ROG STRIX G17(G713) / STRIX SCAR 17(G733) series

Service Guide

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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 BEZEL
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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.

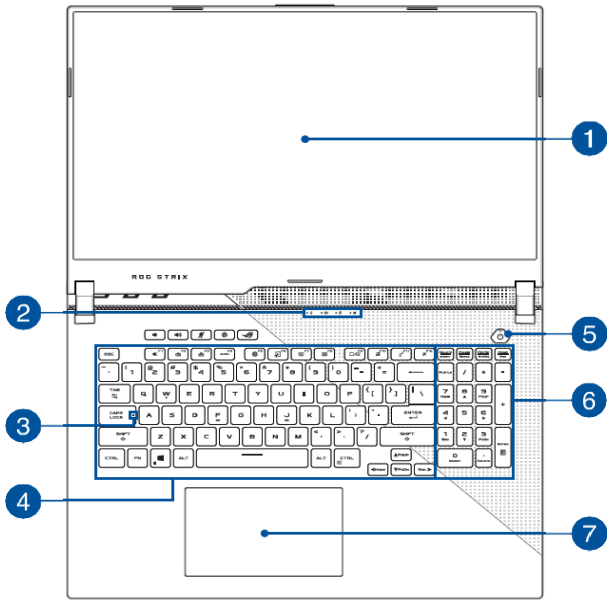
- The following contents include all part numbers mentioned in the service guide are **used for reference only**, if you need the exact part number for ordering, please refer to the Orderbook.

- 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.

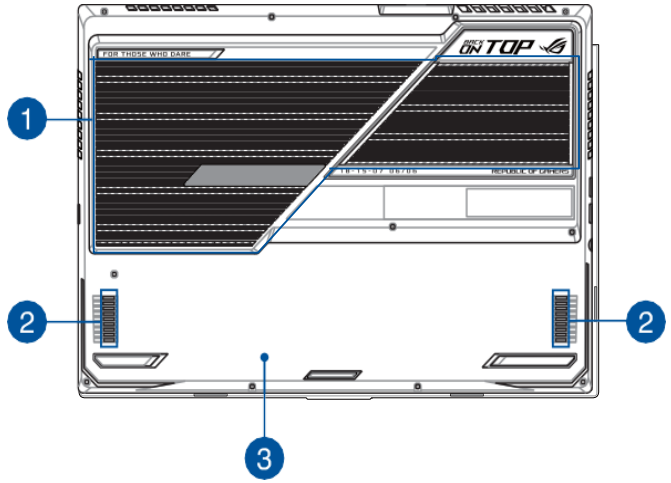
ROG STRIX G17(G713) Overview

Top View



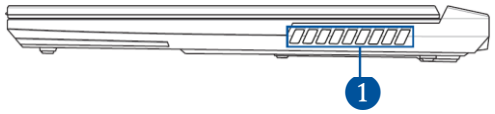
1. Display panel
2. Status indicators
3. Capital lock indicator
4. Keyboard
5. Power button
6. Numeric Keyboard
7. Touchpad

Bottom View



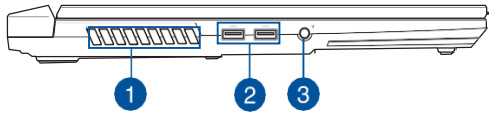
1. Air vents
2. Audio speakers
3. Compartment cover

Right View



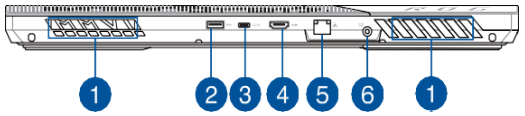
1. Air vents

Left View



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

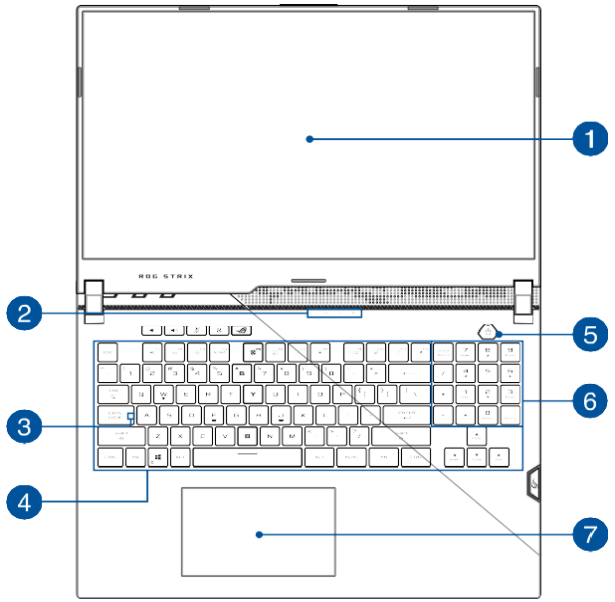
Rear View



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

ROG STRIX SCAR 17(G733) and G713QY Overview

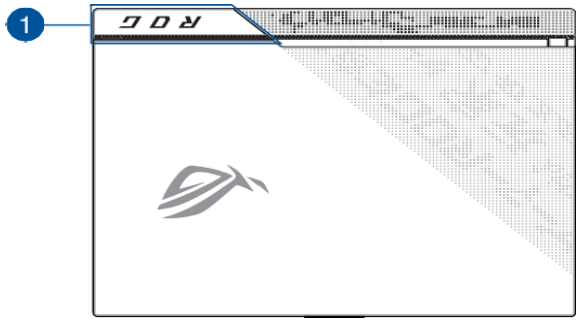
Top View



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

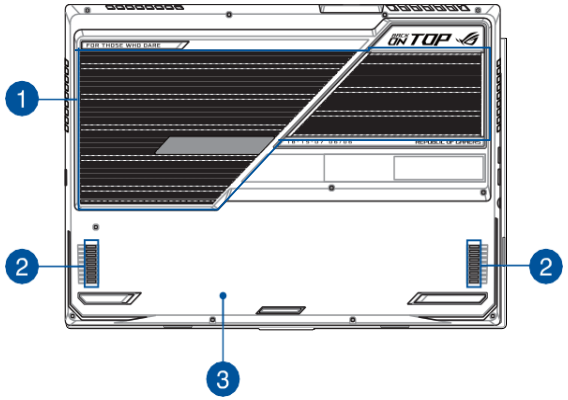
Top View (lid closed)

1. Customizable Armor Cap

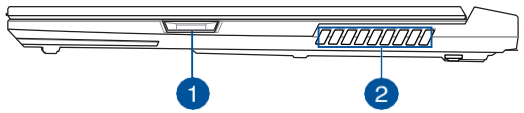


Bottom View

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

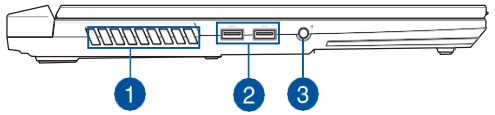


Right View



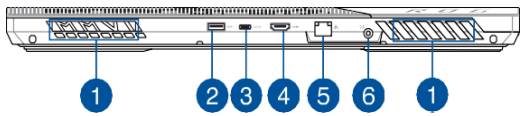
1. Keystone (For Scar only)
2. Air vents

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

Components Top View

♦ LCD COVER MODULE



♦ KEYBOARD MODULE



♦ MAIN BOARD



♦ DDR4



♦ SPERAKER



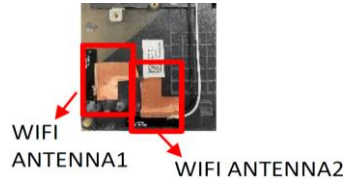
♦LIGHT BAR L/R FFC 6P
L : 0.5 L176 /R : 0.5 L278



♦ MIC FFC 4P
0.5MM L70



♦ WIFI ANTENNA



♦ LCD BEZEL



♦ Touch Pad



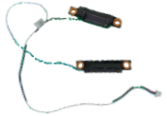
♦ THERMAL MODULE ASSY



♦ SSD



♦ SPEAKER WOOFE
(Only for Scar G733 Series)



♦ TP FFC 8P 0.5 L133



♦ SCAR POWER KEY FFC
10P 0.5 L71



♦ WIFI ANTENNA



♦ 15.6′ LCD



♦ TP FRAME



♦ GPU FAN / CPU FAN



♦ SSD



♦ EDP CABLE



♦ SCAR P H L FFC
20P 0.5 L55
(Only for Scar G733 Series)



♦ NFC BD FFC
20P 0.5 L120
(Only for Scar G733 Series)



♦ HINGE COVER ASSY



♦ (Only for Scar G733 Series and G713QY THERMAL COVER Can be replace)



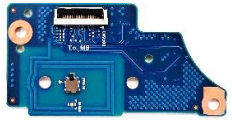
♦ BASE CASE



♦ HINGE L & HINGE R



♦ SOUL KEY BD



♦ SSD GASKET



♦ LOGO BACK LIGHT MODULE
(Only for Scar G733 Series)



♦ SCAR LIGHT OPMAIN FFC
30P 0.5 L50
(Only for Scar G733 Series)



♦ SSD THERMAL PAD



♦ V CUT LIGHTING
(Only for Scar G733 Series)



♦ BATTERY



♦ HINGE CAP



♦ POWER SWITCH_BD
(Only for Scar G733 Series)



♦ WIFI CARD



♦ MIC BOARD



MIC RUBBER

♦ SCAR LIGHT OP LB FFC
20P 0.5 L31
(Only for Scar G733 Series)



♦ LED FFC
14P 0.5 L160



♦ IR SENSOR BOARD (FOR G713QY)

♦ BATTERY CABLE

♦ INDICATOR BD

♦ LED(L) BD./LED(R) BD

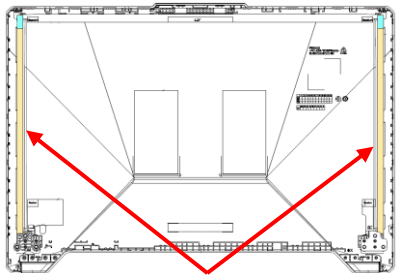
L R

♦RF COAXIAL
CABLE1(Black)/2(white)

♦ IR FFC
6P 0.5 L77mm (FOR G713QY)

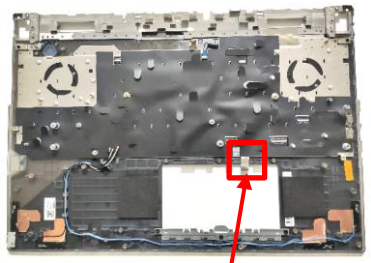
Components Bottom View

♦ LCD COVER MODULE



♦ LCD PANEL ADHESIVE

♦ KEYBOARD MODULE

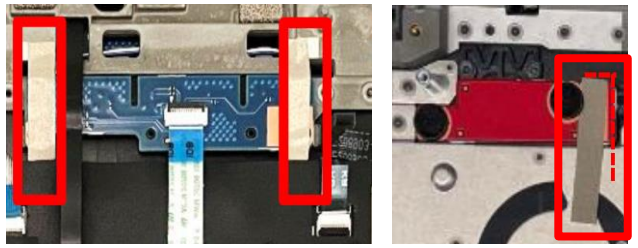


♦ TP MODULE GND CONDUCTIVE TAPE

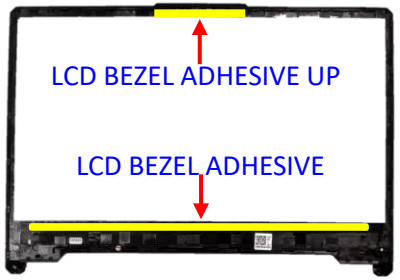
♦ MAIN BOARD



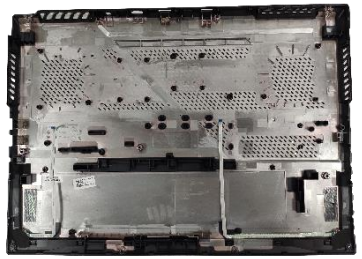
♦ KB BRKT LED BD CONDUCTIVE TAPE



♦ LCD BEZEL



♦ BASE CASE

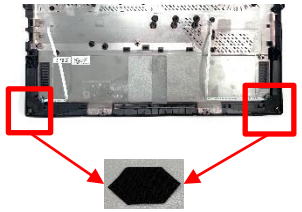


♦ INDICATOR BOARD



♦ LED RUBBER

♦ BTM U BAR CORNER MYLAR



♦ LCD Panel

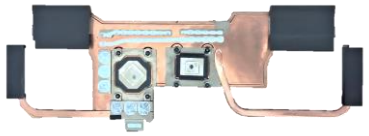


♦ THERMAL MODULE ASSY

♦ THERMAL MODULE ASSY

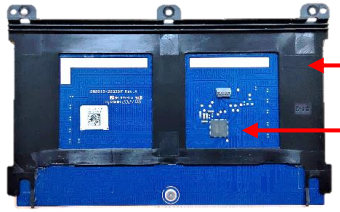


(For G713QY)



♦ POWER SWITCH BD





♦ TP FRAME

♦ Touch Pad

♦ IR SENSOR BOARD (FOR **G713QY**)



♦ SOUL KEY 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:

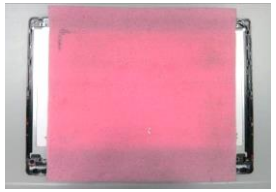
Before you perform any service or repair on the notebook, please pay special attention to the cautions prevent any damages to the notebook.

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 **ROG STRIX G17(G713) / ROG STRIX SCAR 17(G733) series** notebook.

♦ Screwdriver

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

#1 

♦ Plastic Blade



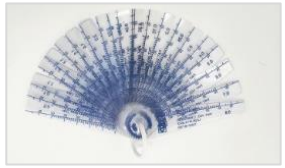
♦ Plastic Tweezers

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



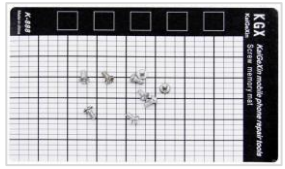
♦ Thickness Gauge

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



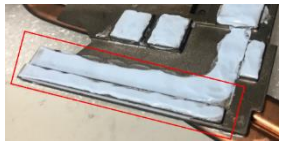
♦ PLASTIC CARD T=0.35mm



♦ PLASTIC PICK T=0.5mm

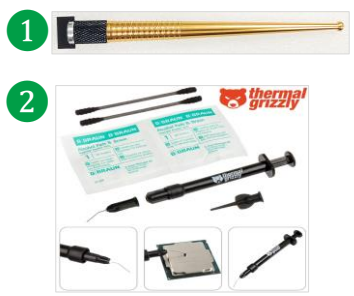


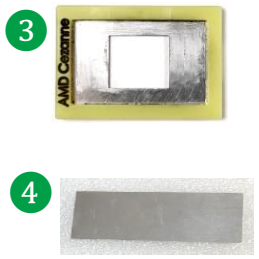
♦ FCR-AS Thermal Grease



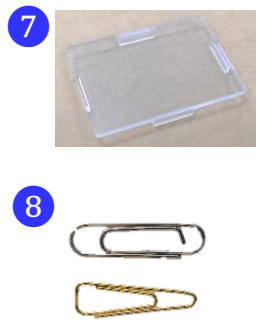
Appropriate Tools

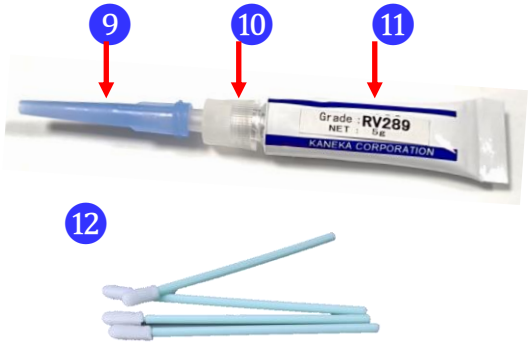
Please prepare and select the appropriate tools to disassemble/assemble for the **ROG STRIX G17(G713) / ROG STRIX SCAR 17(G733) series** notebook.













Tooling Type	Item	Part Name	Memo
For Liquid metal use	1	Silicone scraping pen	
	2	Conductonaut 1g (**Liquid Metal**)	▪Please store it in the environment of 10 ~ 40 ℃. ▪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/G713QY use
For RV289 Glue use	7	Height limit fixture	
	8	Paperclip	
	9	Glue Nozzle	
	10	Glue Connector	
	11	Thermally Conductive Elastomer (**RV289 5G**)	▪Please store it in the environment under 27℃. ▪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.

(Only for G713 Series tail code is C/E/H)

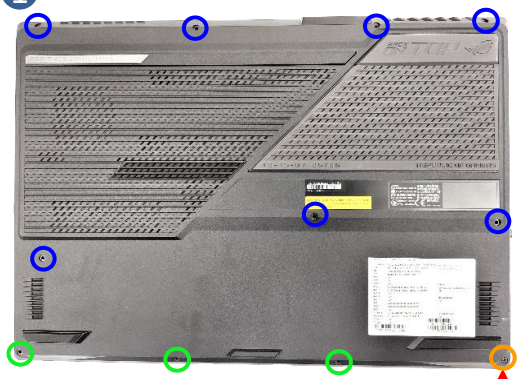
Screws	QTY	Spec	Torque (kgf-cm)
	7	M2.5*9L(4.5,0.85)(K) #1	2.5±0.2
	3	M2.5*6L(4.5,0.8) (K)#1	2.5±0.2

(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

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

1

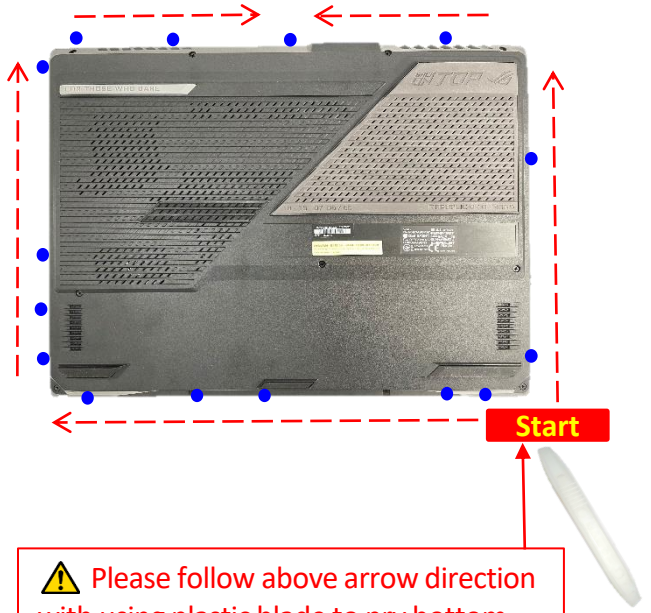


⚠The screw is unable to remove from bottom case, so please always loosen it last, and lock it at first.

2

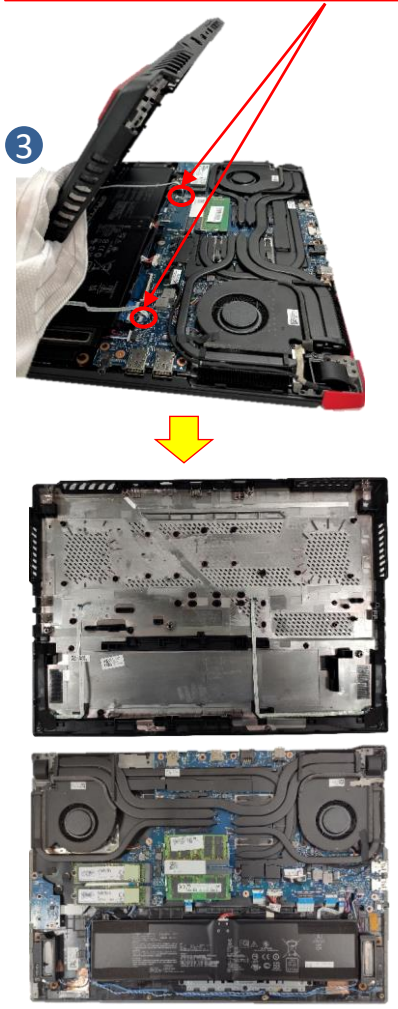


⚠To avoid the bottom case hook, don't insert plastic blade in each red circle.



⚠ 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.)

3



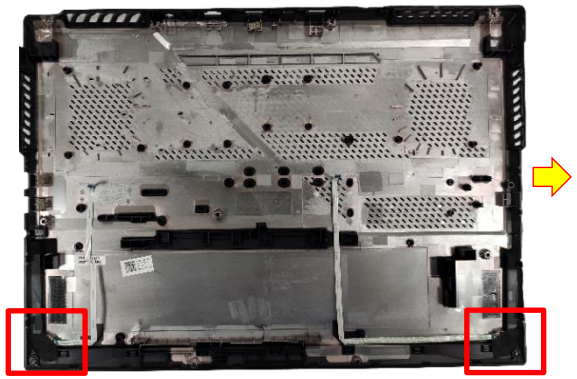
BOTTOM CASE

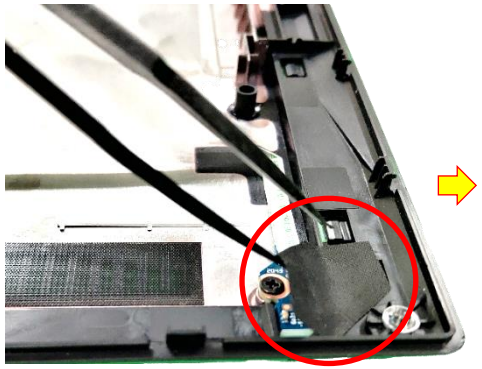
Disassembly Notice

Step 1 : Tear off BTM U bar corner Mylar*2pcs.
Step 2 : Remove screws*2pcs and LED module.
Step 3 : Disconnect LED BD FFC*2pcs.

Screws	QTY	Spec	Torque (kgf-cm)
	2	M2*3.5L(4,0.8) (K)#1	2.0±0.2

1 Tear off

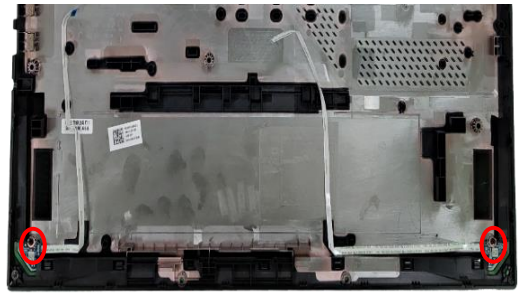




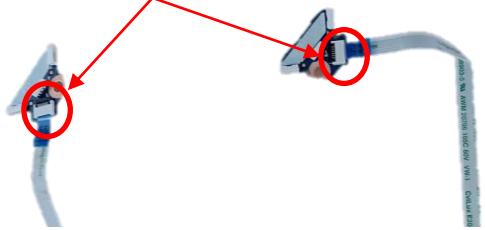
BTM U BAR CORNER MYLAR*2pcs

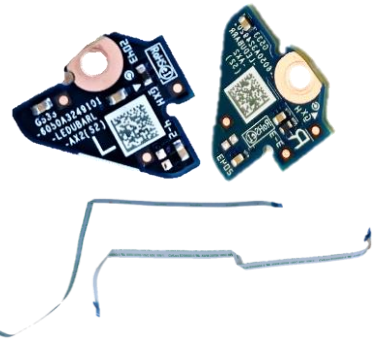


2 Remove



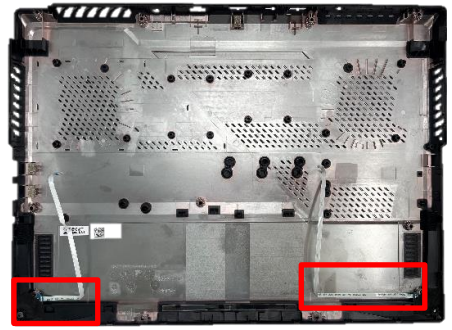
3 Disconnect



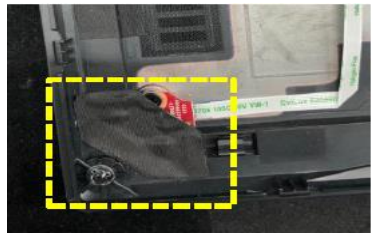


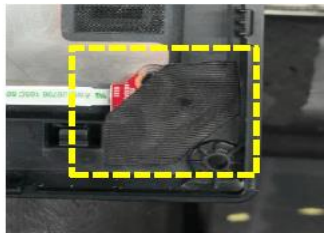
Assembly Notice

⚠ Please follow red mark below to tidy FFC.



⚠ The Mylar should not be wrinkled or skewed.

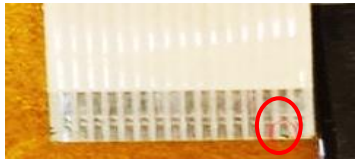




⚠ If FFC is damage during disassembly, please replace new one. Here are some samples of FFC damage:









BATTERY

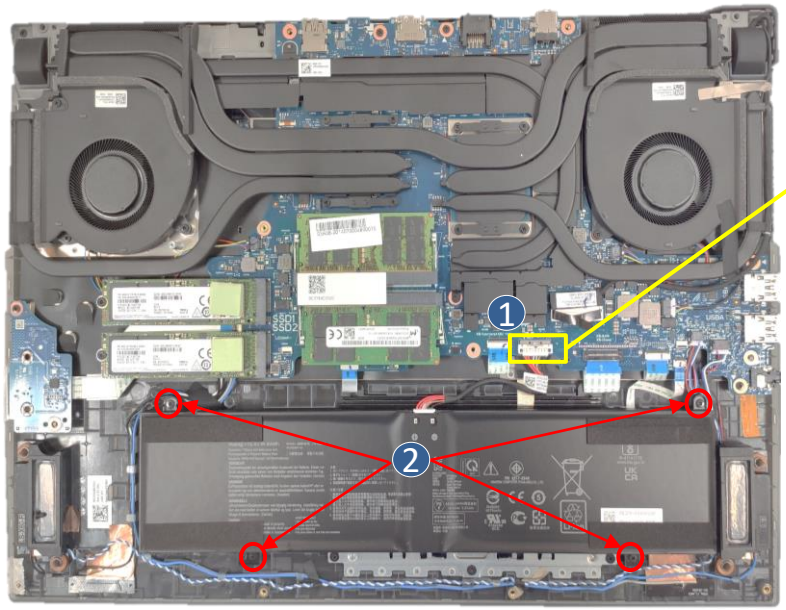
Disassembly Notice

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

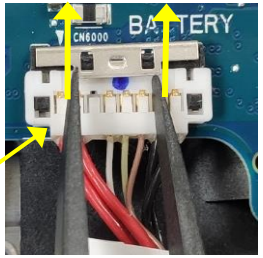
⚠ Before disassembly battery connector, please be sure to pull out adapter and disconnect the battery more than ten seconds in order to IC damage.

Step 1 : Disconnect the battery connector.
Step 2 : Remove screws *4pcs.
Step 3 : Remove BATTERY.
Step 4 : Remove BATTERY Cable.

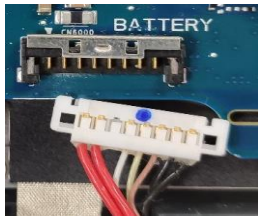
Screws	QTY	Spec	Torque(kgf-cm)
	4	M2.5*3.5L(4,0.8) (K)#1	2.0±0.2



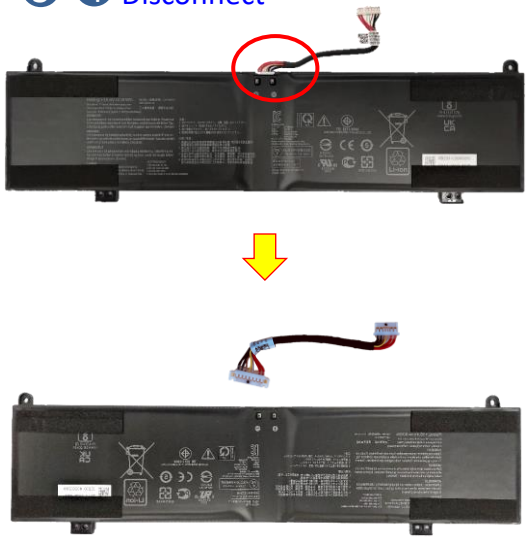
Unluck



Disconnect



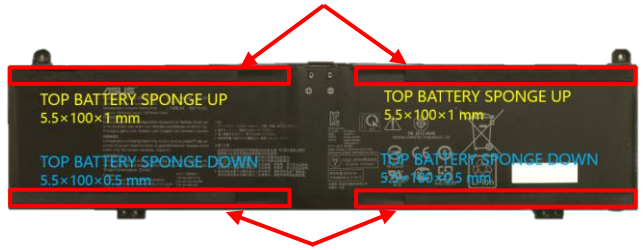
3 4 Disconnect



Assembly Notice

⚠ For Battery assembly, please paste battery sponge first.

TOP BATTERY SPONGE UP



TOP BATTERY SPONGE DOWN

SSD and DDR

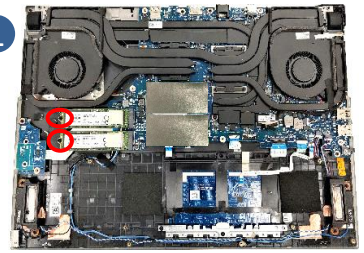
Disassembly Notice

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

Step 1 : Remove the screws *2pcs.
Step 2 : Remove SSD *2pcs.
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*2.5L (5,0.5) (K) #1	2.0±0.2

1



2 Remove



3 Remove Thermal Pad and Graphite Sheet



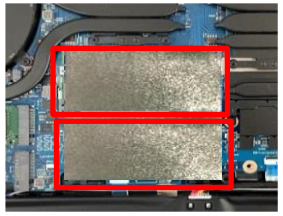


(*2pcs)

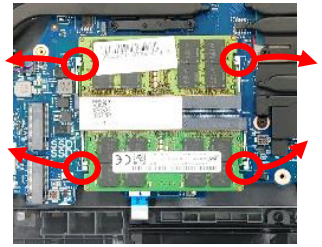


(*2pcs)

4 Tear off



5 Unlock



6 Remove





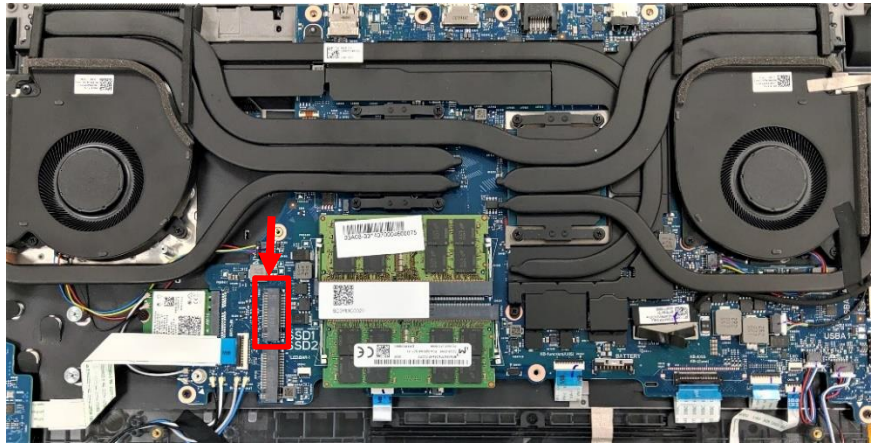
(*2pcs)



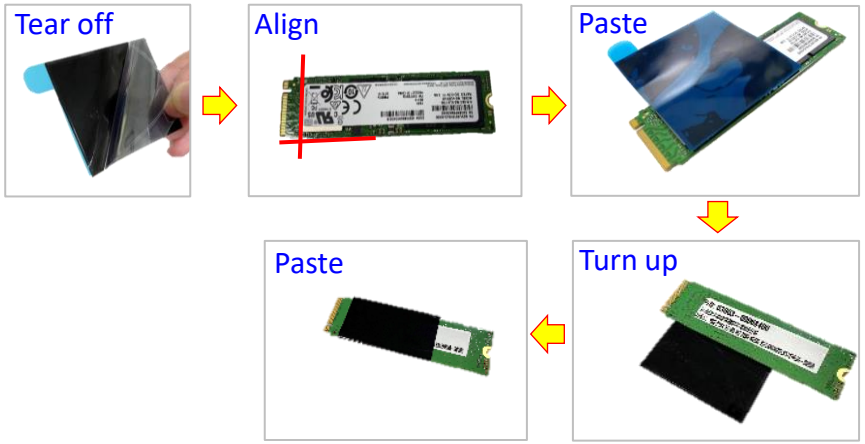
(*2pcs)

Assembly Notice

⚠ Please use this SSD1 slot as first priority.



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



SOUL KEY BOARD

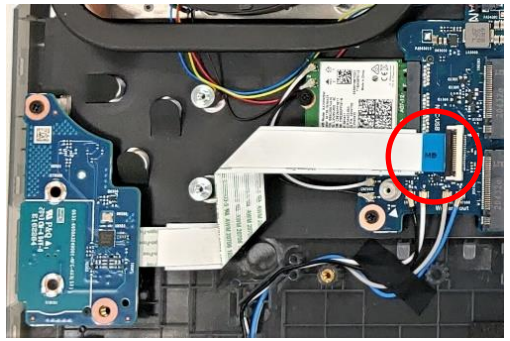
Disassembly Notice

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

Step 1 : Disconnect the FFC connector.
Step 2 : Remove the screw *1pcs and remove SOUL KEY BD.
Step 3 : Disconnect the FFC connector.

Screws	QTY	Spec	Torque (kgf-cm)
	1	M2*3.5L (4,0.8) (K) #1	2.0±0.2

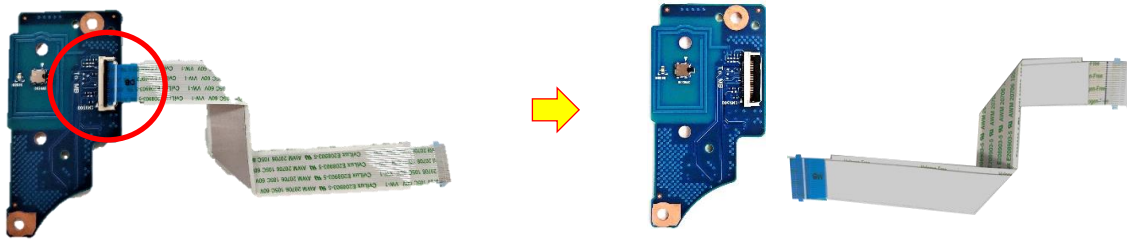
1 Disconnect



2 Remove

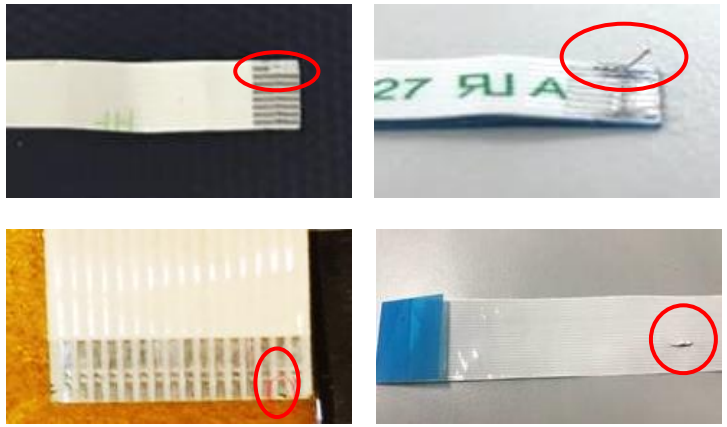


3 Disconnect



Assembly Notice

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



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 *1pcs.
Step 3 : Remove WIFI CARD.

Screws	QTY	Spec	Torque (kgf-cm)
	1	M2*2.5L (5,0.5) (K) #1	2.0±0.2

1 Disconnect



3 Remove



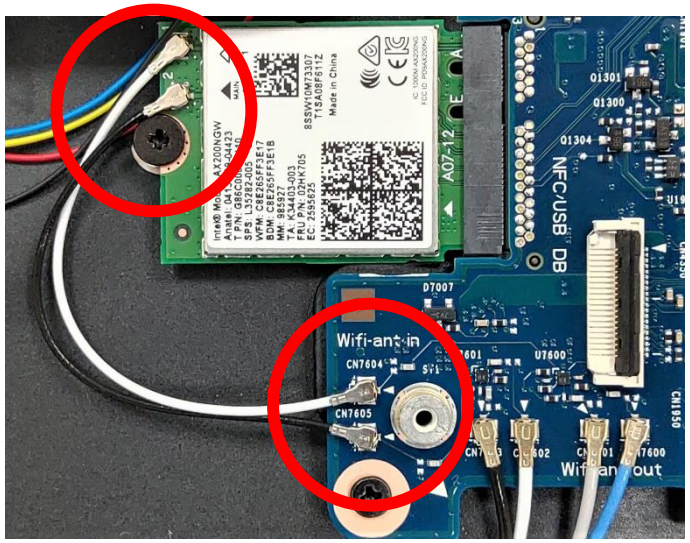


2 Remove



Assembly Notice

⚠ Please according to below image to assemble RF cable.

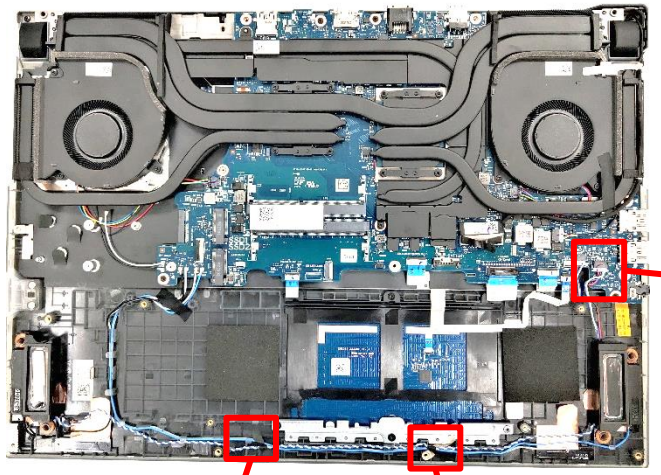


SPEAKER

Disassembly Notice

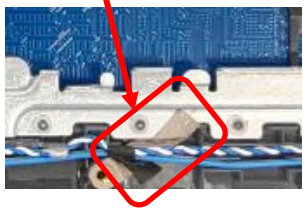
Please be sure to pull out adapter and disconnect the battery.

Step 1 : Release the tape *2pcs.
Step 2 : Disconnect the SPEAKER connector.
Step 3 : Remove SPEAKER.

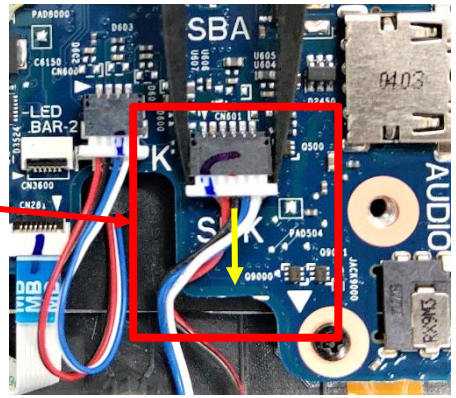


1 Release

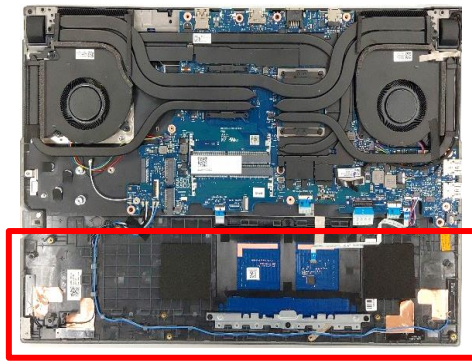


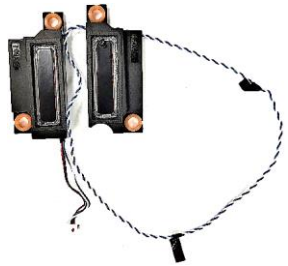


2 Disconnect



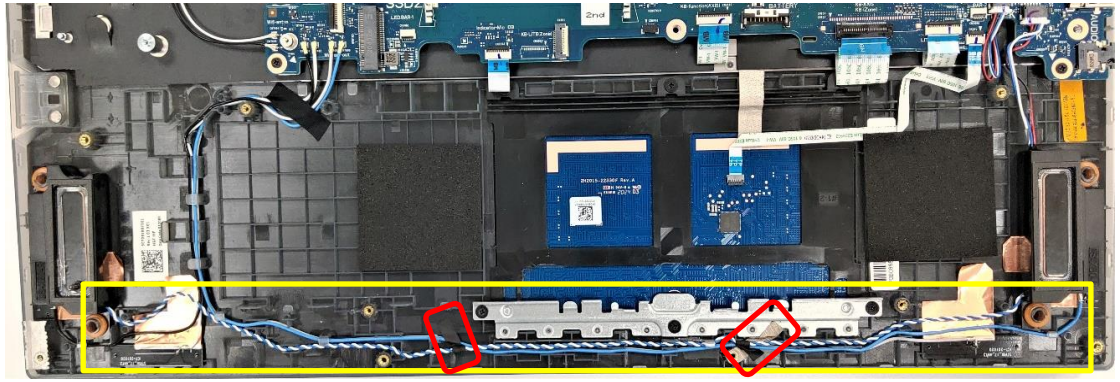
3 Remove





Assembly Notice

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



FAN (with THERMAL MODULE and MAIN BOARD)

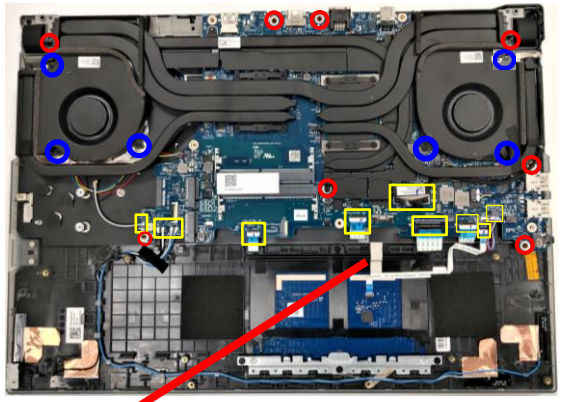
Disassembly Notice

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

Step 1 : Disconnect the connector (yellow mark).
Step 2 : Tear off TP MODULE GND CONDUCTIVE TAPE.
Step 3 : Remove screws *14pcs.
Step 4 : Remove MB and Thermal and FAN module.
Step 5 : Remove FAN *2pcs.

Screws	QTY	Spec	Torque (kgf-cm)
T O	8	M2*3.5L (4,0.8) (K) #1	2.0±0.2
T O	6	M2*4.5L (4.5,0.8) (K) #1	1.5±0.2

1 Disconnect (Yellow mark)

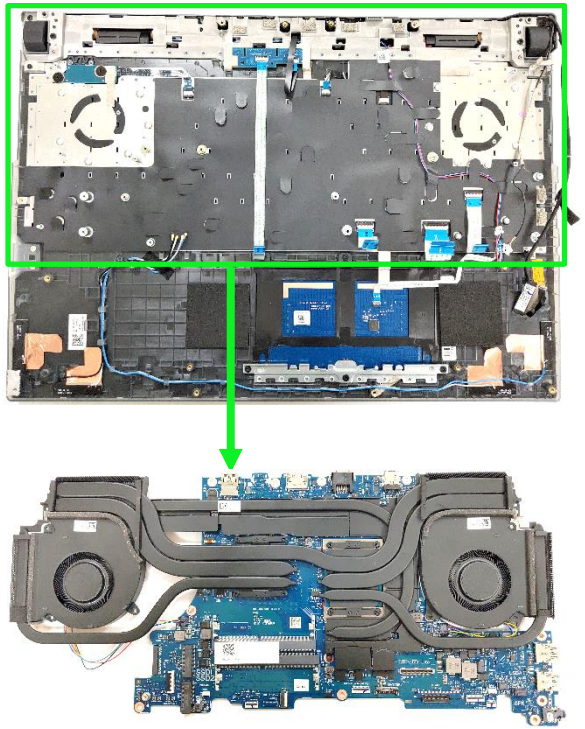


2 Tear off

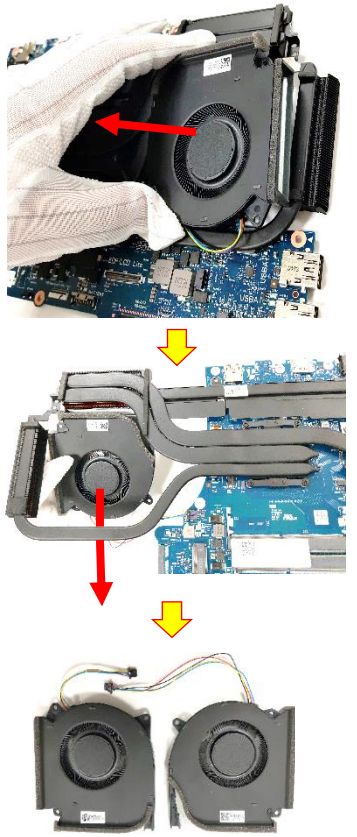


3 Remove
(Red and blue
and yellow mark)

4 Remove module (MB+Thermal+FAN)

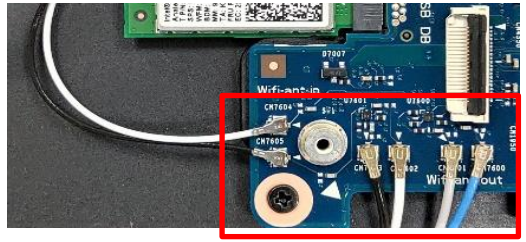


5 Remove FAN

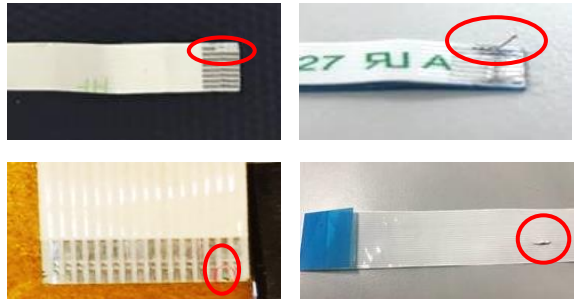


Assembly Notice

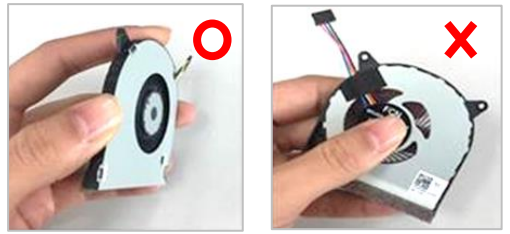
⚠ Please follow the red mark to connectors.



⚠ 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.



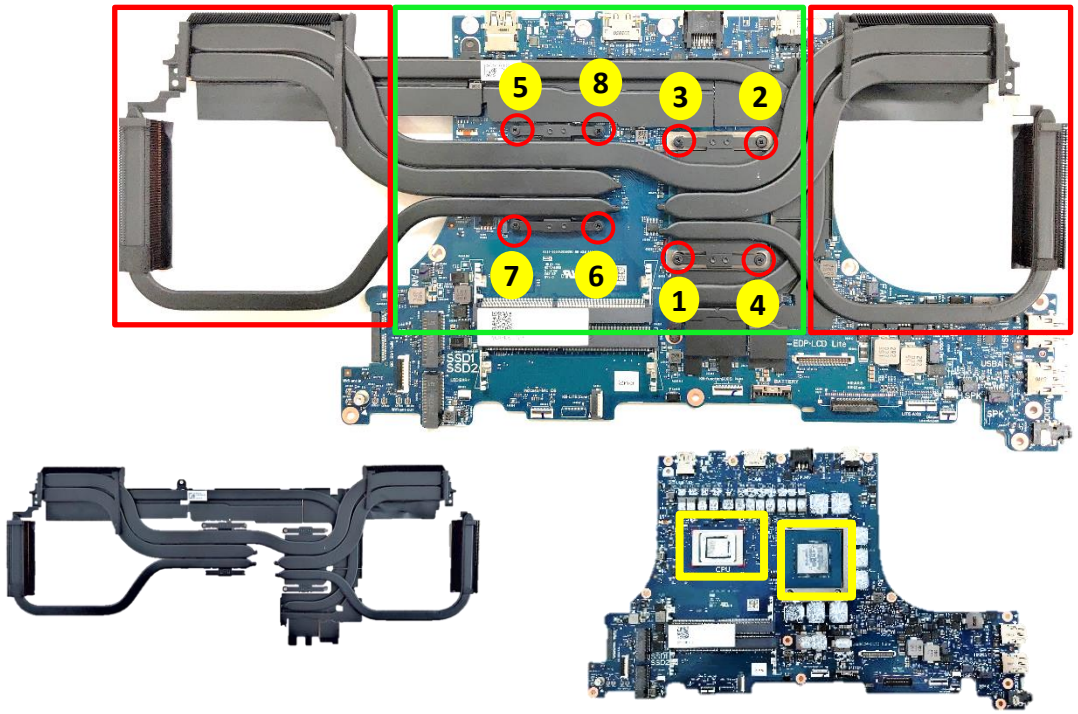
THERMAL MODULE

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.



Screws	QTY	Spec	Torque (kgf-cm)
	8	M2*3.5L (4,0.8) (K) W-NI	2.0±0.2

Assembly Notice ⚠

Step-1

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

- MB Location:[GPU]
  Material: (GA500 Grease)
  Note: Only For G713QY, GPU thermal material is Liquid metal.

Step-2

- 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.

THERMAL MODULE (FOR G713QY)

Disassembly Notice

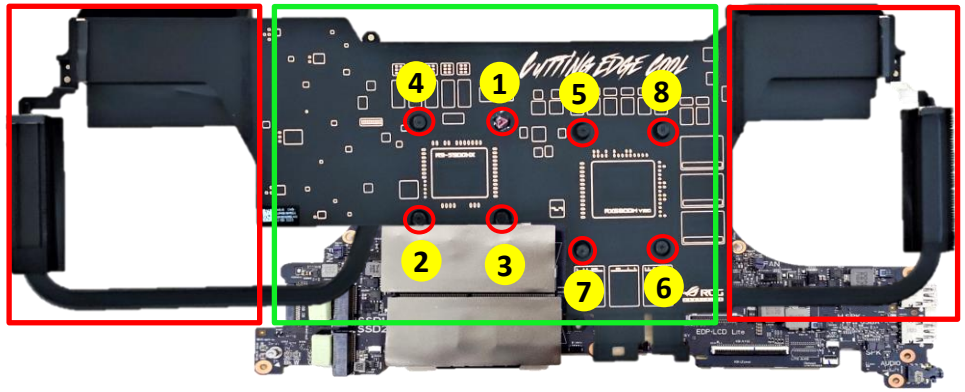
Please be sure to pull out adapter and disconnect the battery.

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

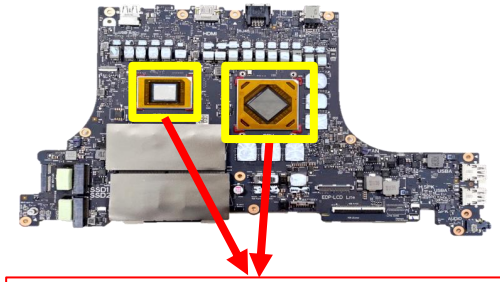
Step 1 : Please follow the reverse screws numbers to loosen the retention screws *8pcs without removing the screw form the MB.

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 G713QY, CPU and GPU thermal material is Liquid metal**

Assembly Notice ⚠

Step-1

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

- MB Location:[GPU]
  Material: (GA500 Grease)
  Note: Only For G713QY, GPU thermal material is Liquid metal.

Step-2

- MB Location:[CPU]

Step-3

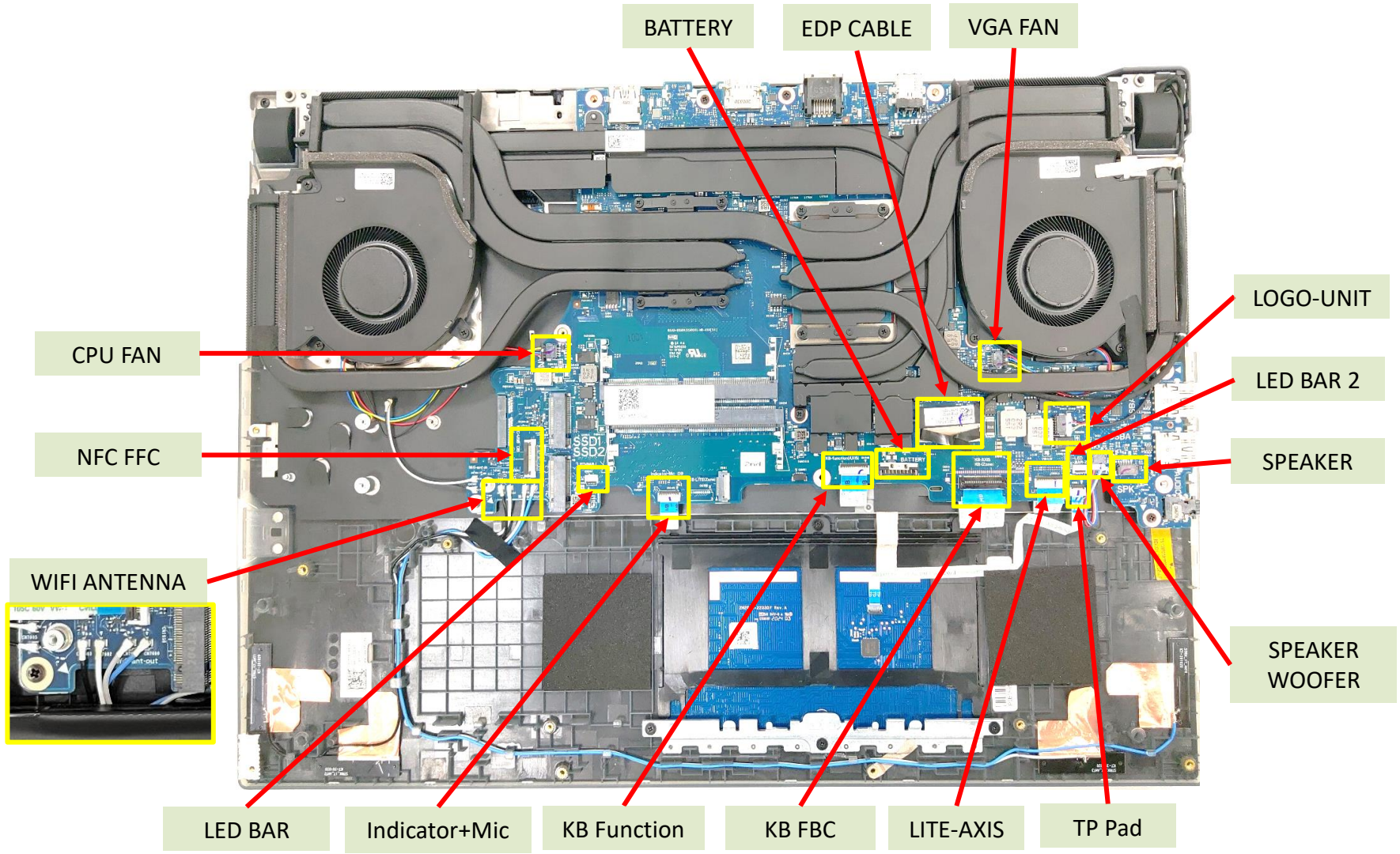
Please follow the screws numbers to lock screws *8pcs.

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

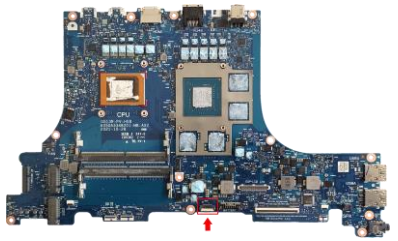
Mainboard connector placement



Supports using JIG BOARD to refresh F1 BIOS

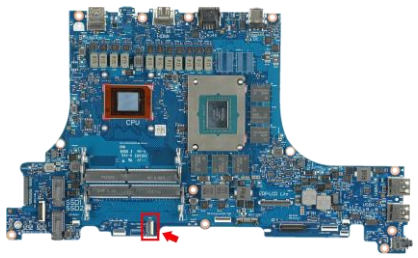
X50

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

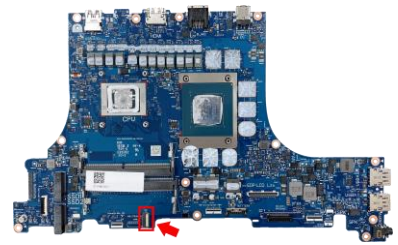


X60

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

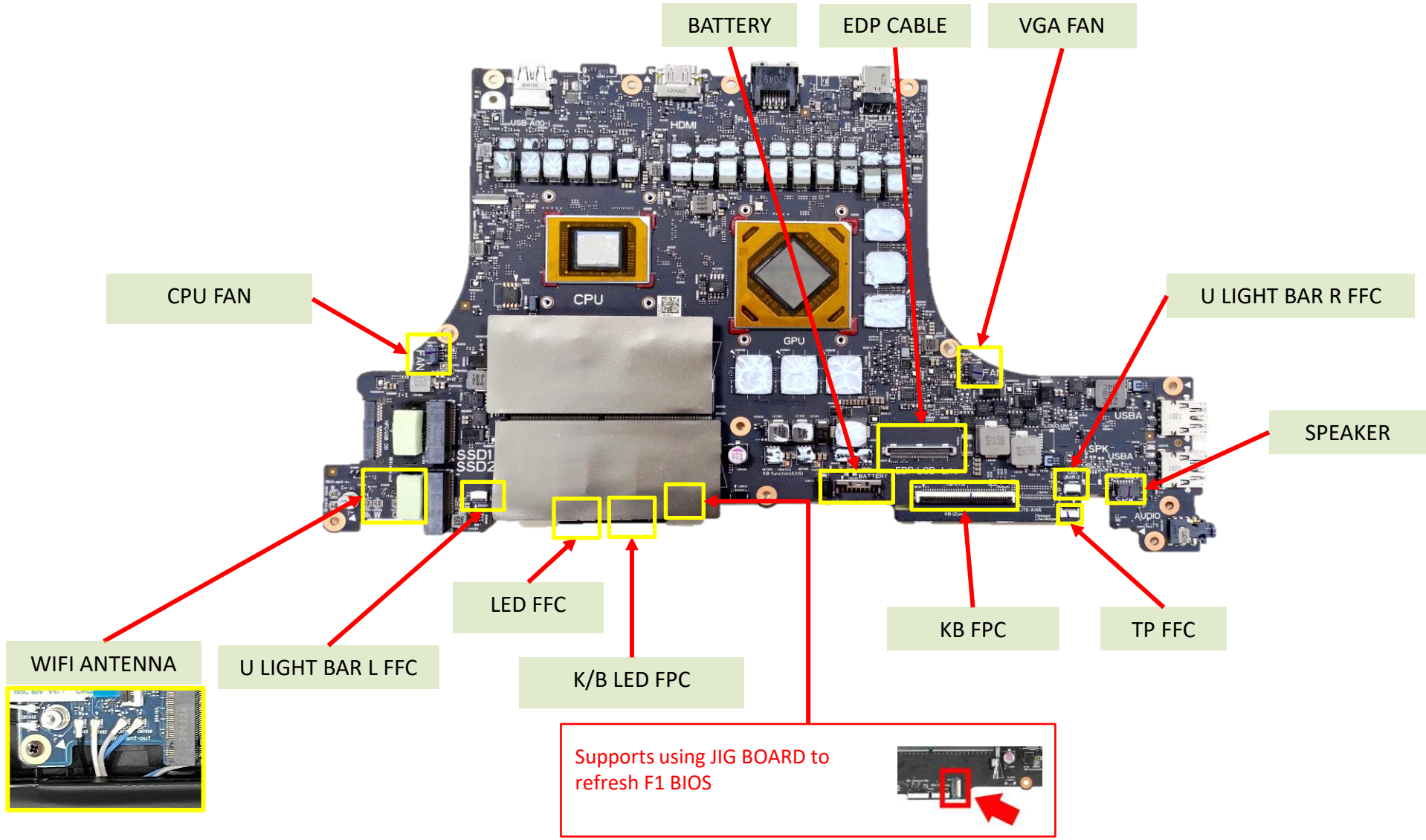


系列	Model Name
G733Q	G733QSA



MAIN BOARD FOR G713QY

Mainboard connector placement



MAIN BOARD

Materials on mainboard

G513QC HDMI GASKET

G532LWS GPU BKT ASSY|WAN CHENG
G513QY GPU BKT ASSY

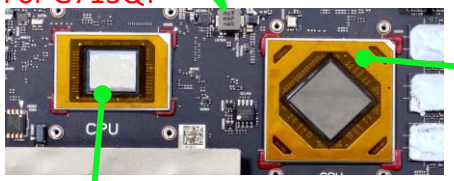
G532LWS CPU BKT ASSY|WAN CHENG
G513QY CPU BKT ASSY

G513QC MB AL+ABSORBER

G533QS DDR ABSORBER|LONGYANG



For G713QY



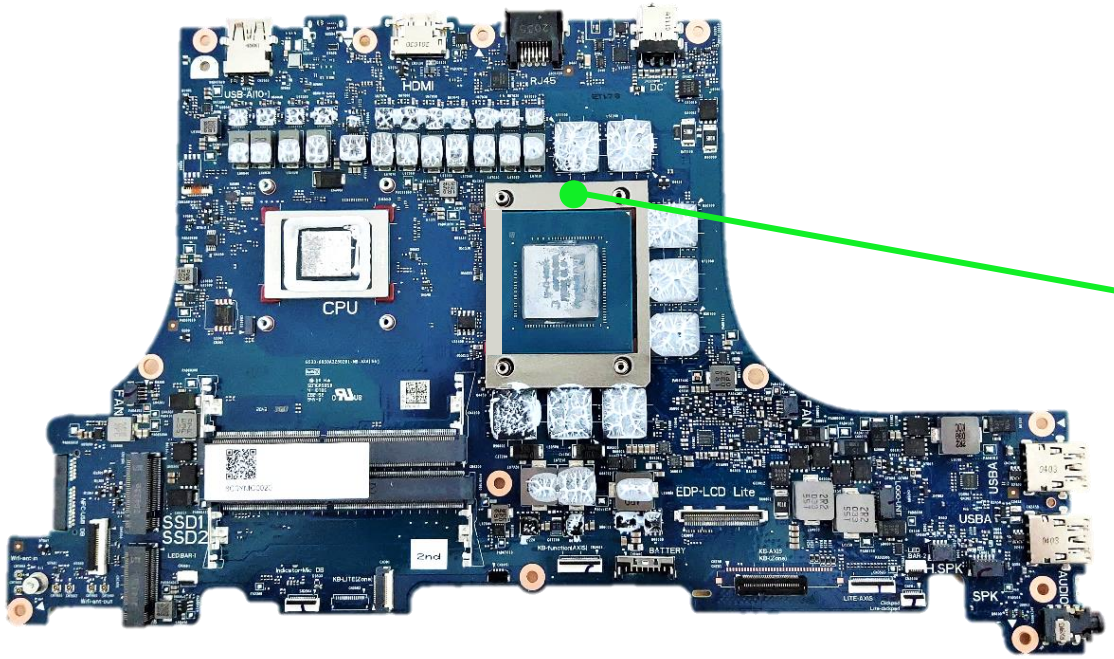
G513QY MB GPU KAPTON(AMD GPU)

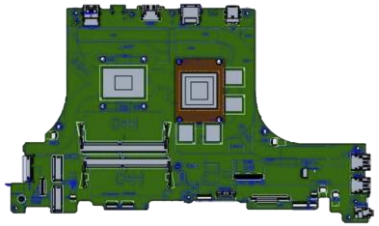
G533QS MB MYLAR|TENYI

G513QY MB CPU KAPTON
G513QM MB RENOIR CPU KAPTON(For G713IE Only)

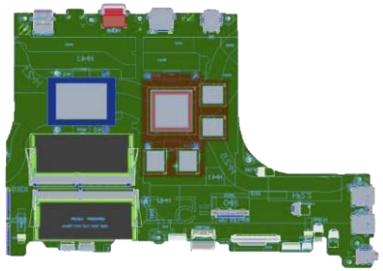
MAIN BOARD

Materials on mainboard





For G713I/Q (S/R/M) & G733Q SKU
G533QS GPU ABSORBER



For G713I/Q (C/E/H) SKU
G533QS CPU ABSORBER(X50 GPU)

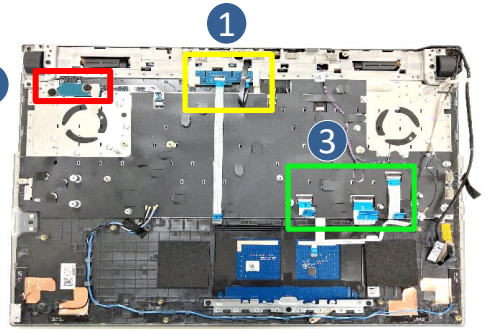
INDICATOR BD

Disassembly Notice

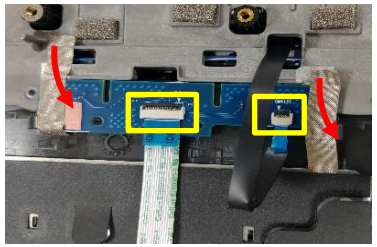
Please be sure to pull out adapter and disconnect the battery.

Step 1 : Remove the INDICATOR BD (yellow mark).
Step 2 : Remove the Power Switch BD and FFC (red mark).
Step 3 : Disconnect the FFC*3pcs (green mark).

Screws	QTY	Spec	Torque (kgf-cm)
	2	M2.5*4.5L(4.5,0.5) (K)#1	2.5±0.2



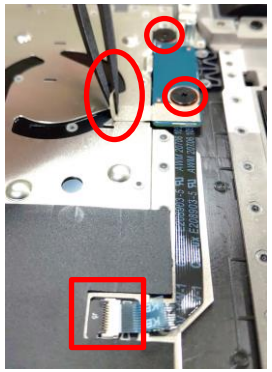
1 1-1. Tear off KB BRKT LED BD CONDUCTIVE TAPE and disconnect FFC
1-2. Remove Power Switch BD



Remove



2 (For Scar G733 Series)
2-1. Tear off TAPE
2-2. Disconnect FFC
2-3. Remove the screws *2pcs



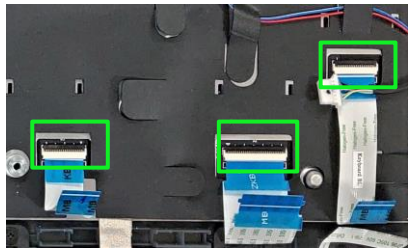
Disconnect





SCAR POWER KEY FFC
10P 0.5 L71

3 (For Scar G733 Series)
Disconnect the FFC*3pcs



SCAR P H L FFC
20P 0.5 L55



SCAR LIGHT OP LB FFC
20P 0.5 L31

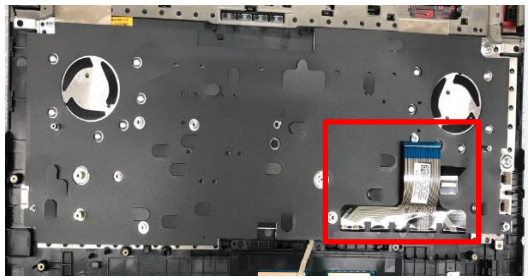


SCAR LIGHT OPMAIN FFC
30P 0.5 L50

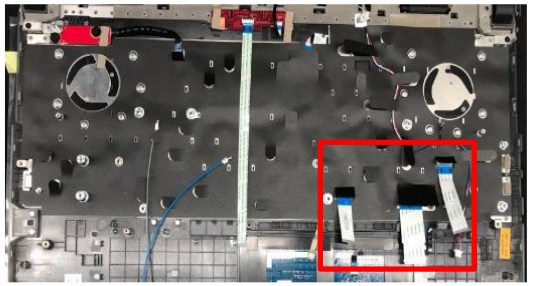


Assembly Notice

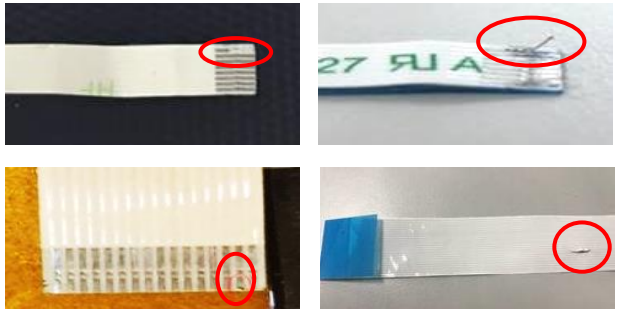
⚠ G713 series keyboard Module includes KB FFC.



⚠ G733 series keyboard Module has not KB FFC.



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

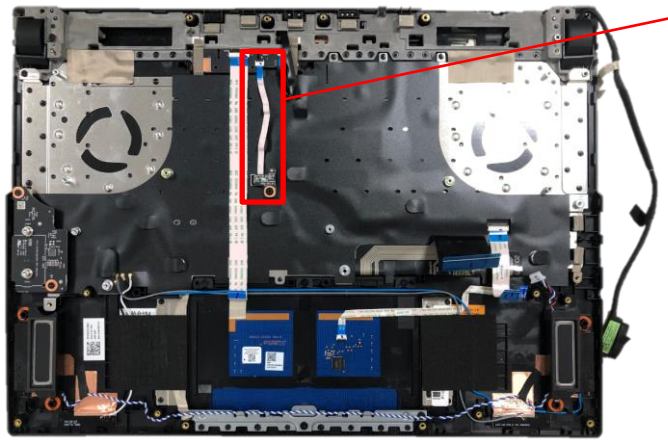


IR SENSOR BD (FOR G713QY)

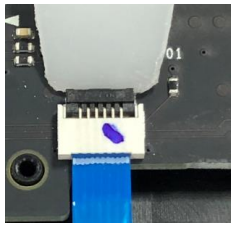
Disassembly Notice Please be sure to pull out adapter and disconnect the battery.

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

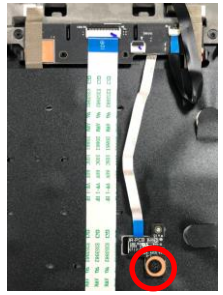
Screws	QTY	Spec	Torque (kgf-cm)
	1	M2*2.5L(5,0.5) (K) #1	2.0±0.2



1 Disconnect



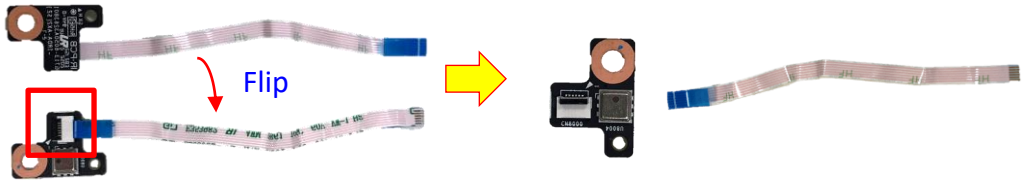
2 Remove



3 Remove

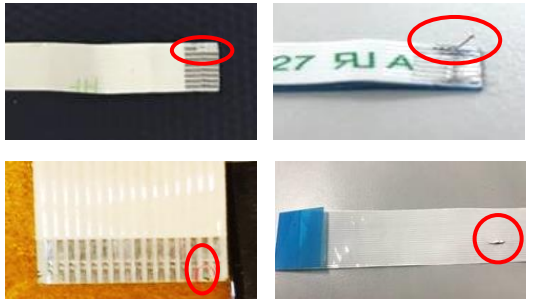


4 Flip up and disconnect



Assembly Notice

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

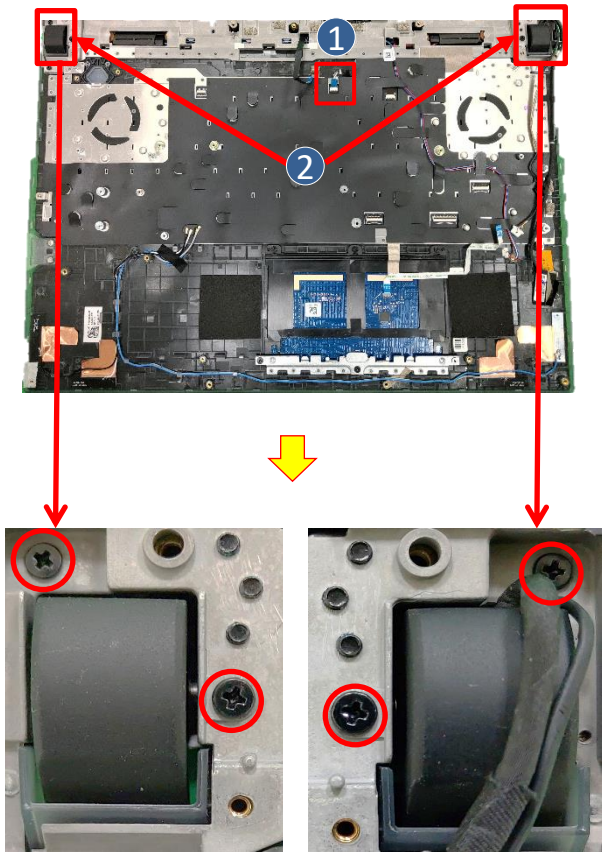


MIC BOARD

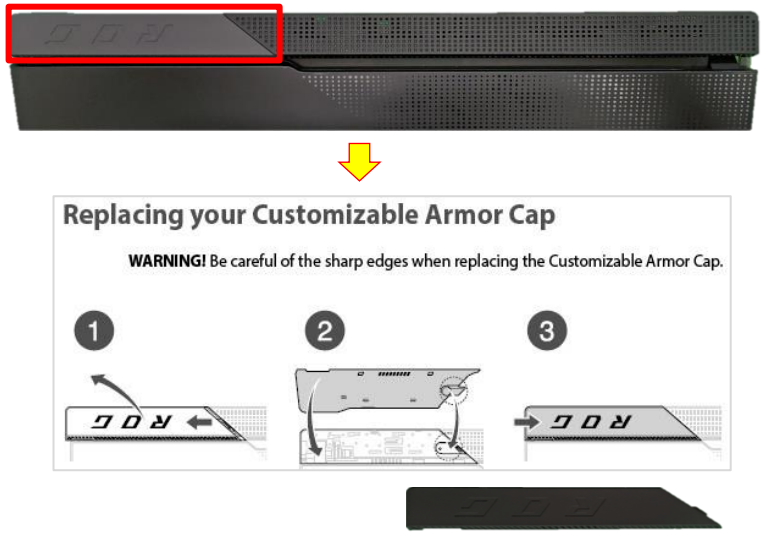
Disassembly Notice Please be sure to pull out adapter and disconnect the battery.

Screws	QTY	Spec	Torque (kgf-cm)
	4	M2.5*4.5L(4.5,0.8) (K)#1	2.5±0.2
	1	M1.6*3L(2.9,0.4) (K)#1	1.0±0.1
	2	M2*2L(8,0.8) (K)#1	2.0±0.2

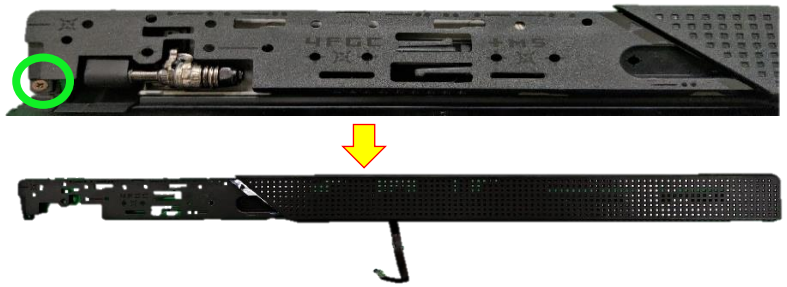
Step 1 : Disconnect the FFC.
Step 2 : Remove the screws*4pcs.
Step 3 : Slip move THERMAL COVER. (Only For Scar G733 series and G713QY)
Step 4 : Remove the screws and Hinge cover. (Only For Scar G733 series and G713QY)
Step 5 : Disconnect the FFC and remove the screws*2pcs.
Step 6 : Remove the MIC BD and FFC.



3 Slip and Remove (Only For Scar G733 series and G713QY)

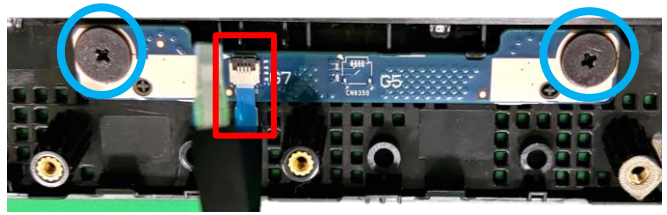


4 Remove (Only For Scar G733 series and G713QY)

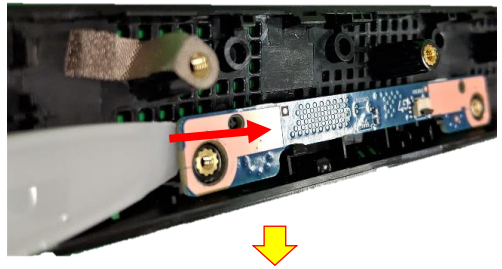




5 Disconnect and Remove



6 Remove







KEYBOARD MODULE

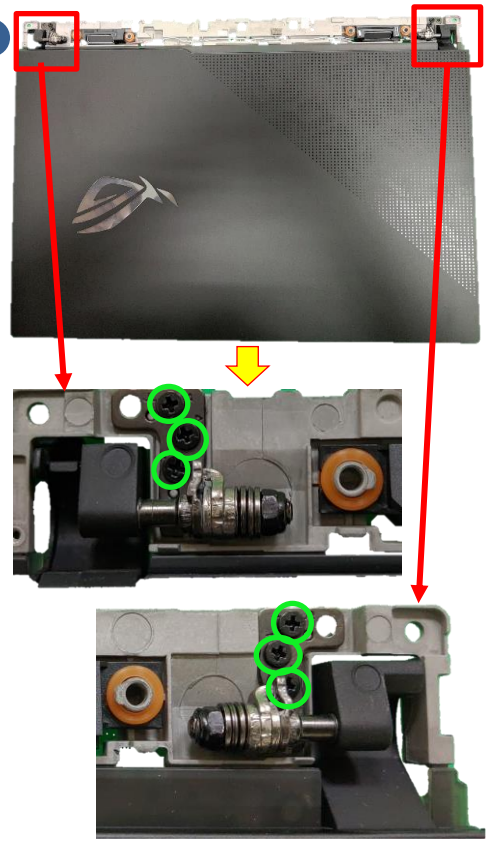
Disassembly Notice

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

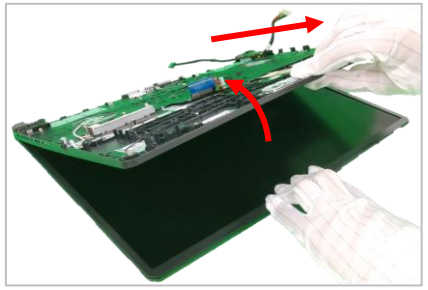
Step 1 : Remove the screws*6pcs (yellow mark).
Step 2 : Remove the KEYBOARD MODULE.
Step 3 : Remove speak woodfer.
Step 4 : Remove the screws*3pcs (red mark).
and remove TOUCHPAD MODULE.
Step 5 : Separate TP FRAME.

Screws	QTY	Spec	Torque (kgf-cm)
T○	6	M2.5*4.5L(4.5,0.8) (K)#1	2.5±0.2
T○	3	M2*3.5L(4.5,0.8) (K)#1	2.0±0.2

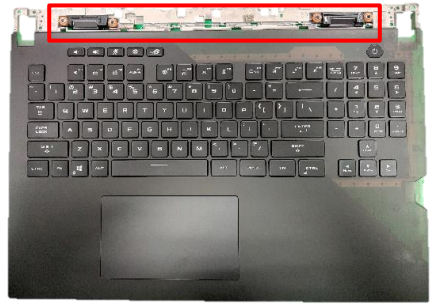
1

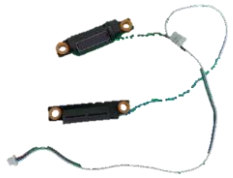


2 Open and remove

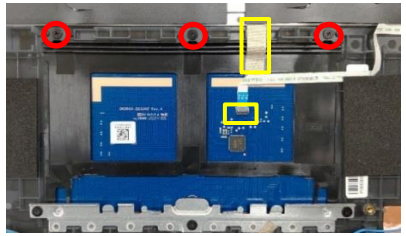


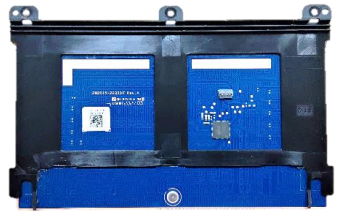
3 Remove





4 4-1 Disconnect the FFC
4-2 Tear off TAPE
4-3 Remove screws*3pcs
4-4 Remove TP Module





5 Separate

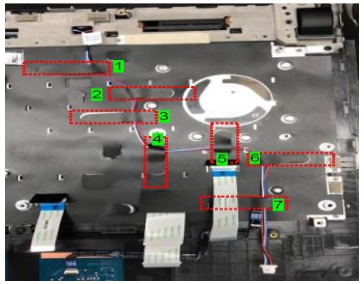




Assembly Notice

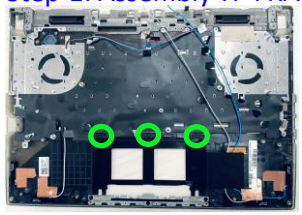
⚠ Please follow the yellow and red mark to tidy cable.



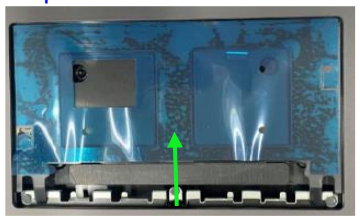


⚠ When new TouchPad assembly, please follow the steps below.

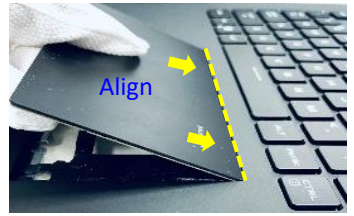
Step-1: Assembly TP FRAME and lock screws *3pcs.



Step-2: Paste TP PCB TAPE.



Step-3: Assembly TouchPad.

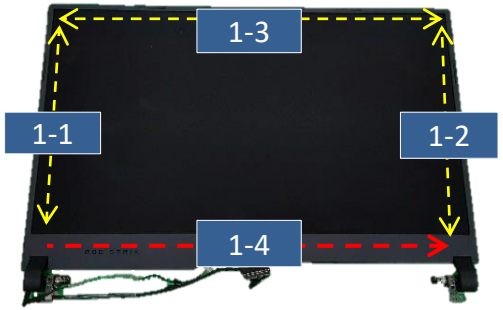


LCD BEZEL

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.)



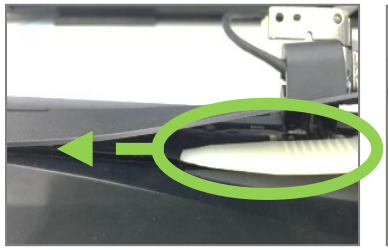
1-1~1-3

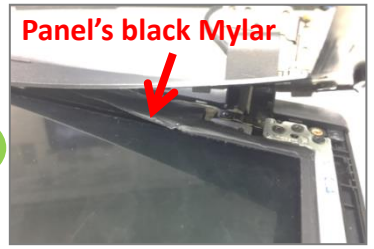
Thumb flipping the inner edge outward.



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..

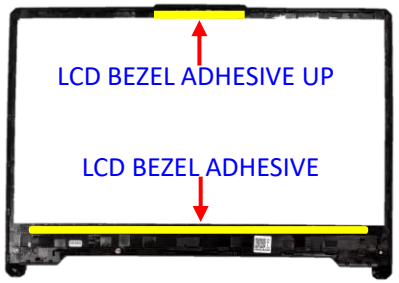






Assembly Notice

When reuse the LCD BEZEL:
Please paste new LCD BEZEL ADHESIVE before assembly BEZEL.
(New LCD BEZEL already contains LCD BEZEL ADHESIVE & UP*1pcs)

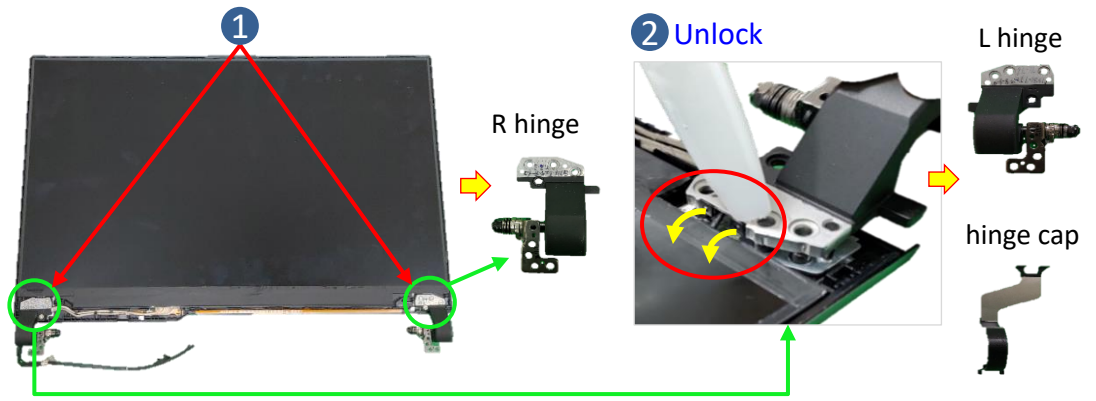


LCD PANEL

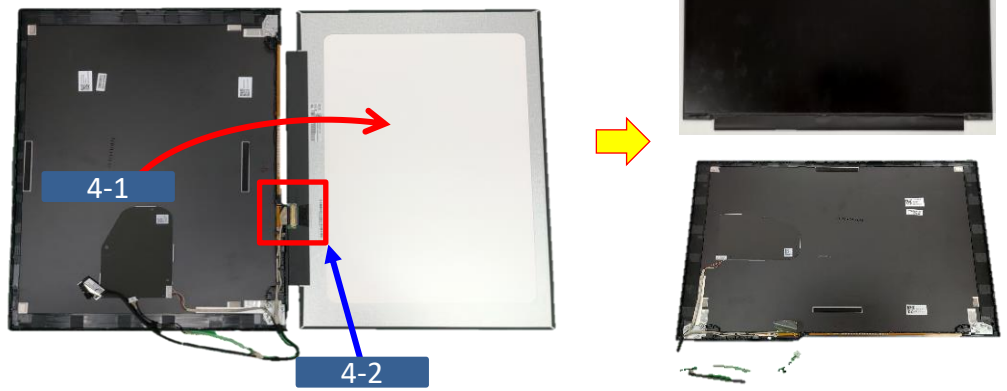
Disassembly Notice Please be sure to pull out adapter and disconnect the battery.

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.

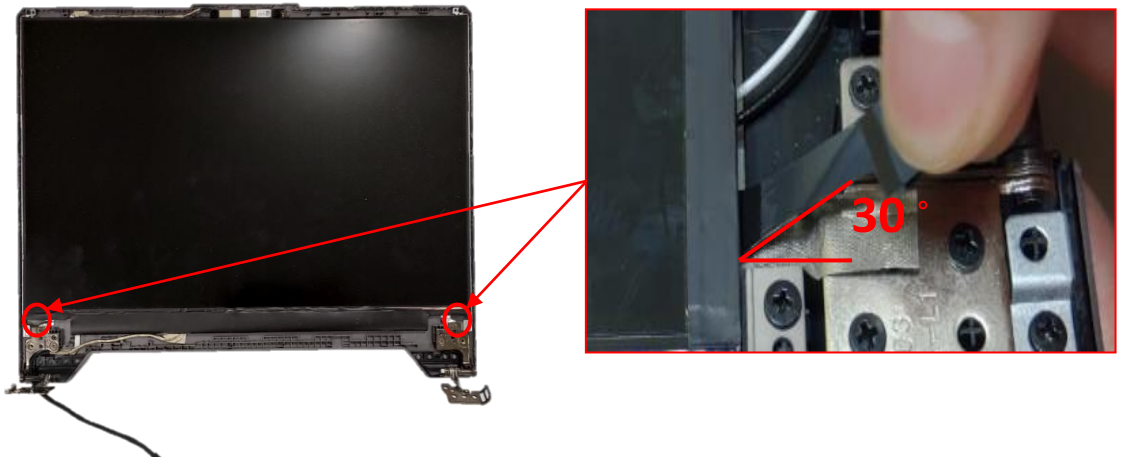
Screws	QTY	Spec	Torque (kgf-cm)
	8	M2*3L (4.5,0.5) (K)#1	2.0±0.2 kgf-cm



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



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



LCD PANEL

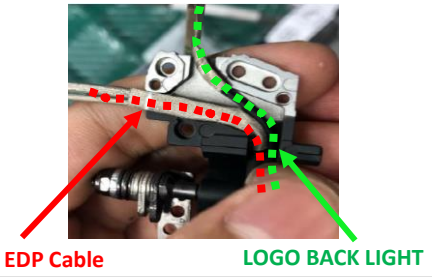
Assembly Notice Please be sure to pull out adapter and disconnect the battery.

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

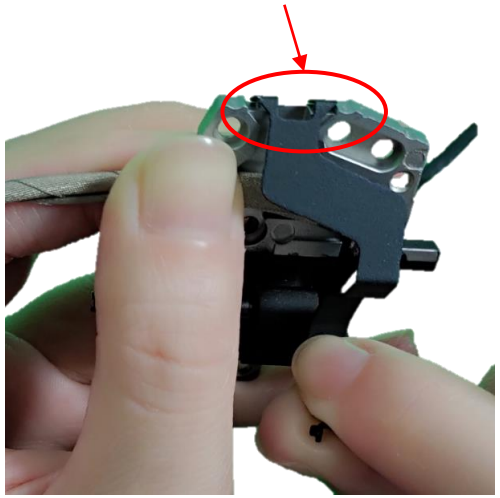
For G713 Series

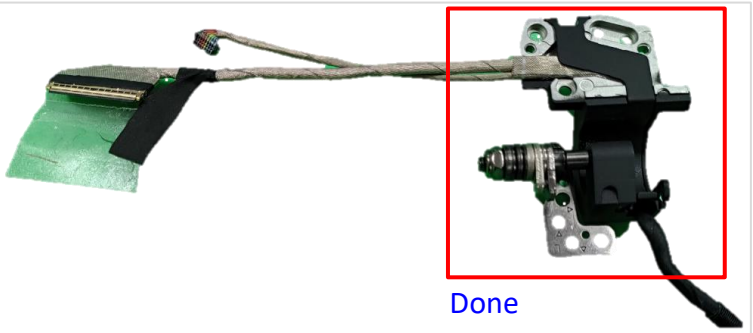


For G733 Series



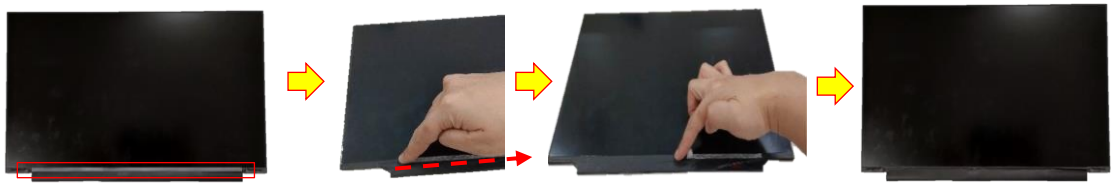
Align and assembly HINGE CAP





B When reuse the LCD PANEL:

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



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

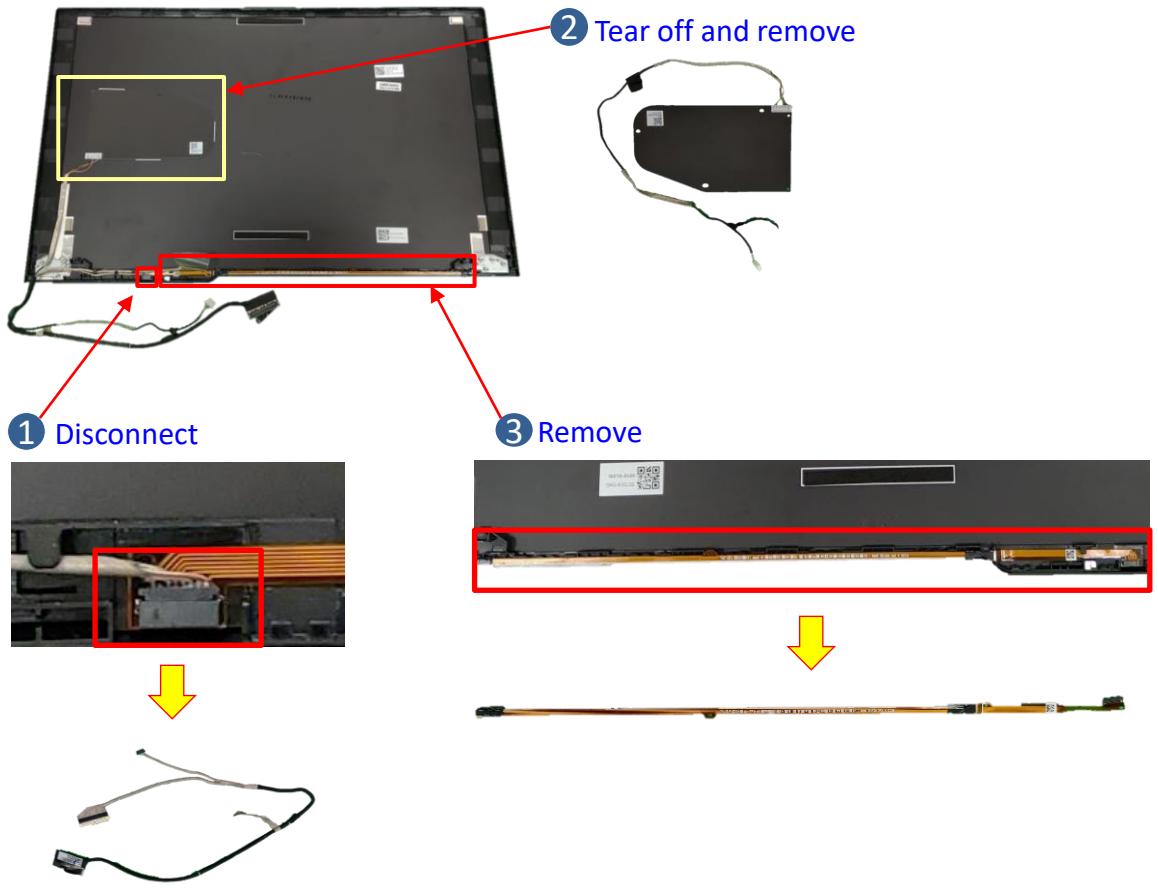


LCD COVER

Disassembly Notice

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

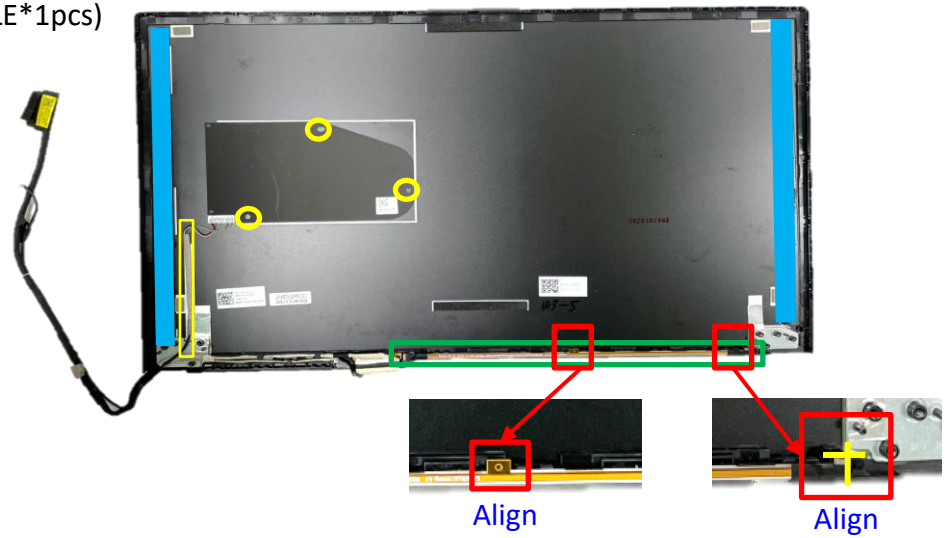
Step 1 : Disconnect the EDP CABLE then remove it.
Step 2 : Tear off LOGO BACK LIGHT MODULE. (For Scar G733 Series)
Step 3 : Remove V Cut lighting. (For Scar G733 Series)



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 *1pcs (Yellow mark)
3. V cut lighting *1pcs (Green mark).
(New LCD COVER already contains LCD ADHESIVE *2pcs, LOGO BACK LIGHT MODULE*1pcs)



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

