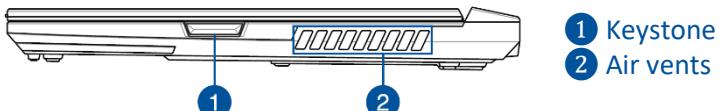
Top View (lid closed)



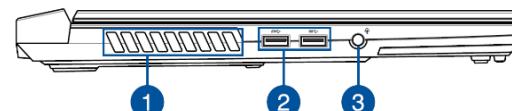
Bottom View



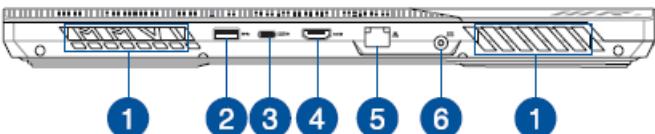
Right View



Left View



Rear View



Components Top View

◆ LCD COVER MODULE	◆ THERMAL MODULE	◆ SSD	◆ MAIN BOARD	◆ LED RUBBER	◆ SCAR LIGHT OP LB FFC (20P 0.5 L31mm)	◆ SCAR LIGHT OPMAIN FFC (30P 0.5 L50mm)	◆ KB BRKT LED BD CONDUCTIVE TAPE
◆ LCD BEZEL		◆ DDR	◆ IR BOARD	◆ ABSORBER	◆ IR BOARD FFC (6P 0.5 L77mm)	◆ LED FFC (14P 0.5 L160mm)	
◆ 15.6' LCD	◆ FAN (VGA) (CPU)	◆ WIFI CARD	◆ POWER SWITCH BD	◆ SSD THERMAL PAD	◆ EDP CABLE	◆ SCAR P H L FFC (20P 0.5 L55mm)	◆ TP MODULE GND CONDUCTIVE TAPE
◆ BASE CASE	◆ HINGE	◆ SPEAKER WOOFER	◆ LED BOARD	◆ WIFI ANTENNA	◆ TP FFC (8P , L142mm)	◆ POWER KEY FFC (10P 0.5 L43.5mm)	◆ BTM U BAR CORNER MYLAR
	 		 	 WIFI ANTENNA1 WIFI ANTENNA2			
◆ KEYBOARD MODULE	◆ HINGE CAP	◆ SPEAKER	◆ SOUL KEY BD		◆ U LIGHT BAR L/R FFC L: 6P 0.5 L164mm R: 6P 0.5 L218mm	◆ MIC FFC (4P 0.5 L70mm)	
					 L: 6P 0.5 L164mm R: 6P 0.5 L218mm		
◆ HINGE COVER	◆ BATTERY CABLE	◆ TOUCH PAD	◆ INDICATOR BOARD		◆ V CUT LIGHTING	◆ Washer	◆ MYLAR
 TOP BATTERY SPONGE UP TOP BATTERY SPONGE DOWN						 Washer for NumberPad SKU*2pcs	 G533QS METAL DONE MYLAR TP(NON NUMBER PAD) 1pcs
◆ THERMAL COVER	◆ BATTERY	◆ TP FRAME	◆ MIC BD	◆ LOGO BACK LIGHT MODULE	◆ NFC FFC (20P 0.5 L54mm)		
 (Only for Scar G533 Series and G513QY THERMAL COVER can be replace.)	 TOP BATTERY SPONGE UP TOP BATTERY SPONGE DOWN		 MIC RUBBER				
						G513QC TP SUPPORT BRKT MYLAR X50(NON NUMBER PAD) 2pcs	
						G733QS TP BRKT PUNCH MYLAR(NUMBER PAD SKU) 2pcs	

Components Bottom View

◆ LCD COVER MODULE



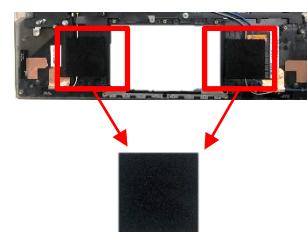
◆ KEYBOARD MODULE



◆ MAIN BOARD



◆ TOP CASE SPONGE



◆ CLICK PAD MYLAR



◆ LCD BEZEL ADHESIVE UP



◆ LCD BEZEL



◆ LCD PANEL



◆ BASE CASE



◆ SOUL KEY BD



◆ HOOK RUBBER R&L



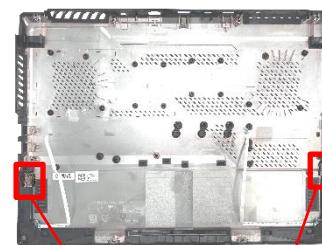
◆ THERMAL MODULE ASSY



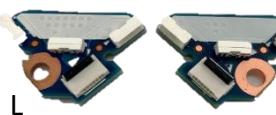
◆ INDICATOR BOARD



◆ BTM U BAR SIDE SPONGE



◆ LED BOARD



◆ IR BOARD (FOR G513QY)



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 disassembly/assembly.

Appropriate Tools

Please prepare and select the appropriate tools to disassemble/assemble for the **ASUS ROG Strix SCAR 15 (G533) / ROG Strix G15 (G513) series** notebook.

◆ Screwdriver

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



◆ Plastic Blade



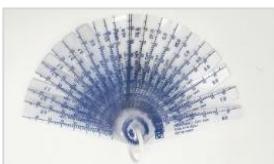
◆ Plastic Tweezers

Use a pair of tweezers to remove/insert/tidy 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 PTM7958



◆ PLASTIC CARD T=0.35mm



◆ PLASTIC PICK T=0.5mm

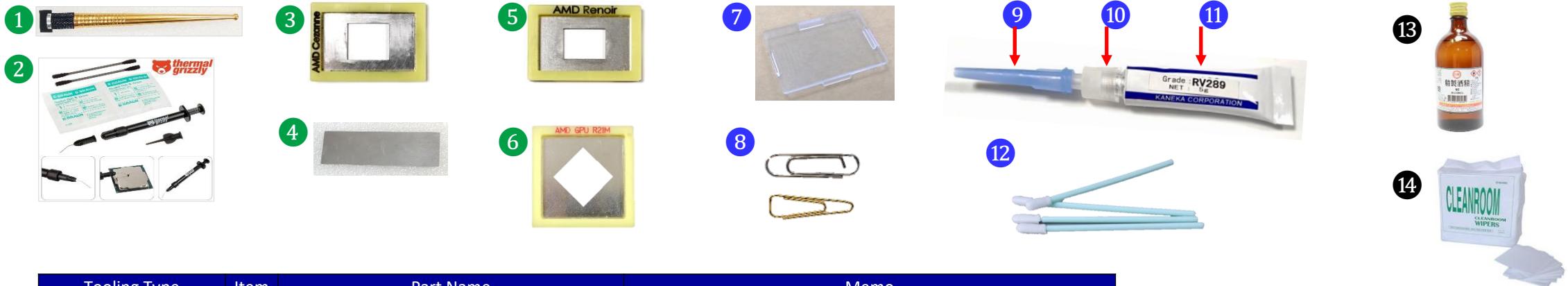


◆ FCR-AS Thermal Grease



Appropriate Tools

Please prepare and select the appropriate tools to disassemble/assemble for the **ROG STRIX G15(G513) / ROG STRIX SCAR 15(G533) series** notebook.



Tooling Type	Item	Part Name	Memo
For Liquid metal use	1	Silicone scraping pen	
	2	Conductonaut 1g (Liquid Metal)	<ul style="list-style-type: none"> ▪Please store it in the environment of 10 ~ 40 °C. ▪Please keep cover tightly closed until ready for next time use. ▪Shipping category : Dangerous Goods.
	3	AMD Cezanne CPU steel plate//2020	
	4	Stainless steel plate (60mm*20mm*0.2t)	
	5	AMD Renoir CPU steel plate//2019	
	6	AMD GPU R21M steel plate	For G513QY use
For RV289 Glue use	7	Height limit fixture	
	8	Paperclip	
	9	Glue Nozzle	
	10	Glue Connector	
	11	Thermally Conductive Elastomer (RV289 5G)	<ul style="list-style-type: none"> ▪Please store it in the environment under 27°C. ▪Please keep cover tightly closed until ready for next time use. ▪Shipping category : NOT Dangerous Goods.
	12	Dust-free cotton swab//class 100 (100pcs)	
For Clean use	13	95% alcohol	
	14	Dust-free cloth	

⚠ Warning :
When the tool is with Liquid Metal or Thermally Conductive Elastomer (RV289) residue, please clean tools with dust-free cloth and 95% alcohol.

BOTTOM CASE

Disassembly Notice

Step 1 : Remove screws *10pcs.

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

Step 3 : Disconnect LED R and LED L connector.

(For G513 Series tail code is C/E/H)

Screws	QTY	Spec	Torque (kgf-cm)
	7	M2.5*9L(4.6,0.85)(K) #1	2.5±0.2
	3	M2.5*4.5L(4.5,0.8) (K) #1	2.5±0.2

There are cables which connected to MB, so please do not pull out the bottom case directly.
Please disconnect the cables and then remove the bottom case.

(For Other Series)

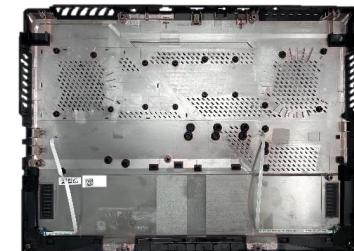
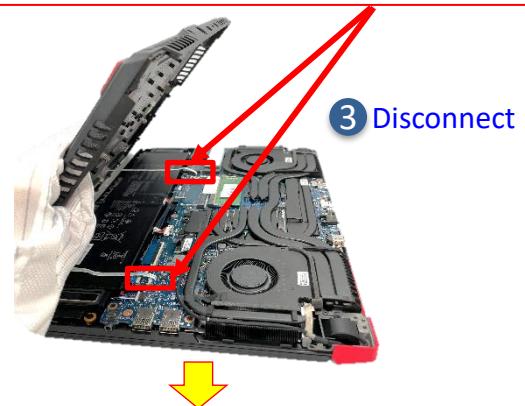
Screws	QTY	Spec	Torque (kgf-cm)
	7	M2.5*12L(4.6,0.85)(K) #1	2.5±0.2
	3	M2.5*6L(4.5,0.5)(K) #1	2.5±0.2



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

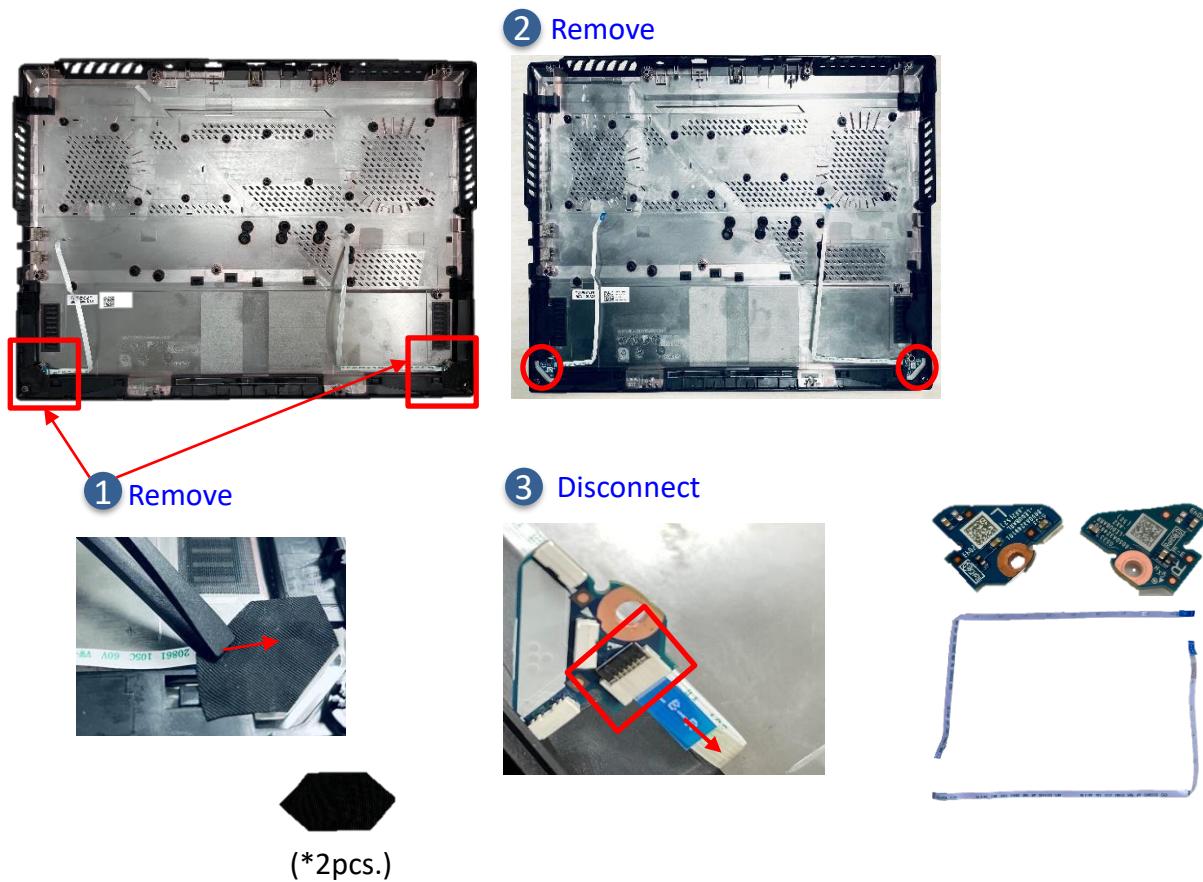


BOTTOM CASE

Disassembly Notice

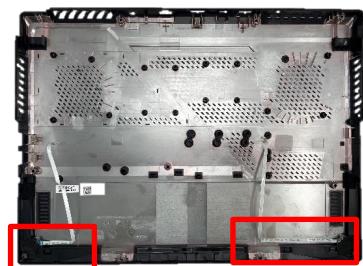
- Step 1 : Remove BTM U bar Mylar *2pcs.
 Step 2 : Remove screw*2 pcs and LED module.
 Step 3 : Disconnect LED R and LED L FFC*2 pcs.

Screws	QTY	Spec	Torque (kgf-cm)
	2	M2*3.5L(4.0.8) (K)#1	2.0±0.2



Assembly Notice

- ⚠ Please follow red mark below to tidy FFC.** **⚠ If FFC is damage during disassembly, please replace new one. Here are some samples of FFC damage:**



- ⚠ The Mylar should not be wrinkled or skewed.**



- ⚠ For Bottom case assembly, please check the position of the two red mark. If it is a Mylar, you need to remove it and repost the sponge. (for G533QM/QS/QR)**



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.

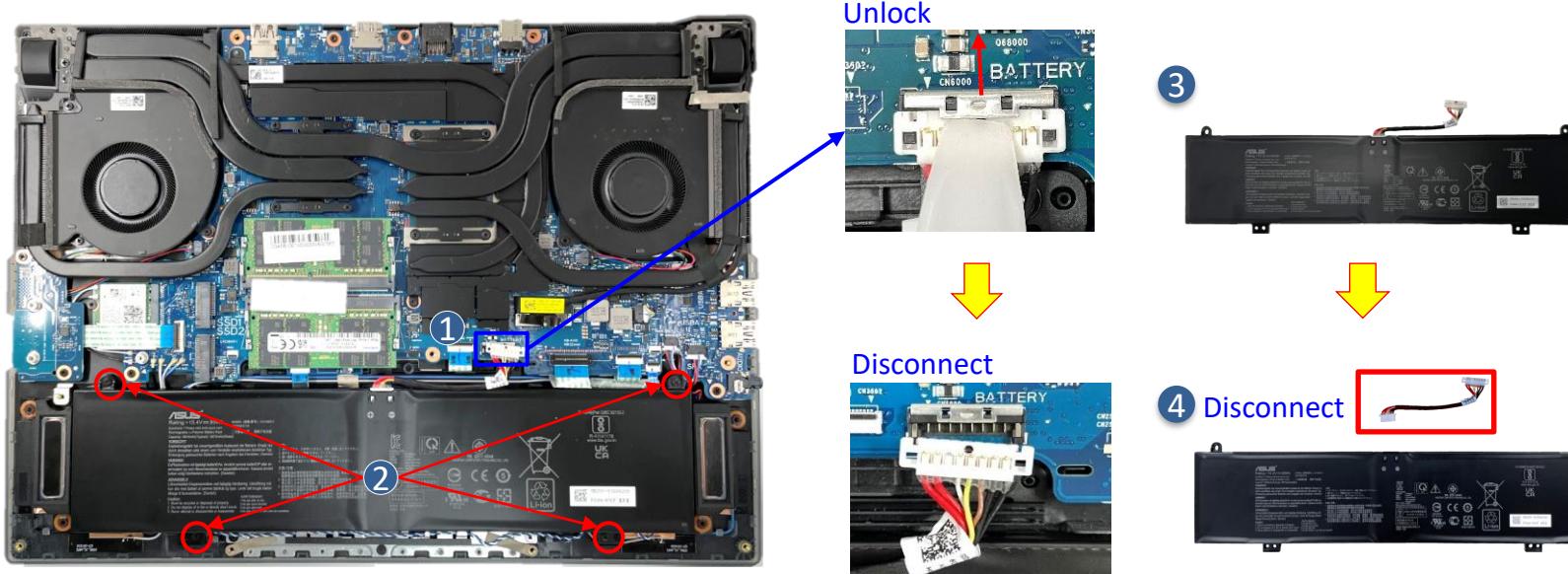
Step 1 : Disconnect the battery connector.

Step 2 : Remove screws *4pcs.

Step 3 : Remove BATTERY.

Step 4 : Disconnect the battery cable.

Screws	QTY	Spec	Torque(kgf-cm)
	4	M2.5*5.5L(4.5,0.8) (K)#1	2.5±0.2

**Assembly Notice**

⚠ For Battery assembly, please paste battery sponge first.

TOP BATTERY SPONGE UP



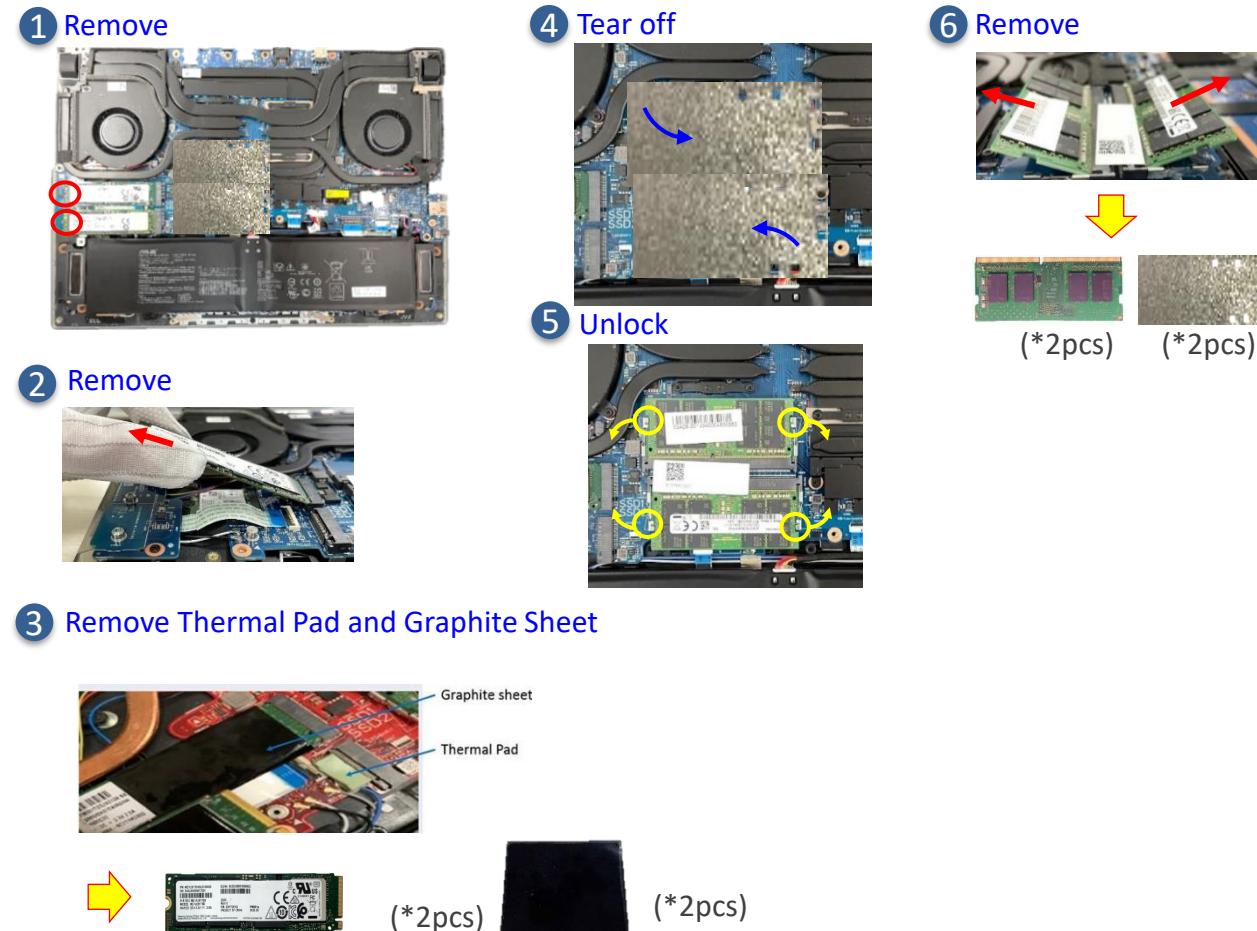
TOP BATTERY SPONGE DOWN

Disassembly Notice

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



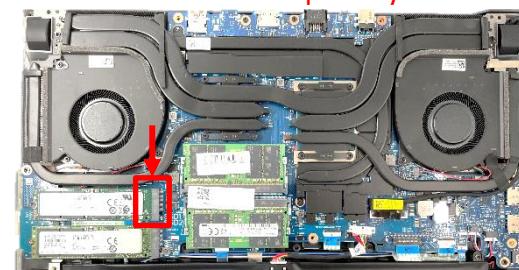
- Step 1 : Remove the screws *2pcs.
- Step 2 : Remove SSD at left side.
- Step 3 : Remove SSD Thermal Pad.
- Step 4 : Tear off DDR Absorber.
- Step 5 : Unlock DDR.
- Step 6 : Remove DDR.



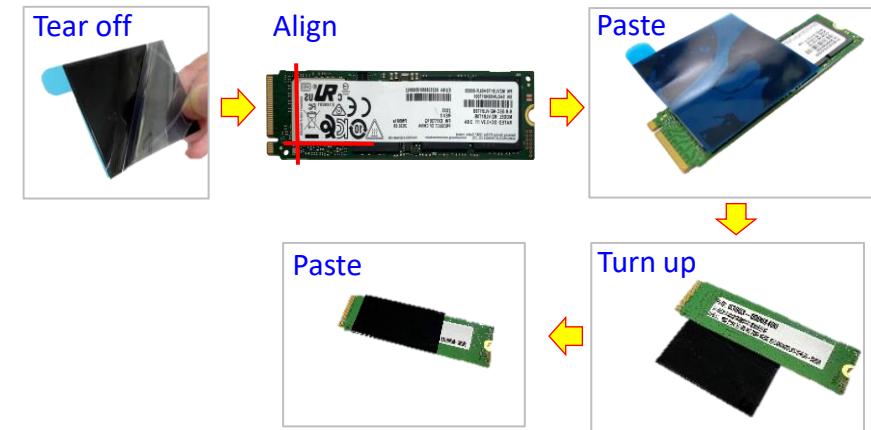
Screws	QTY	Spec	Torque (kgf-cm)
	2	M2*3L (5.6,0.8) (K) #1	2.0±0.2

Assembly Notice

⚠ Please use this SSD slot as first priority.



⚠ For SSD assembly, please paste the Graphite Sheet. Graphite sheet don't reuse.



⚠ For DDR assembly, please paste the Absorber.



INDICATOR BOARD

Disassembly Notice

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



Step 1 : Disconnect the FFC connector.

Step 2 : Remove NFC FFC on the Mainboard.

Step 3 : Remove screw *2pcs and remove INDICATOR BOARD.

Step 4 : Disconnect NFC FFC.

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



1 Disconnect



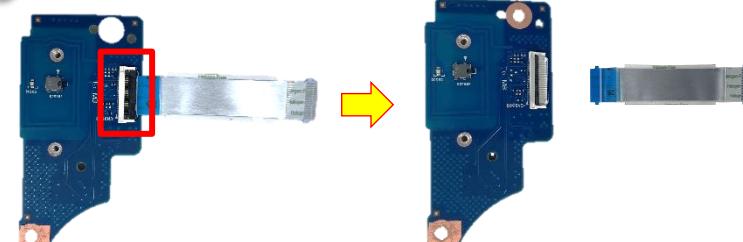
3 Remove



2 Remove



4



Assembly Notice



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



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 WIFI CARD.

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



1 Disconnect



2 Remove



3 Remove

**Assembly Notice**

Please according to below image to assemble RF cable.



Disassembly Notice

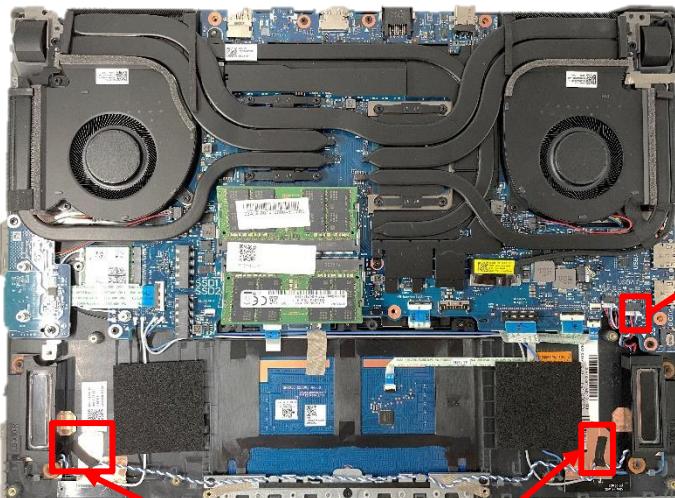
Please be sure to pull out adapter and disconnect the battery.



Step 1 : Release the L side tape and R side tape.

Step 2 : Disconnect the SPEAKER woofer connector.

Step 3 : Remove SPEAKER woofer.



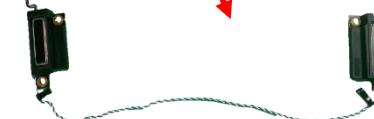
② Disconnect



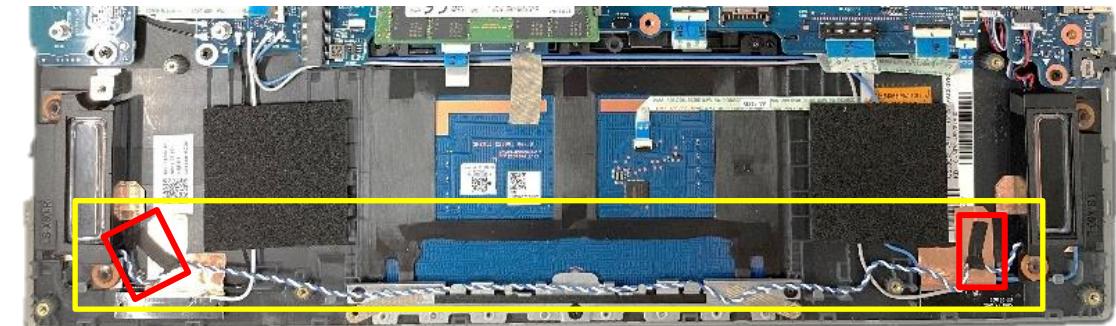
① Release



③ Remove

**Assembly Notice**

⚠ For Speaker assembly, please follow yellow and red mark below to tidy cable.

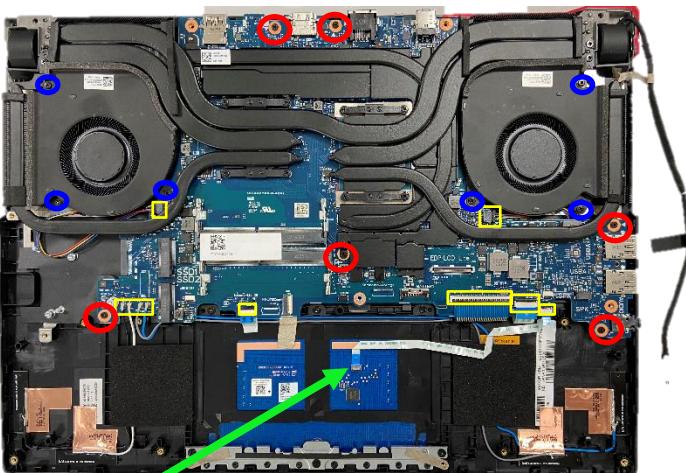


Disassembly Notice

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

- Step 1 : Disconnect (yellow mark) connector.
- Step 2 : Remove TP FFC.
- Step 3 : Remove screws *12pcs.
- Step 4 : Remove MB and Thermal and FAN module.
- Step 5 : Remove FAN *2pcs.

1 Disconnect (Yellow mark)

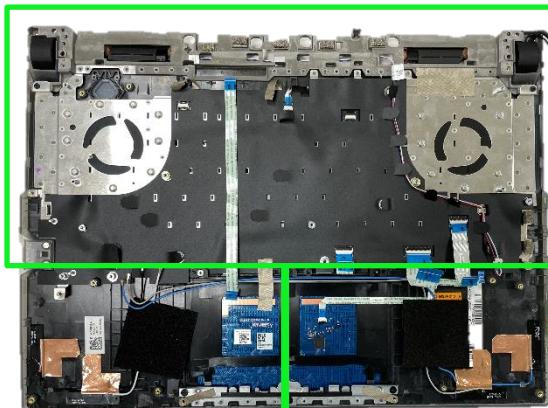


2 Remove

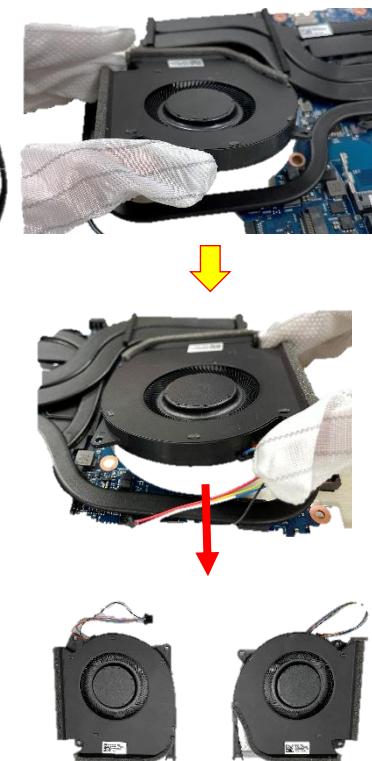


3 Remove
(Red and blue mark)

4 Remove module (MB + Thermal + FAN)



5 Remove FAN

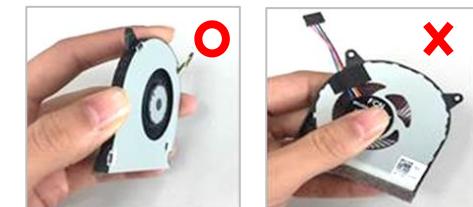


Assembly Notice

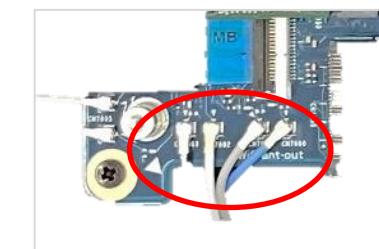
 If FFC is damage during disassembly, please replace new one. Here are some samples of FFC damage:



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



 Please follow the red mark to connectors.



Disassembly Notice

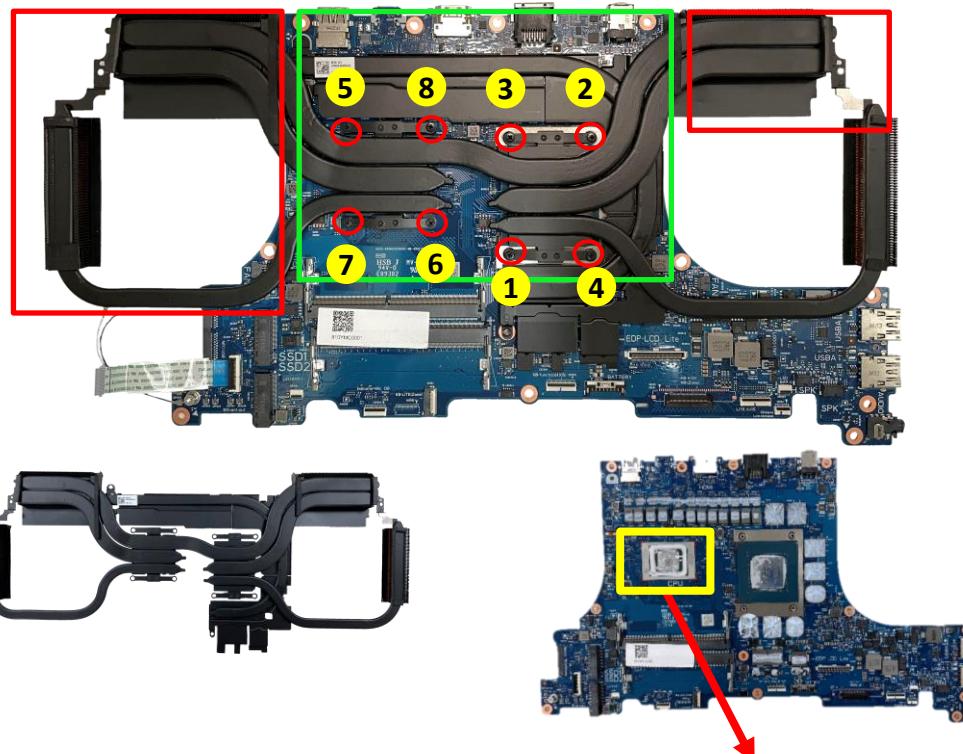
Please be sure to pull out adapter and disconnect the battery.



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.



⚠ Please refer Repair Notice SOP for Liquid metal rework.

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

Assembly Notice



Step-1

Please refer [Repair Notice SOP](#) for **Liquid metal** rework when reassemble thermal module before.

- THERMAL MODULE Location:[VRAM/CHOKE/MOS]
Material: FCR-AS Grease
- MB Location:[GPU]
Material: (GA500 Grease)

Note: Only For G513QY, GPU thermal material is Liquid metal.
Please refer [Repair Notice SOP](#) for **Liquid metal** rework when reassemble thermal module before.

Step-2

Please refer [Repair Notice SOP](#) for **Liquid metal** rework when reassemble thermal module before.

- MB Location:[CPU]

Step-3

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.

Disassembly Notice

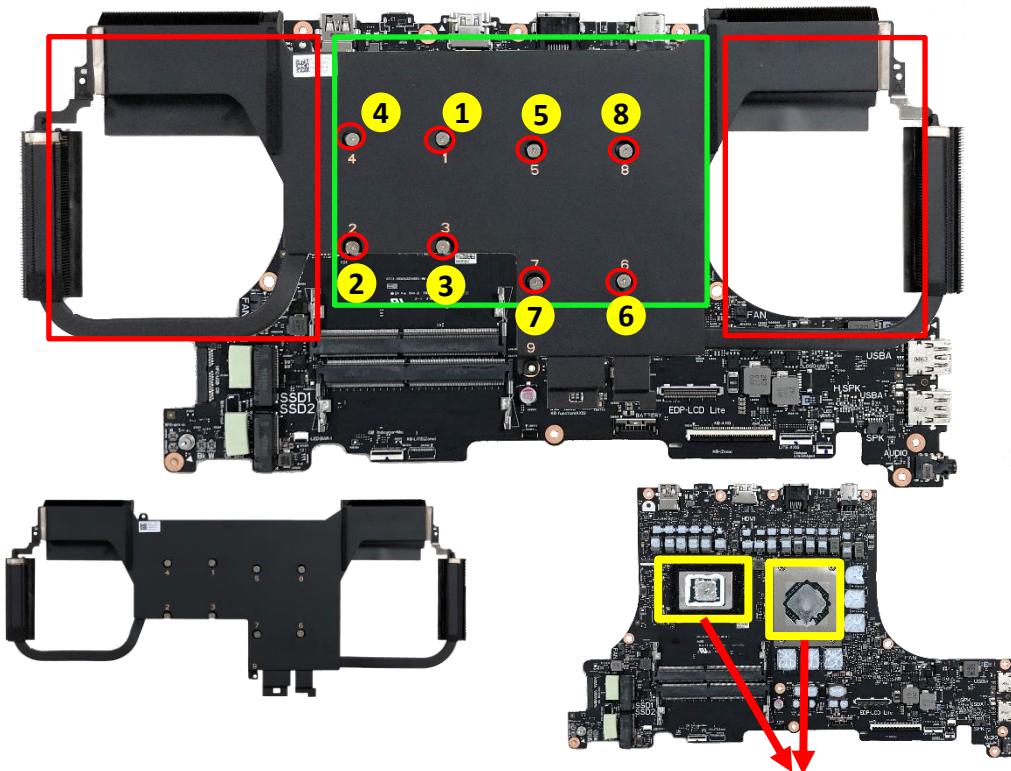
Please be sure to pull out adapter and disconnect the battery.



Step 1 : Please follow the reverse screws numbers to loosen the retention screws *8pcs without removing form the thermal module.

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.



⚠ For G513QY, CPU and GPU thermal material is Liquid metal, please refer Repair Notice SOP for Liquid metal rework.

Screws	QTY	Spec	Torque (kgf-cm)
	8	Retention Screw	2.0±0.2

Assembly Notice



Step-1

Please refer [Repair Notice SOP](#) for thermal material rework when reassemble thermal module before.

- THERMAL MODULE Location:[VRAM/CHOKE/MOS]
Material: FCR-AS Grease
- MB Location:[GPU]
Material: (GA500 Grease)

Note: Only For G513QY, GPU thermal material is Liquid metal.
Please refer [Repair Notice SOP](#) for Liquid metal rework when reassemble thermal module before.

Step-2

Please refer [Repair Notice SOP](#) for Liquid metal rework when reassemble thermal module before.

- MB Location:[CPU]

Step-3

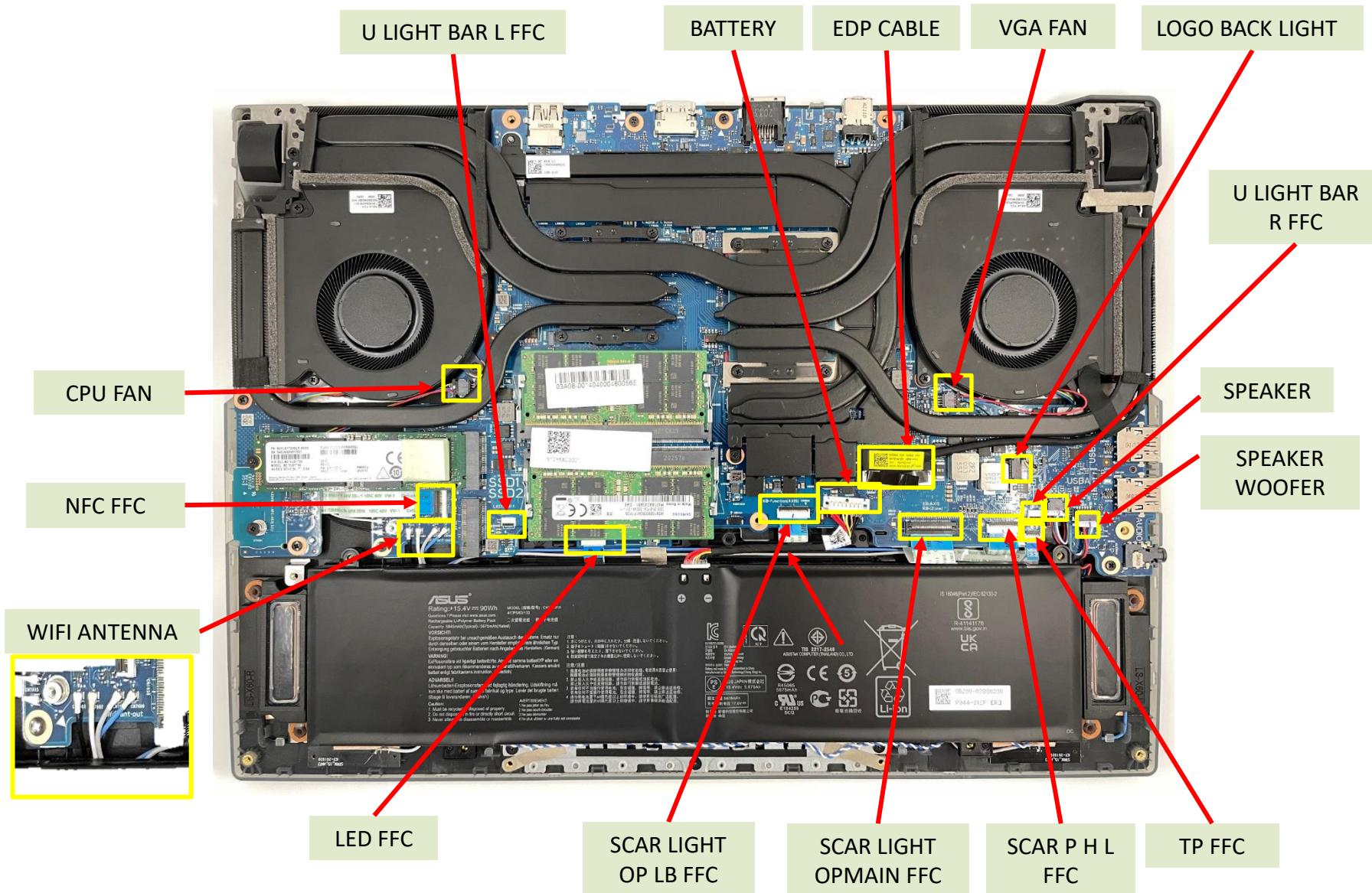
Please follow the screws numbers to lock screws *8pcs.

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

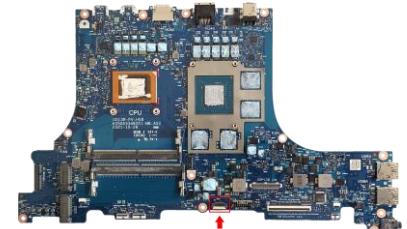
Mainboard connector placement



Supports using JIG BOARD to refresh F1 BIOS

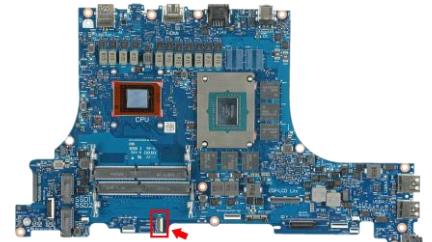
X50

系列	Model Name
G513Q	G513QC
G513Q	G513QE
G713Q	G713QC
G713Q	G713QE
G513I	G513IC
G513I	G513IE
G513I	G513IH
G713I	G713IC
G713I	G713IE
G713I	G713IH

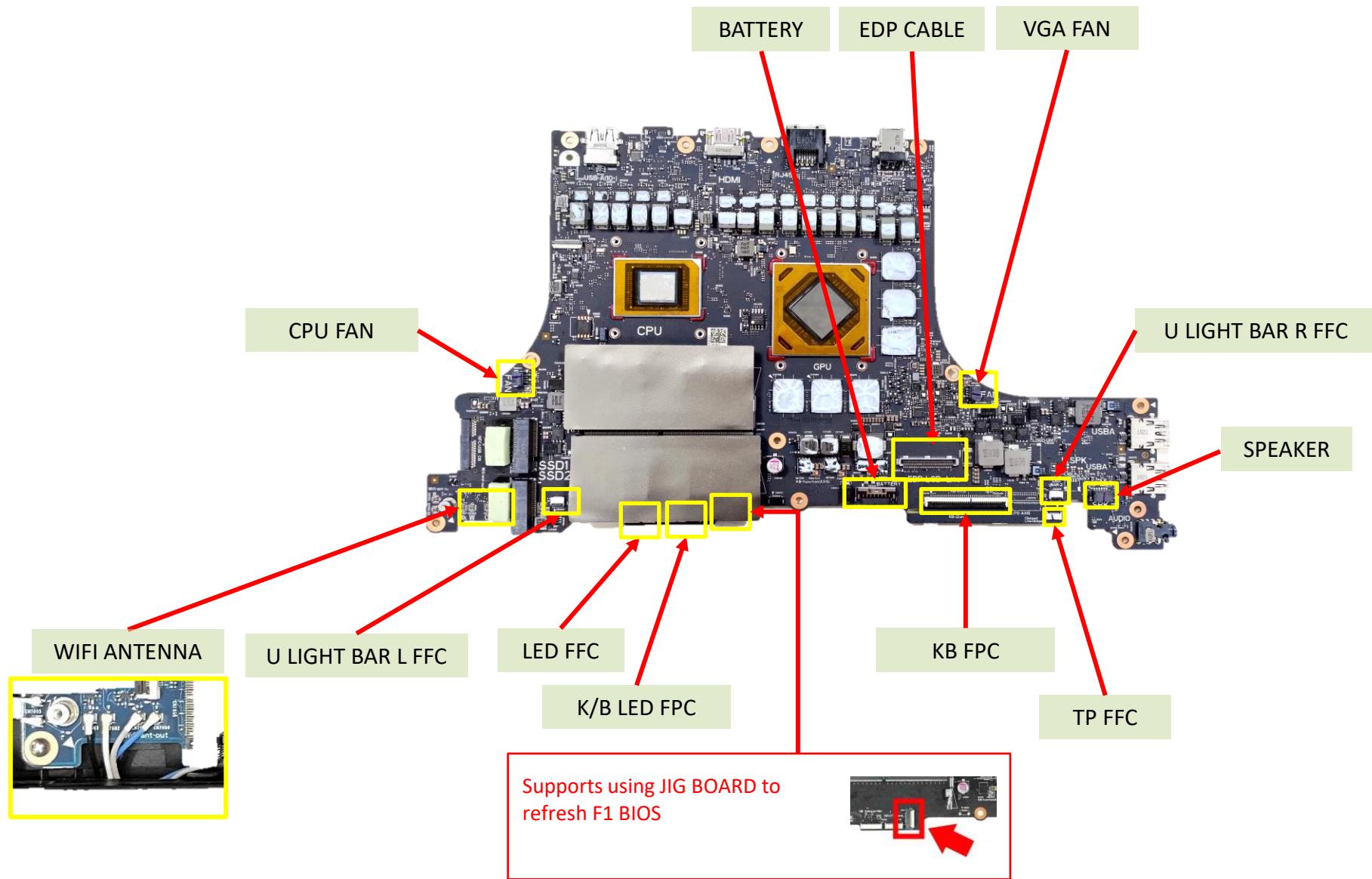


X60

系列	Model Name
G533Q	G533QM
G533Q	G533QR
G533Q	G533QS
G513Q	G513QM
G513Q	G513QR
G713Q	G713QM
G713Q	G713QR
G733Q	G733QM
G733Q	G733QR
G733Q	G733QS
G513I	G513IM
G513I	G513IR
G713I	G713IM
G713I	G713IR



Mainboard connector placement

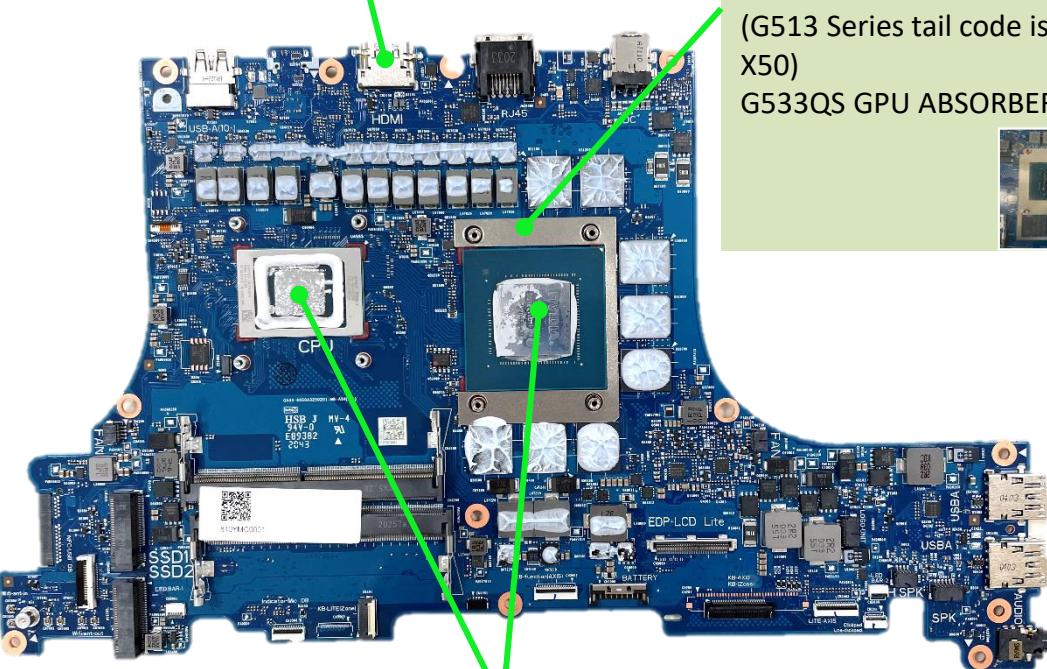


MAIN BOARD

Materials on mainboard

For G513QC_QE

G513QC HDMI
GASKET | LONGYANG



G513QY MB CPU KAPTON

G513QY MB GPU KAPTON (AMD GPU)

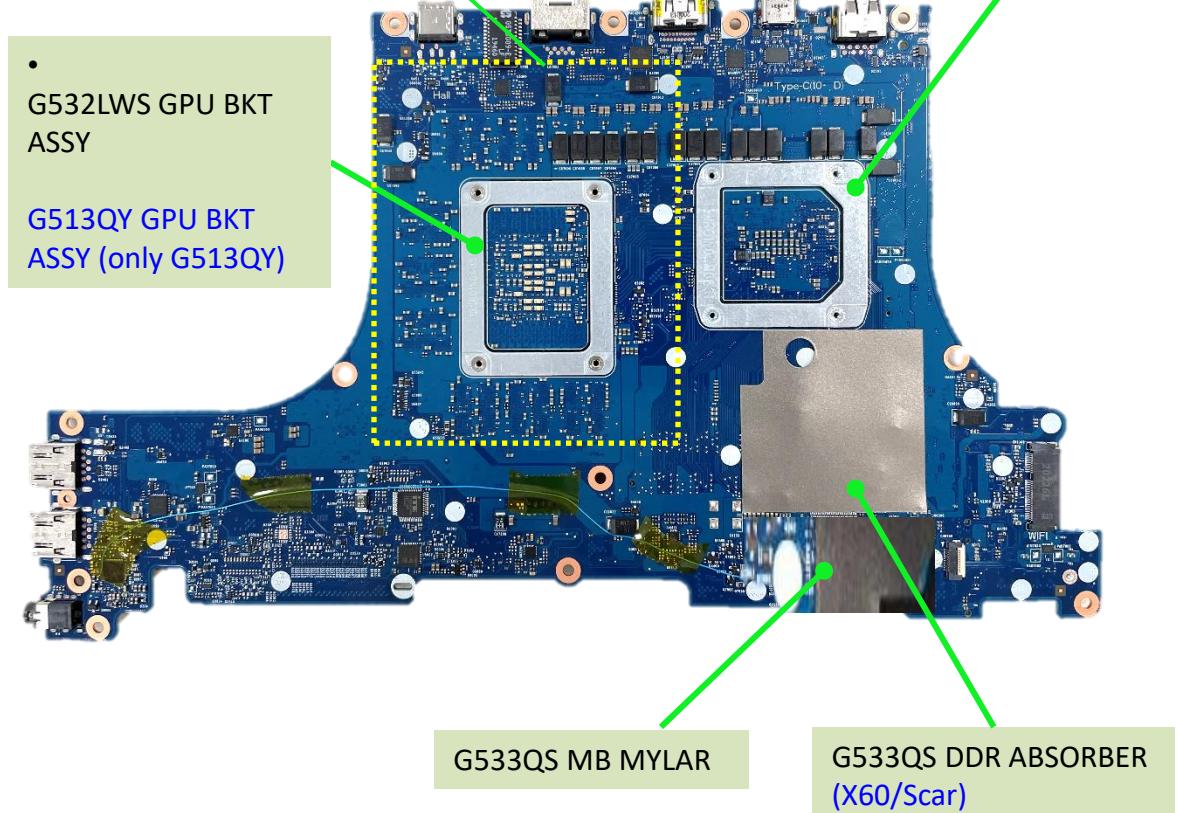
For G513QC QE

G513QC MB AL+ABSORBER (G513 Series)



- G532LWS GPU BKT ASSY

G513QY GPU BKT ASSY (only G513QY)



- G532LWS CPU BKT ASSY
- G513QY CPU BKT ASSY (only G513QY)

Disassembly Notice

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



Step 1-1 : Tear off KB BRKT LED BD CONDUCTIVE TAPE*2pcs

Step 1-2 : Disconnect FFC connector.

Step 1-3 : Remove INDICATOR BOARD and LED rubber.

Step 2-1 : Tear off KB BRKT LED BD CONDUCTIVE TAPE*1pcs

Step 2-2 : Remove screw *2pcs and remove POWER SWITCH BD.

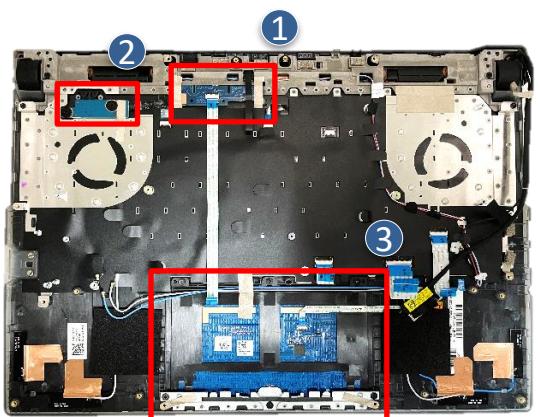
Step 3-1 : Tear off TP MODULE GND CONDUCTIVE TAPE*1pc.

Step 3-2 : Disconnect and remove TP FFC.

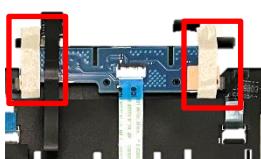
Step 3-3 : Remove screws*3pcs and remove TOUCHPAD MODULE.

Step 3-4 : Separate TP FRAME.

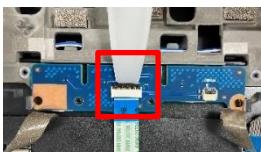
Screws	QTY	Spec	Torque (kgf-cm)
	2	M2*2L(8,0.8) (K) #1	2.0±0.2
	3	M2*2L(8,0.8) (K) #1	2.0±0.2



1-1 Tear off



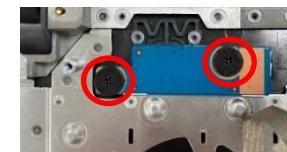
1-2 Disconnect



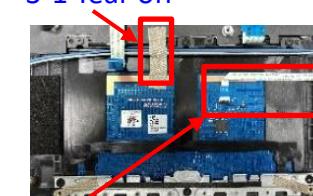
1-3 Remove

(For Scar G533 Series)
2-1 Tear off

2-2 Remove



3-1 Tear off



3-2 Disconnect



3-3 Remove



3-4 Remove



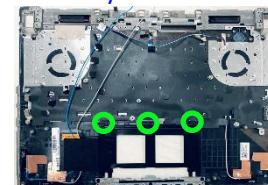
3-4 Separate



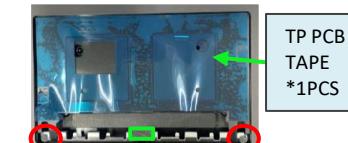
Assembly Notice

For TouchPad assembly, please follow the steps below.

Step-1: Assembly TP FRAME and lock screws *3pcs.



Step-2: Paste below parts.



Step-3: Assembly TouchPad.



Item	Description	Qty	Memo
	TP BRKT PUNCH MYLAR	2	NUMBERPAD SKU
	TP SUPPORT BRKT MYLAR X50	2	NOT NUMBERPAD SKU
	METAL DONE MYLAR TP	1	

When reassembly small board or Touchpad, please make sure to paste CONDUCTIVE TAPE.
(Step:1-1;2-1;3-1)

For TouchPad assembly, please make sure to paste the Click pad mylar below. (For G513 WO/NUMPAD SKU)



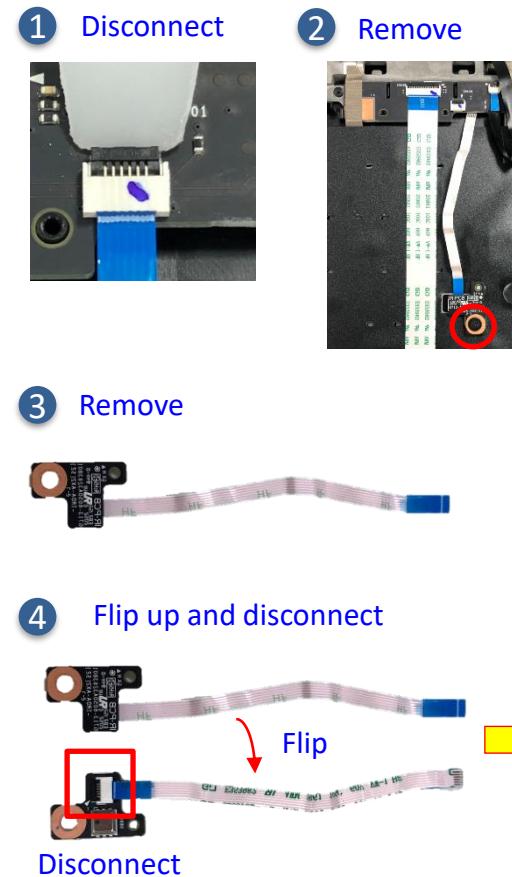
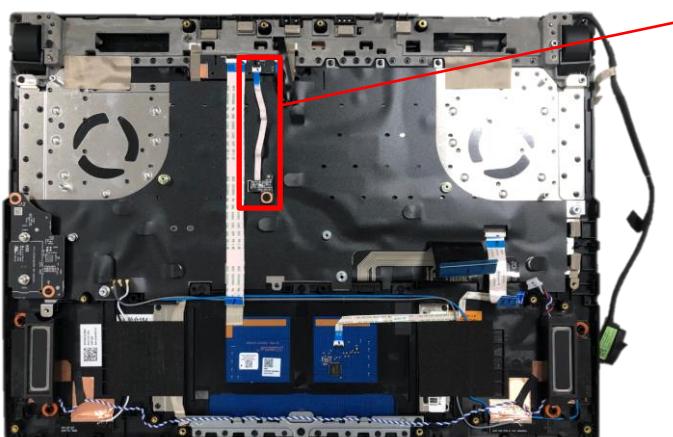
Disassembly Notice

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



- Step 1: Disconnect FFC connector.
- Step 2: Remove screw*1pc.
- Step 3: Remove IR board.
- Step 4: Flip up IR board and disconnect IR BOARD FFC.

Screws	QTY	Spec	Torque (kgf-cm)
O	1	M2*2.5L(5,0.5) (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:



KEYBOARD MODULE

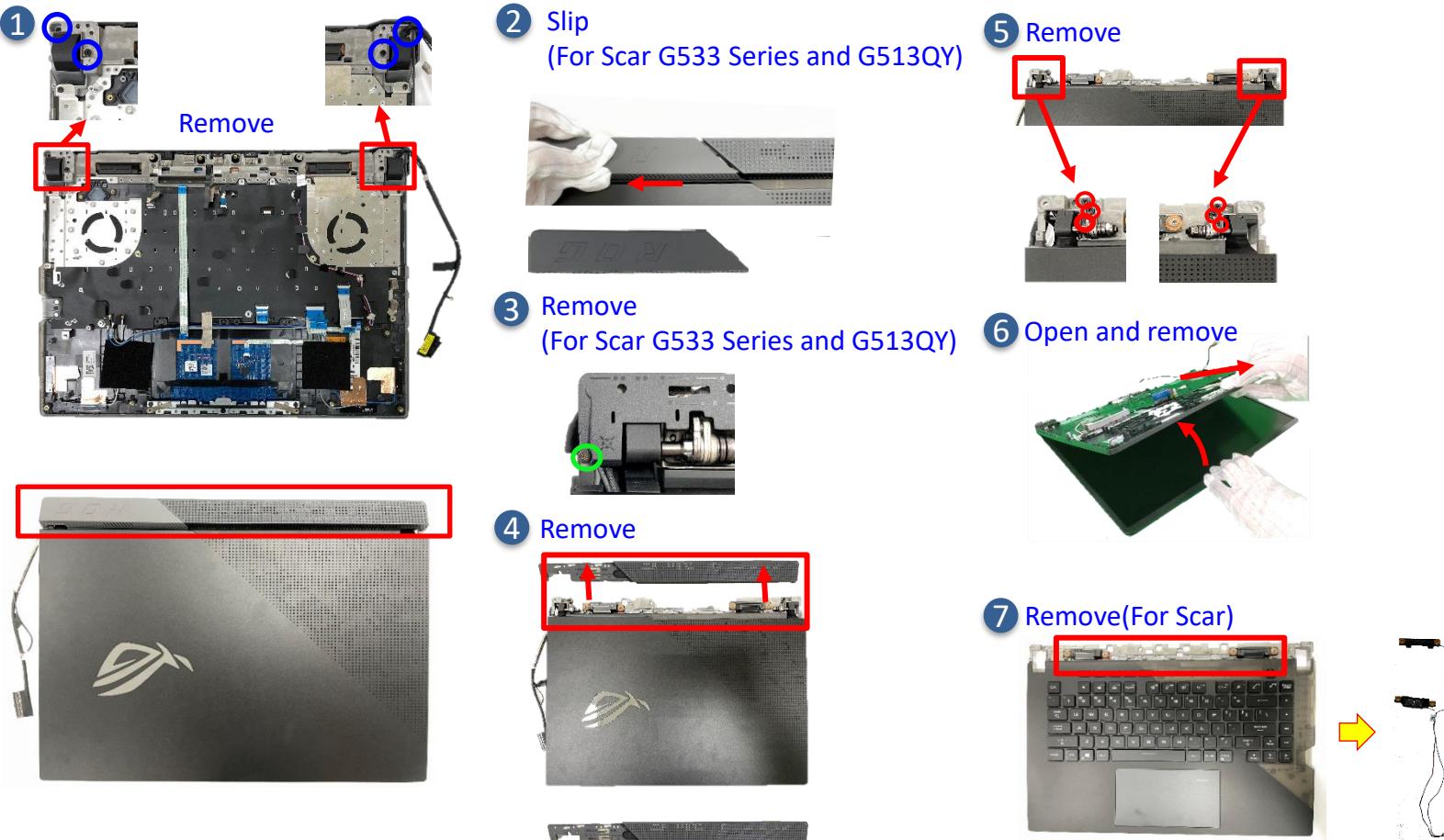
Disassembly Notice

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



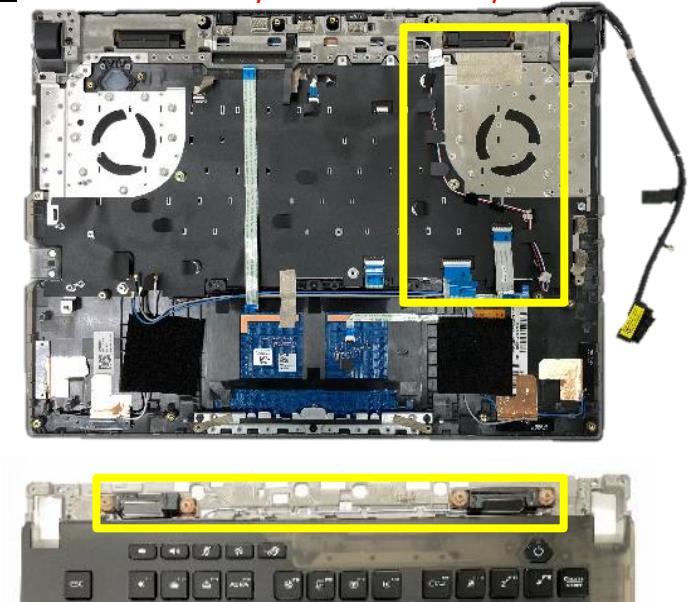
- Step 1 : Remove screws *4pcs.
- Step 2 : Slip Thermal cover*1pc.
- Step 3 : Remove screw*1pc.
- Step 4 : Remove hinge cover*1pc.
- Step 5 : Remove screw*6pcs.
- Step 6 : Open and remove Keyboard module.
- Step 7 : Remove speaker *1pc.

Screws	QTY	Spec	Torque (kgf-cm)
	4	M2.5*5.5L(4.5,0.8) (K)#1	2.0±0.2
	1	M1.6*3L (2.9,0.4) (K) #0	2.0±0.2
	6	M2.5*4.5L(4.5,0.8) (K)#1	2.5±0.2

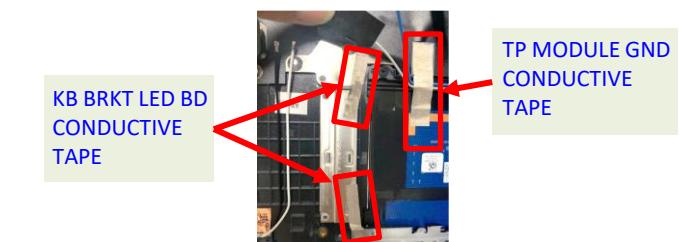


Assembly Notice

Please follow the yellow mark to tidy cable.

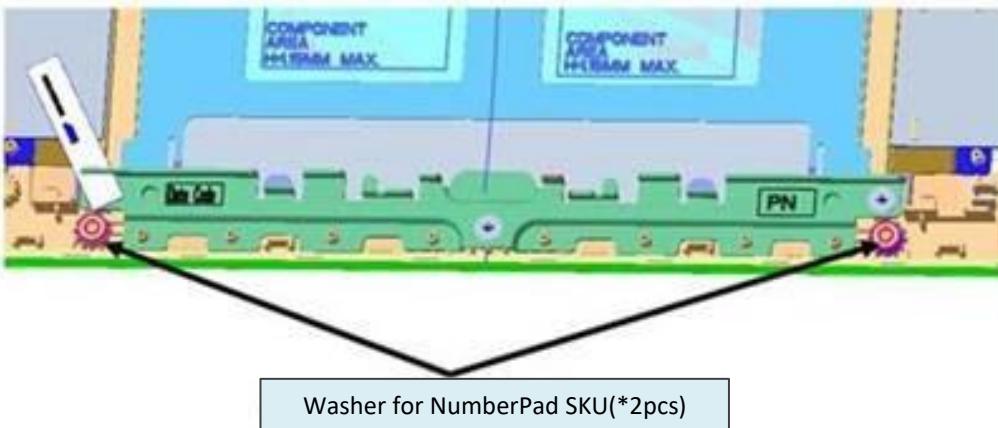


When replace Keyboard module, please make sure to paste below parts.

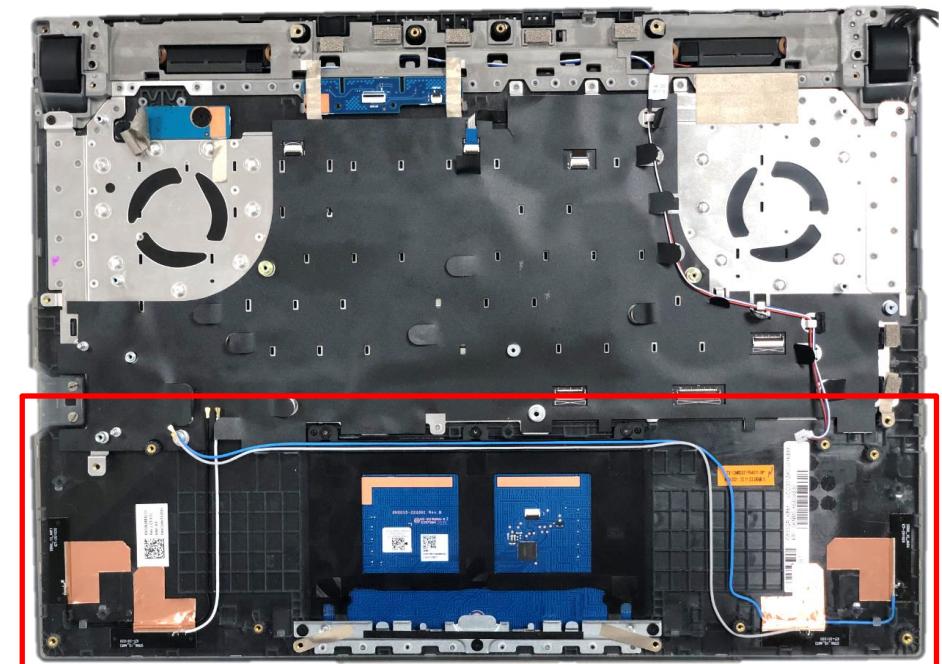


Assembly Notice

⚠ When replace Keyboard module, please make sure to paste below parts.



⚠ When assembly the WIFI ANTENNA, please follow mark to tidy cable.



Disassembly Notice

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

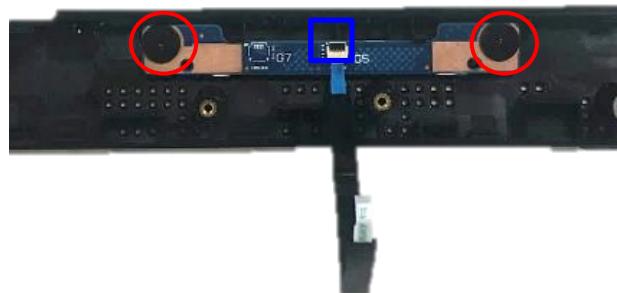


Step 1 : Flip up Hinge COVER.

Step 2 : Disconnect the FFC and remove the screws*2pcs.

Step 3 : Remove MIC RUBBER.

Screws	QTY	Spec	Torque (kgf-cm)
	2	M2*2L(8,0.8) (K)#1	2.0±0.2

① Flip up**③ Remove****② Disconnect and Remove****Assembly Notice**

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



Disassembly Notice

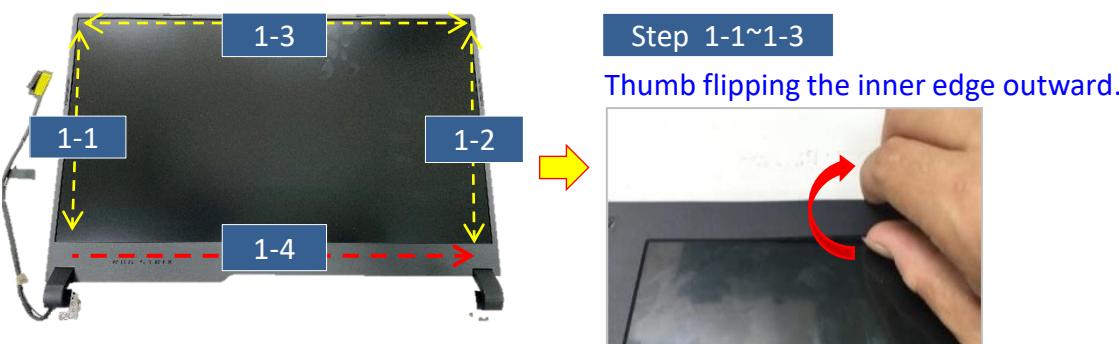
Please be sure to pull out adapter and disconnect the battery.



Step 1 : Remove LCD BEZEL.

1

Step 1-1~1-3, 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 1-1~1-3
Thumb flipping the inner edge outward.

Step 1-4 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 *1pcs)



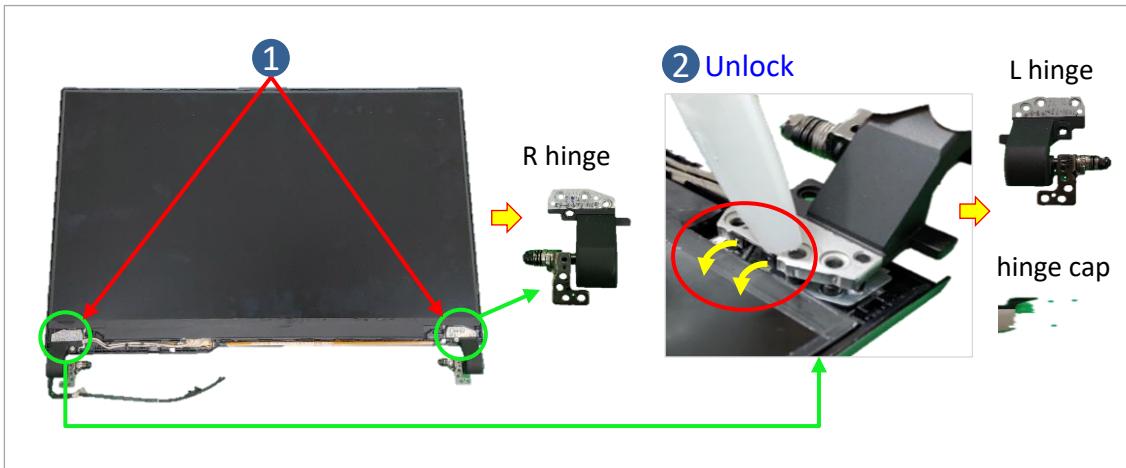
Disassembly Notice

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

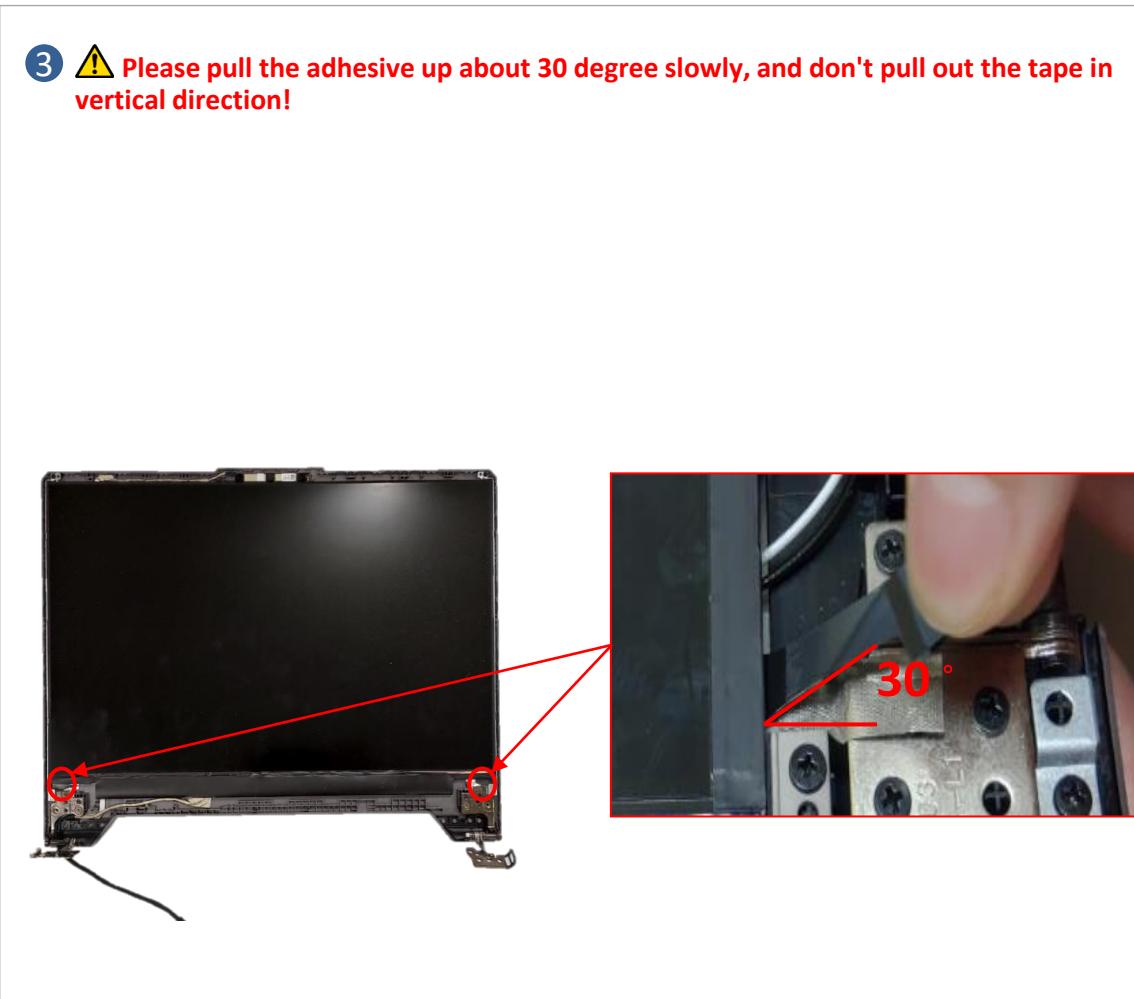
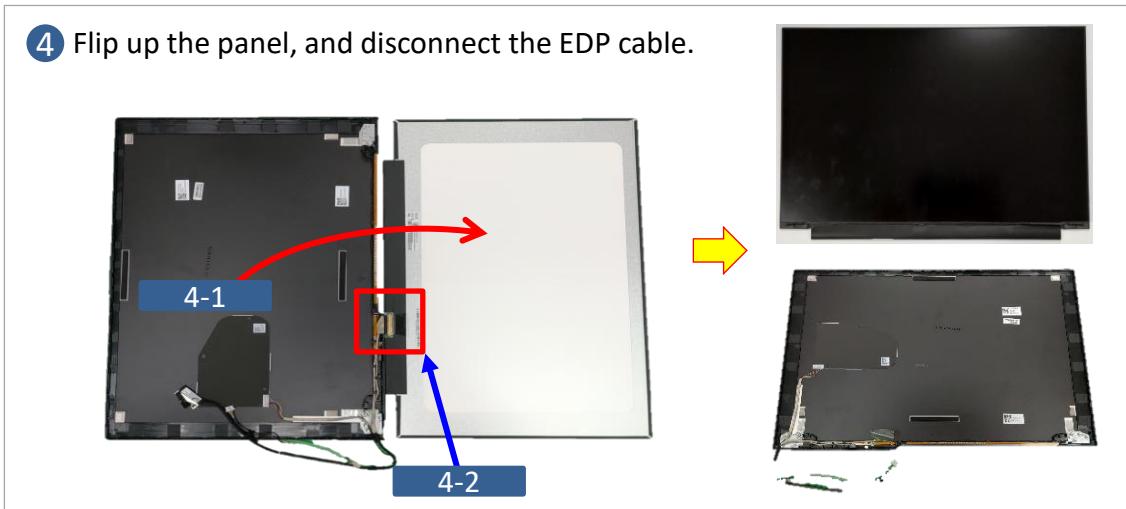


- Step 1 : Remove screws *8pcs,then remove R hinge.
Step 2 : Unlock hinge cap hook ,then remove L hinge.
Step 3 : Pull out LCD adhesive *2pcs.
Step 4 : Remove LCD PANEL.

Screws	QTY	Spec	Torque (kgf-cm)
	8	M2*3L (4.5,0.5) (K)#1	2.5±0.2 kgf-cm



- 4 Flip up the panel, and disconnect the EDP cable.

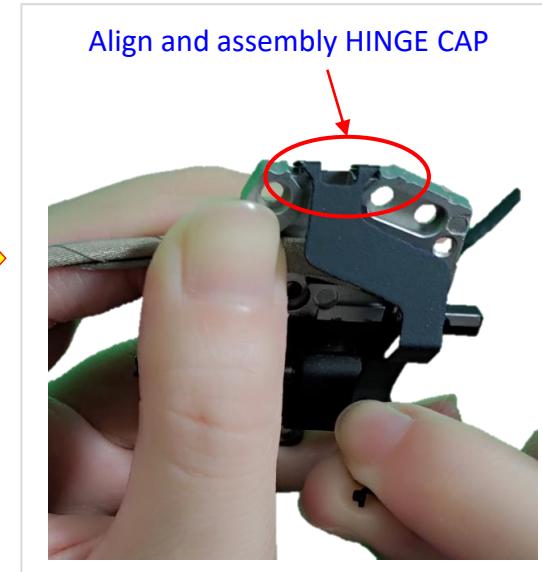
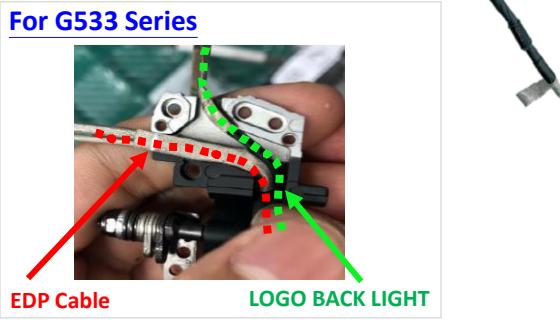


Assembly Notice

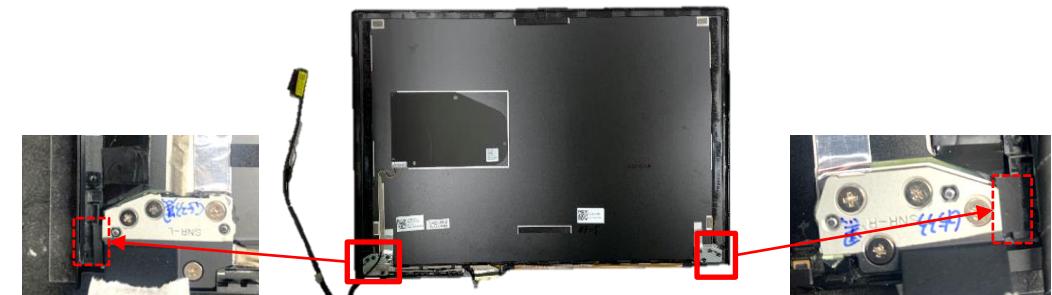
Please be sure to pull out adapter and disconnect the battery.



- A Before assembly L HINGE, please follow the steps to tidy up EDP cable, hinge cap and L HINGE.



- B When reassembly Hinge, please make sure to paste the hook rubber. (2pcs)



C When reuse or assembly the LCD PANEL:

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



2. Please make sure to paste Panel Mylar. (2pcs)



3. Assembly and align the LCD to the upper side of the LCD Cover.



Disassembly Notice

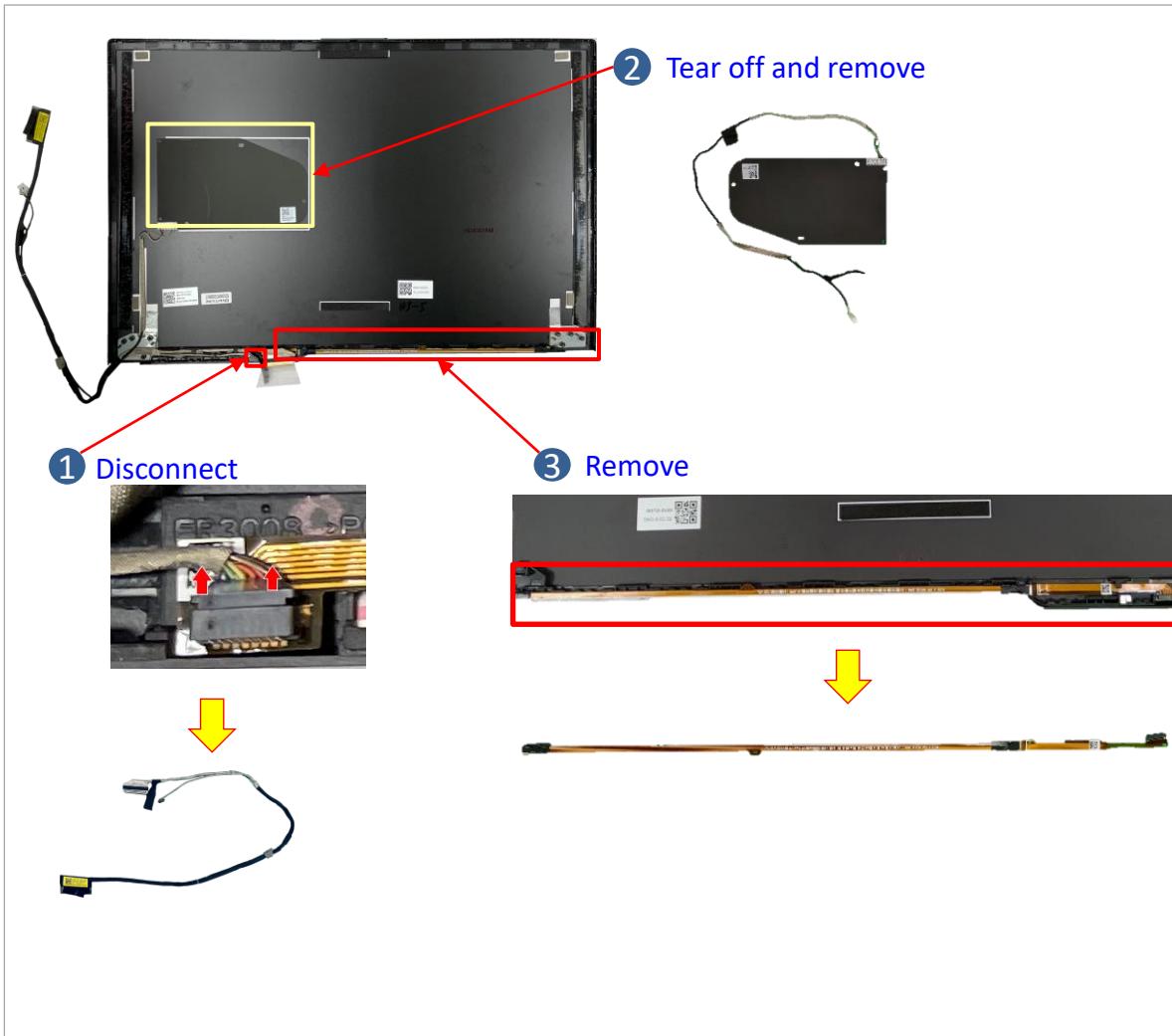
Please be sure to pull out adapter and disconnect the battery.



Step 1 : Disconnect the EDP CABLE then remove it.

Step 2 : Tear off LOGO BACK LIGHT MODULE. (For Scar G533 Series)

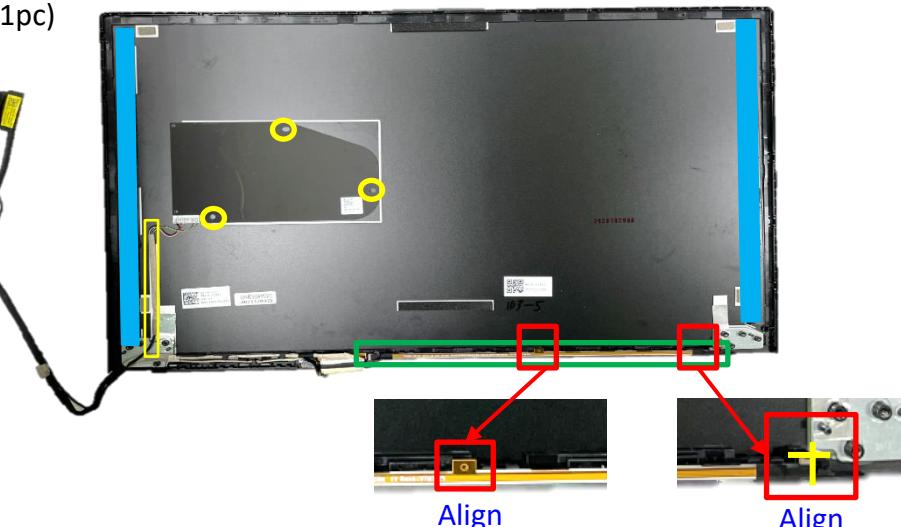
Step 3 : Remove V Cut lighting. (For Scar G533 Series)

**Assembly Notice****A When reuse the LCD COVER:**

Please paste below parts :

1. LCD ADHESIVE R and L *2pcs(Blue mark),
2. LOGO BACK LIGHT MODULE *1pc (Yellow mark)
3. V cut lighting *1pcs (Green mark).

(New LCD COVER already contains LCD ADHESIVE *2pcs, LOGO BACK LIGHT MODULE*1pc)

**B Please follow the mark below to tidy up EDP cable on LCD COVER.**