



Product End-of-Life Disassembly Instructions

Product Category: Notebooks

Marketing Name / Model
[List multiple models if applicable.]

HP EliteBook 8 G2a 14 inch Notebook Next Gen AI PC (ENERGY STAR)

HP ZBook 8 G2a 14 inch Mobile Workstation PC (ENERGY STAR)

Purpose: The document is intended for use by end-of-life recyclers or treatment facilities. It provides the basic instructions for the disassembly of HP Inc. products to remove components and materials requiring selective treatment, as defined by EU directive

2012/19/EC, Waste Electrical and Electronic Equipment (WEEE).

NOTE: Recyclers should sort plastic materials into resin streams for recycling based on the ISO 11469 plastic marking code on the plastic part. For any questions on plastic marking or identification of location of parts or components requiring selective treatment, please contact [HP's Sustainability Contact](#).

1.0 Items Requiring Selective Treatment

1.1 Items listed below are classified as requiring selective treatment. An "X" in the list of components and parts indicates the product contains the component or part requiring selective treatment

Item Description	Components and parts requiring selective treatments	Quantity of items included in product
Printed Circuit Boards (PCB) or Printed Circuit Assemblies (PCA) with a surface greater than 10 sq cm	☒ Main board (MB) PCB ☒ Solid state drive (SSD) PCB ☒ Wireless WAN module (WWAN) PCB ☐ Touch module PCB ☒ Power supply PCB ☐ External Keyboard (KB) ☐ External Mouse ☒ Others: ____DDR, NFC, WLAN, WWAN____	8
Batteries, excluding Li-Ion batteries. This includes standard alkaline, coin or button style batteries	☐ RTC/CMOS battery ☒ Others: ____Main battery pack____	0
Li-Ion batteries. Includes all Li-Ion batteries if more than one is provided with the product (such as a detachable notebook keyboard battery, etc.)	Li-ion battery(ies) are attached to the product by: ☐ screws ☐ snaps ☐ adhesive ☒ other. Explain <u>mechanical latch desig</u>	1
Mercury-containing components. For example, mercury in lamps, display backlights, scanner lamps, switches, batteries		0
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm. Includes background illuminated displays with gas discharge lamps	☒ Panel LCD	1

EL-MF877-00

Template Revision D

Page 1

last updated May-2022

HP Inc. instructions for this template are available at [EL-MF877-01](#)

Item Description	Components and parts requiring selective treatments	Quantity of items included in product
Cathode Ray Tubes (CRT)		0
Capacitors / condensers (Containing PCB/PCT)		0
Electrolytic Capacitors / Condensers measuring greater than 2.5 cm in diameter or height	☐ Power Supply capacitor(s) or condenser(s)	0
External electrical cables and cords	☒ AC power cord ☐ Audio, video or data cables ☐ Other: _____	1
Gas Discharge Lamps		0
Plastics containing Brominated Flame Retardants (not including external electrical cables and cords, PCBs or PCAs already listed as a separate item above)		0
Components and parts containing toner and ink, including liquids, semi-liquids (gel/paste) and toner. Include the cartridges, print heads, tubes, vent chambers, and service stations.		0
Components and waste containing asbestos		0
Components, parts and materials containing refractory ceramic fibers		0
Components, parts and materials containing radioactive substances		0
Components containing chlorofluorocarbons (CFC), hydrochlorofluorocarbons (HCFC) or hydrofluorocarbons (HFC), hydrocarbons (HC)		0

2.0 Tools Required

List the type and size of the tools that would typically be used to disassemble the product to a point where components and materials requiring selective treatment can be removed.

Tool Description	Tool Size (if applicable)
Screwdriver	
tweezer	

3.0 Product Disassembly Process

3.1 List the basic steps that should typically be followed to remove components and materials requiring selective treatment including the required steps to remove the external enclosure.

1. Remove X
2. Remove Y
3. Remove Z

3.2 Location of components requiring selective treatment. The photos and/or graphics below identify the location of the parts or components requiring selective treatment within the main unit. For End-of-Life product disassembly instructions of external accessories including external power supply (EPS), external keyboard (KB) external mouse and external cables and cords, refer to the following URL: [End-of-Life Product Disassembly Instructions \(hp.com\)](https://www.hp.com/go/end-of-life)

Sub-assembly name:			
Document No.:			
Written by:	Jiang. zhuang	Revision:	1.00
Date:	2026/1/23	Page:	1 of 41

Station	Version	Station	Version	Station	Version	Station	Version	Station	Version	Station	Version
1	1.00	11	1.00	21	1.00	31	1.00	41	1.00		
2	1.00	12	1.00	22	1.00	32	1.00	42	1.00		
3	1.00	13	1.00	23	1.00	33	1.00				
4	1.00	14	1.00	24	1.00	34	1.00				
5	1.00	15	1.00	25	1.00	35	1.00				
6	1.00	16	1.00	26	1.00	36	1.00				
7	1.00	17	1.00	27	1.00	37	1.00				
8	1.00	18	1.00	28	1.00	38	1.00				
9	1.00	19	1.00	29	1.00	39	1.00				
10	1.00	20	1.00	30	1.00	40	1.00				

[illegible]

HP Inc. instructions for this template are available at [EL-MF877-01](#)



Standard Operation Procedure

Document No. : disassembly SOP

Station : 1(1/1)

Operation Name : Release Base screws

1.00 Edit date : 2026/01/23

Step :

1. Loosen Base screw *4pcs as below picture showing.

- ❖ Torque: 2.5 ± 0.2 kgf.cm
- ❖ screw can not be slipped.



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver	1								
		Safe	Quality	Order	Fixture	Hear	Look	manual	Static



Standard Operation Procedure

Document No. : disassembly SOP

Station : 2(1/3)

OperationName : VDisassembly BASE

1.00 Edit date : 2026/01/23

Step :

1. Put hands on Base and TOP air outlet grille area, handle Base lift it up while press TOP down to separate Base hook.
2. Take away the Base from unit.



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

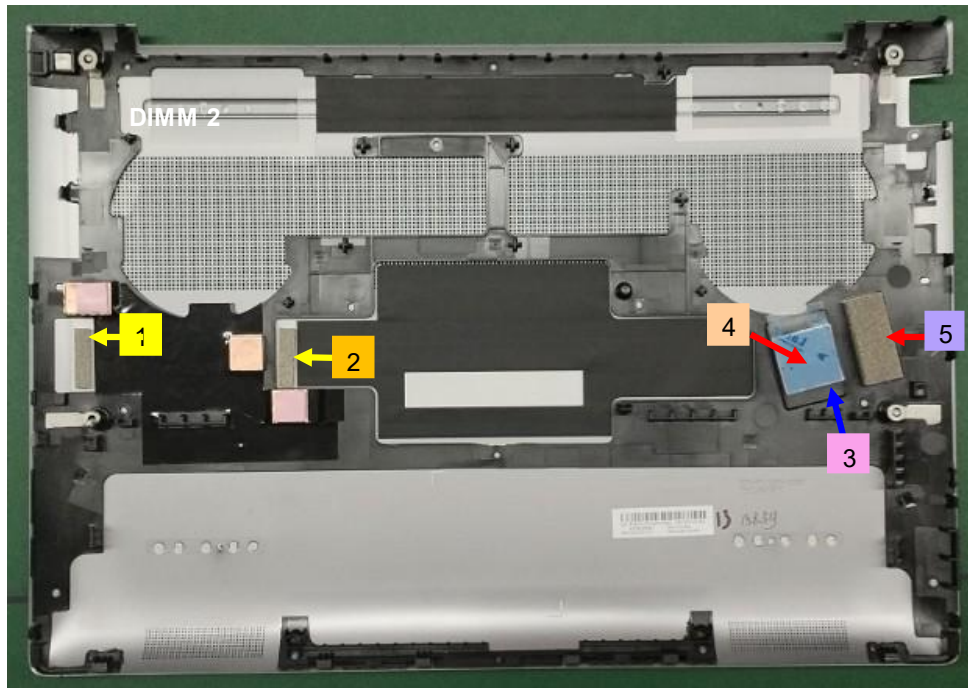
Station : 2(2/3)

Operation Name : VDisassembly BASE

1.00 Edit date : 2026/01/23

Step :

1. For DIS WWAN unit, tear down 3pcs EMI gasket, 1pcs CU foil and 1pcs WWAN card thermal pad from unit as PIC.1 showing.



Pic.1

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Quality	Order	Fixture	Hear	Look	manual	Static



Standard Operation Procedure

Document No.

disassembly SOP

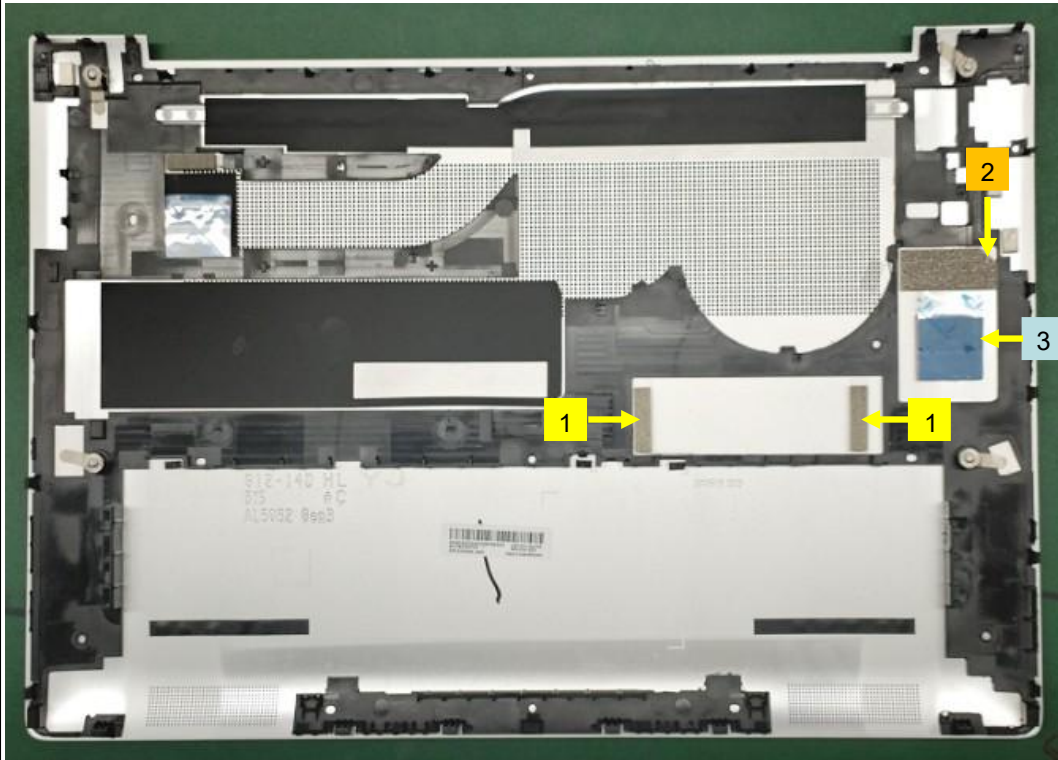
Station : 2(3/3)

OperationName : VDI disassembly BASE

1.00 Edit date : 2026/01/23

Step :

1. For UMA WWAN unit, tear down 3pcs EMI gasket and 1pcs WWAN card thermal pad from unit as PIC.1 showing.



Pic.1

Notice: Please inform production lindeader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

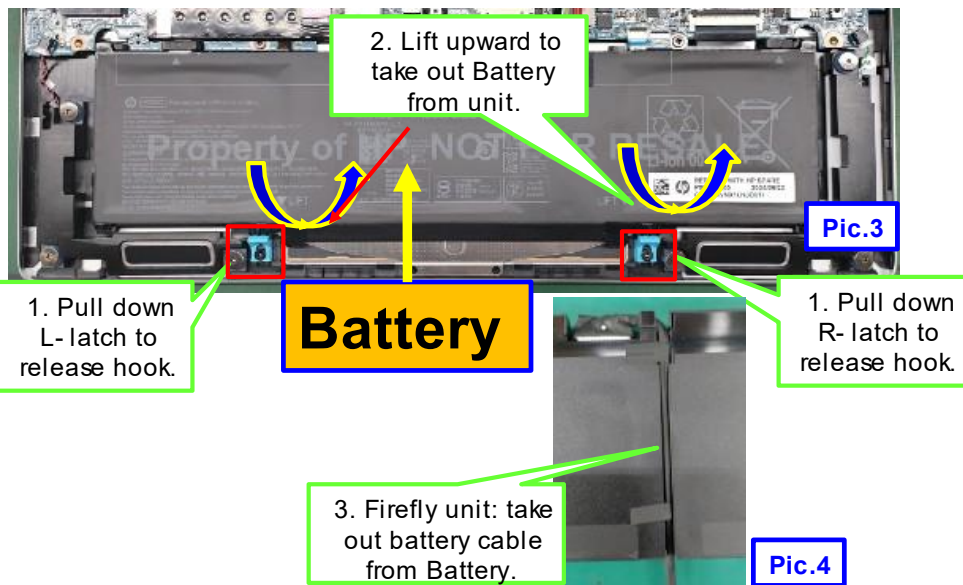
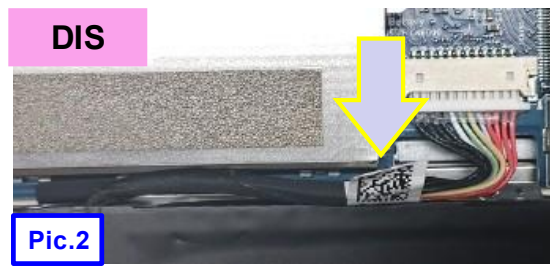
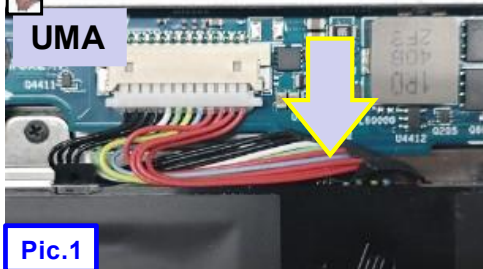
Station : 3(1/1)

OperationName : Disassembly battery

1.00 Edit date : 2026/01/23

Step :

1. Pullout battery cable from connector as Pic.1&2.
2. Pull down L&R latch to release hook as Pic. 3.
3. Lift upward to take out Battery from unit as Pic. 3.
4. For Firefly unit need to take out battery cable Battery as Pic.4



Notice: Please inform production lindeader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

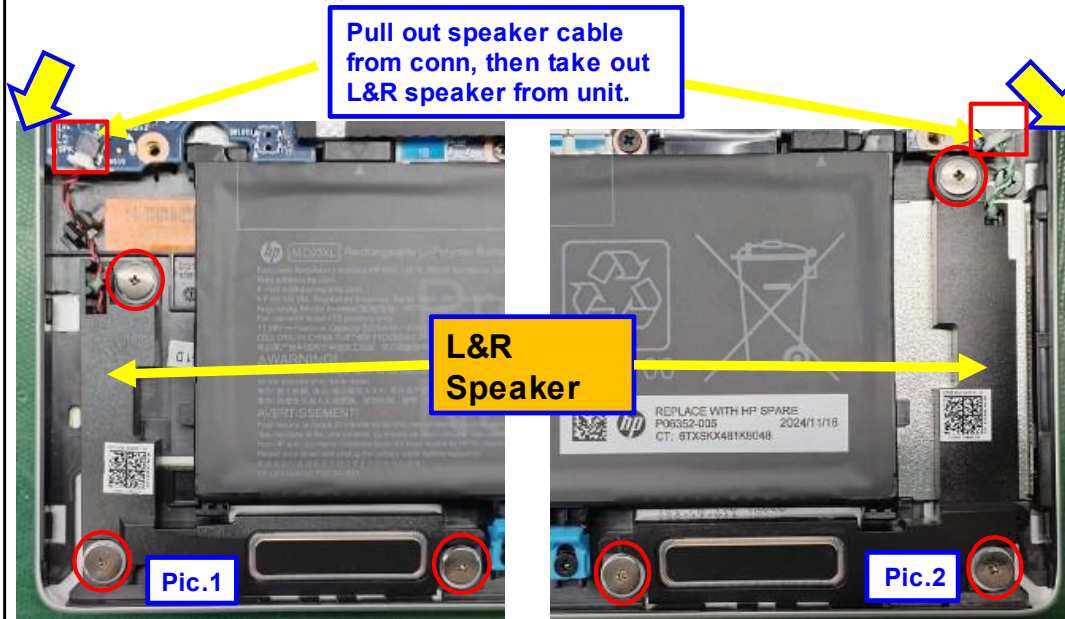
Station : 4 (1/1)

Operation Name : VDisassembly speaker

1.00 Edit date : 2026/01/23

Step :

1. Loosen L&R speaker screw *6pcs (6052B0156301) as below picture showing
 2. Pullout speaker cable from connector.
 3. Take away L/R speaker from unit
- ❖ Torque: 1.5 ± 0.2 kgf.cm
- ❖ screw can not be slipped.



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No.

disassembly SOP

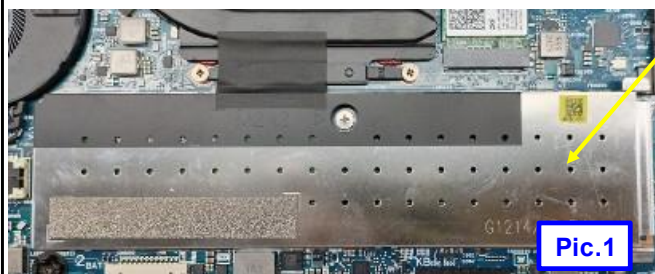
Station : 5(1/1)

OperationName : DisassemblyDDR shielding can

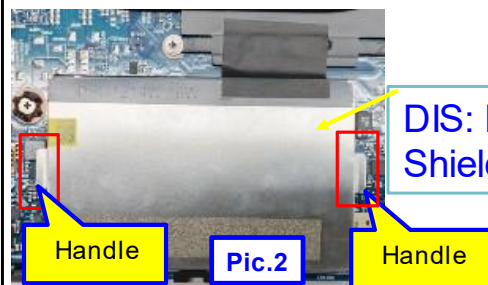
1.00 Edit date : 2026/01/23

Step :

1. Handle DDR shielding to lift, then take out DDR shielding from unit.(pic. 1&2)
2. Take out SSD thermal pad from unit that pasted on SSD (pic.3&4)
thermal pad maybe paste on the corresponding position of Base



UMA PCB2:DDR
Shielding Can



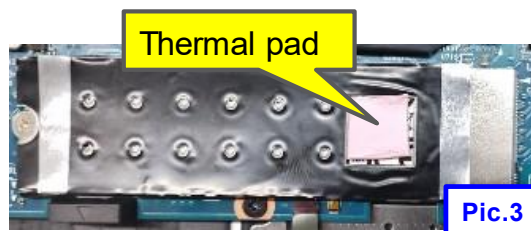
DIS: DDR
Shielding Can

Handle

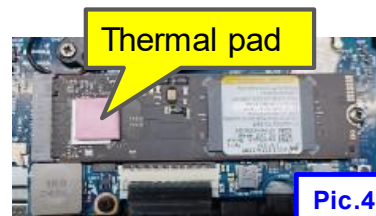
Handle



UMA PCB23:DDR
Shielding Can



Thermal pad



Thermal pad

Notice: Please inform production lindeader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

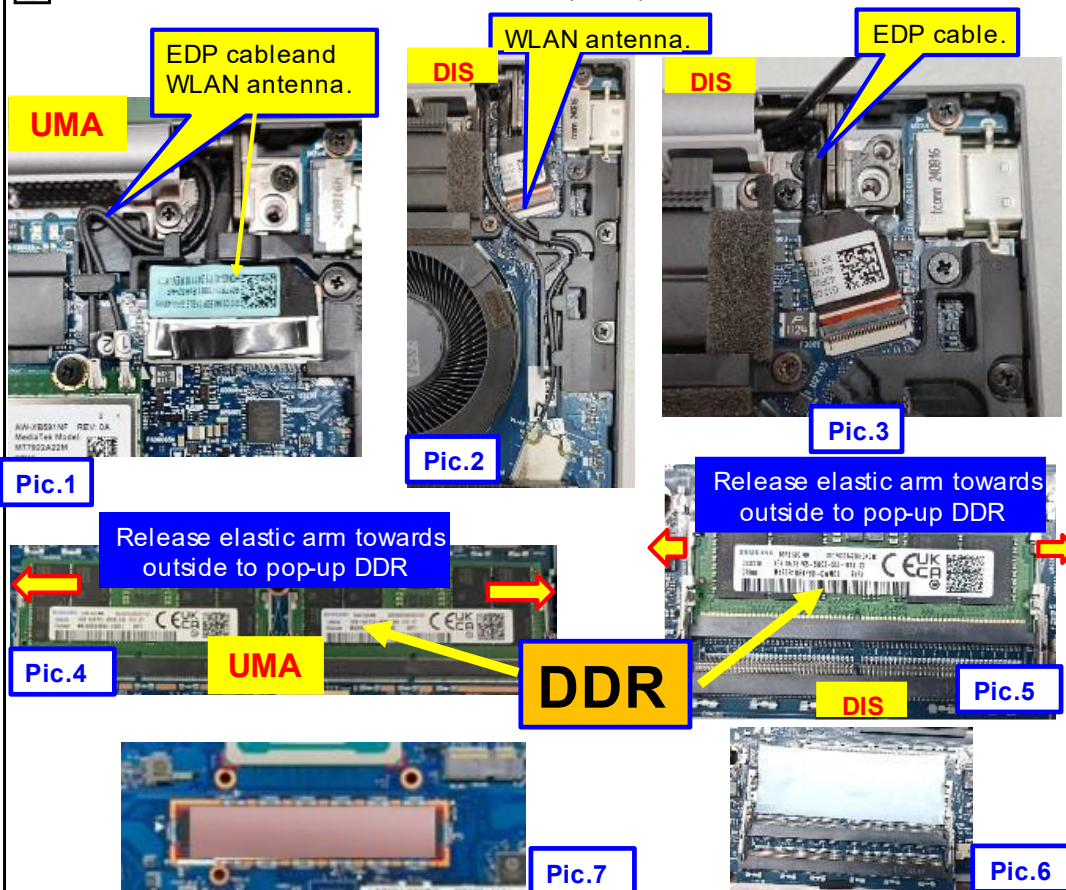
Document No. : disassembly SOP

Station : 6(1/1)

Operation Name : Tear down DDR 、 EDP cable、 WLAN cable 1.00 Edit date : 2026/01/23

Step :

1. Tear down EDP cable and WLAN antenna from holder hook as PIC.1~3 showing.
2. Tear down DDR from unit as PIC.4&5 showing.
3. For DIS&PCB3: Tear down DDR thermal pads pic.6 、 7.



Notice: Please inform production lindeader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Quality	Order	Fixtur	Hear	Look	manu	Static



Standard Operation Procedure

Document No

disassembly SOP

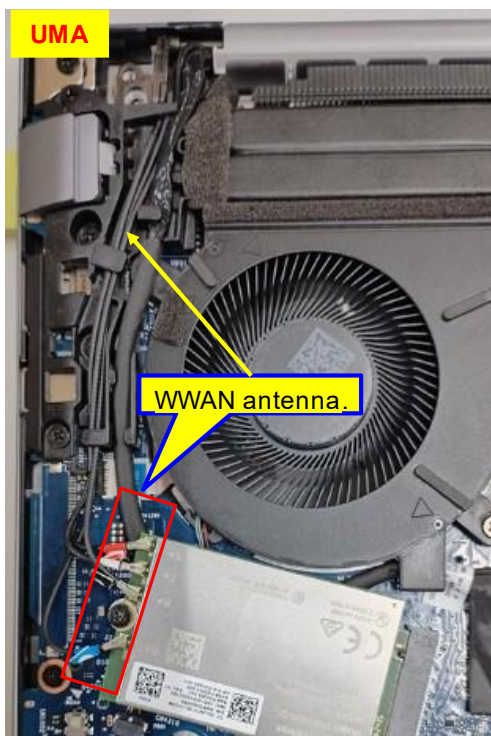
Station : 7(1/1)

OperationName : ~~Year~~:downWWAN antenna

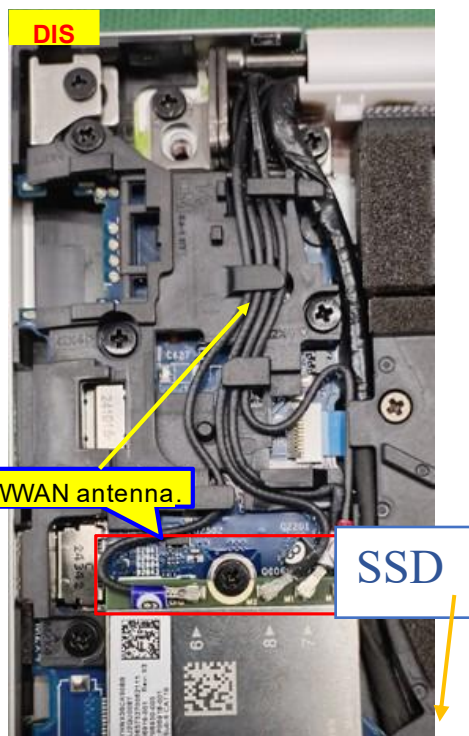
1.00 Edit date : 2026/01/23

Step :

1. Tare downWWAN Antenna Cable from WWANmodule and then release from holder hook as Pic.1&2.



Pic.1



Pic.2

Notice: Please inform pduction lindeader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No.

disassembly SOP

Station : 8(1/1)

Operation Name : Tear down SSD/WLAN/WWAN card Ver. : 1.00 Edit date : 2026/01/23

Step :

1. Loosen screw *3.
 - ❖ Torque : 1.5 ± 0.2 kgf.cm
 - ❖ screw can not be slipped
2. Tear down WLAN/WWAN card from unit as Pic.1~2.
3. Tear down SSD foil from SSD module, then take down SSD as Pic.3~4



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Lo o k	man ual	Sta tic



Standard Operation Procedure

Document No.

disassembly SOP

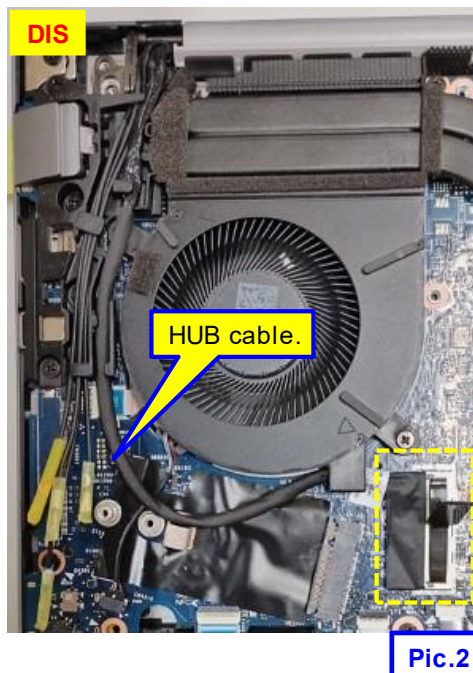
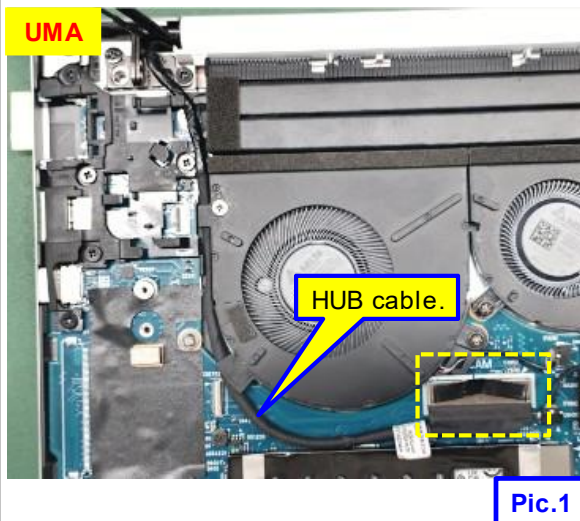
Station : 9(1/1)

Operation Name : ~~Year~~downHUB Cable

1.00 Edit date : 2026/01/23

Step :

1. Hold hub cable pull tape to lift, then tear down cable from conn. Take out cable from Holder or FAN hook as Pic1&2



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Quality	Order	Fixture	Hear	Look	Manual	Static



Standard Operation Procedure

Document No.

disassembly SOP

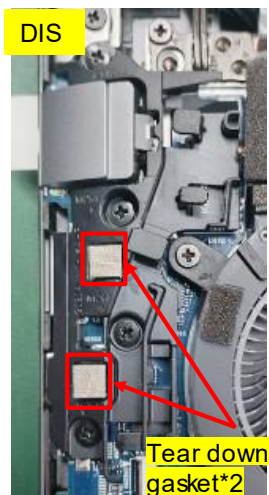
Station : 10 (1/1)

OperationName : ~~Tear~~down rubber and gasket

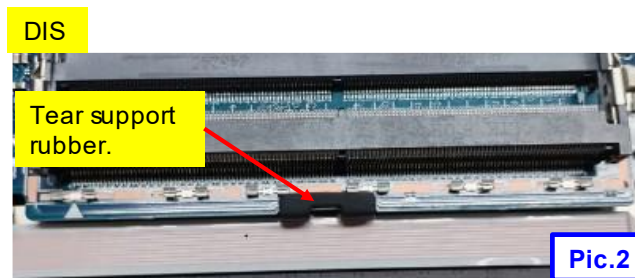
1.00 Edit date : 2026/01/23

Step :

1. For DIS unit, disassembly 2 pcs gasket and support rubber from unit as pic.1&2



Pic.1



Pic.2

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No.

disassembly SOP

Station : 11 (1/1)

OperationName : ~~Take~~down spacer\ mylarand gasket

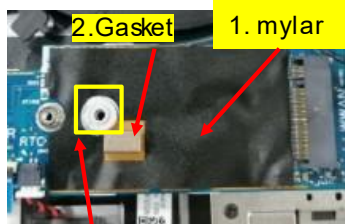
1.00 Edit date : 2026/01/23

Step :

For WWAN SKU

1. Tear down spacer that fixed WWAN short card from unit
2. Tear down mylarand gasket from unit.

UMA:WWAN sku



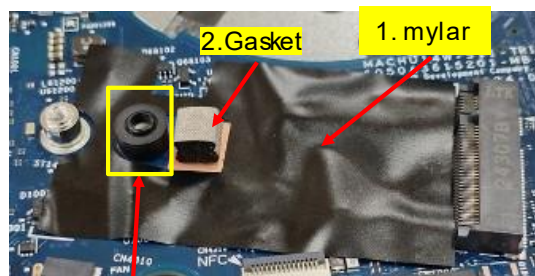
Pic.1



Pic.3

3.spacer
(option)

DIS:WWAN sku



Pic.2



Pic.4

3.Spacer
(option)

Notice: Please inform production lindeader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No.

disassembly SOP

Station : 12 (1/1)

OperationName : Tear down hinge up from C part

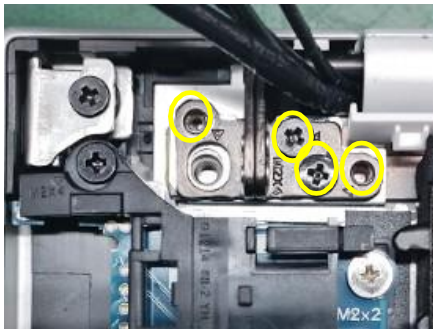
1.00 Edit date : 2026/01/23

Step :

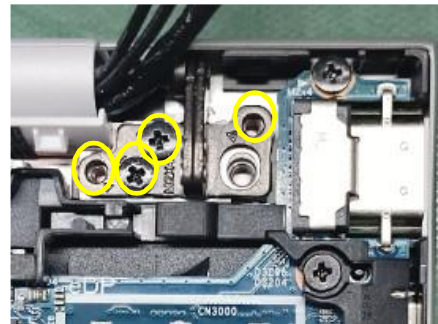


Pic.1

- 1. Open LCD to 125 degree.(Pic.1)
- 2. Loosen screw*8pcs that fixed hinge, and disassembly Base unit to separate hinge up and Base unit. (Pic.2&3)
 - ❖ Torque : 3.0 ± 0.2 kgf.cm
 - ❖ screw can not be slipped.
- 3. Tear down hinge up from unit.



Pic.2



Pic.3

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver	1								
Support jig	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

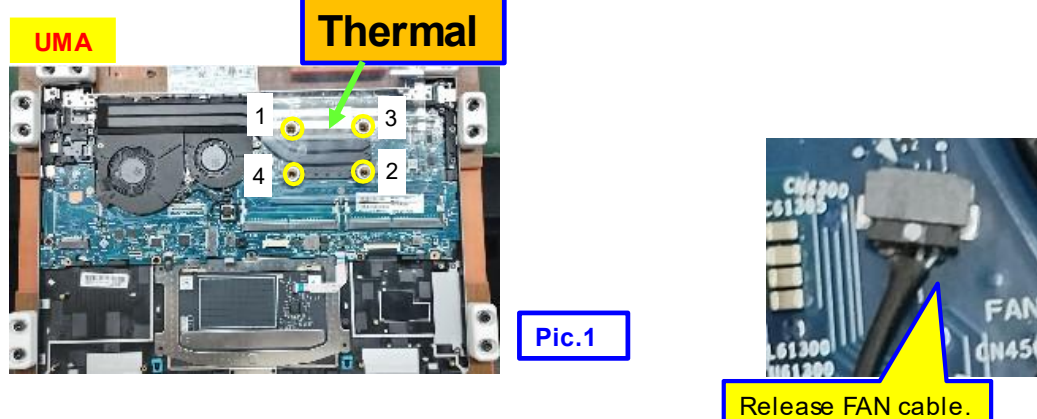
Station : 13(1/1)

OperationName : Tear:down Thermal and absorber

1.00 Edit date : 2026/01/23

Step :

1. For UMA : Tear the base unit into the thermal support fixture, loosen screw that fixed on thermal, then Tear down thermal from unit(Pic.1)
 - ♦ Pay attention to the right way of taking thermal/check whether the fin has deformation.
 - ♦ torque : $1.5 \pm 0.2 \text{Kgf} \cdot \text{cm}$
2. For DIS : Disassembly 1st and 2nd FAN cable from connector. (PIC.2)



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Thermal support fixture	1								
Screw driver 1		Safe	Quality	Order	Fix ture	Hear	Look	man ual	Sta tic



Standard Operation Procedure

Document No.

disassembly SOP

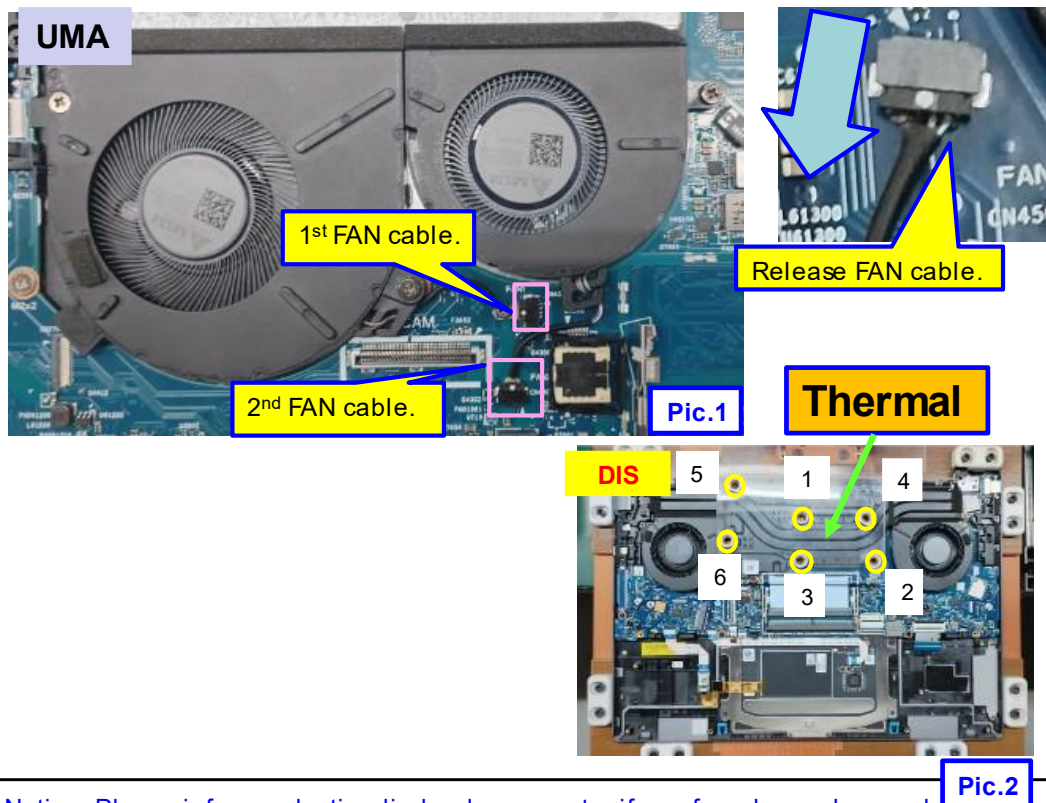
Station : 14(1/1)

OperationName : Tear:downFAN cable

1.00 Edit dab : 2026/01/23

Step :

1. For UMA : Disassembly 1st and 2nd FAN cable from connector. (PIC.1)
 2. For DIS : Tear the base unit into the thermal support fixture, loosen screw that fixed on thermal, then Tear down thermal from unit(Pic.2)
- ♦ Pay attention to the right way of taking thermal/check whether the fin has deformation.
 - ♦ torque : $1.5 \pm 0.2 \text{Kgf} \cdot \text{cm}$



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No.

disassembly SOP

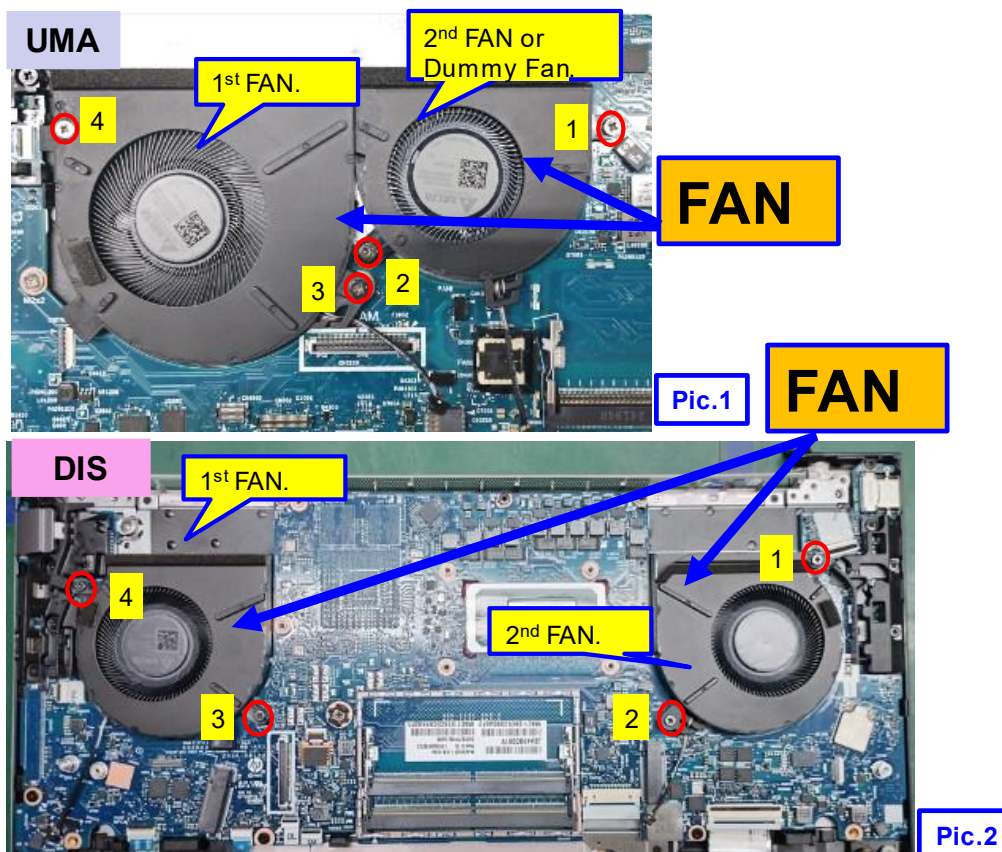
Station : 15(1/1)

Operation Name : ~~Year~~:downFAN

1.00 Edit date : 2026/01/23

Step :

-  1 Loosen FAN Screw (fixed on module) * 4, then take FAN from unit  Pic.1&2,
❖ screw can not be slipped; Torque : $1.5 \pm 0.2\text{Kgf} \cdot \text{Cm}$



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver	1								
		Safe	Quality	Order	Fix tur e	Hear	Look	man ual	Sta tic



Standard Operation Procedure

Document No.

disassembly SOP

Station : 16 (1/1)

OperationName : Tear:down L&R IO frame

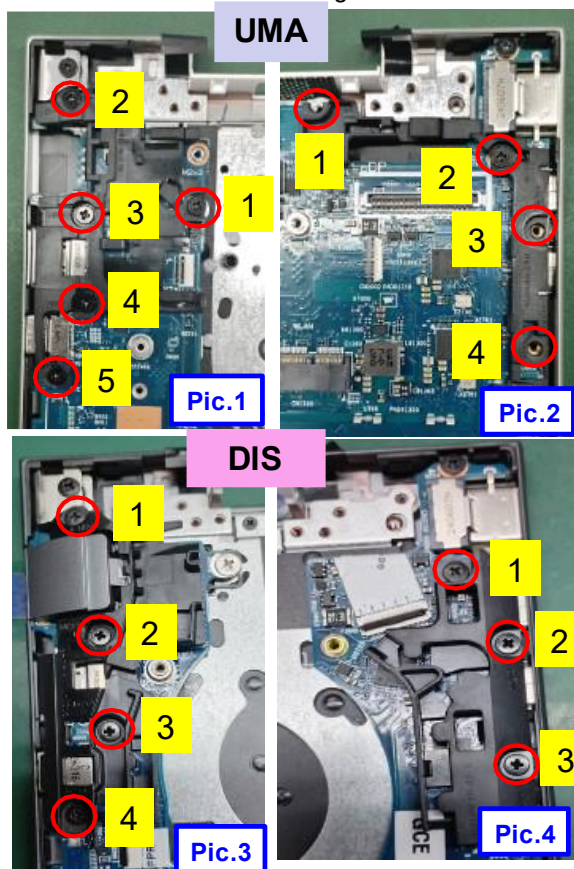
1.00 Edit date : 2026/01/23

Step :

1. Loosen left and right IOFrame screw as Pic.1~4 showing.

❖ screw can not be slipped
❖ Torque : $1.5 \pm 0.2\text{Kgf} \cdot \text{cm}$

2. Tear down left and right IOFrame from unit.



Notice: Please inform production lineleader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver 1									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

Station : 17 (1/1)

OperationName : Tear:down FFC

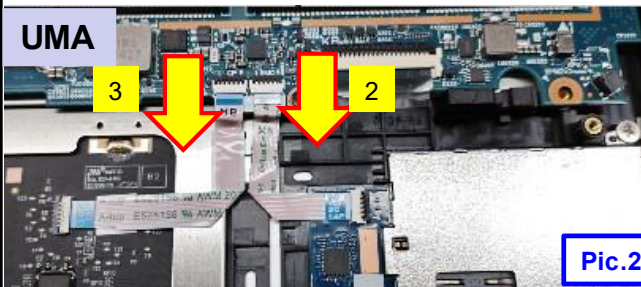
1.00 Edit date : 2026/01/23

Step :

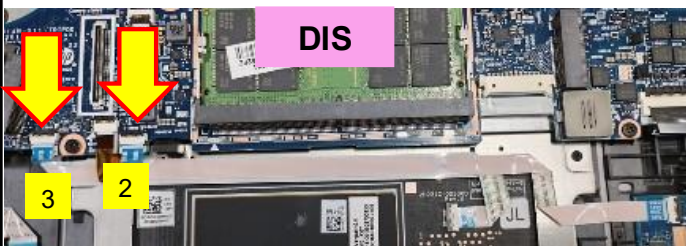
1. Tear down K/B membrane, smart Card FFC and Click pad FFC as PIC.1~3 showing.



Pic.1



Pic.2



Pic.3

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Quality	Order	Fixtur	Hear	Look	man	Static



Standard Operation Procedure

Document No

disassembly SOP

Station : 18 (1/1)

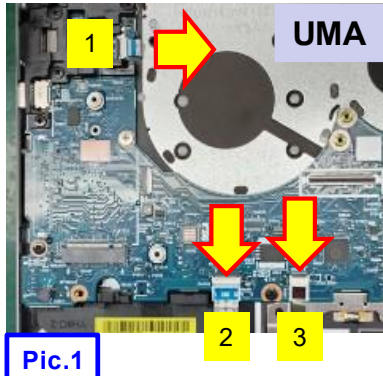
OperationName : Tear:down FR/NFCFFC/K/B B/L FFC

1.00 Edit date : 2026/01/23

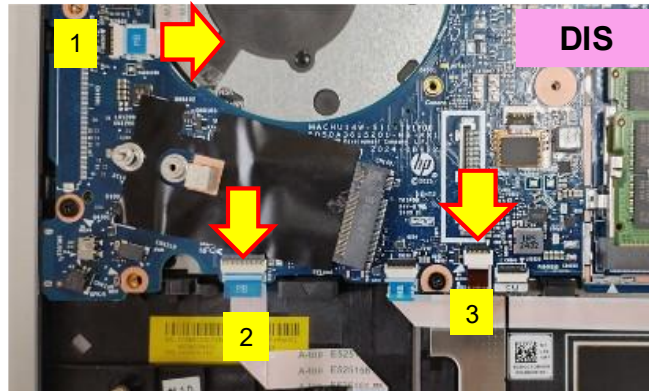
Step :



1. Tear downFinger print FFC, NFC FFC andK/B B/L FFC as PIC.1&2 showing.



Pic.1



Pic.2

Notice: Please inform pduction lindeader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

Station : 19 (1/1)

OperationName : Tear:down NFC

1.00 Edit date : 2026/01/23

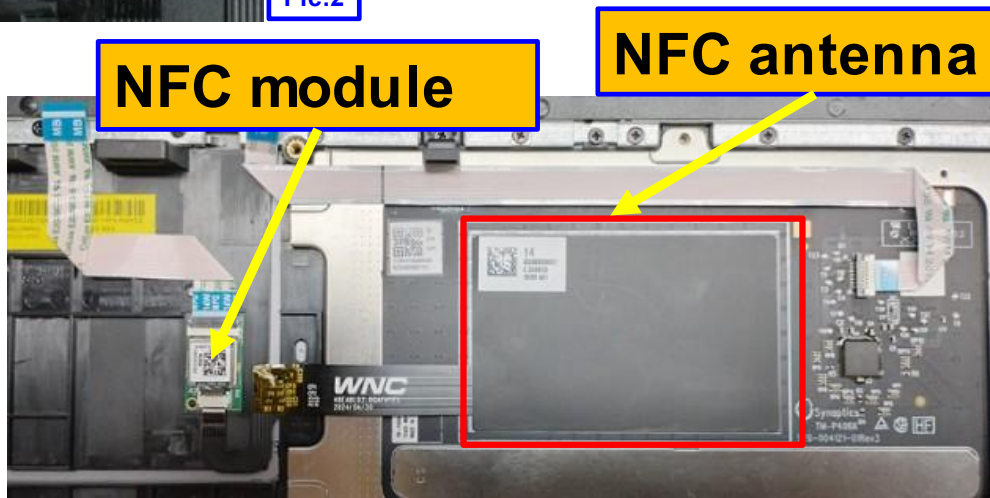
Step :



1. Disassembly NFC FFC, NFC antenna and Module from unit as PIC.1&2.



Pic.2



Pic.1

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol						
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual
								Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

Station : 20 (1/2)

Operation Name : ~~Year~~:downM/B screw

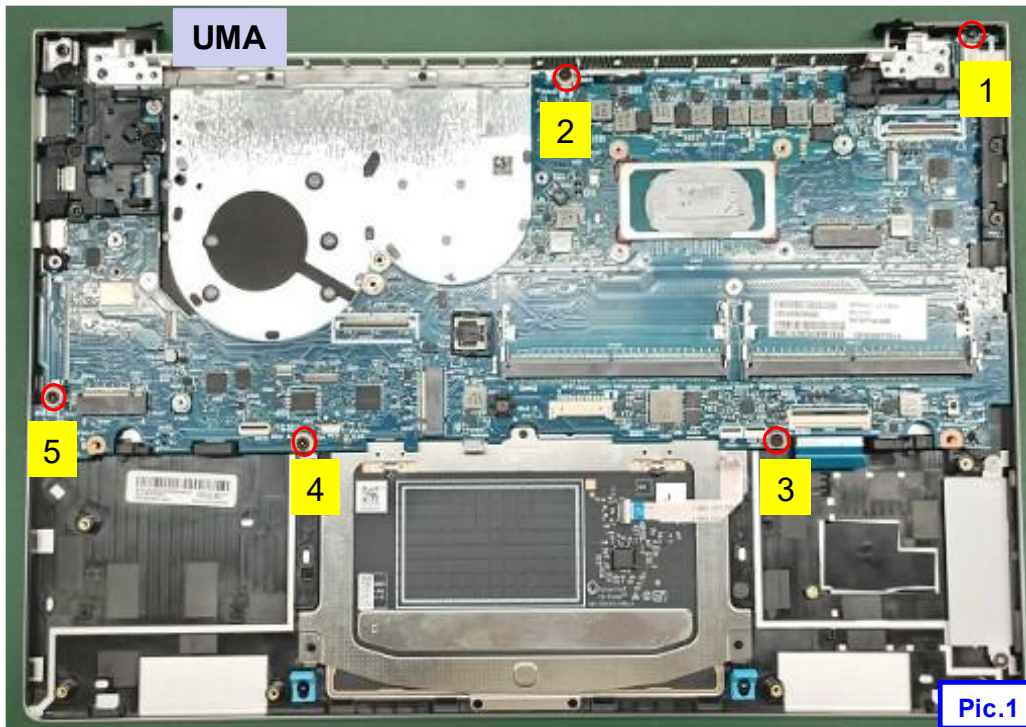
1.00 Edit date : 2026/01/23

Step :

1. Loosenscrew M2x4L * 5 as pic.1 showing.

❖ screw can not be slipped

❖ Torque : 1.5 ± 0.2 Kgf · cm



Notice: Please inform production lindeader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver 1									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No.

disassembly SOP

Station : 20 (2/2)

OperationName : ~~Year~~ downM/B screw

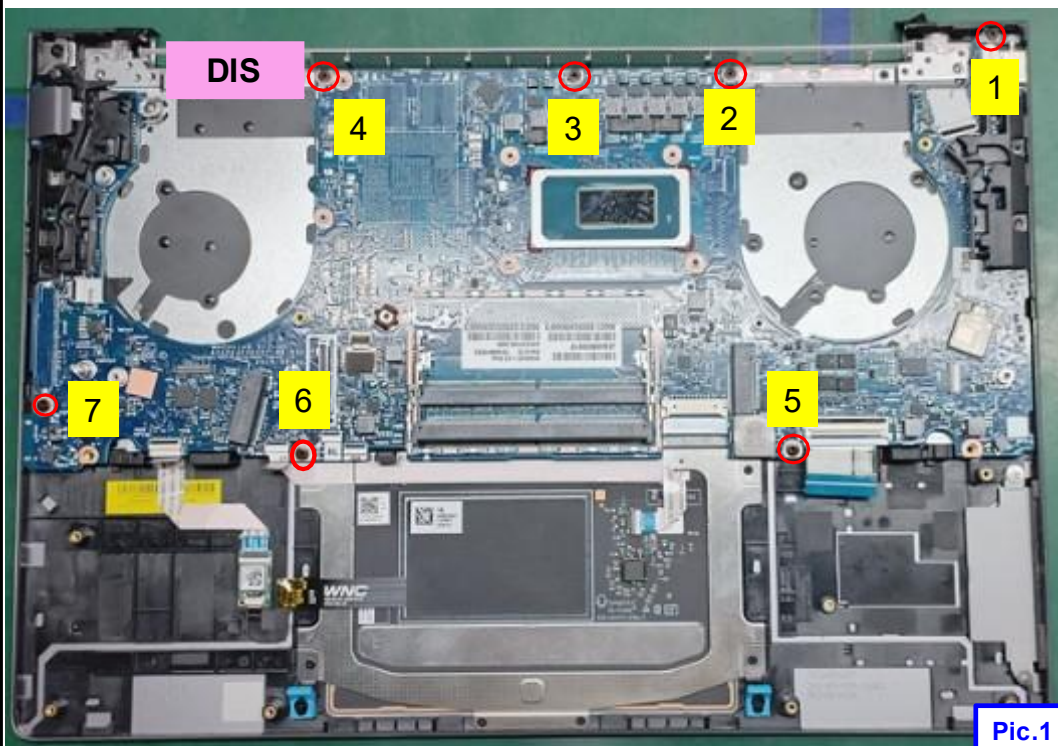
1.00 Edit date : 2026/01/23

Step :

1. Loosenscrew M2x4L * 7 as pic.1 showing.

❖ screw can not be slipped

❖ Torque : $1.5 \pm 0.2 \text{Kgf} \cdot \text{cm}$



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol						
Screw driver 1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual



Standard Operation Procedure

Document No. : disassembly SOP

Station : 21 (1/2)

OperationName : Tear:downM/B screw

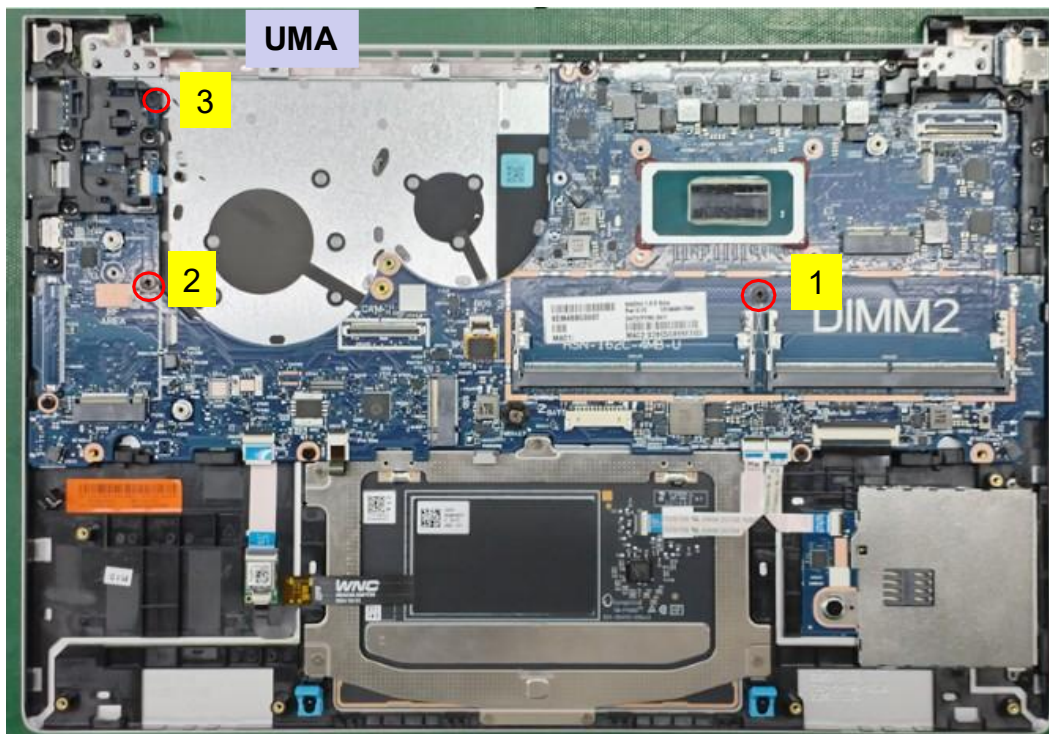
1.00 Edit date : 2026/01/23

Step :

1. Loosen M/B screw M2x2L *3 as pic.1 showing.

❖ screw can not be slipped

❖ Torque : $1.5 \pm 0.2\text{Kgf} \cdot \text{cm}$



Pic.1

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver 1									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

Station : 21 (2/2)

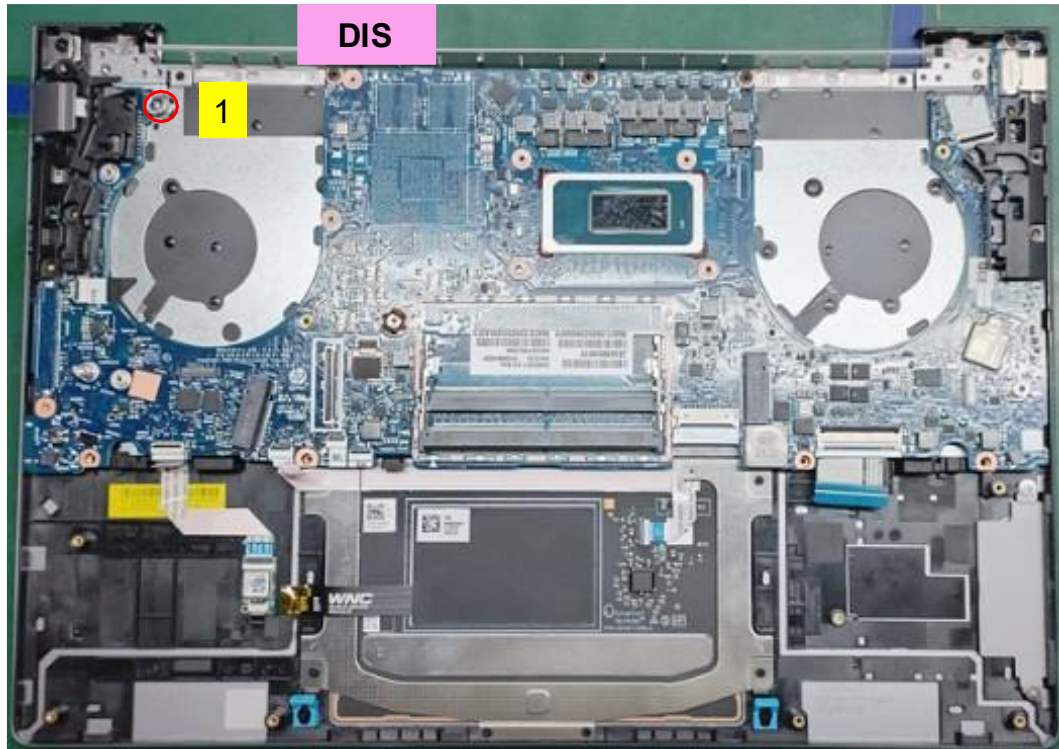
OperationName : Tear:downM/B screw

1.00 Edit date : 2026/01/23

Step :

1. Tear downM/B screw M2x2L * 1 as pic.1 showing.

- ❖ screw can not be slipped
- ❖ Torque : $1.5 \pm 0.2\text{Kgf} \cdot \text{cm}$



Pic.1

Notice: Please inform production lindeader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver 1									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No.

disassembly SOP

Station : 22 (1/1)

OperationName : Tear:down RJ45 DOOR&BRKT

1.00 Edit date : 2026/01/23

Step :

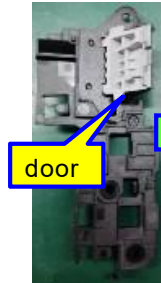
1. Tear down spacer, door, bracket, spring from IO frame.

UMA
Non-
RJ45

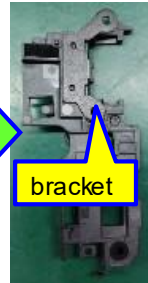


spacer

UMA
RJ45



door

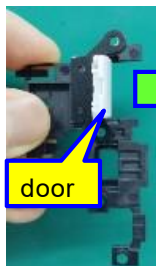


bracket

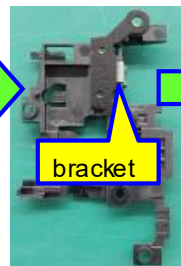


spring

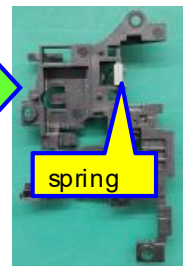
DIS
RJ45



door



bracket



spring

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

Station : 23 (1/2)

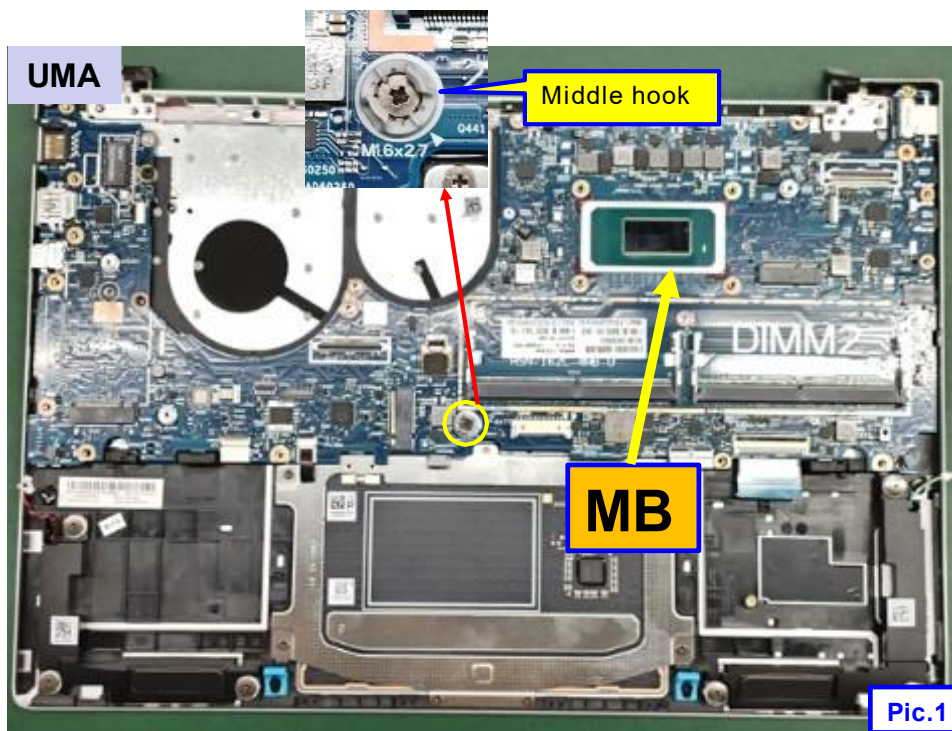
OperationName : Tear:down M/B

1.00 Edit date : 2026/01/23

Step :

1. Tear down middle hook screw *1.
2. Tear down M/B from C parts (Pic 1)

- ❖ screw can not be slipped
- ❖ Torque: $1.0 \pm 0.2 \text{Kgf} \cdot \text{cm}$



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver 1									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No.

disassembly SOP

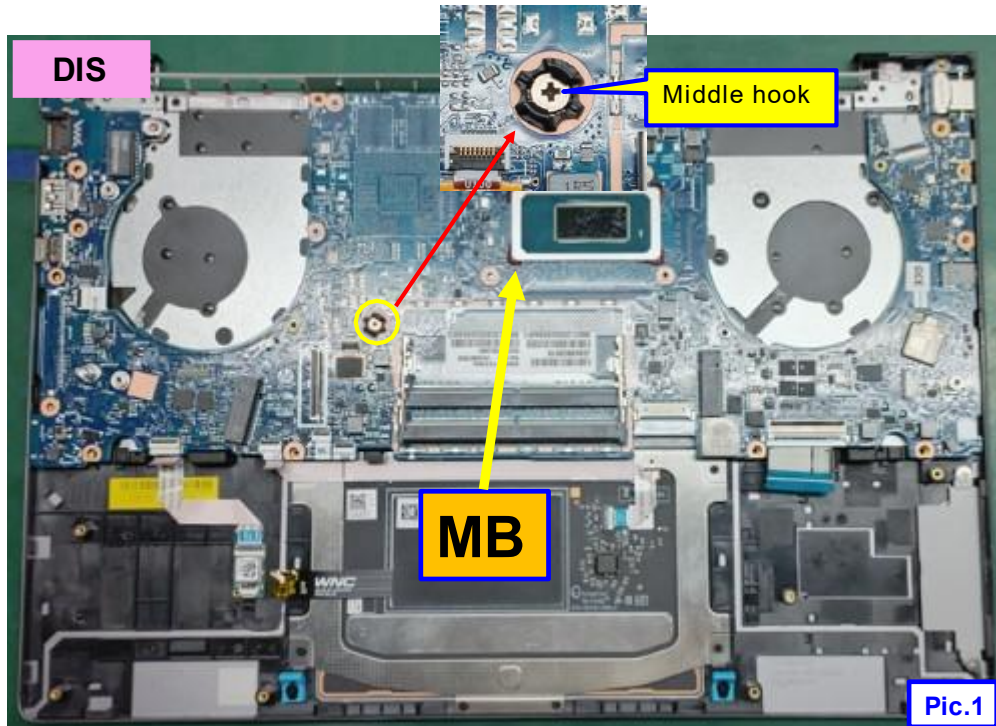
Station : 23 (2/2)

Operation Name : Tear down M/B

1.00 Edit date : 2026/01/23

Step :

1. Tear down middle hook screw *1.
 2. Tear down M/B from C parts (Pic 1)
- ❖ screw can not be slipped
 - ❖ Torque: $1.0 \pm 0.2 \text{ Kg} \cdot \text{cm}$



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver 1									
		Safe	Quality	Order	Fixture	Hear	Look	manual	Static



Standard Operation Procedure

Document

disassembly SOP

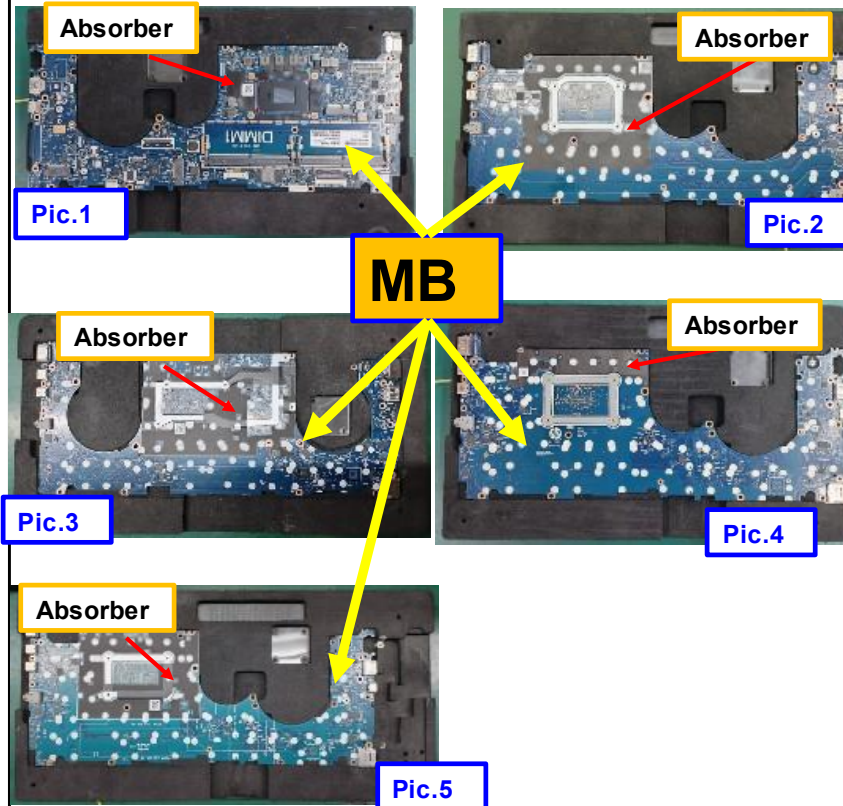
Station : 24 (1/1)

OperationName : Tear:down absorber

1.00 Edit date : 2026/01/23

Step :

1. Tear down absorber from MB surface for RF solution as PIC.1~5.



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. :

disassembly SOP

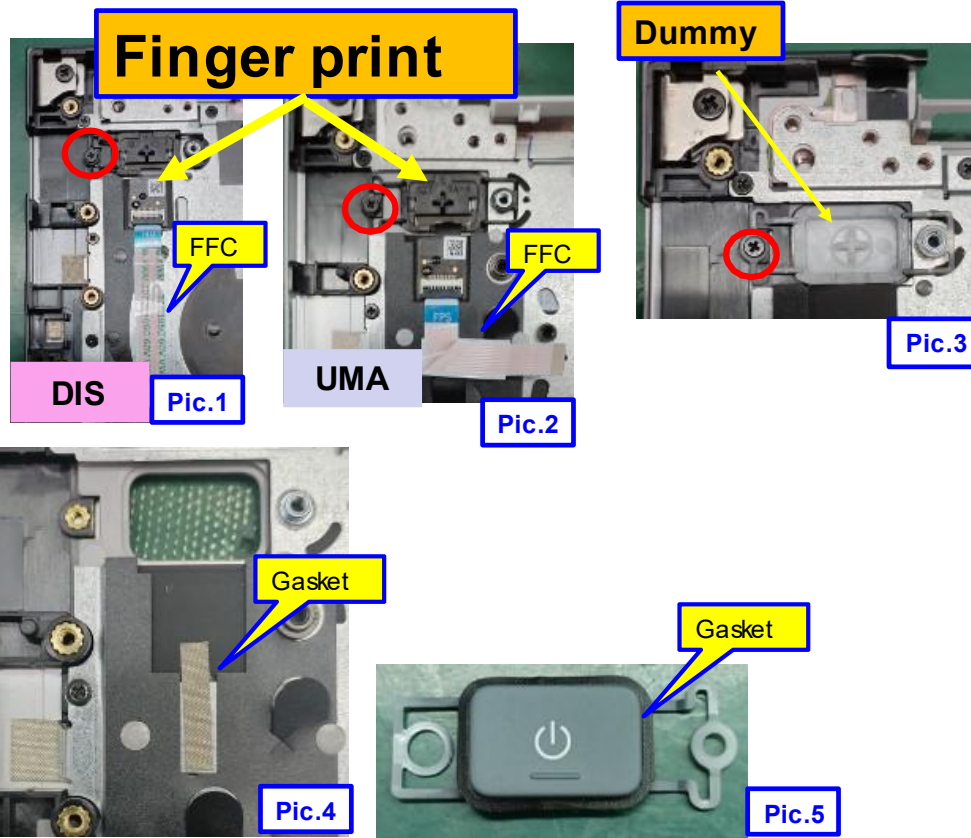
Station : 25 (1/1)

Operation Name : Tear down Finger Print and Dummy

1.00 Edit date : 2026/01/23

Step :

1. Loosen screw M1.6 * L1.8*1 that fixed finger print or dummy (Pic.1&3)
 - ❖ screw can not be slipped
 - ❖ Torque: $1.0 \pm 0.2 \text{ kgf} \cdot \text{Cm}$
2. Tear down Finger Print FFC, gasket pasted on CTOP and gasket pasted on finger print or dummy.



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
screw driver	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. :

disassembly SOP

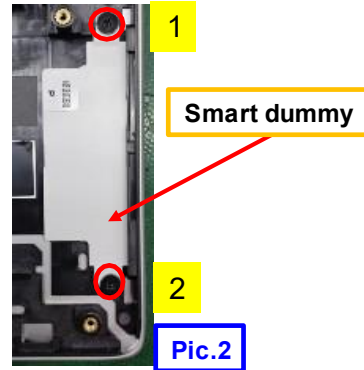
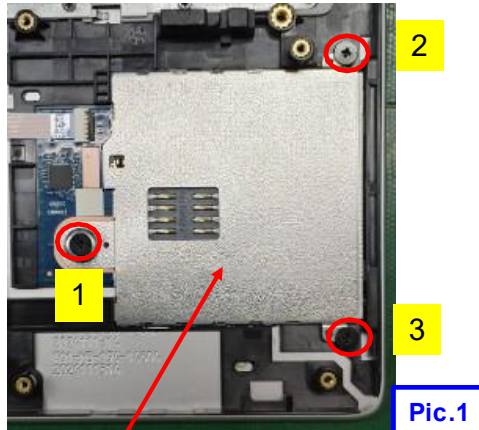
Station : 26 (1/1)

OperationName : Tear:down Smartcard/B or Dummy

1.00 Edit date : 2026/01/23

Step :

1. Loosen screw M2x2L * 3 or dummy screw *2 then Tear down smart card board with FFC or dummy from unit as Pic.1&2 showing.
 - ❖ screw can not be slipped
 - ❖ Torque : $1.5 \pm 0.2\text{Kgf} \cdot \text{cm}$



Smart card board



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver 1									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

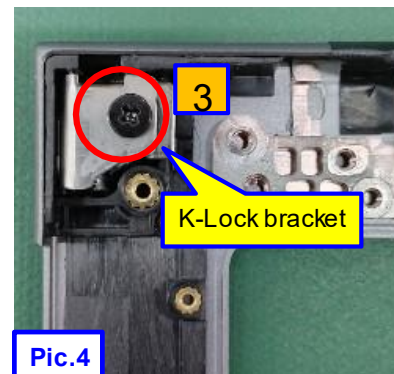
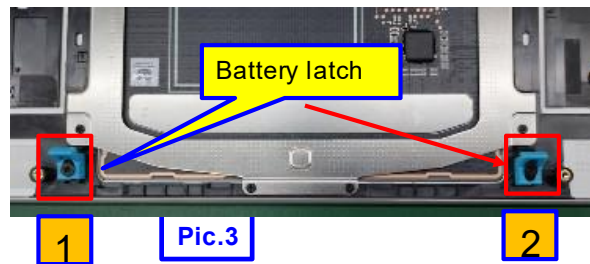
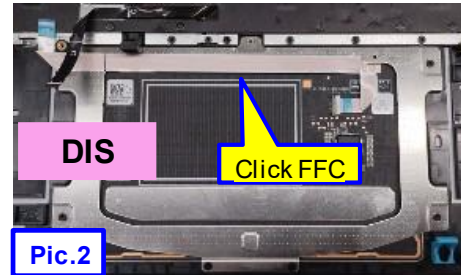
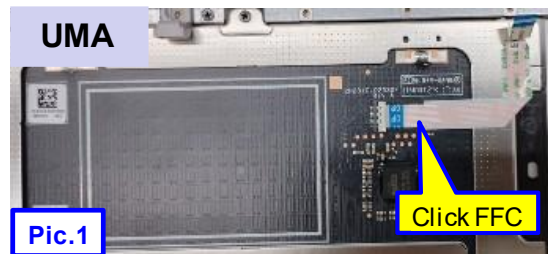
Station : 27 (1/1)

OperationName : Tear down FFC and Klock

1.00 Edit date : 2026/01/23

Step :

1. Tear down FFC from click pad connector (Pic.1&2)
 2. Loosen screw*3 and take out battery latch *2pcs and Klock bracket from C-TOP as pic.3&4.
- ❖ screw can not be slipped
 - ❖ Torque: $1.5 \pm 0.2 \text{ Kg} \cdot \text{cm}$



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver 1									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

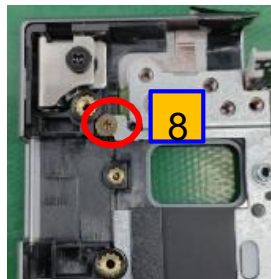
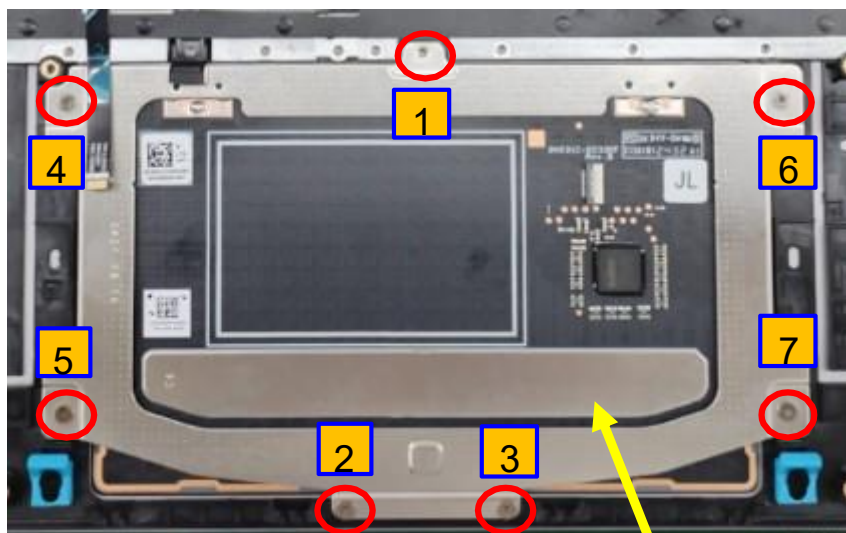
Station : 28 (1/1)

OperationName : Tear:down click pad

1.00 Edit date : 2026/01/23

Step :

1. Tear down Click pad screw M1.6*2.07pcs and KB bracket screw M.6*2.0 pcs.
- ❖ screw can not be slipped
 - ❖ Torque : $1.0 \pm 0.3\text{Kgf} \cdot \text{Cm}$.



Click pad

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver 1									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

Station : 29 (1/2)

OperationName : ~~Year~~down KB bracket

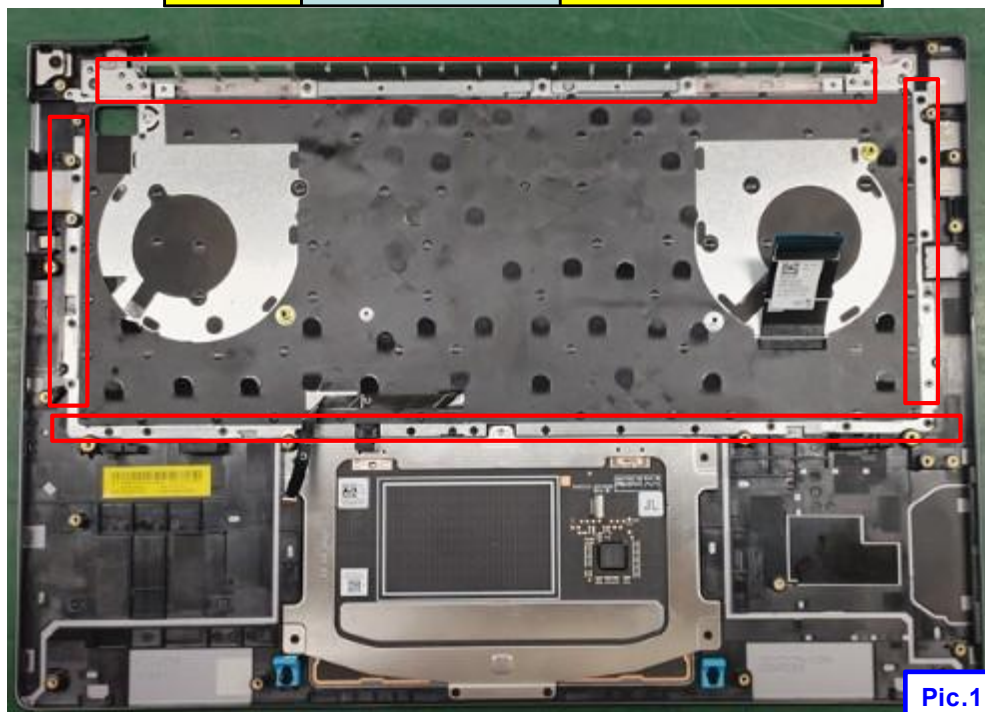
1.00 Edit date : 2026/01/23

Step :

1. Loosen KB bracket all around screw M1.6*1.8 (UMA 29s, DIS 28 pcs).

- ❖ screw can not be slipped
- ❖ Torque : $1.0 \pm 0.1\text{Kgf} \cdot \text{Cm}$.

UMA	6052B0508901	Total 29pcs screw
DIS		Total 28pcs screw



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Screw driver 1									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

Station : 29 (2/2)

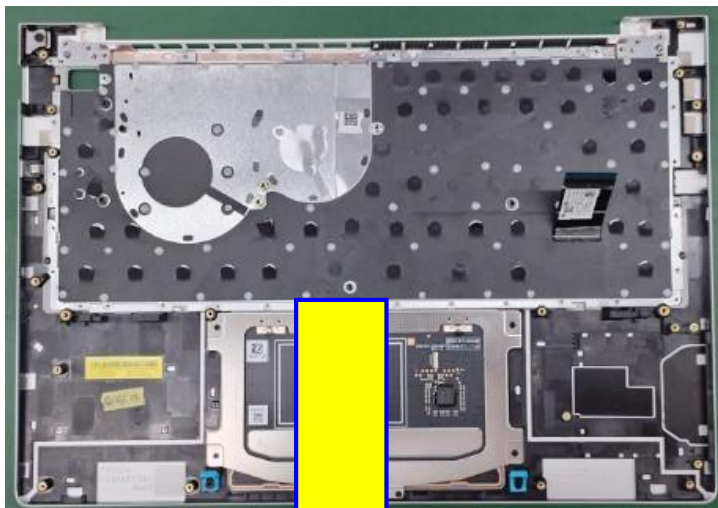
OperationName : Tear:down KB bracket

1.00 Edit date : 2026/01/23

Step :



1. Take KB bracket module from GTOF as Pic.1 & 2.



Pic.1



Pic.2

Notice: Please inform production line leader or master if you found any abnormal ..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

Station : 30 (1/1)

OperationName : Tear:down KB lattice

1.00 Edit date : 2026/01/23

Step :



1. Remove hot melt mushroom head to tear down KB lattice as Pic.1 & 2.



Pic.1



KB lattice

Pic.2

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

Station : 31 (1/1)

Operation Name : Tear:down Keyboard

1.00 Edit date : 2026/01/23

Step :

1. Tear adhesive to remove KB bracket that pasted on KB Pic.1.
2. Tear adhesive to remove graphite that pasted on KB then Tear down KB Pic.2.



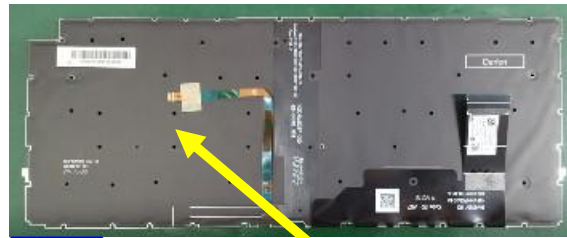
Remove KB bracket

Pic.1



Pic.2

Remove KB graphite
pasted on KB



Pic.3

Keyboard

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

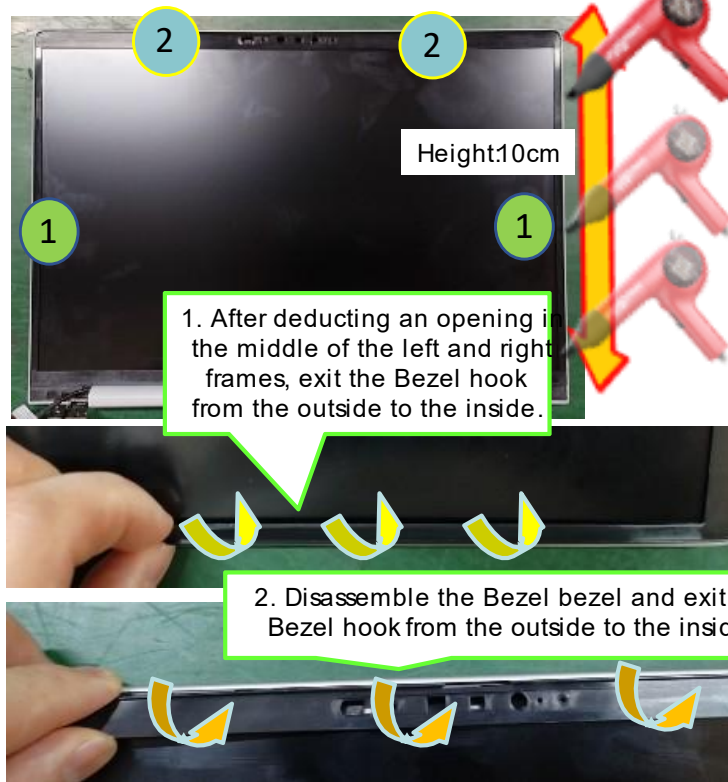
Station : 32 (1/3)

OperationName : Tear down bezel

1.00 Edit date : 2026/01/23

Step :

1. The air outlet of the hair dryer is 10cm from the vertical height of the Bezel frame, when blowing, swing while blowing, and do not heat in one position for a long time
2. Heat the surface of the bezel for 20s, and disassemble the Bezel in order 1~2.
Precautions: First of all, separate the glue first and then separate the bezel hook. Avoid pressing the panel when disassembling the bezel to prevent fragmentation.
3. Remove the Bezel left and right frames, buckle an opening in the middle of the left and right frames, and exit the Bezel hook from the outside to the inside
4. Disassemble the Bezel bezel and exit the Bezel hook from the outside to the inside.



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Hair dryer 1									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

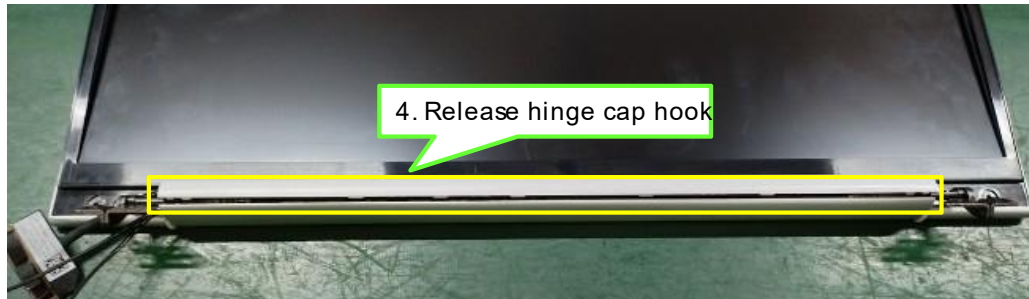
Station : 32 (2/3)

Operation Name : Tear down bezel

1.00 Edit date : 2026/01/23

Step :

- 5. Left and right bezel need to be tear until corner position.
- 6. Release hinge cap hook.



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Hair dryer 1									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : Merino & lampas 14 disassembly SOP

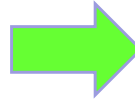
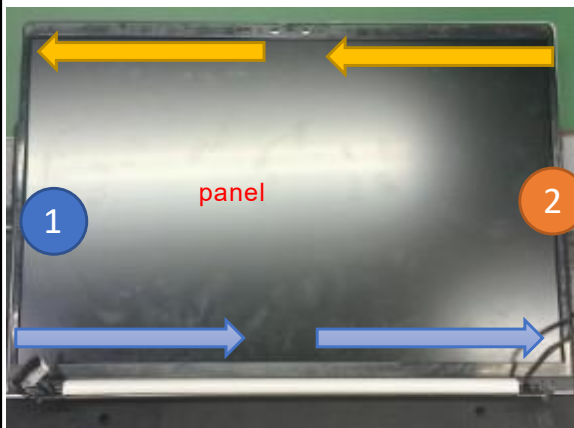
Station : 32 (3/3)

Operation Name : ~~V~~ear down bezel

1.00 Edit date : 2026/01/23

Step :

- 7..After heating the bezel 25s by 60C, then use the thickness jig Dip alcohol to separate bezel and panel disassembly priority as below showing 1~2~3~4,
Attention: First, separate bezel adhesive, and then release bezel hook. Try to avoid pressing panel to damage glass while tear down bezel.



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Thickness jig Hair dryer 1 Rubber finger cot 1	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

Station : 33 (1/1)

OperationName : ~~Use~~ Tear down bezel trim

1.00 Edit date : 2026/01/23

Step :

1. Use tweezers to disassembly L&R Bezel trim.



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
tweezer	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

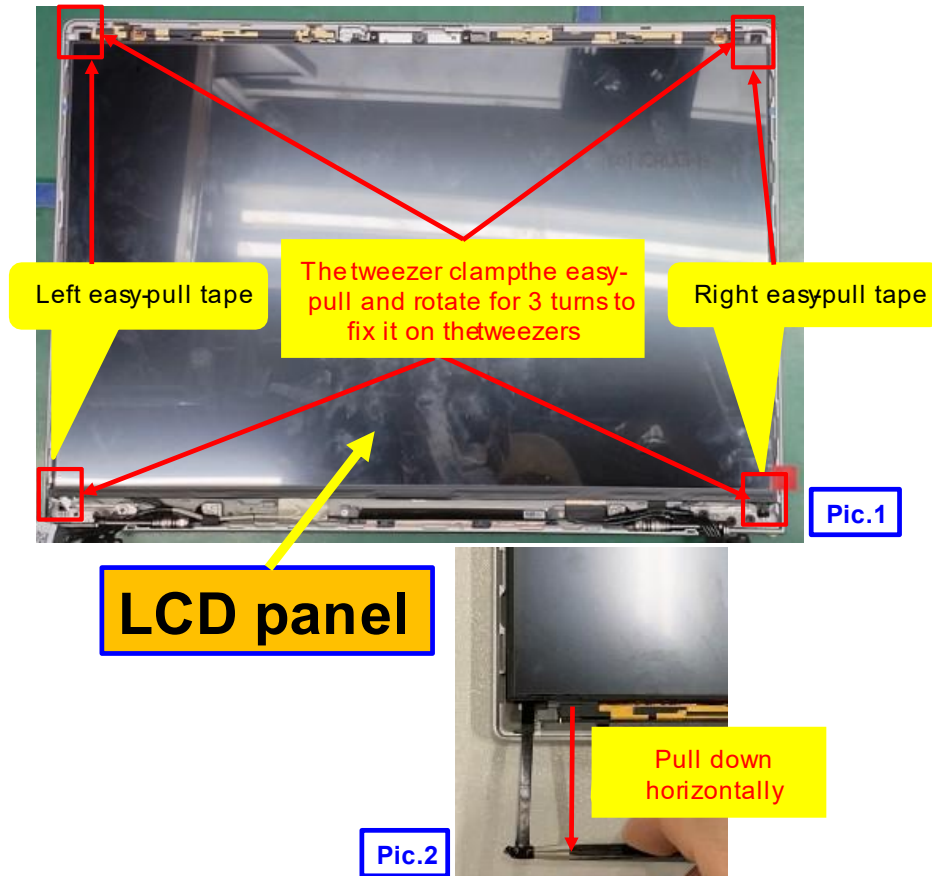
Station : 34 (1/1)

OperationName : VDisassembly panel easypulltape

1.01 Edit date : 2026/01/23

Step :

1. There were 4pcseasy-pull tapes pasted on Acover left and right side.
2. Use tweezer to clamp left easypull tapeby 3 Turns,then pull down in parallel.
3. Use the same method to disassembly other easypull tape.



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
tweezer	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

Station : 35 (1/1)

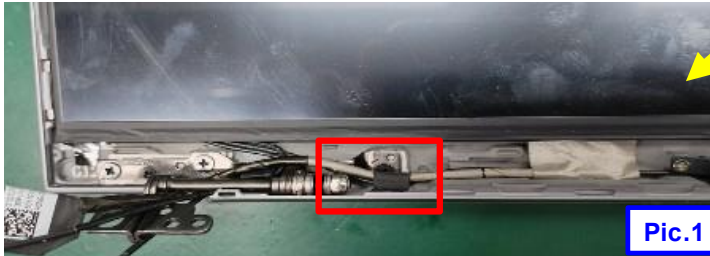
OperationName : Tear:down panel

1.00 Edit date : 2026/01/23

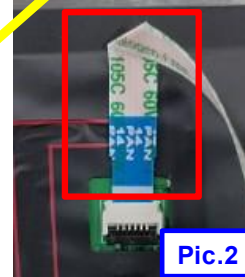
Step :

1. Tear the EDP cable out to remove panel from unit as pic.1
2. For privacy panel need to tear down privacy panel FFC pic.2
3. Tear the EDP Cable out of Panel CNTR as pic.3&4

LCD panel



Pic.1



Pic.2



Remove EDP cable

Pic.3



Remove EDP cable

Pic.4

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Quality	Order	Fixtur	Hear	Look	man	Static



Standard Operation Procedure

Document No. : disassembly SOP

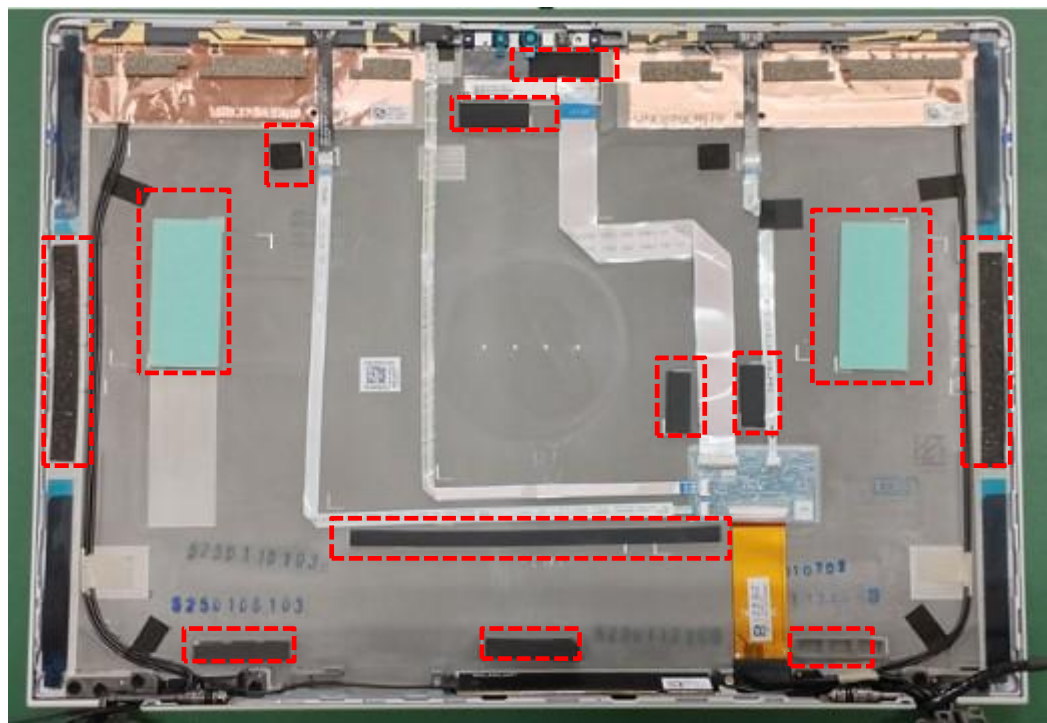
Station : 36 (1/1)

Operation Name : Disassembly Sponge& gasket

1.00 Edit date : 2026/01/23

Step :

-  1. Remove all sponge and gasket as below showing (Pic1)



Pic.1

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
									
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

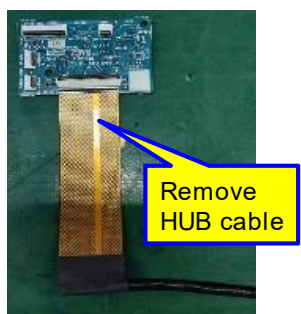
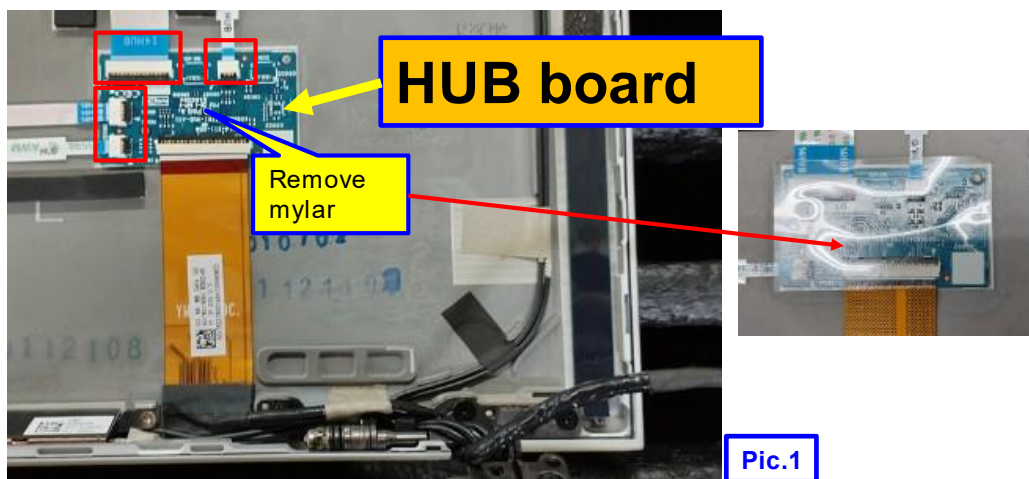
Station : 37 (1/1)

Operation Name : Disassembly FFC&HUB cable

1.00 Edit date : 2026/01/23

Step :

1. Remove mylar that pasted on HUB board.
2. Tear down Tuner FFC, camera FFC and ACS FFC from HUB board connector, then remove the HUB/B from unit that pasted on Acover. (Pic 1)
3. Remove HUB cable from connector as pic.2



Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

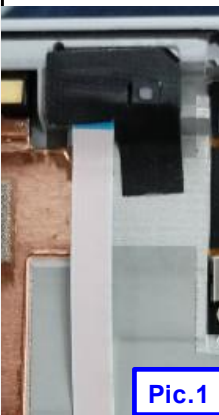
Station : 38 (1/1)

OperationName : Disassembly ACS/B and ACS FPC

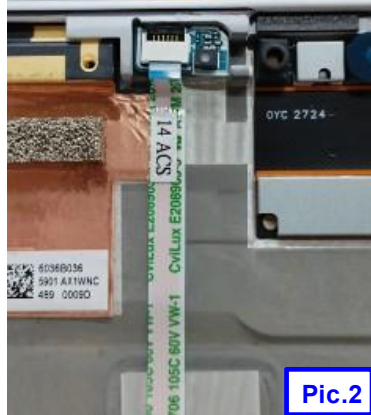
1.00 Edit date : 2026/01/23

Step :

1. Remove black gasket that pasted on ACS board or ACS FPC surface.
2. Tear down ACS Board or ACS FPC from A-cvoer



Pic.1



Pic.2



Pic.3



Pic.4

Notice: Please inform production lindeader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

Station : 39 (1/1)

Operation Name : VDisassembly Camera

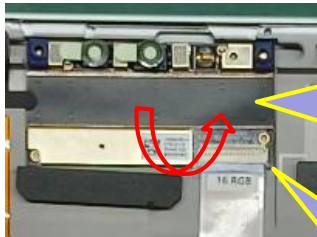
1.00 Edit date : 2026/01/23

Step :

1. Tear the camera out of the Acover .



1. Tear down FFC tape



2. Insert the tool between the lower side of the camera and the Acover
3. slide the harness across the underside of the camera to separate the glue from the Acover (Disassemble the lower part of the camera)



3. Rotate the lower part of the camera up
4. Insert the tool between the lower side of the camera and the Acover (partially disassemble camera head)
5. Remove the camera from the Acover with both hands

Camera

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
Disassemble camera auxiliary fixture	1								
		Safe	Quality	Order	Fixture	Hear	Look	Manual	Static



Standard Operation Procedure

Document No. : disassembly SOP

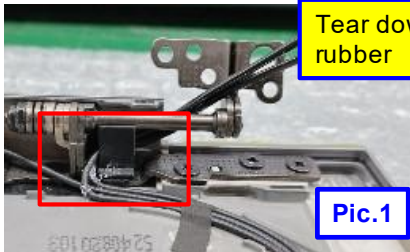
Station : 40 (1/1)

OperationName : ~~V~~ear:down rubber

1.00 Edit date : 2026/01/23

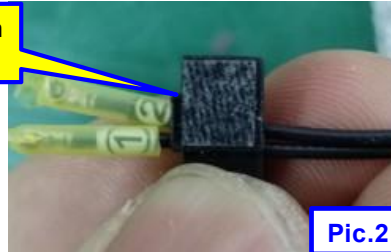
Step :

1. For WWAN: tear down rubber that pasted on Hinge for fix antenna .

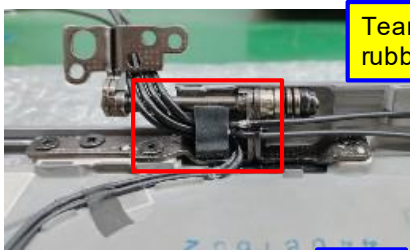


Tear down
rubber

Pic.1

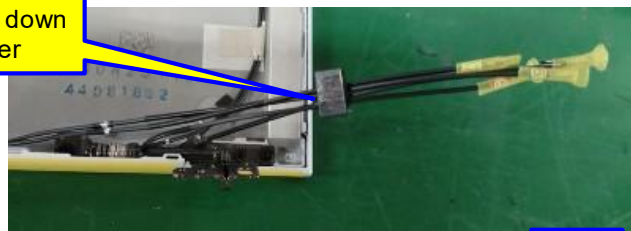


Pic.2



Tear down
rubber

Pic.3



Pic.4

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : disassembly SOP

Station : 41 (1/1)

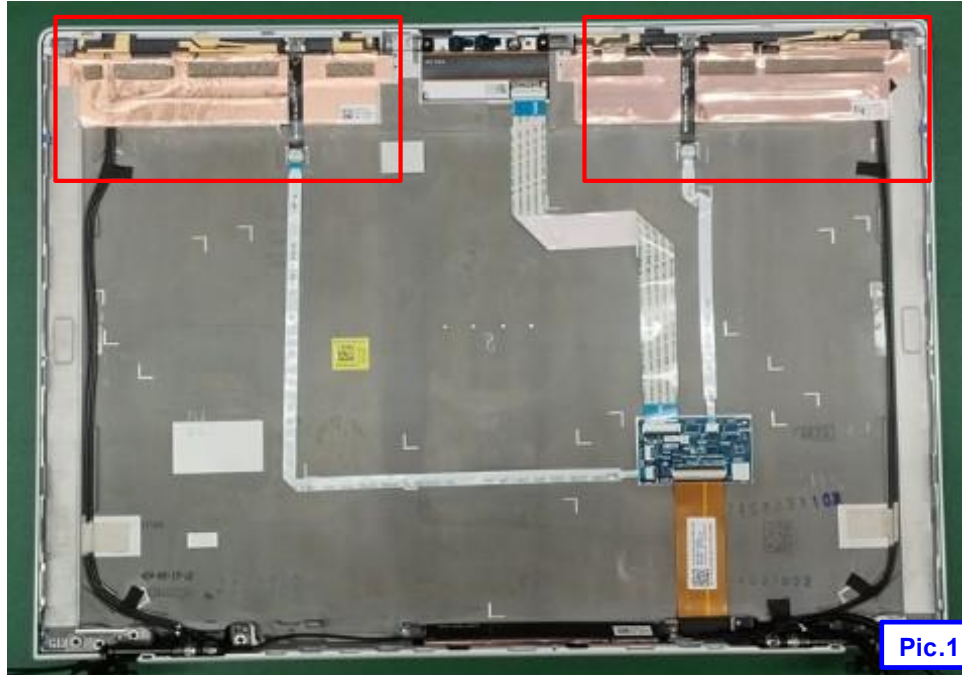
OperationName : Tear:down all the antenna

1.00 Edit dab : 2026/01/23

Step :

1. Loosen 2pcs M1.6*2.5 screw that fixed antenna 7.
2. Frist separate adhesive then tear down all the antenfram A-cover.

Torque : $1.0 \pm 0.2 \text{Kgf} \cdot \text{cm}$



Pic.1



Pic.2

Notice: Please inform pduction lindeader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
screw driver	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document

disassembly SOP

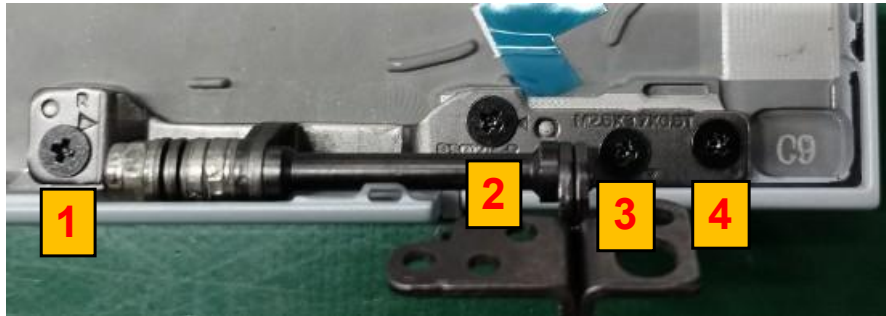
Station : 42 (1/1)

Operation Name : Tear down Hinge

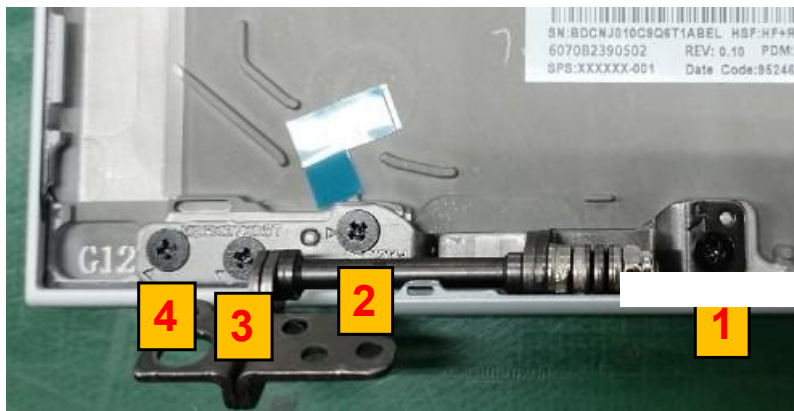
1.00 Edit date : 2026/01/23

Step :

1. Loosen left and right Hinge screw M2.5*3.5 8pcs to tear down Hinge from cover.
❖ Torque : $3.2 \pm 0.3\text{Kgf} \cdot \text{cm}$



Pic.1



Pic.2

Notice: Please inform production line leader or master if you found any abnormal..

Fixture list (Spec.)	Qty	Symbol							
screw driver	1								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic