



Product End-of-Life Disassembly Instructions

Product Category: Notebooks

Marketing Name / Model

[List multiple models if applicable.]

Name / Model #1 HP EliteBook 840 14 inch G11 Notebook PC

Name / Model #2 HP EliteBook 840 G11

Name / Model #3 HP ZBook Firefly 14 inch G11 Mobile Workstation PC

Name / Model #4 HP ZBook Firefly 14 inch G11

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: I/O Board PCA, touch pad PCA, Smart Card (3pcs)	7
Batteries, excluding Li-Ion batteries. This includes standard alkaline, coin or button style batteries	☒ RTC/CMOS battery ☐ Others: _____	1
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 _____	1
Mercury-containing components. For example, mercury in lamps, display backlights, scanner lamps, switches, batteries		0

Item Description	Components and parts requiring selective treatments	Quantity of items included in product
Liquid Crystal Displays (LCD) with a surface greater than 100 sq cm. Includes background illuminated displays with gas discharge lamps	☒ Panel LCD	1
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)
Screw driver	number#1
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. Follow steps described in each operation name of disassembly instruction in 3.2 section.
2. If parts can be removed without using a tool, remove it first
3. Use correct screwdriver and torque value before unlock the screw

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 \(hp.com\)](#)

Sub-assembly name:	HP EliteBook 840 G11 disassemble SOP		
Document No.:	HP EliteBook 840 G11 disassemble SOP		
Written by:	Chang. yong	Revision:	1.00
Date:	2024/1/8	Page:	1 of 48

Station	Version	Station	Version	Station	Version	Station	Version	Station	Version	Station	Version
1	1.00	11	1.00	21	1.00	31	1.00				
2	1.00	12	1.00	22	1.00	32	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. : HP EliteBook 840 G11 disassembly SOP

Station : 1(1/1)

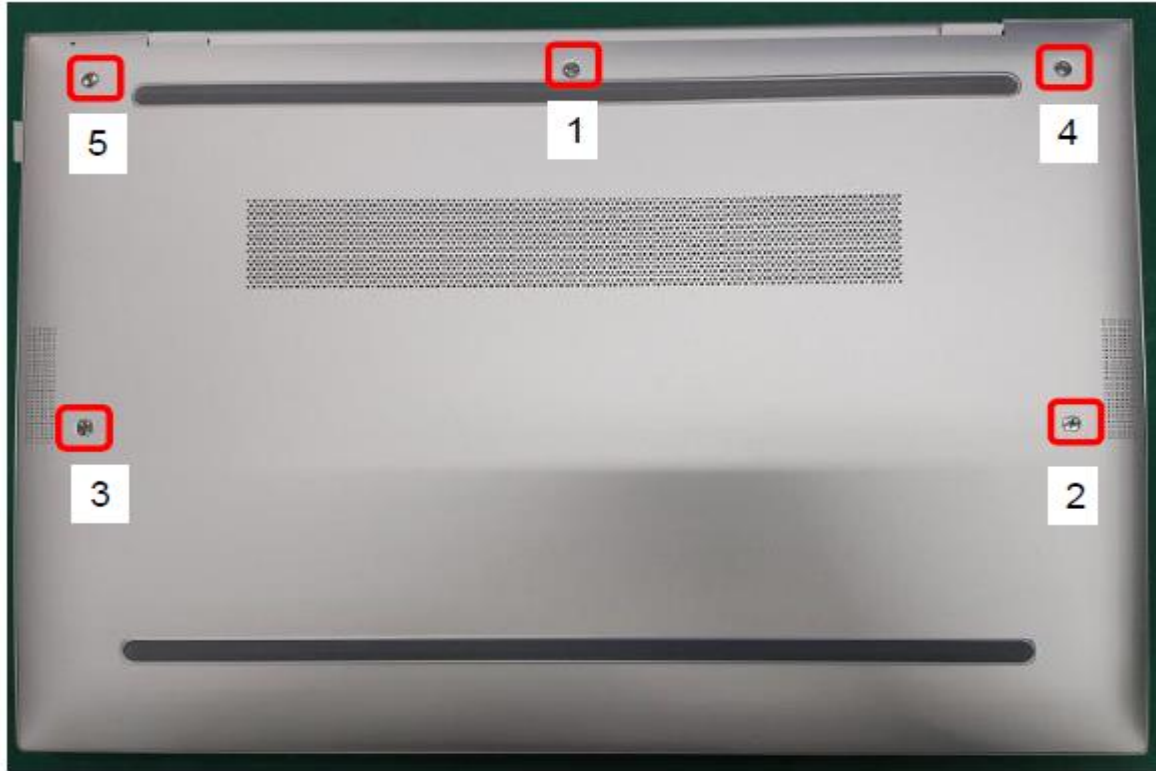
Operation Name : Release Base screws

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Loosen Base screw *5pcs 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	Fix ture	Hear	Look	man ual	Sta tic



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 2(1/2)

Operation Name : Disassembly BASE

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Use cable jig to separate Base from unit.
Attention: Insert jig to TOP & Base gap area, then slide jig to separate TOP & Base.
2. Put hands on Base and TOP corner area, handle Base lift it up while press TOP down.
3. Take away the Base from unit.



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

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



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

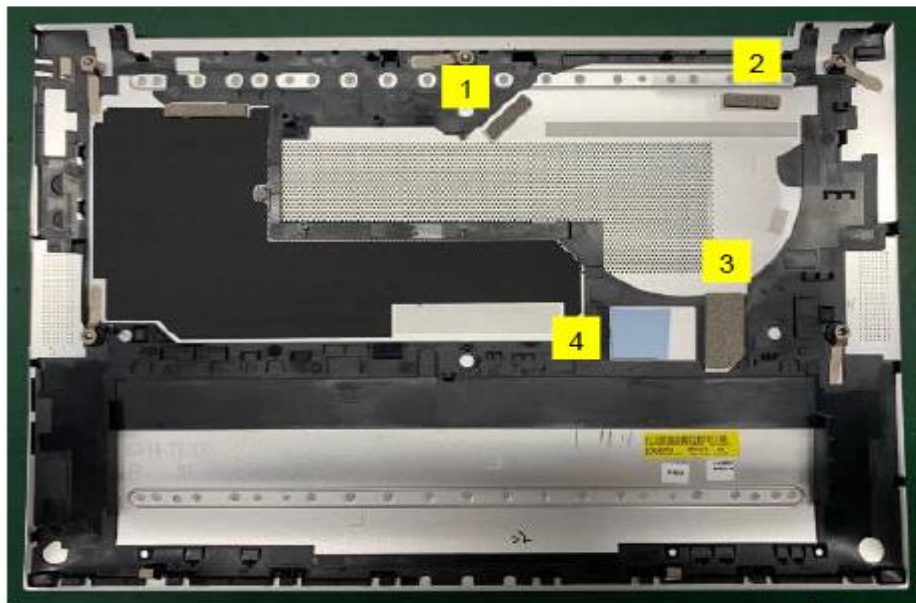
Station : 2(2/2)

Operation Name : Disassembly BASE

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. For WWAN unit, take down 3pcs EMI gasket 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



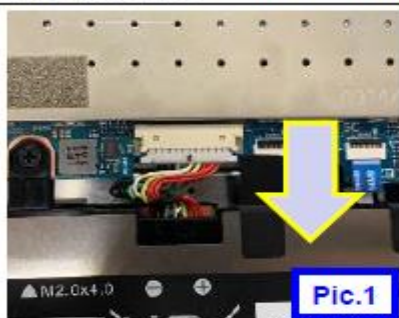
Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 3(1/1)

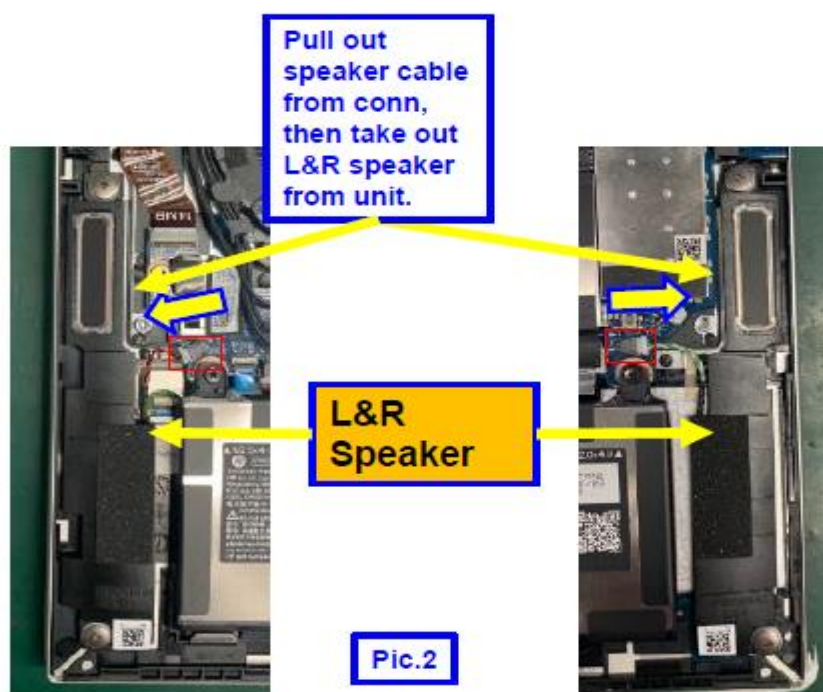
Operation Name : Disassembly speaker

Ver. : 1.00 Edit date : 2024/01/08



Step :

1. Pullout battery cable from connector as Pic.1.
 2. Loosen L&R speaker screw *4pcs (6052B0156301) as below picture showing
 3. Pullout speaker cable from connector as Pic.2
 4. 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. : HP EliteBook 840 G11 disassembly SOP

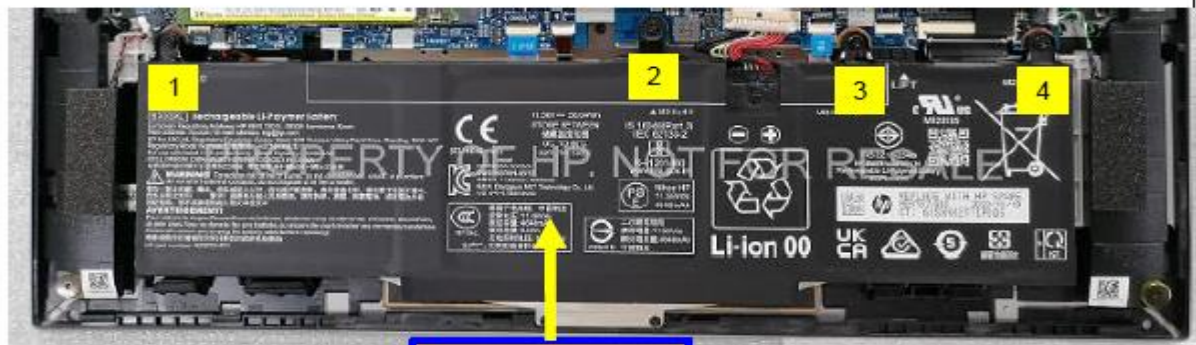
Station : 4(1/1)

Operation Name : Disassembly battery

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Loosen Battery screw *4pcs as below picture showing. (6052B0081901*4)
❖ Torque : 1.5 ± 0.2 kgf.cm
❖ screw can not be slipped.
2. Take out battery from unit.



Battery

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. : HP EliteBook 840 G11 disassembly SOP

Station : 5(1/1)

Operation Name : Disassembly DDR&SSD shielding can Ver. : 1.00 Edit date : 2024/01/08

Step : For WWAN SKU



1. Take down SSD thermal pad from unit.(6054B1159301 *1) (pic.1)
thermal pad on the corresponding position of D-base part.
2. Hold pull tape on SSD/DDR shielding to lift, then take down
DDR&SSD shielding can from unit. (pic. 2)

Pic.1



Pull tape

Pull tape

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. : HP EliteBook 840 G11 disassembly SOP

Station : 6(1/1)

Operation Name : Take down DDR 、 EDP cable 、 WLAN cable Ver. : 1.00 Edit date : 2024/01/08

UMA



Pic.1

Step :



1. Take down EDP cable and WLAN antenna cable from unit as PIC.1~3 showing.



2. Take down DDR from unit as PIC.4 showing.

DIS



Pic.2

UMA



DIS



Pic.3

DDR



Pic.4

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

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



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 7(1/2)

Operation Name : Take down Camera Cable

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Hold pull tape to lift, then take down Camera cable from conn. Take out cable from hook . (Pic.1&2)

UMA



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. : HP EliteBook 840 G11 disassembly SOP

Station : 7(2/2)

Operation Name : Take down Camera Cable

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Hold pull tape to lift, then take down Camera cable from conn. Take out cable from hook . (Pic.1)

DIS



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. : HP EliteBook 840 G11 disassembly SOP

Station : 8(1/1)

Operation Name : Take down WWAN Antenna Cable

Ver. : 1.00

Edit date : 2024/01/08

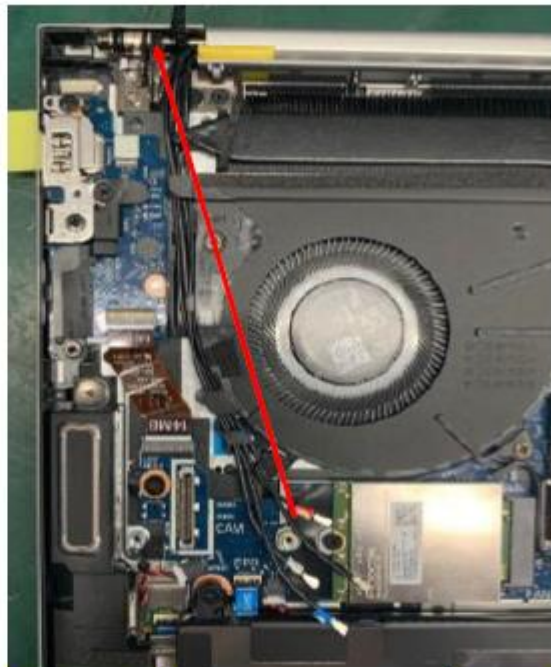
Step :

1. Take down WWAN Antenna Cable from unit. (Pic.1&2)



Long card

Pic.1



Short card

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



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 9 (1/1)

Operation Name : Take down hinge screw from C part Ver. : 1.00 Edit date : 2024/01/08



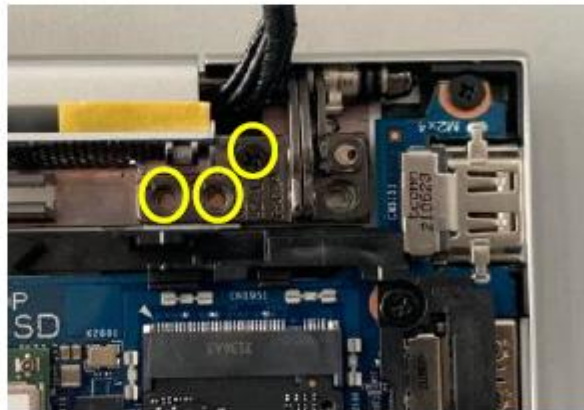
Pic.1

Step :

1. Open LCD to 160 degree. (Pic.1)
2. Loosen screw *6pcs 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. Take 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

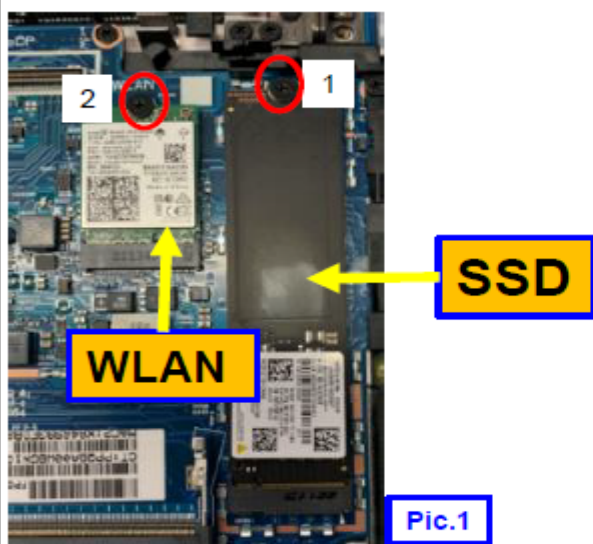
Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 10 (1/1)

Operation Name : Take down SSD/WLAN/WWAN card Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Loosen screw *3 (Pic.1)
 - ❖ Torque : 1.5 ± 0.2 kgf.cm
 - ❖ screw can not be slipped
2. Take down SSD/WLAN/WWAN card from unit.(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	Quality	Order	Fix tur e	Hear	Look	man ual	Sta tic



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

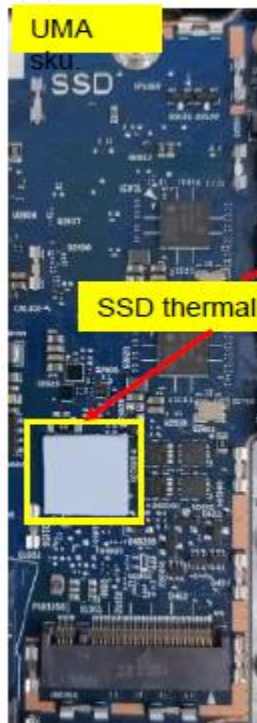
Station : 11 (1/1)

Operation Name : Take down mylar and thermal pad

Ver. : 1.00 Edit date : 2024/01/08

Step :

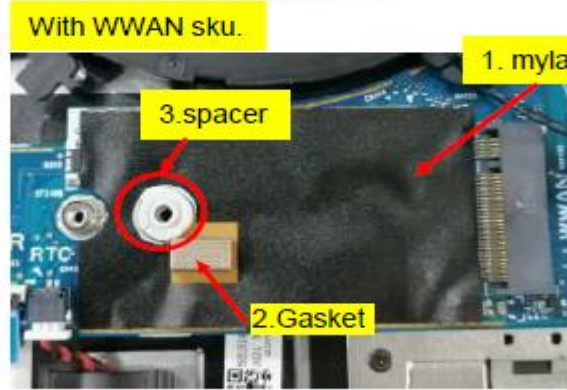
1. Take down SSD thermal pad from unit as PIC.1&2
For WWAN SKU
2. Take down short circuit mylar and gasket from unit as PIC.3
3. Take down spacer that fixed WWAN short card from unit as PIC.3



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	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

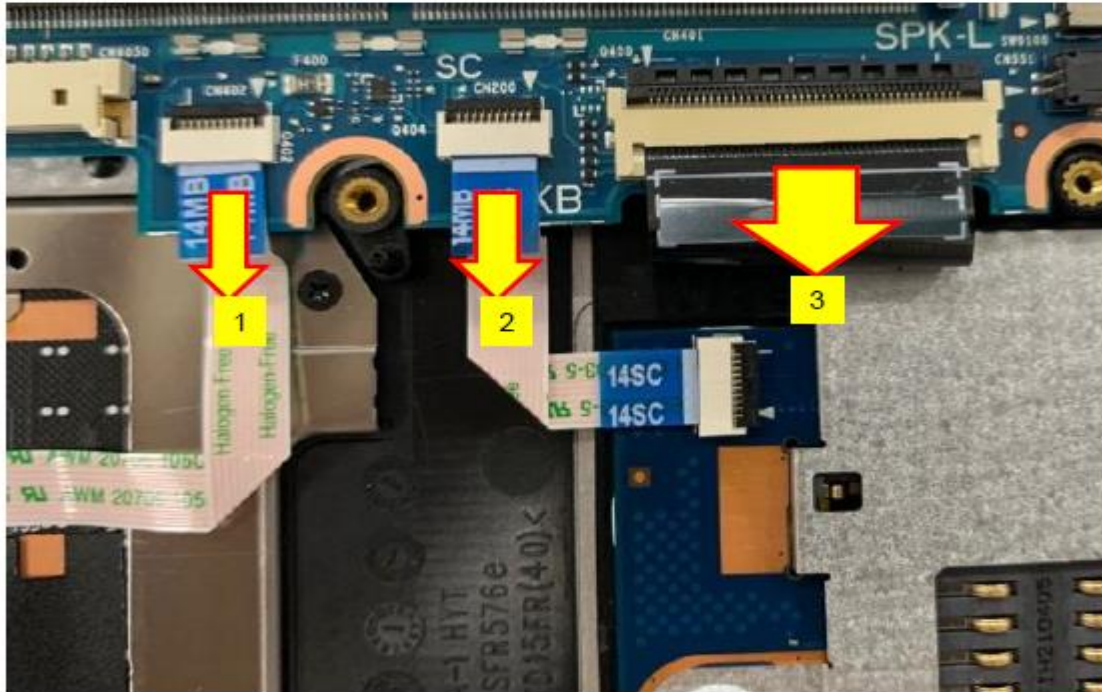
Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 12(1/1)

Operation Name : Take down Click pad/Smart card/KB FFC Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Take down Click pad FFC , smart Card FFC and K/B membrane 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	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 13(1/1)

Operation Name : Take down FR/NFC FFC/K/B B/L FFC Ver. : 1.00 Edit date : 2024/01/08

Step :



1. Take down Finger print FFC, NFC FFC and K/B B/L FFC 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	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 14(1/1)

Operation Name : Take down NFC

Ver. : 1.00 Edit date : 2024/01/08

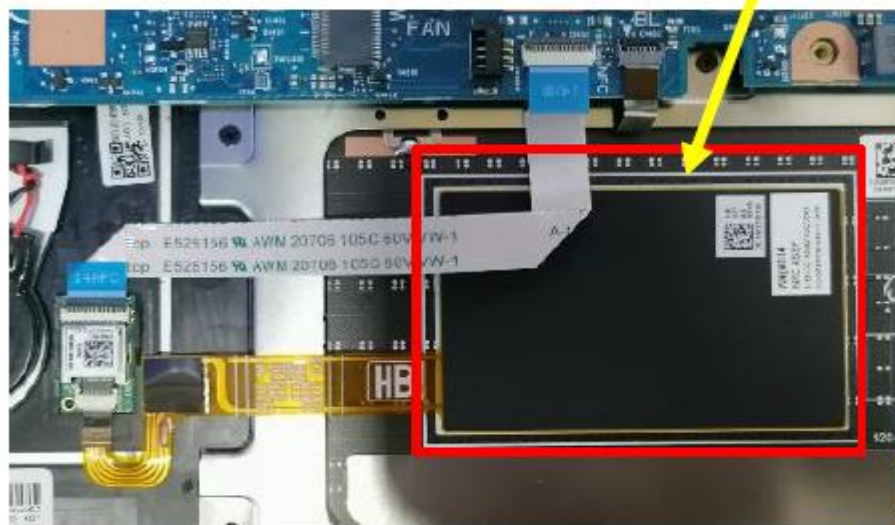
Step :

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



Pic.2

NFC module and antenna



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. : HP EliteBook 840 G11 disassembly SOP

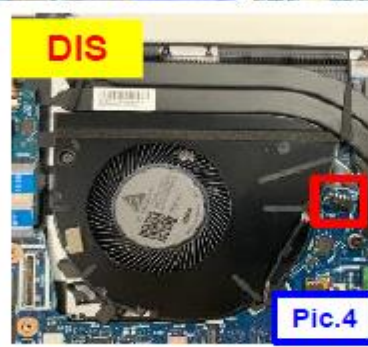
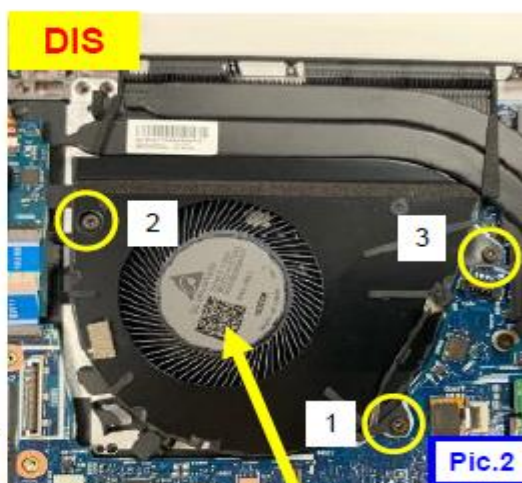
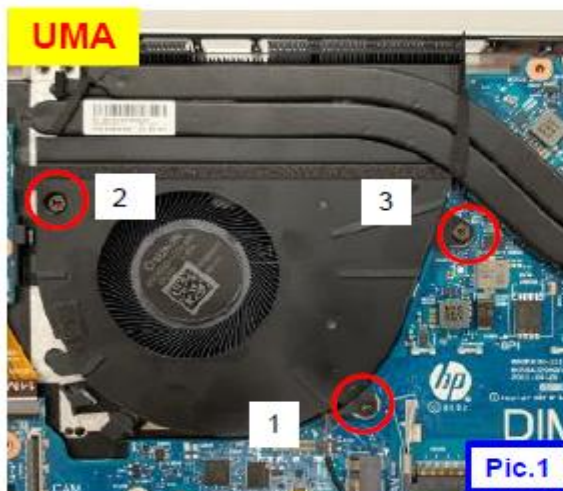
Station : 15(1/1)

Operation Name : Take down FAN screw

Ver. : 1.00 Edit date : 2024/01/08

Step :

- 1 take down FAN Screw (fixed on module) * 3. (Pic.1&2)
❖ screw can not be slipped : Torque : $1.5 \pm 0.2\text{Kgf} \cdot \text{cm}$
- 2 take down FAN cable from connector. (PIC.3&4)



FAN

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

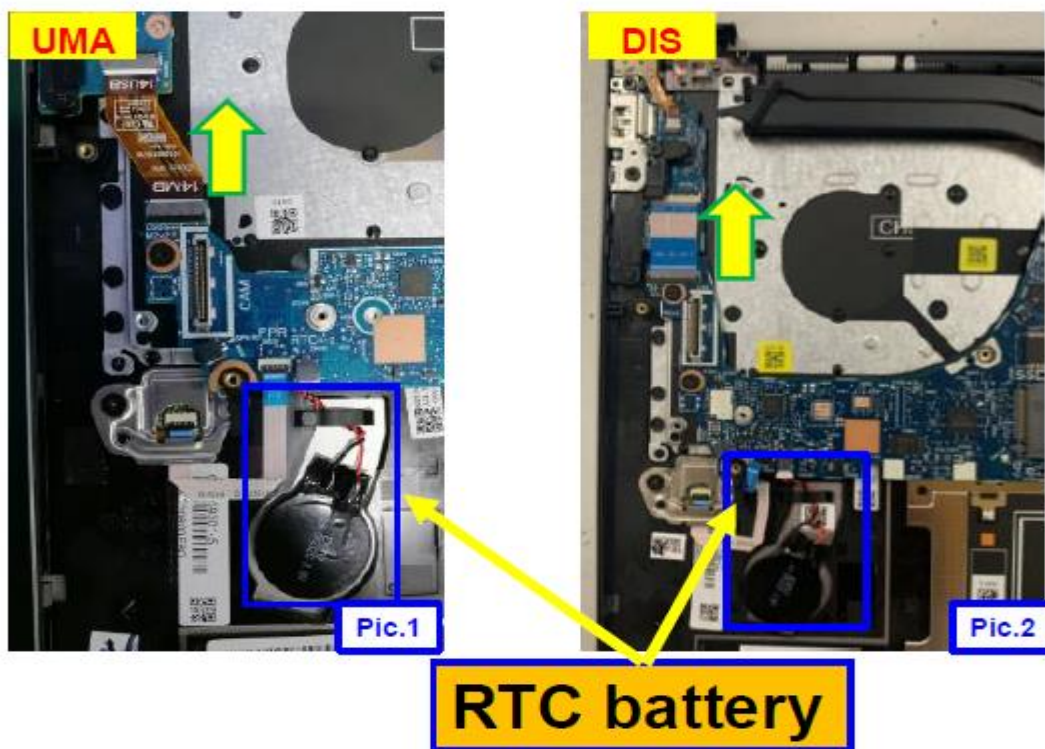
Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 16(1/1)

Operation Name : Take down USB FFC and RTC battery Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Take down USB/B FFC and RTC battery from unit as Pic.1 & 2 showing.



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. : HP EliteBook 840 G11 disassembly SOP

Station : 17(1/2)

Operation Name : Take down M/B screw and IO frame Ver. : 1.00 Edit date : 2024/01/08

Step :



1. Loosen screw M2x4L * 5 (Pic.1)

❖ screw can not be slipped

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



2. Take down left IO Frame .

14P/14W UMA



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

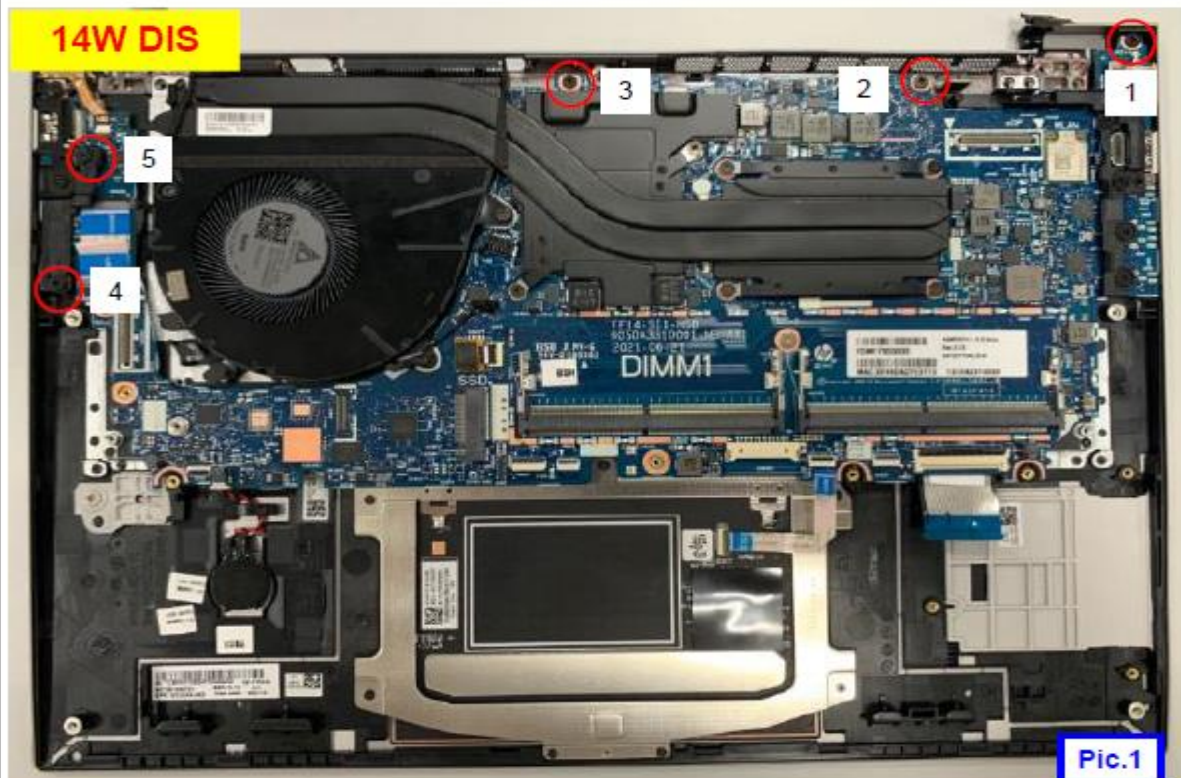
Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 17(2/2)

Operation Name : Take down M/B screw and IO frame Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Loosen screw M2x4L * 5 (Pic.1)
 - ❖ screw can not be slipped
 - ❖ Torque : $1.5 \pm 0.2\text{Kgf} \cdot \text{cm}$
2. Take down left IO Frame.



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. : HP EliteBook 840 G11 disassembly SOP

Station : 18(1/2)

Operation Name : Take down M/B screw

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Take down M/B screw M2x2L *2 (pic.1)
- ❖ screw can not be slipped
 - ❖ Torque : $1.5 \pm 0.2\text{Kgf} \cdot \text{cm}$

14P/14W UMA



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. : HP EliteBook 840 G11 disassembly SOP

Station : 18(2/2)

Operation Name : Take down M/B screw

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Take down M/B screw M2x2L (6052B0388301) * 3 (pic 1)
- ❖ screw can not be slipped
 - ❖ Torque : $1.5 \pm 0.2\text{Kgf} \cdot \text{cm}$

14W DIS



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. : HP EliteBook 840 G11 disassembly SOP

Station : 19(1/1)

Operation Name : Take down screw and IO frame

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Take down Frame screw M2x4L * 4 (Pic 1)

❖ screw can not be slipped

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

2. Take down right IO Frame



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. : HP EliteBook 840 G11 disassembly SOP

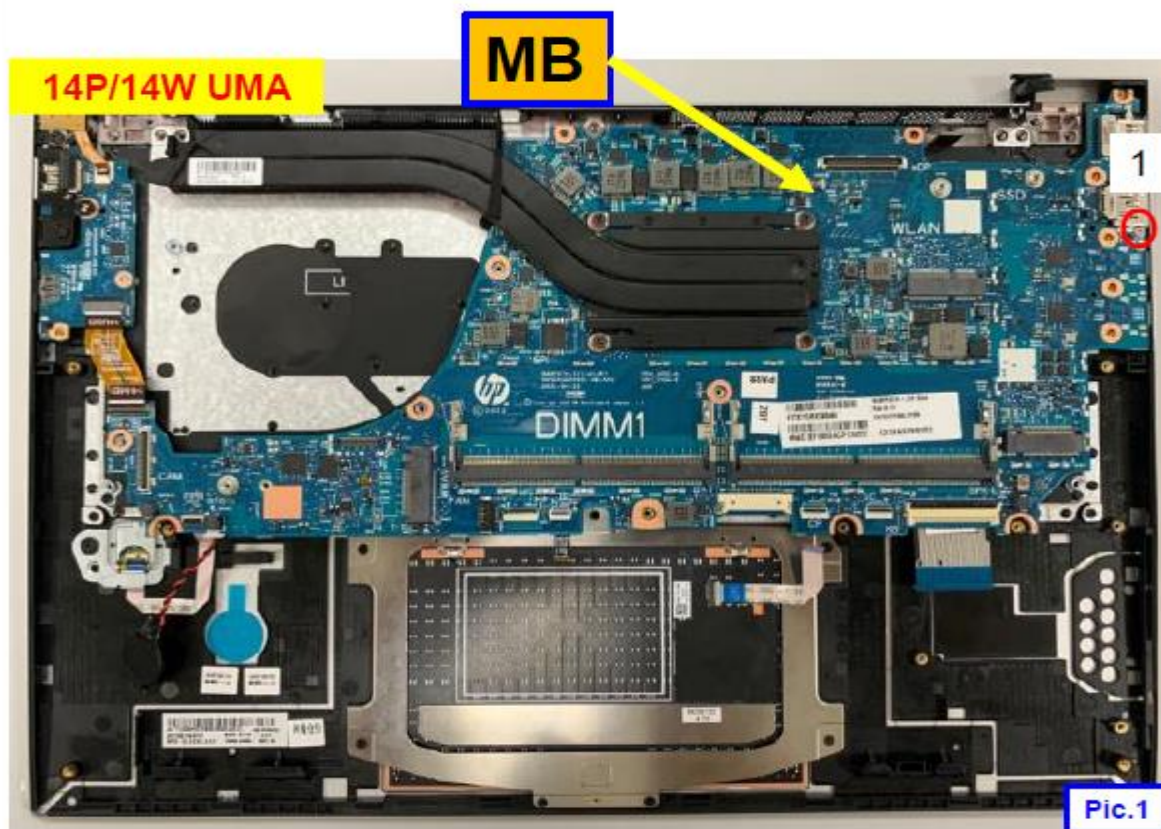
Station : 20(1/2)

Operation Name : Take down M/B

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Take down M/B screw M1.6 x L4 *1.
 2. Take 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	Quality	Order	Fix tur e	Hear	Look	man ual	Sta tic



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 20(2/2)

Operation Name : Take down M/B

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Take down screw M1.6 x L4 *1.
 2. Take 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. : HP EliteBook 840 G11 disassembly SOP

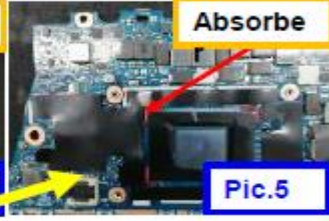
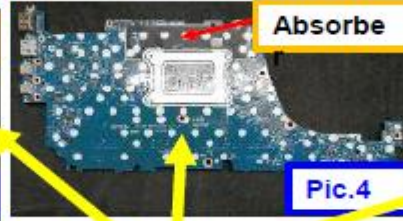
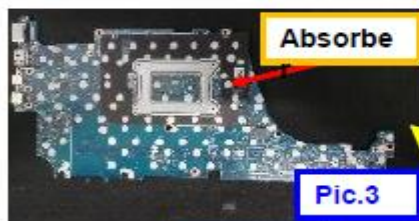
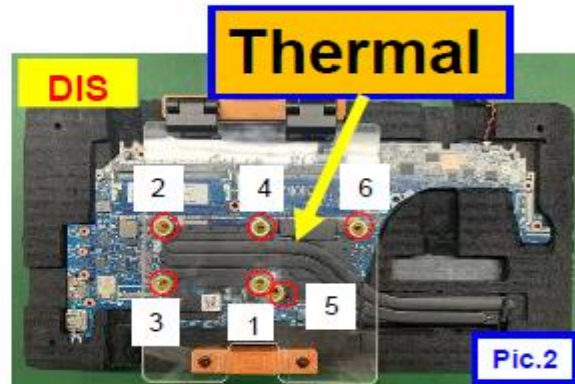
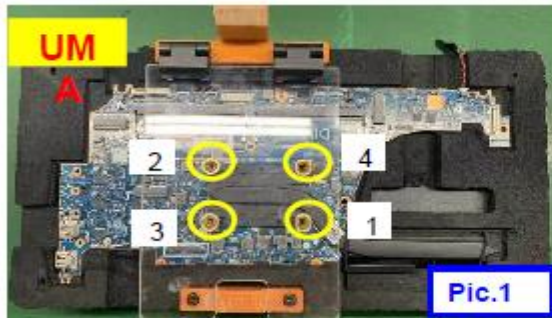
Station : 21(1/1)

Operation Name : Take down Thermal and absorber

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Put the MB into the thermal support fixture, loosen screw that fixed on thermal, then take down thermal. (Pic.1&2)
2. Take down absorber from unit that pasted on MB for RF solution as PIC.3~6
 - ◆ Pay attention to the right way of taking thermal/check whether the fin has transformation.
 - ◆ torque : $1.5 \pm 0.2\text{Kgf} \cdot \text{cm}$



MB

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	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 22(1/2)

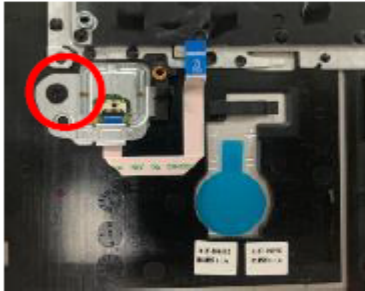
Operation Name : Take down Finger Print and Dummy Finger

Ver. : 1.00

Edit date : 2024/01/08

Step :

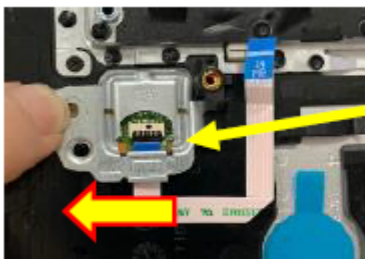
1. Take down screw M2.0 * L2.0*1 that fixed finger print or dummy.(Pic.1&2)
 - ❖ screw can not be slipped
 - ❖ Torque : $1.5 \pm 0.2\text{kgf} \cdot \text{cm}$
2. Take down Finger Print, bracket, finger FFC or dummy Finger from unit.



Pic.1



Pic.2



Pic.3

Finger print

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. : HP EliteBook 840 G11 disassembly SOP

Station : 22(2/2)

Operation Name : Take down Smartcard/B or Dummy

Ver. : 1.00 Edit date : 2024/01/08

Step :

For Smartcard/B



1. Loosen screw M2x2L * 3, then take down smart card board from unit as Pic.1 showing.

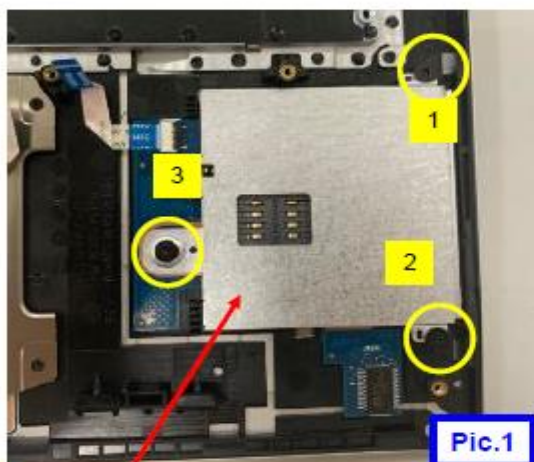
❖ screw can not be slipped

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

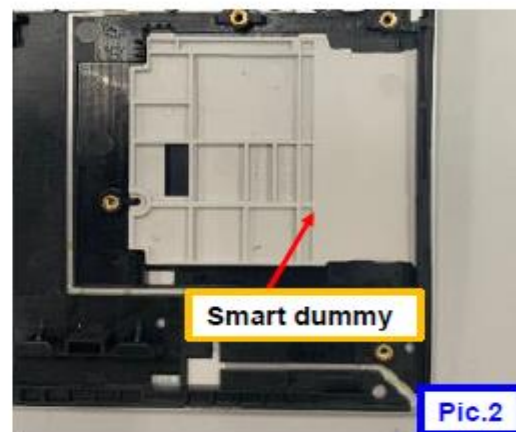
For Smartcard Dummy



1. Separate adhesive to take down smart dummy from unit as PIC.2 showing.



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. : HP EliteBook 840 G11 disassembly SOP

Station : 23(1/1)

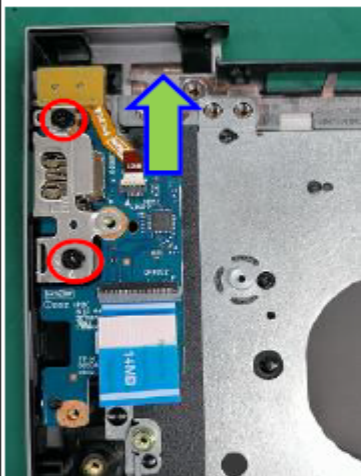
Operation Name : Take down USB/B, Audio FPC, bracket

Ver. : 1.00

Edit date : 2024/01/08

Step :

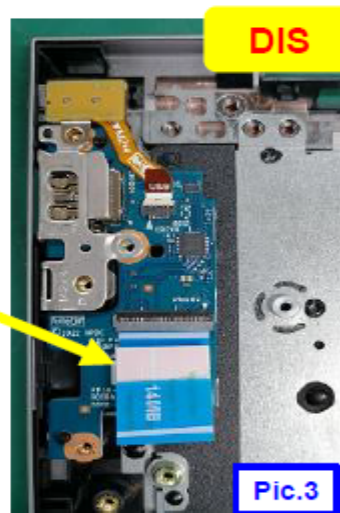
1. Plug out Audio FPC from connector as Pic.1
2. Take down screw M2.0 x 4.0L * 2 (Pic1)
 - ❖ screw can not be slipped
 - ❖ Torque : $1.5 \pm 0.2\text{Kgf} \cdot \text{cm}$
3. Take down Audio FPC, k-lock bracket and USB board from unit as Pic.2~3.



Pic.1



Pic.2



Pic.3

USB 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

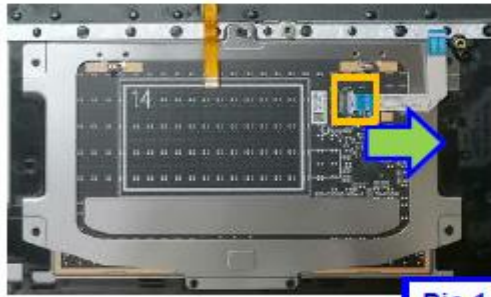
Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 24(1/1)

Operation Name : Take down FFC and screw

Ver. : 1.00 Edit date : 2024/01/08

Step :



Pic.1



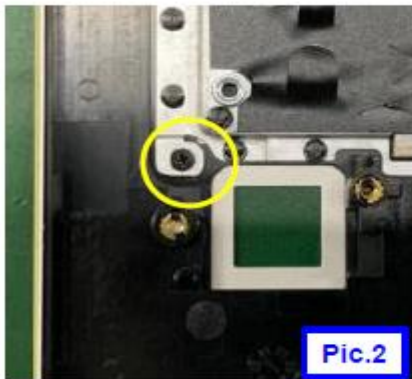
1. Take down FFC from click pad connector(Pic.1)



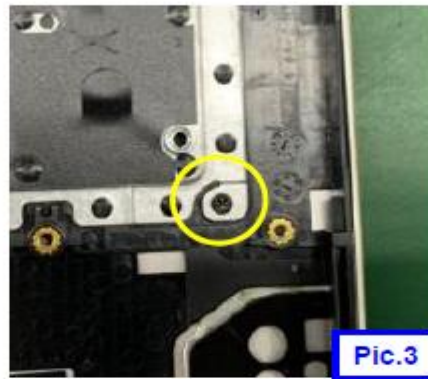
2. Take down KB BTKT screw (6052B0508901) *2 (pic2)

❖ screw can not be slipped

❖ Torque : 1.0 ± 0.2 Kgf . cm



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								
		Safe	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 25(1/1)

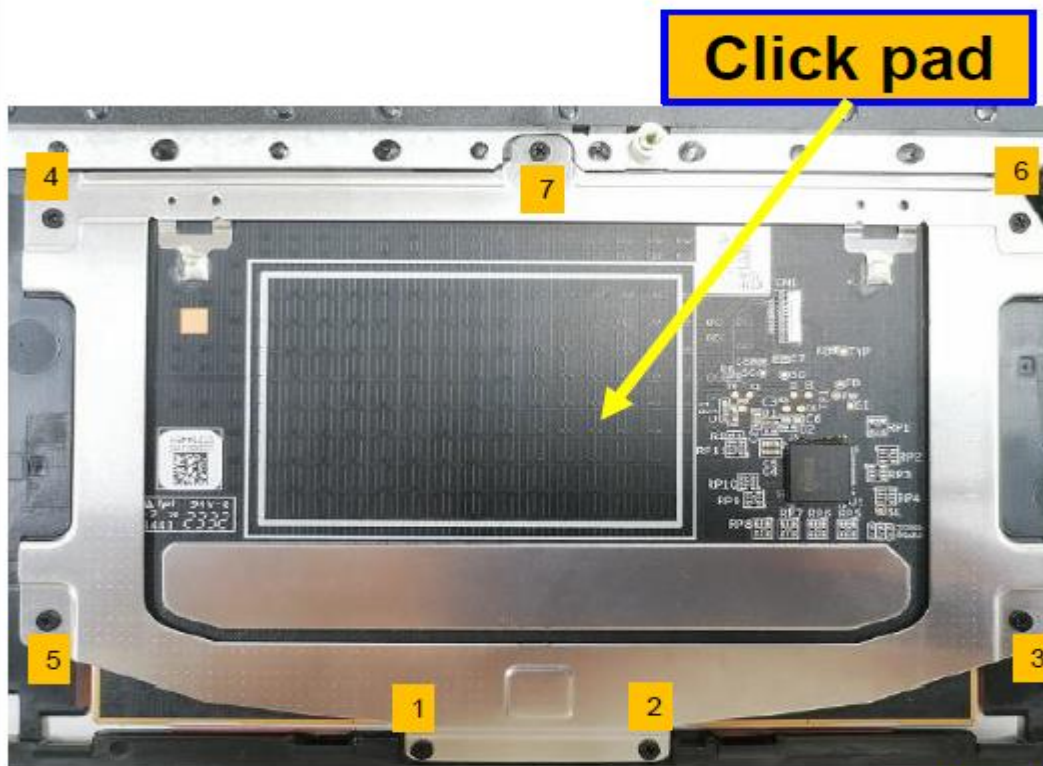
Operation Name : Take down click pad

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Take down Click pad screw (6052B0508901) * 7

- ❖ screw can not be slipped
- ❖ Torque : $1.0 \pm 0.3\text{Kgf} \cdot \text{cm}$



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. : HP EliteBook 840 G11 disassembly SOP

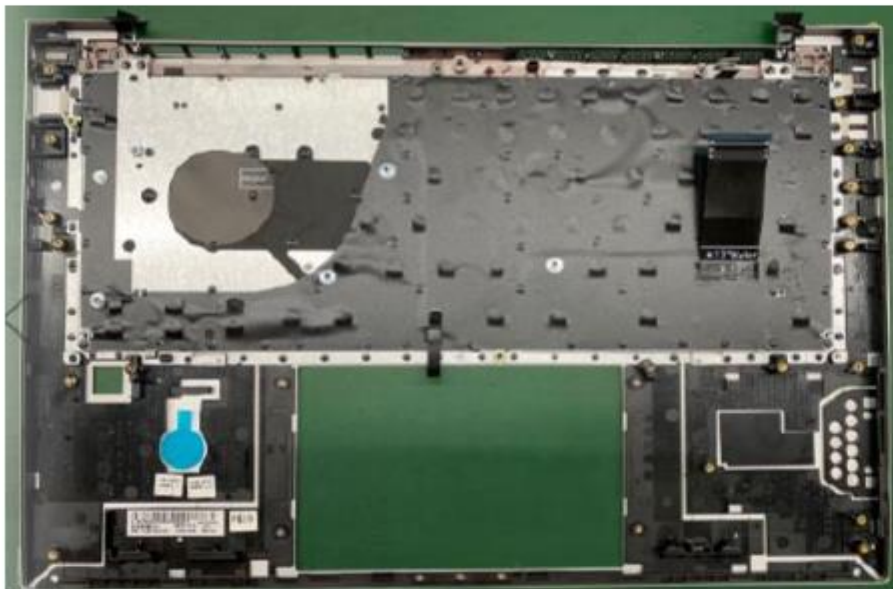
Station : 26(1/1)

Operation Name : Take down KB bracket

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Remove hot melt mushroom head before take down KB bracket 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	Quality	Order	Fix tur e	Hear	Look	man ual	Sta tic



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 27(1/1)

Operation Name : Take down Keyboard

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Tear adhesive to remove graphite that pasted on KB, then take down KB from C-TOP as Pic.1~4.



Pic.1



Pic.2

Keyboard



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. : HP EliteBook 840 G11 disassembly SOP

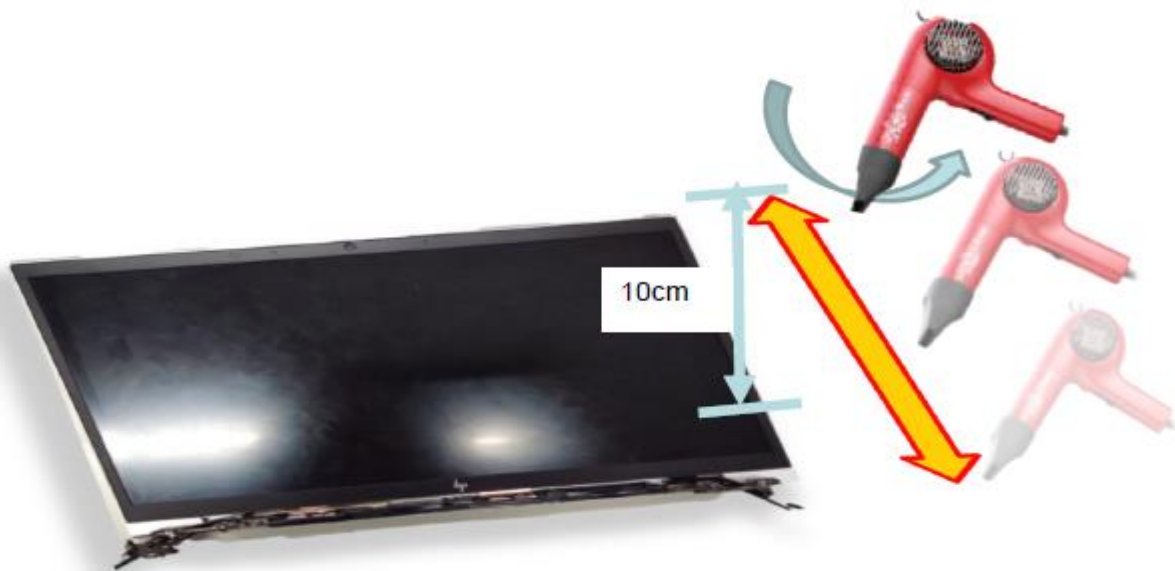
Station : 28(1/2)

Operation Name : Take down bezel

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Hair dryer need to be around 10cm from B-cover.
2. When blowing, need to swing and moving along bezel together. Not focus on single spot to keep blowing.



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

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



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 28(2/2)

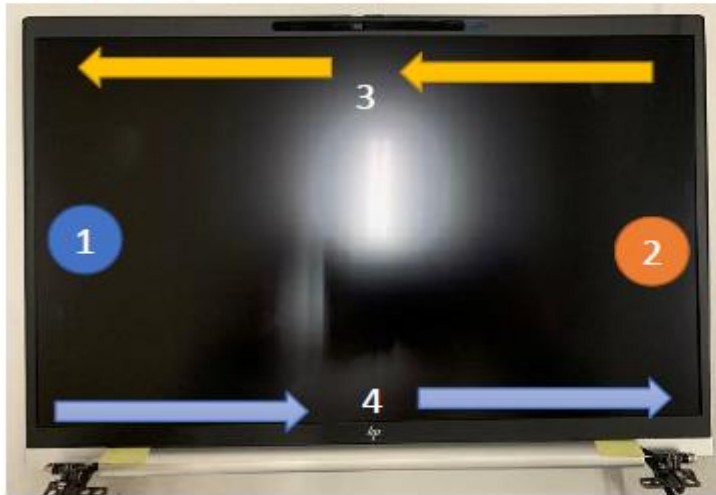
Operation Name : Disassembly Bezel-2

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. After heating the bezel 25s by 60 °C, then use the thickness jig 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 1								
		Safe	Quality	Order	Fix tur e	Hear	Look	man ual	Sta tic



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 29(1/1)

Operation Name : Take down Hinge cap

Ver. : 1.00 Edit date : 2024/01/08

Step :



Pic.1

1. For WWAN sku: Loosen hinge cap screw and disassembly hinge cap from unit.
❖ Torque : 1.0 ± 0.2 kgf.cm
❖ screw can not be slipped.
2. For WLAN sku: Rotate hinge cap to back direction to release hook for removing as Pic.4.



Pic.2

Push toward right side



Pic.3



Pic.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	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

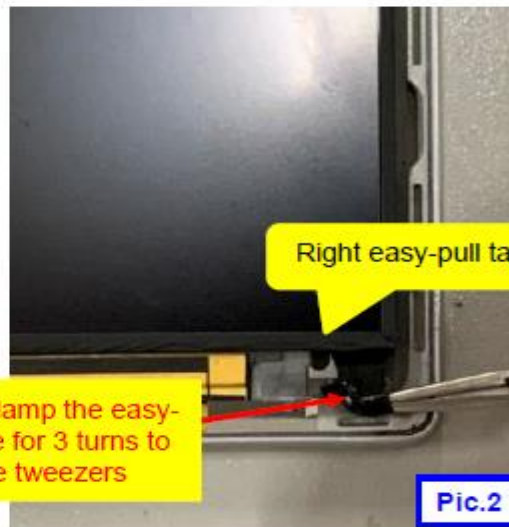
Station : 30 (1/1)

Operation Name : Disassembly panel easy-pull

Ver. : 1.01 Edit date : 2024/01/08

Step :

1. Use tweezer to clamp left easy-pull tape by 3 Turns , then pull down in parallel.
2. Use the same method to disassembly right easy-pull tape.



The tweezer clamp the easy-pull and rotate for 3 turns to fix it on the tweezers



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. : HP EliteBook 840 G11 disassembly SOP

Station : 31 (1/1)

Operation Name : Take down e-DP Cable

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Take the EDP cable out of the hook safety to remove panel from unit. (pic 1)
2. Take the EDP Cable out of Panel CNTR (Pic 2)

For privacy

3. Take down panel FFC (Pic3)

LCD panel



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	Qual ity	Ord er	Fix tur e	Hear	Loo k	man ual	Sta tic



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

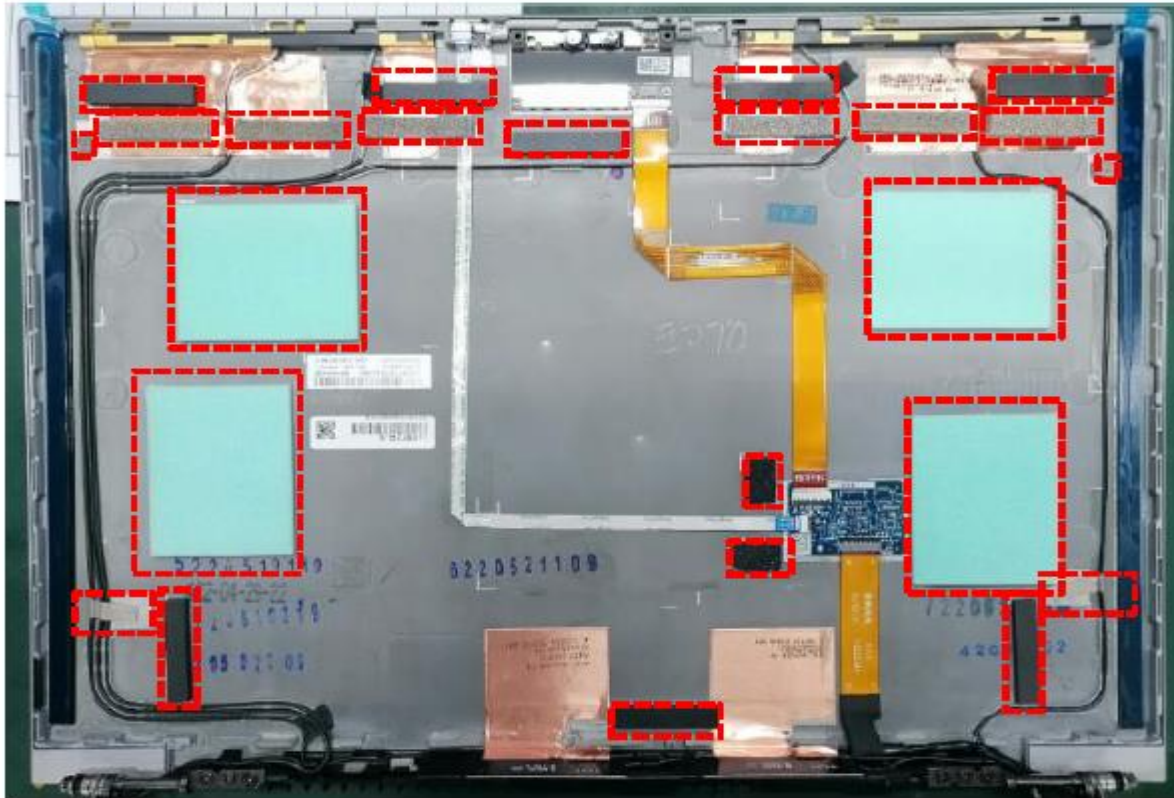
Station : 32 (1/1)

Operation Name : Disassembly Sponge & gasket

Ver. : 1.00 Edit date : 2024/01/08

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	Quality	Order	Fix tur e	Hear	Look	man ual	Sta tic

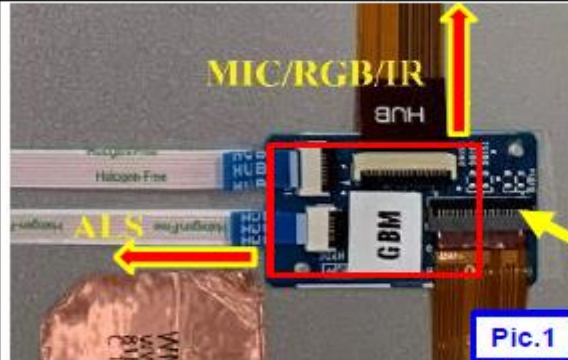


Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 33 (1/1)

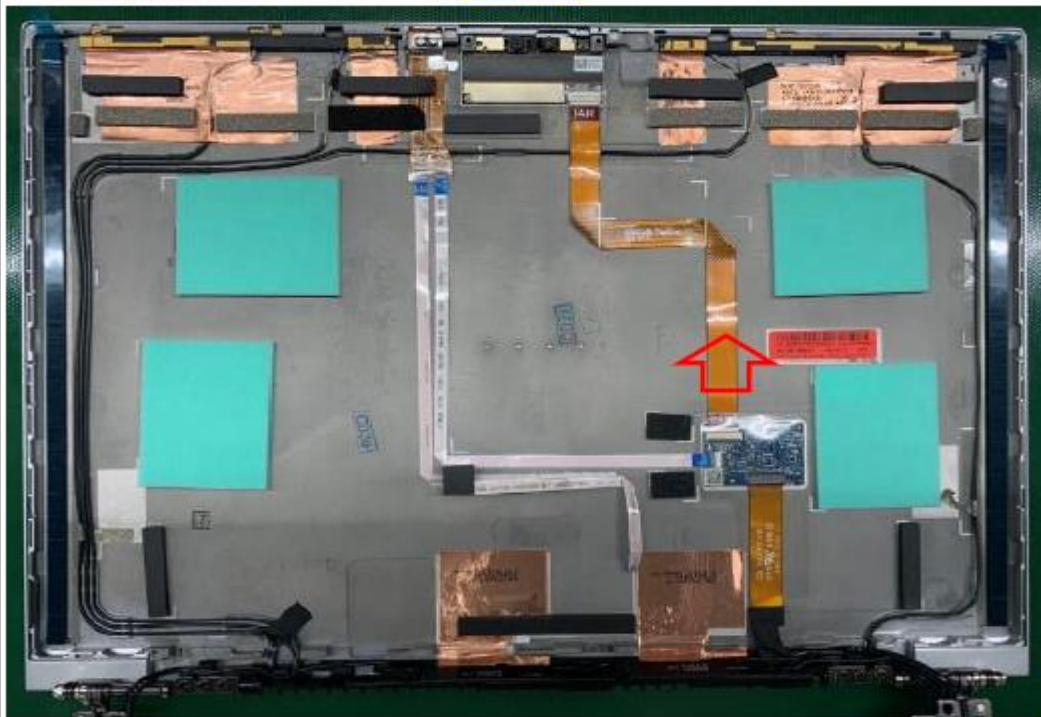
Operation Name : Disassembly Camera FPC & ACS FFCVer. : 1.00 Edit date : 2024/01/08



Step :

1. Take down camera FPC and ACS FFC from HUB board connector, then remove the HUB/B from unit that pasted on A-cover. (Pic 1/Pic 2)

HUB board



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. : HP EliteBook 840 G11 disassembly SOP

Station : 34 (1/1)

Operation Name : Disassembly ACS/B

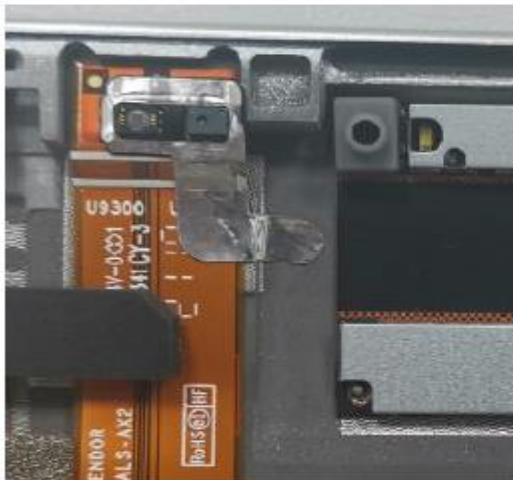
Ver. : 1.00 Edit date : 2024/01/08

Step :



Pic.1

- 1. Disassemble ACS FFC
- 2. Disassemble ACS board aluminum foil and ACS board



Pic.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. : HP EliteBook 840 G11 disassembly SOP

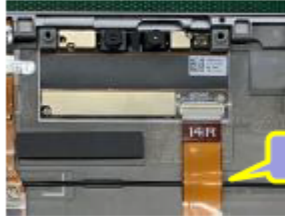
Station : 35 (1/1)

Operation Name : Disassembly Camera

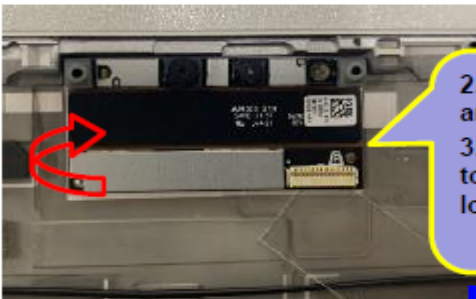
Ver. : 1.00 Edit date : 2024/01/08

Step :

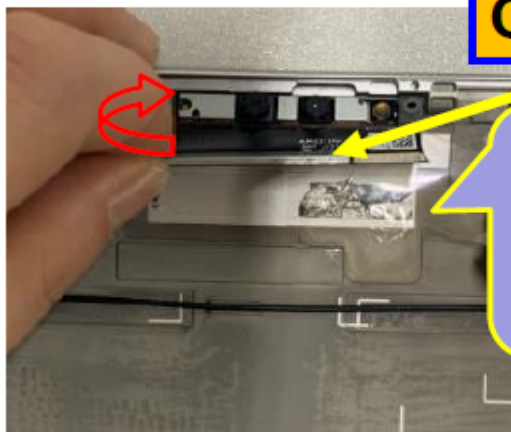
1. Take the camera out of the A-cover .



1. Take down FFC tape



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



Camera

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

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	Fix tur e	Hear	Look	man ual	Sta tic



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

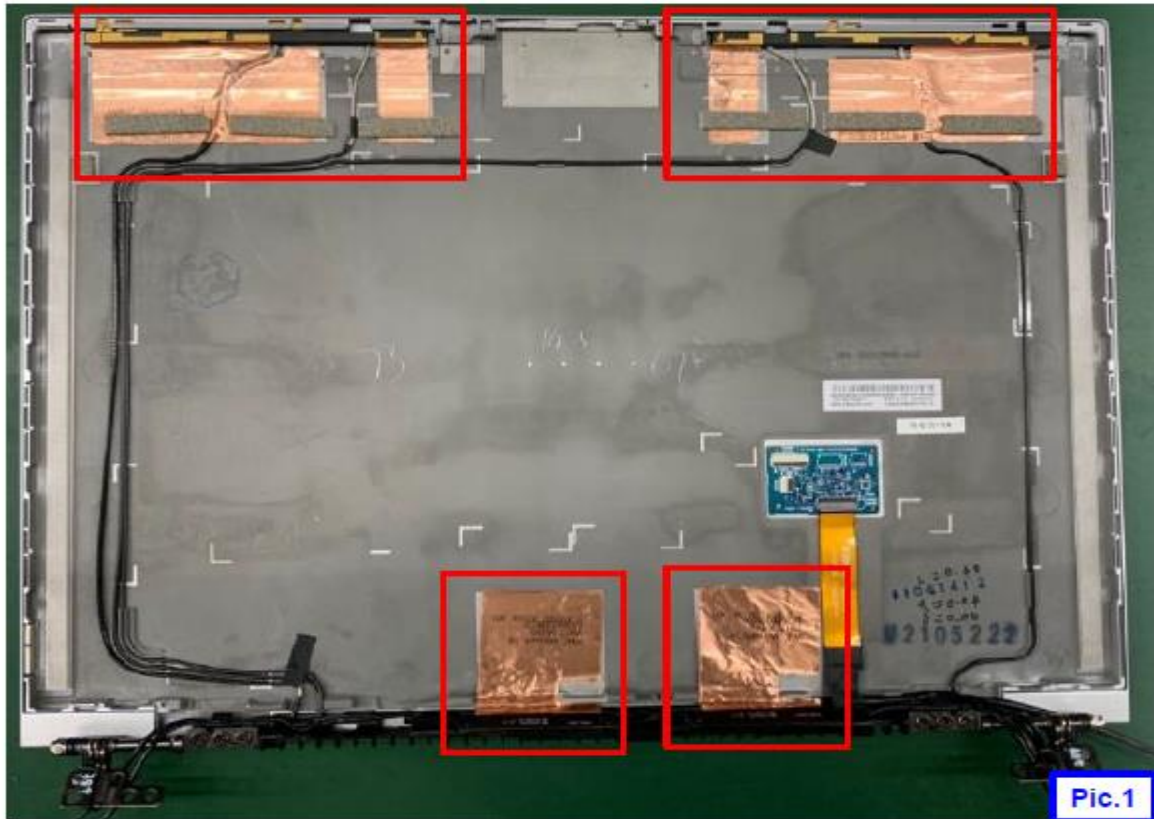
Station : 36(1/1)

Operation Name : Take down all the antenna

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Take down all the antenna
(Pic1)



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. : HP EliteBook 840 G11 disassembly SOP

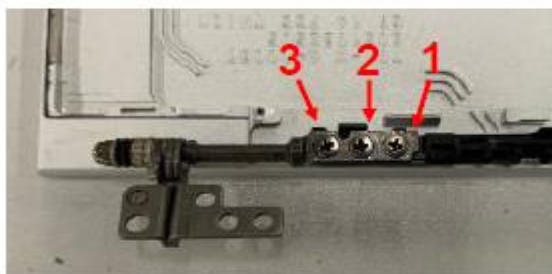
Station : 37(1/1)

Operation Name : Take down hinge screw

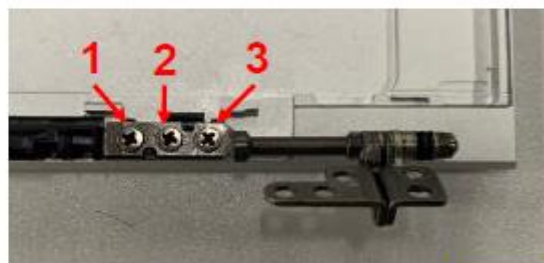
Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Take down left and right screw(6052B0139801) *6
❖ 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



Standard Operation Procedure

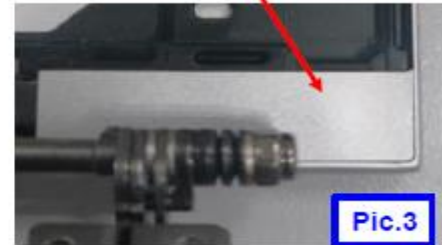
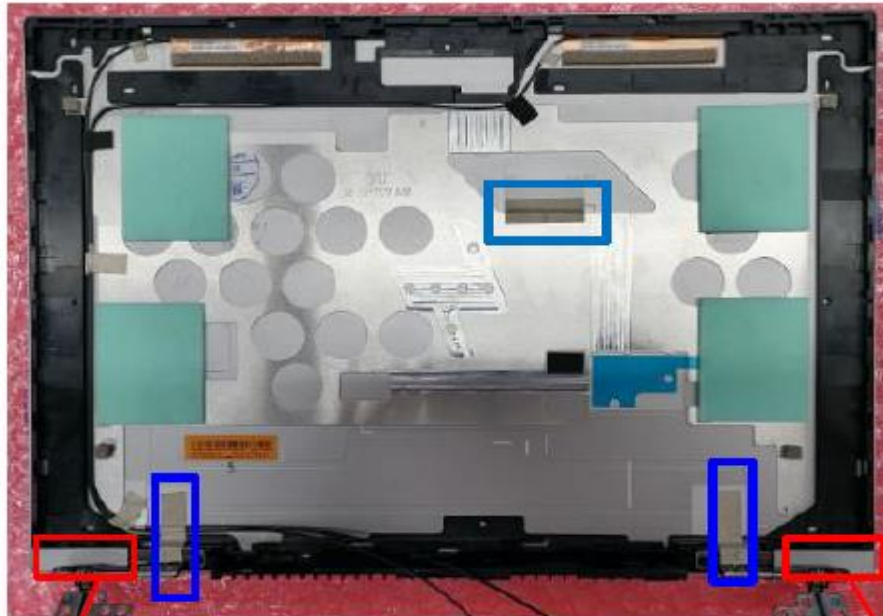
Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 38 (1/1)

Operation Name : Take down Bezel trim for WLAN sku Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Take down left and right bezel trim as below red mark, then remove 3pcs gasket as below blue mark.



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. : HP EliteBook 840 G11 disassembly SOP

Station : 39 (1/1)

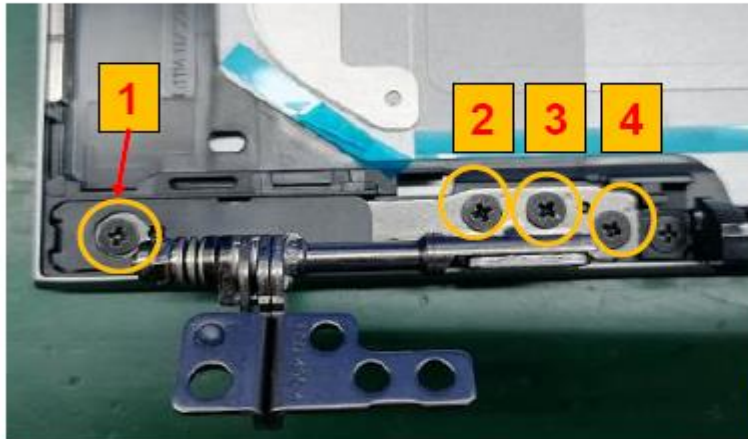
Operation Name : Take down hinge for WLAN sku

Ver. : 1.00 Edit date : 2024/01/08

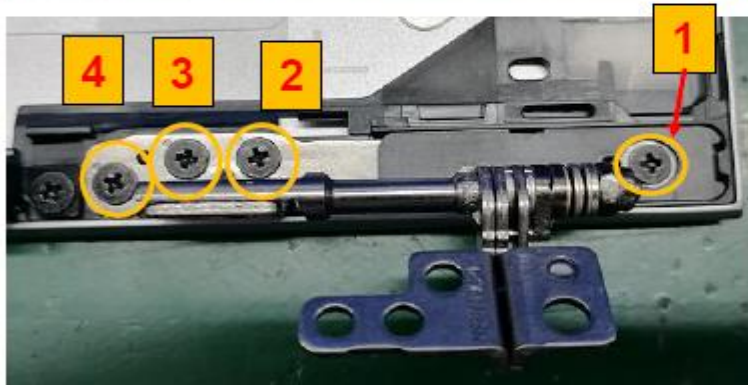
Step :

1. Loosen 8pcs screw to take down left and right hinge as below Pic.1&2.

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



Standard Operation Procedure

Document No. : HP EliteBook 840 G11 disassembly SOP

Station : 40 (1/1)

Operation Name : Disassembly frame for WLAN

Ver. : 1.00 Edit date : 2024/01/08

Step :

1. Tear adhesive to remove L&R bezel trim frame that pasted on hinge as below Pic.1~4.



Pic.1



Pic.2



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

