Product End-of-Life Disassembly Instructions

Product Category: All-in-One PC
Marketing Name / Model [List multiple models if applicable.]
HSC-I008R19
HP Engage One Pro 19.5 G2 AiO System

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: __RAM, WLAN___	5
Batteries, excluding Li-Ion batteries. This includes standard alkaline, coin or button style batteries	☒ RTC/CMOS battery ☐ Others: _____	
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 _____	0
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

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	T8, T15

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)

MANUFACTURING PROCESS INSTRUCTIONS
MECHANICAL ASSEMBLY

Sub-assembly name:	Disassemble SOP		
Document No.:	Disassemble SOP		
Written by:	Wang. Galen	Revision:	1.00
Date:	2024/12/10	Page:	1 of 36

A.Current station version list:

Station	Version	Station	Version	Station	Version	Station	Version	Station	Version	Station	Version
1	1.00	9	1.00								
2	1.00	10	1.00								
3	1.00	11	1.00								
4	1.00	12	1.00								
5	1.00	13	1.00								
6	1.00	14	1.00								
7	1.00	15	1.00								
8	1.00										

B.Version Modify list:

Date	Station	Content	Ver.	Design
2024/12/10	ALL	Disassemble SOP	1.**	Wang.Galen

Checked by : Li.Gong-xun Prepared by : Wang.Galen

Standard Operation Procedure

Document No. : Disassemble SOP Station: 1(1/3)

Operation Name : Remove Type-C cable & CFD cable Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove the set screws.(Photo 2)
2. Remove the Tape C cable and CFD cable from the I/O end.(Photo 2&3)



Photo 1



Photo 2



Photo 3

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

Fixture list (Spec.)	Qty	Symbol
Manual Screwdriver (Flat)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

EL-M
Temp
last u
5

Standard Operation Procedure

Document No. : Disassemble SOP Station: 1(2/3)

Operation Name : Remove Hub surround Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove four screws，remove Hub surround Module。(Photo 1)
   - ❖ Torque force : 3 ± 0.2 Kgf · cm
   - ❖ The screw does not slip.
2. Open the Latch and Possum SET by holding the Latch green triangle mark with both hands。(Photo2&3)

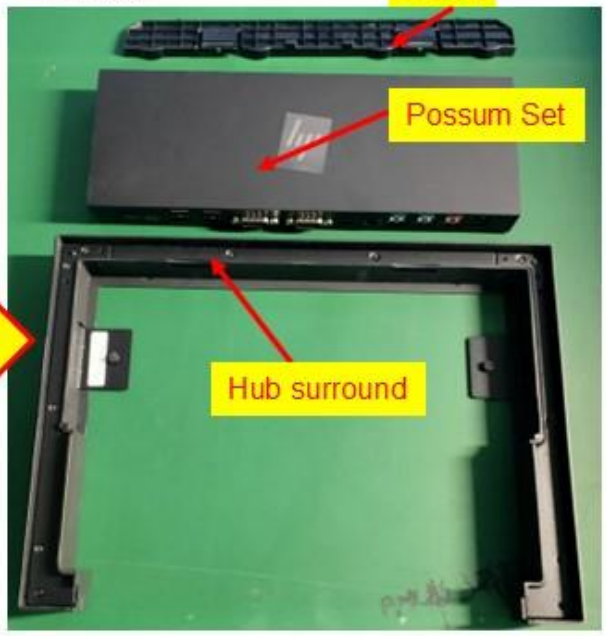
Photo 1



Photo 2



Photo 3



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 1(3/3)

Operation Name : Remove CFD & CFD & Indicator light Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove 2pcs of SET screws and take out the CFD or indicator light. (Photo1&2&3)
   - Torque force : 1.5± 0.2 Kgf · cm

CFD 7″

Photo 1





CFD MINI

Photo 2





indicator light

Photo 3





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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

EL-M
Temp
last u

7

Standard Operation Procedure

Document No. : Disassemble SOP Station: 2(1/4)

Operation Name : Remove 10" CFD Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove Stand cover，Take out CFD cable。(Photo1)
2. Remove 2pcs Rubber，Remove two screws, hold both sides of the CRD with both hands, and push up to remove the CFD。(Photo 2&3)

- Torque force : 3 ± 0.2 Kgf · cm
- The screw does not slip.
- Pay attention to prevent the CFD from bumping the LCM module。

Photo 1

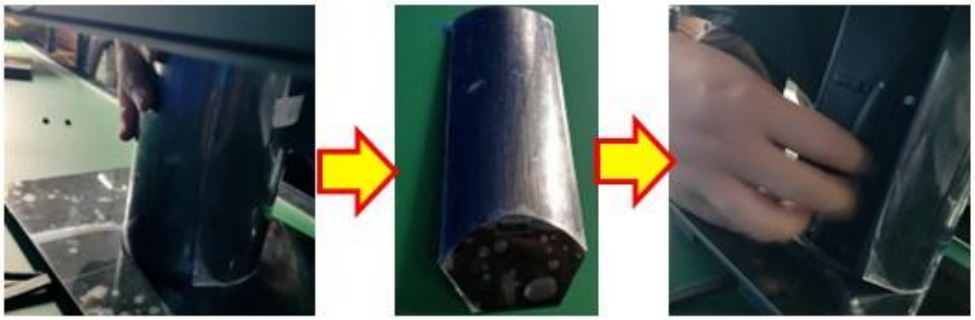


Photo 2



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 2(2/4)

Operation Name : Remove 10" CFD Ver. :1.00 Edit date: 2024/12/10

Step :

1. For Gordo Stand , Remove the four screws and remove the Stand Roof Cover 。
2. For Value Stand , Remove the three screws and remove the Stand Roof Cover 。

- Torque force : 6+/-0.5 Kgf · cm
- The screw does not slip.

Photo 1 **Gordo Stand**

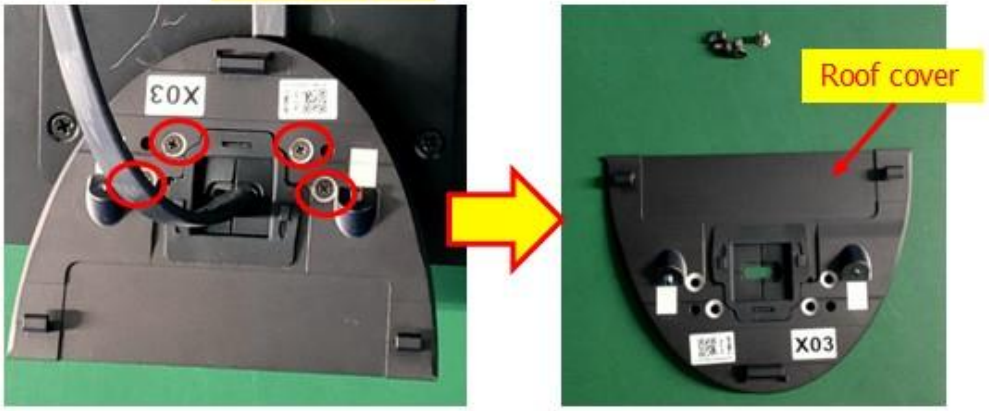
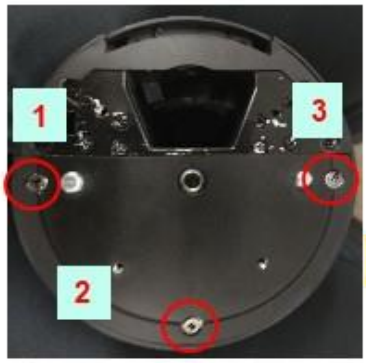


Photo 2



Value Stand

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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

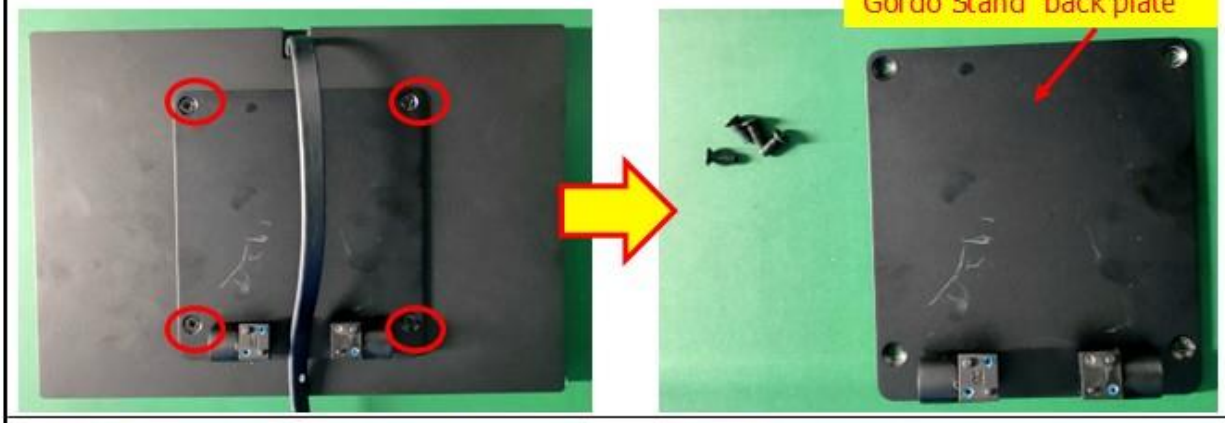
Document No. : Disassemble SOP Station: 2(3/4)

Operation Name : Remove 10″ CFD Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove the four screws and remove the Gordo Stand CFD back plate.(Photo 1)
   - ❖ Torque force : 9+/-0.5 Kgf · cm
   - ❖ The screw does not slip.

Photo 1



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 2(3/3)

Operation Name : Remove 10" CFD Ver. :1.00 Edit date: 2024/12/10

Step :

1. Push down and remove the CFD back plate. (Photo 1)
2. Remove two screws and remove the CFD Cable.(Photo 2)
   - Torque force : 4+/-0.5 Kgf · cm
   - The screw does not slip.

Photo 1

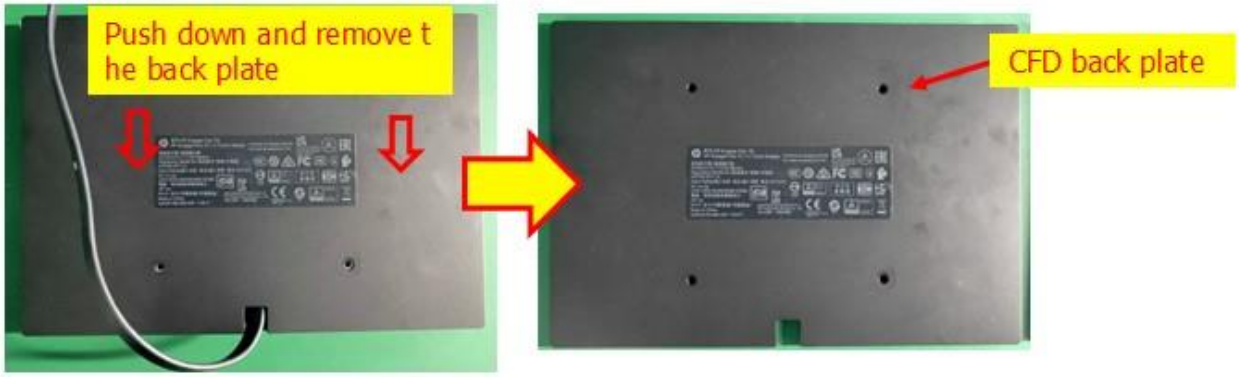
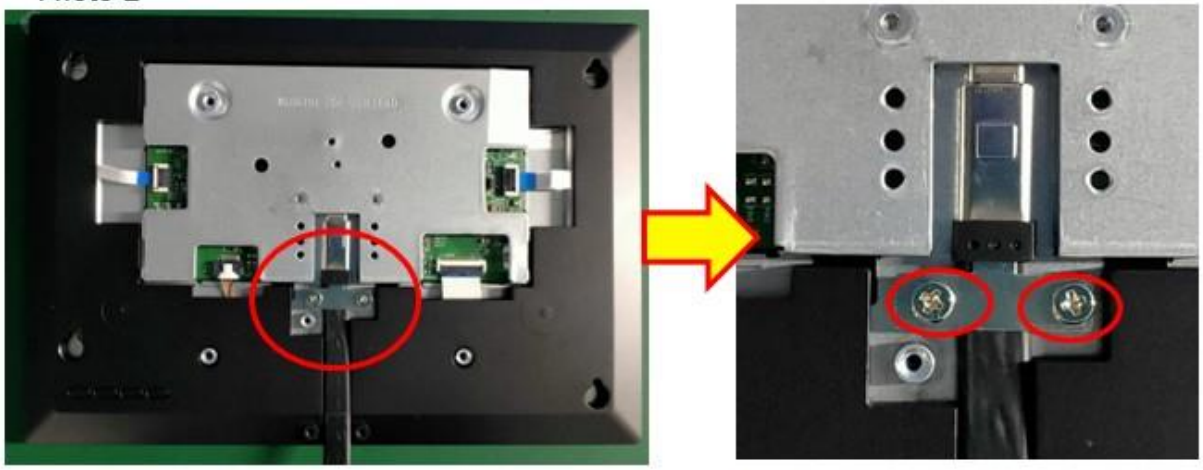


Photo 2



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH2)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 3(1/2)

Operation Name : Remove RJ45 Cable Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove two screws and remove the Stand stop. (Photo 1)
   - ❖ Torque force : 5± 1Kgf · cm
   - ❖ The screw does not slip.
2. Remove the three screws and remove the Cover. (Photo 2)
   - ❖ Torque force : 4± 0.2 Kgf · cm
   - ❖ The screw does not slip.

Photo 1

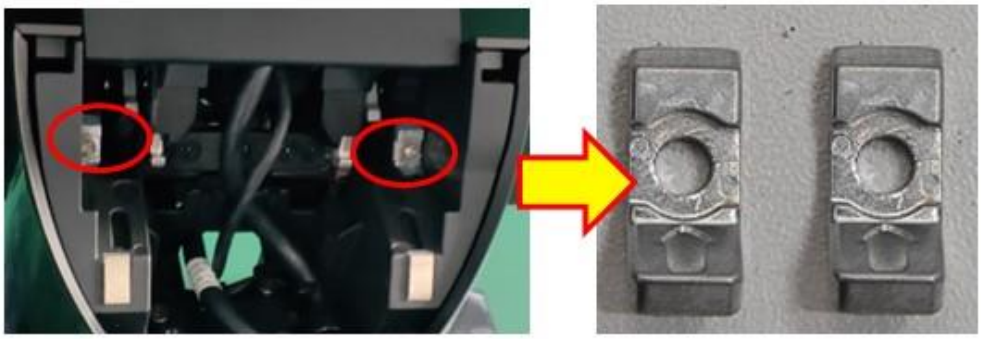
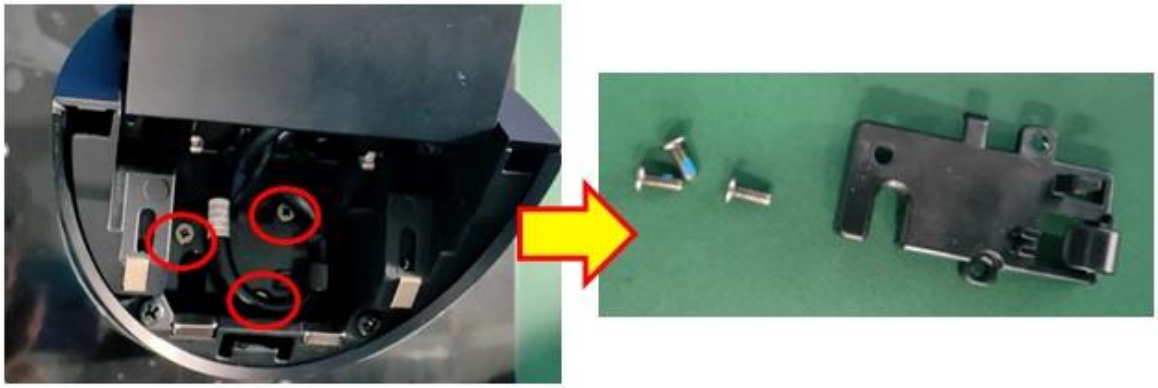


Photo 2



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

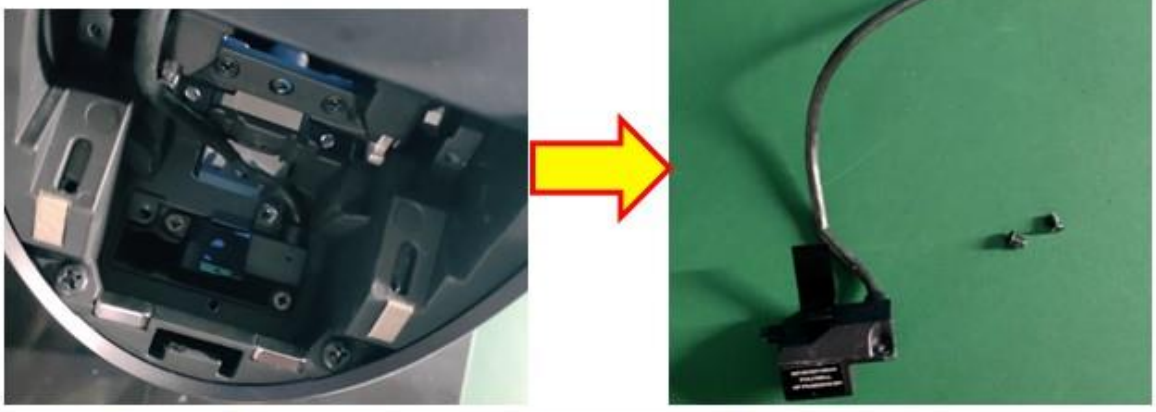
Document No. : Disassemble SOP Station: 3(2/2)

Operation Name : Remove RJ45 Cable Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove two screws and remove RJ45 cable.(Photo 1)
   - ❖ Torque force : 4± 0.2 Kgf · cm
   - ❖ The screw does not slip.

Photo 1



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 4(1/2)

Operation Name : Remove Stand Plate Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove 1pcs stand plate screw and remove the stand plate . (Photo 1&2)
   - ❖ Torque force : 20± 0.2 Kgf · cm
   - ❖ The screw does not slip.

Photo 1



Photo 2



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (T8)	1	Safe, Quality, Order, Fixture, Hear, Look, Do, Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 4(2/2)

Operation Name : Remove IO door & Type-C & CFD cable Ver. :1.00 Edit date: 2024/12/10

Step :

1. Open the I/O cover. (Photo 1)
2. Remove the CFD cable and Type C cable connectors. (Photo 2)
3. Remove the 2pcs stand screws and remove the Stand. (Photo 2)

- Torque force : 20± 0.2 Kgf · cm
- The screw does not slip.

Photo 1

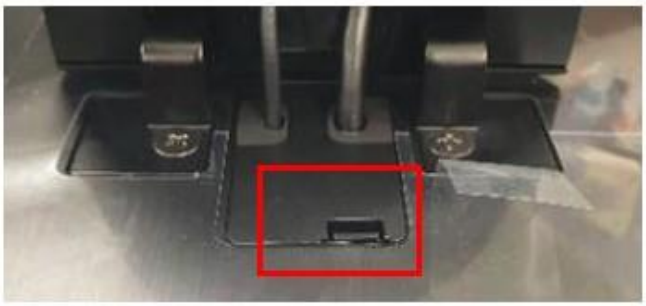


Photo 2



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH2)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

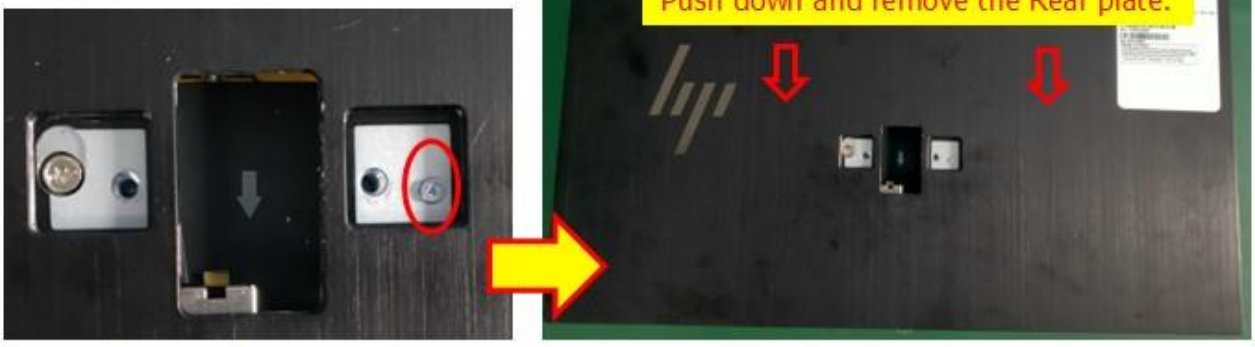
Document No. : Disassemble SOP Station: 5(1/2)

Operation Name : Remove Rear Plate Ver. : Edit date: 2024/12/10

Step :

1. Remove 1 SET screw and push down and remove the back plate. (Photo 1)
   - ❖Torque force : 3 ± 0.2 Kgf · cm
   - ❖The screw does not slip.

Photo 1



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe, Quality, Order, Fixture, Hear, Look, Do, Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 5(2/2)

Operation Name : Remove Rear cover & SSD cover Ver. :1.00 Edit date: 2024/12/10

Step :

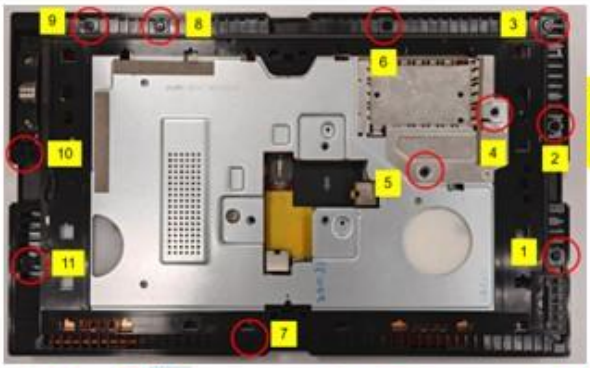


Photo 1
15″

For 15″

1. Open the 11 SET screws and remove the Rear cover and SSD cover. (Photo 1)
2. Remove two SSD pads. (Photo 4)

For 19″

1. Open the 19 SET screws and remove the Rear cover and SSD cover. (Photo 2)
2. Remove two SSD pads. (Photo 4)

For 23″

1. Open the 15 SET screws and remove the Rear cover and SSD cover. (Photo 3)
2. Remove two SSD pads. (Photo 4)

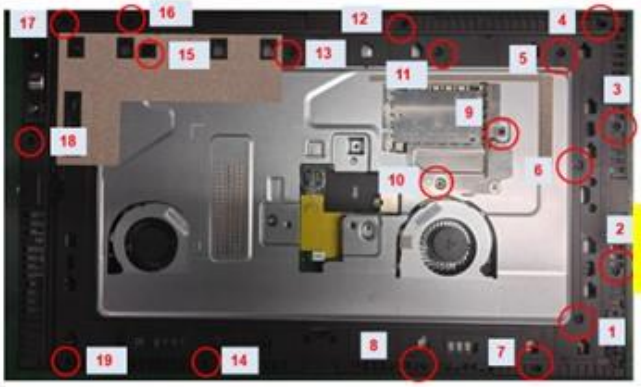


Photo 2
19″

- Torque force : 3 .0± 0.2 Kgf · cm
- The screw does not slip.



Photo 3
23″

Photo 4 SSD cover



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

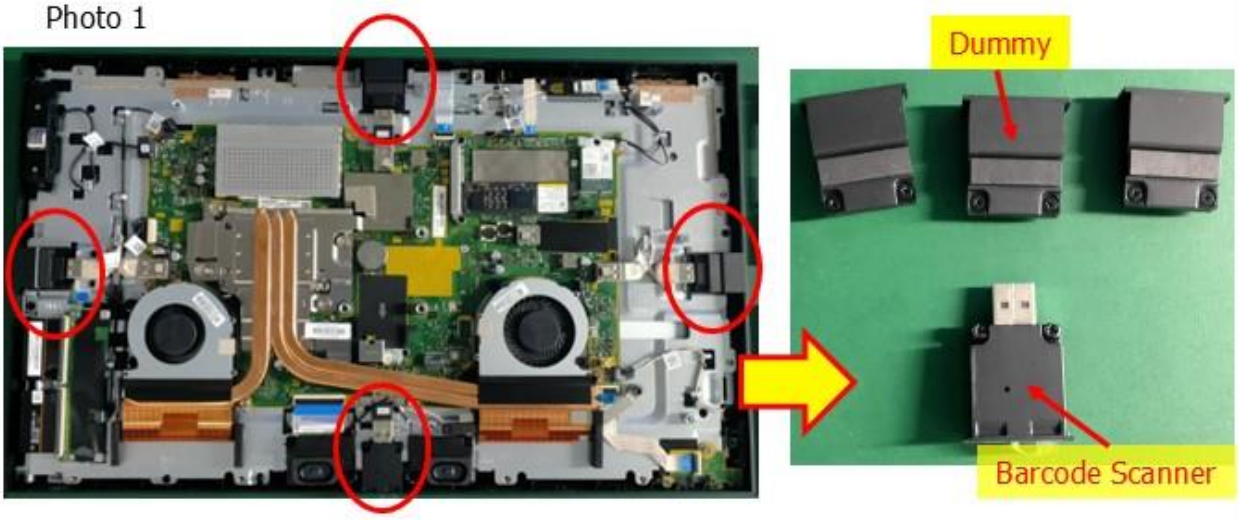
Document No. : Disassemble SOP Station: 6(1/1)

Operation Name : Remove Barcode Scanner or Dummy Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove the 8 SET screws and remove the barcode scanner and BCS module. (Photo 1)
   - ❖ Torque force : 1.5 ± 0.2 Kgf · cm
   - ❖ The screw does not slip.

Photo 1



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe, Quality, Order, Fixture, Hear, Look, Do, Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

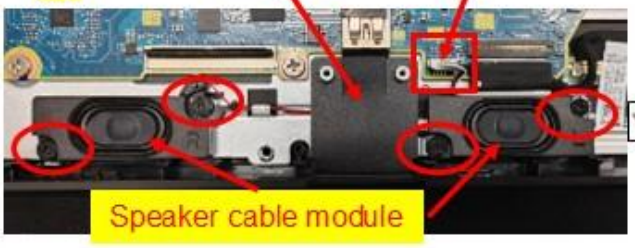
Document No. : Disassemble SOP Station: 7(1/1)

Operation Name : Remove Speaker Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove speaker screws (4pcs or 2pcs). (Photo 1&2&3)
   - ❖The 23" Speaker has only two screws.
   - ❖The 15"&19" Speaker has 4 screws each.
   - ❖Torque force : 1.5 ± 0.2 Kgf · cm
   - ❖Screw M2*3
   - ❖The screw does not slip.
2. Take out speaker connector, Take down speaker. (Photo 1&2&3)

Photo 1
15"



For 15"

1. Remove Mylar *1pcs.

Photo 2
19"

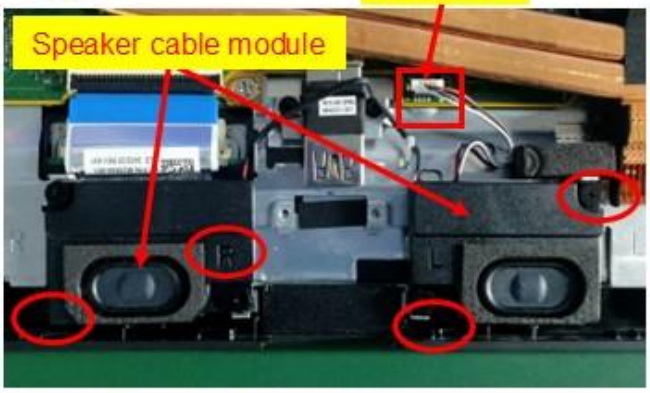
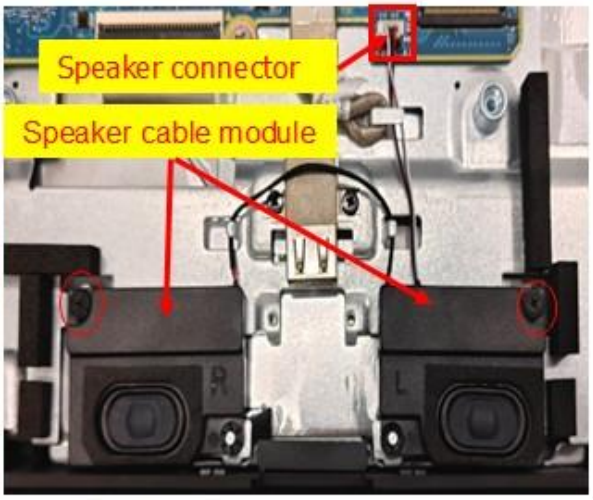


Photo 3
23"



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

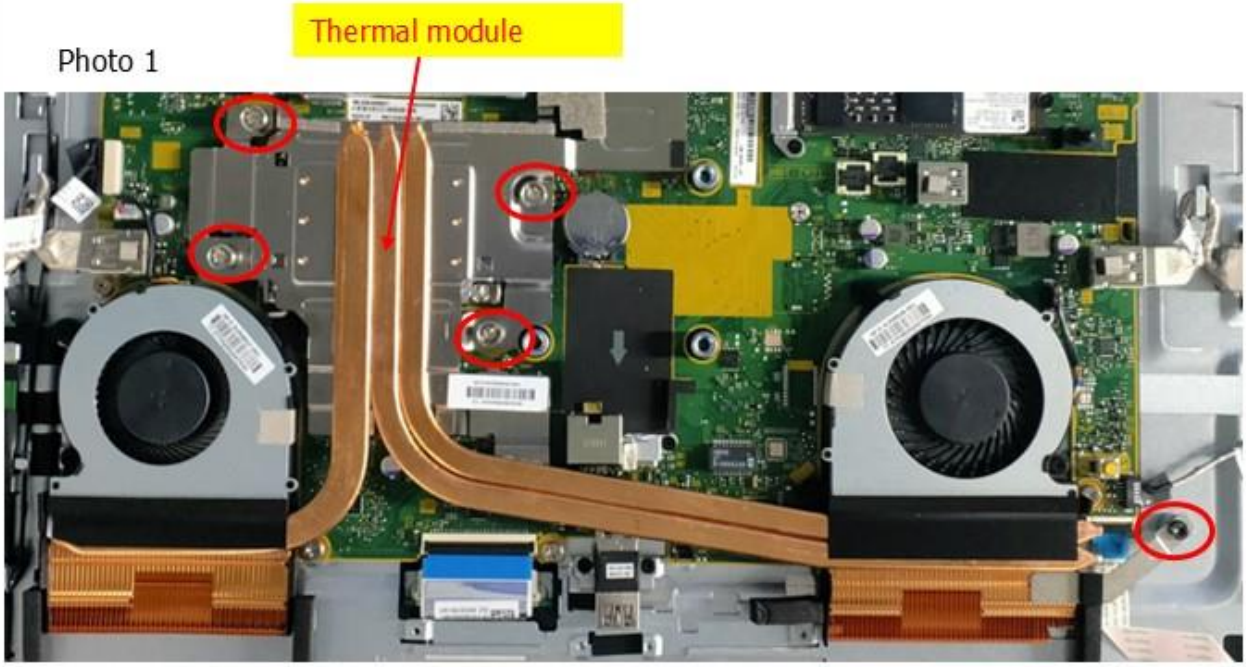
Document No. : Disassemble SOP Station: 8(1/3)

Operation Name : Remove Thermal Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove 5pcs Thermal screws.
   - Torque force : 5.2 ± 0.2 Kgf · cm
   - Check that Thermal copper pipes and fins are not deformable.

Photo 1



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (T15)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

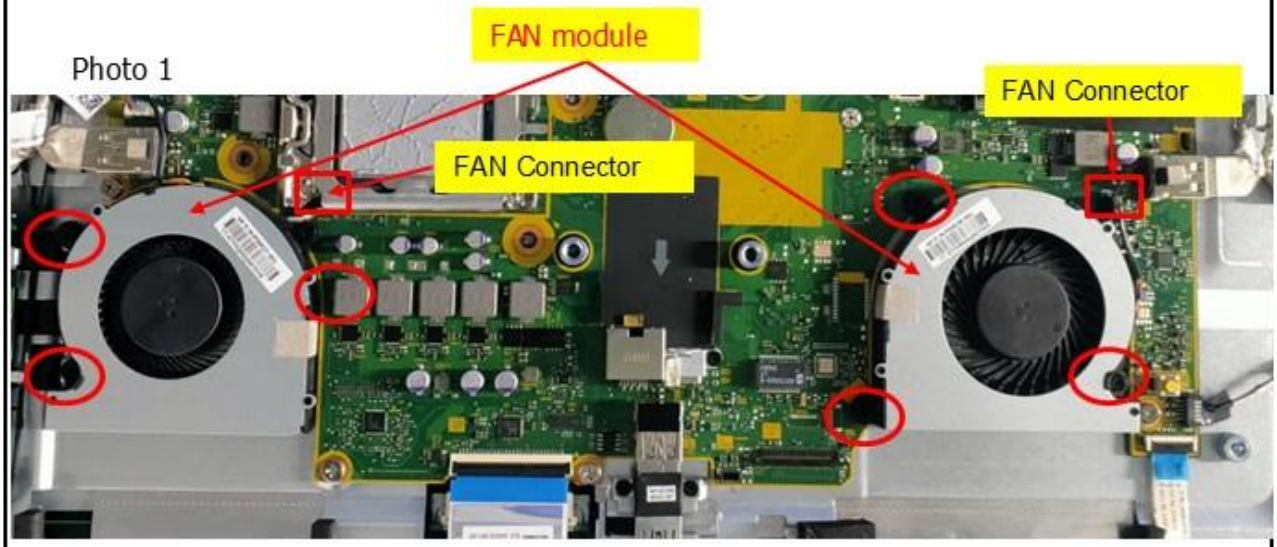
Document No. : Disassemble SOP Station: 8(2/3)

Operation Name : Remove Fan Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove 6pcs fan screws. (Photo 1)
   - ❖ Torque force : 3.0 ± 0.2 Kgf · cm
   - ❖ The screw does not slip.
2. Remove the fan Cable connector on the MB. (Photo 1)

Photo 1



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe, Quality, Order, Fixture, Hear, Look, Do, Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 8(3/3)

Operation Name : Remove Fan Ver. : 1.00 Edit date: 2024/12/10

Step :

1. Take the fan method。
   - ❖ Correct the fan mode. (Photo 1)
   - ❖ Error grab fan mode. (Photo 2)

Photo-1

正确拿取風扇方法



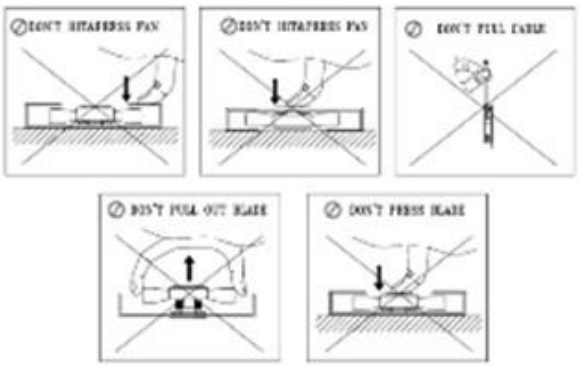
手拿扇框边缘



手拿Frame凸起

Photo-2

错误拿取風扇方式



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

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

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 9(1/1)

Operation Name : Remove USB cable Ver. :1.00 Edit date: 2024/12/10

Step :

1.Remove 8pcs Screws and remove USB cable. (Photo 1)

- Torque force : 1.5 ± 0.2 Kgf · cm
- The screw does not slip.



Photo 1



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 10(1/4)

Operation Name : Remove DDR Ver. : Edit date: 2024/12/10

Step :

1. Remove DDR shielding and DDR Module. (Photo 1)
2. Remove 1pcs Pad. (Photo 2)

Photo 1 DDR Shielding

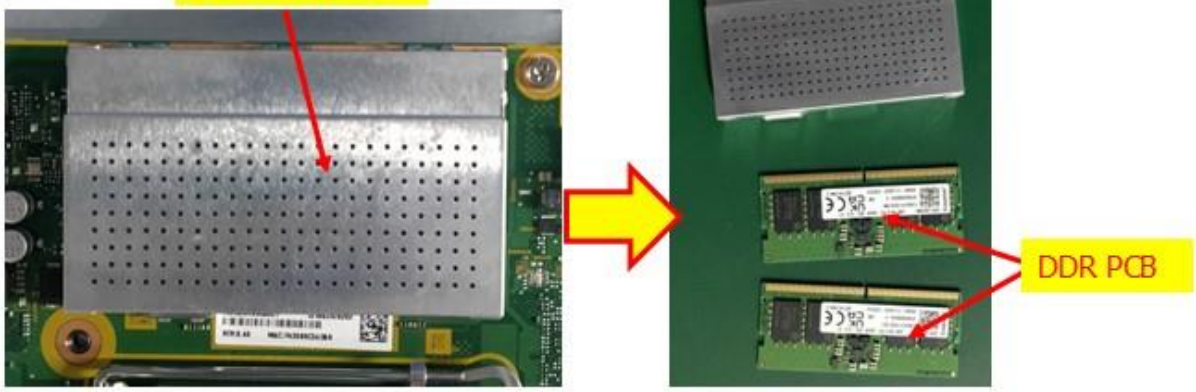
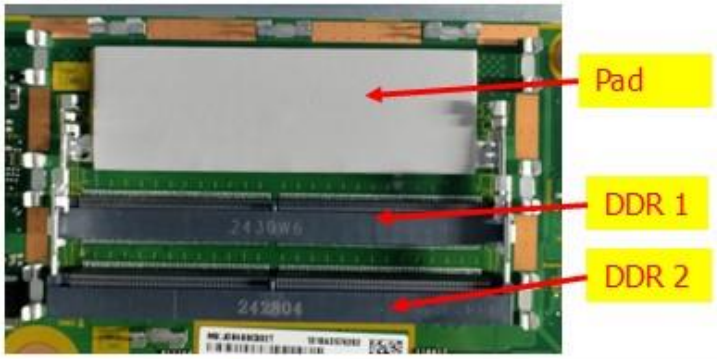


Photo 2



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

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

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

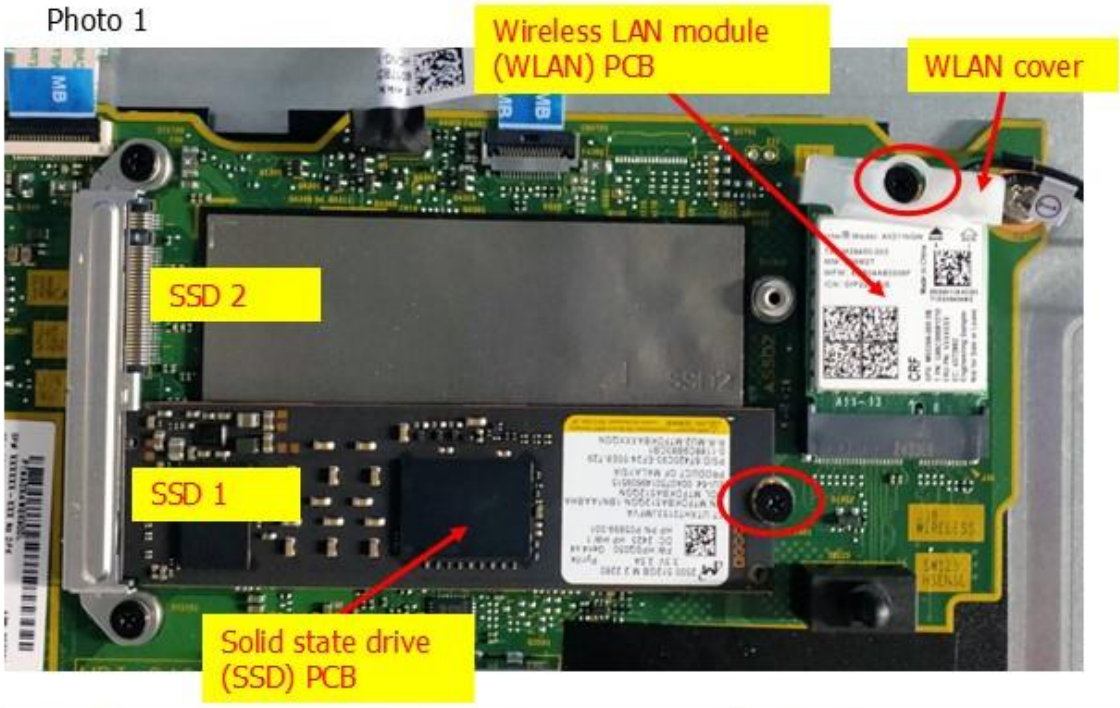
Document No. : Disassemble SOP Station: 10(2/4)

Operation Name : Remove SSD and WLAN Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove the Wlan cover, remove 1 piece of screws, and take out the WLAN PCB. (Photo 1)
   - ❖ Torque force : 1.5 ± 0.2 Kgf · cm
   - ❖ The screw does not slip.
2. Remove screws (1pcs or 2pcs) , and remove SSD. (Photo 1)
   - ❖ If there are two SSDs, remove two screws .
   - ❖ Torque force : 1.5 ± 0.2 Kgf · cm
   - ❖ The screw does not slip.

Photo 1



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 10(3/4)

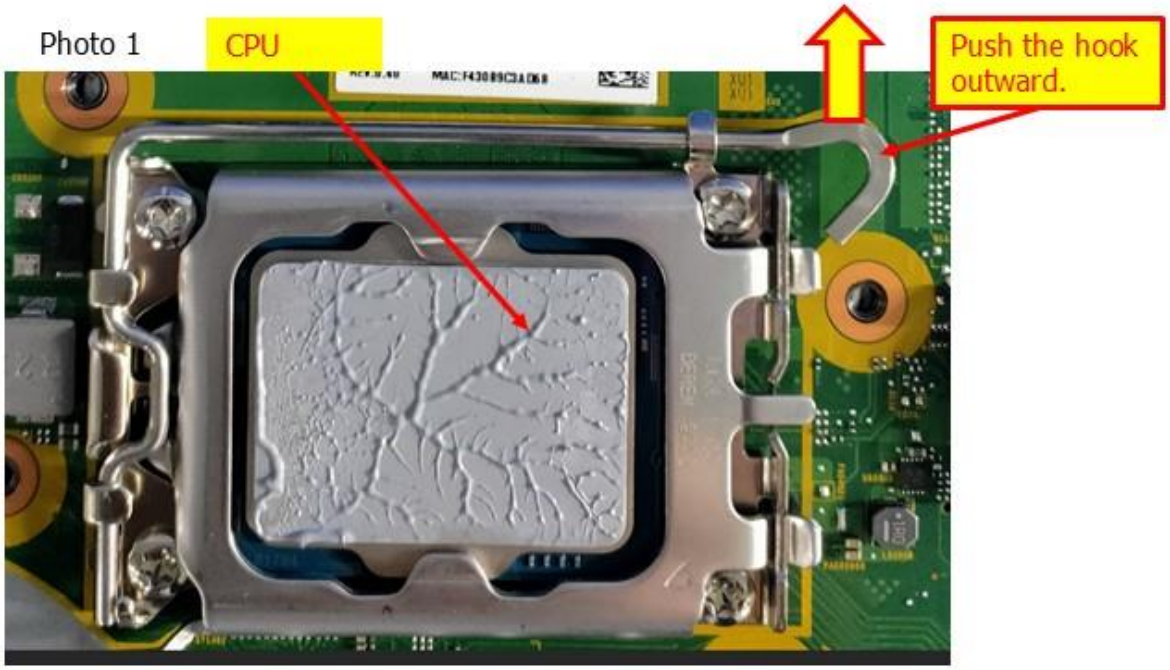
Operation Name : Remove CPU Ver. :1.00 Edit date: 2024/12/10

Step :

1. Push the card hook outward, open the Socket, and take out the CPU. (Photo 1)

❖ Check that the CPU pin is not skewed or has foreign bodies.

Photo 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 / Do / Static

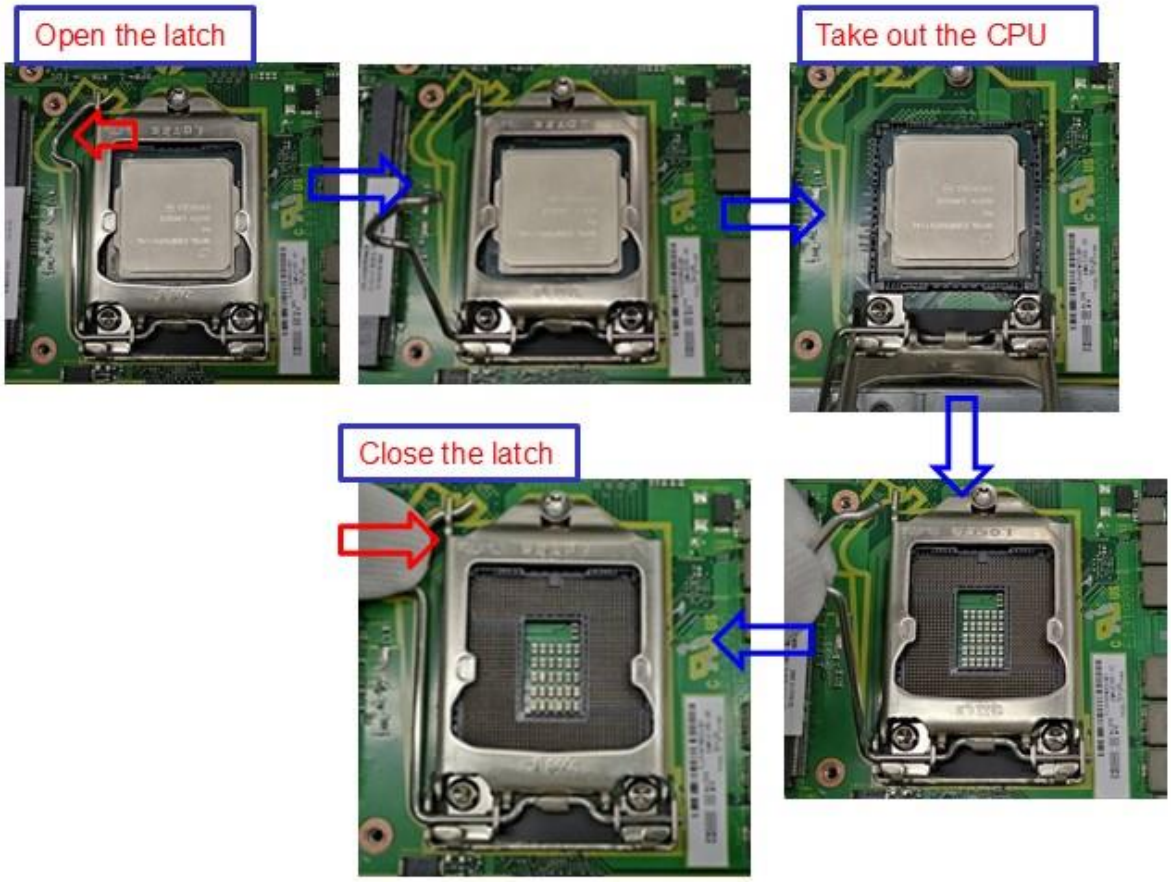
Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 10(4/4)

Operation Name : Remove CPU Ver. :1.00 Edit date: 2024/12/10

Step :



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

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

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

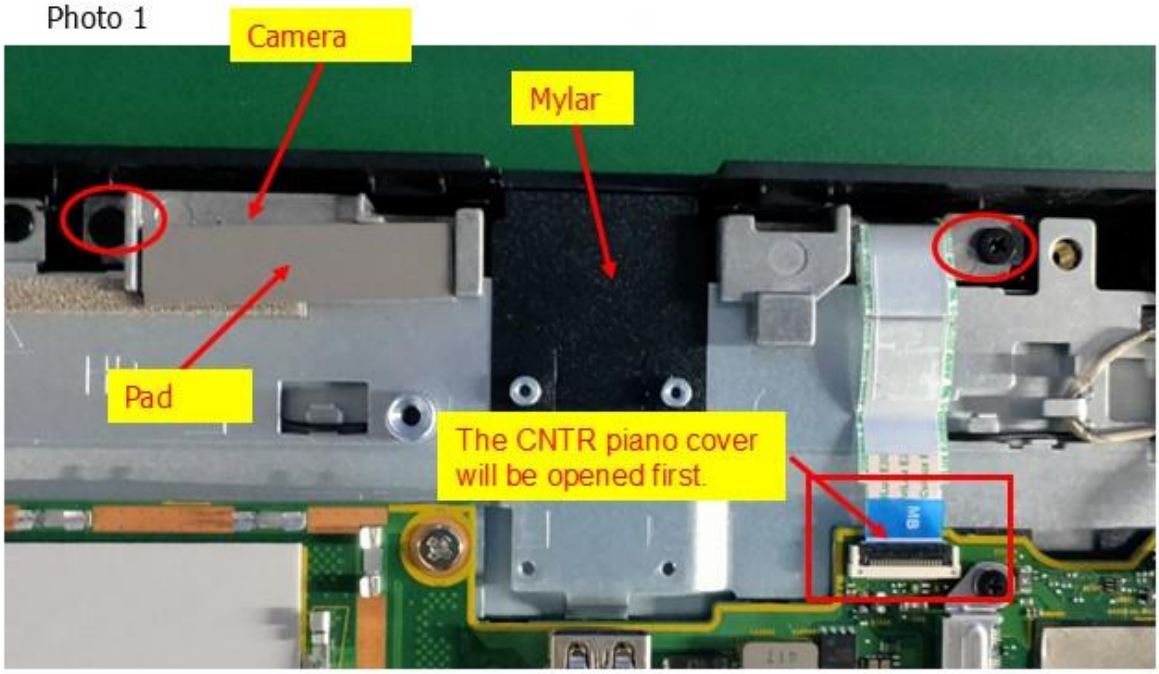
Document No. : Disassemble SOP Station: 11(1/2)

Operation Name : Remove Camera Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove 1pcs Mylar , and remove 2pcs screws. (Photo 1)
   - Torque force : 3.0 ± 0.2 Kgf · cm
   - Screw M 3*5
   - The screw does not slip.
2. Remove the MB FFC cable connector and 1pcs Pad2. (Photo 1)
3. Remove Camera module. (Photo 1)

Photo 1



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 11(2/2)

Operation Name : Remove MSR Module Ver. :1.00 Edit date: 2024/12/10

Photo 1 15″ Gasket



Step :

1. Remove the Cable connector at the MB end, remove the screws from the 2pcs Set, and take out the MSR Module. (Photo 1&2&3)
   - Torque force : 1.5 ± 0.2 Kgf · cm
   - Screw : M1.6*3.5
   - The screw does not slip.

For 15″

1. Remove 1pcs Gasket。(Photo 1)

Photo 2 19″



Photo 3 23″



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 12(1/3)

Operation Name : Remove Touch cable Ver. :1.00 Edit date: 2024/12/10

Step :

For 19" & 23"

1. Remove Touch cable. (Photo 1&2)
2. Remove BT cable. (Photo 1&3)

Photo 1 **19"**

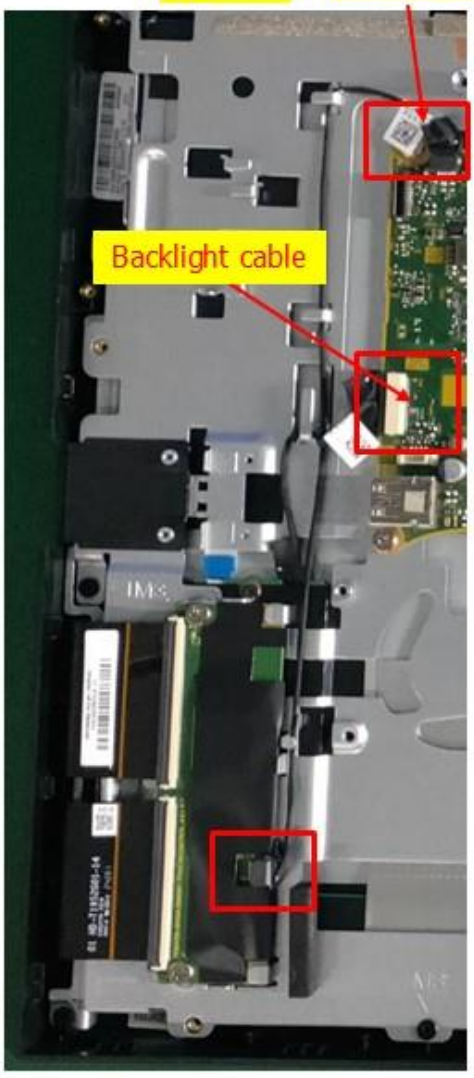


Photo 2 **23"**

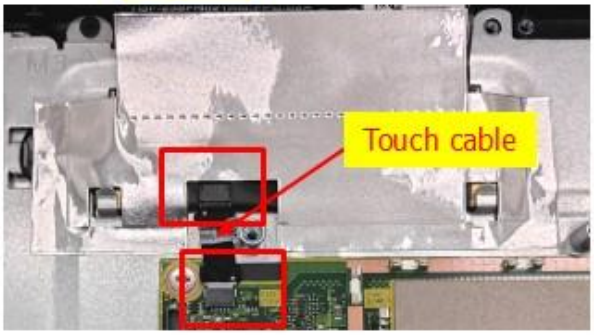
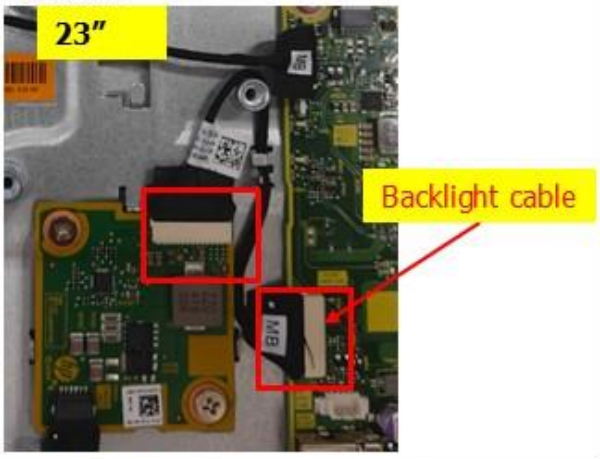


Photo 3 **23"**



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

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

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

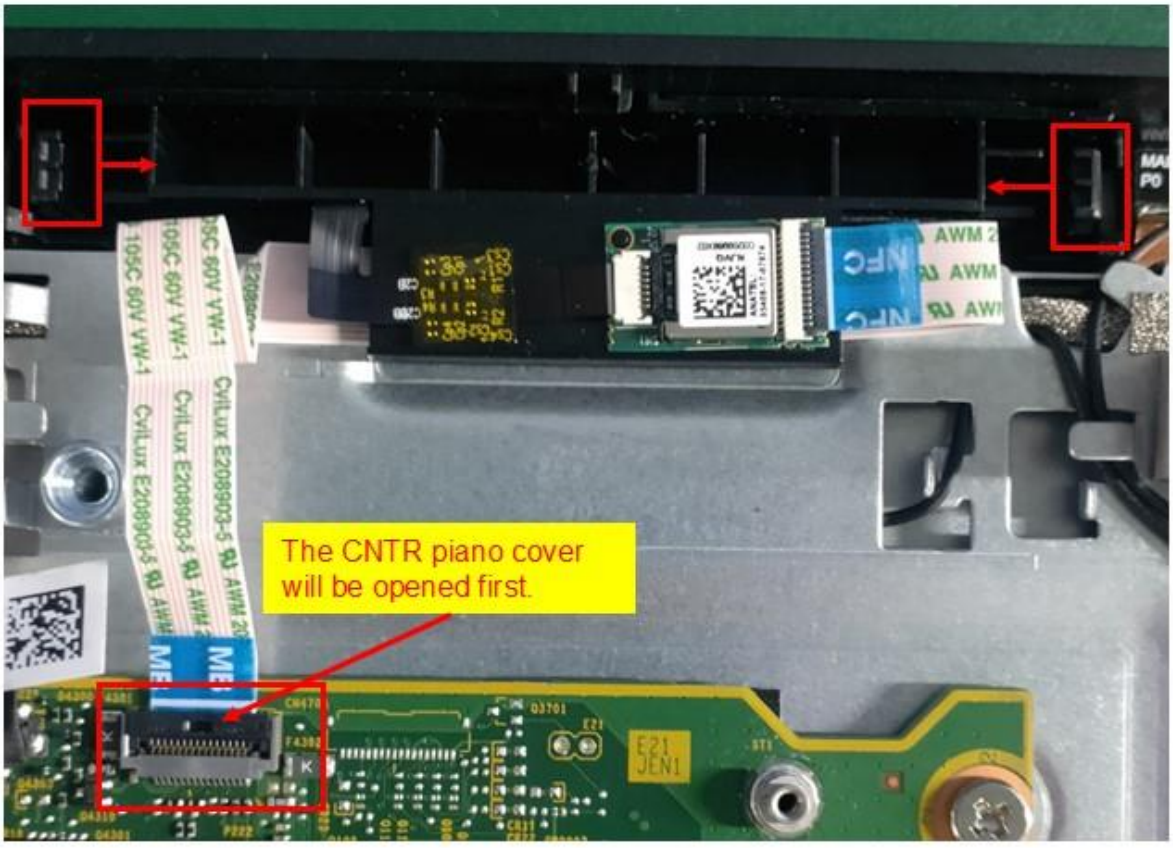
Document No. : Disassemble SOP Station: 12(2/3)

Operation Name : Remove NFC Module Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove the FFC cable connector on the MB end, push the card hook inward, and take out the NFC Module. (Photo 1)

Photo 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 / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

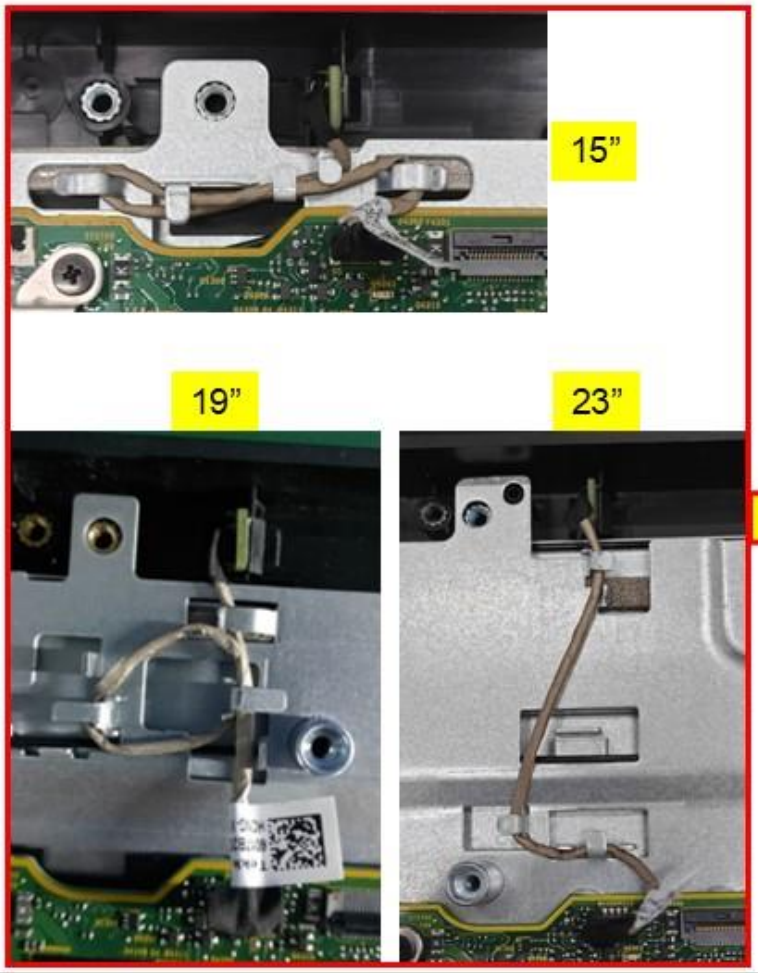
Document No. : Disassemble SOP Station: 12(3/3)

Operation Name : Remove NFC LED cable Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove the NFC LED Cable connector at the MB end and remove the LED Board. (Photo 1)

Photo 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 / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

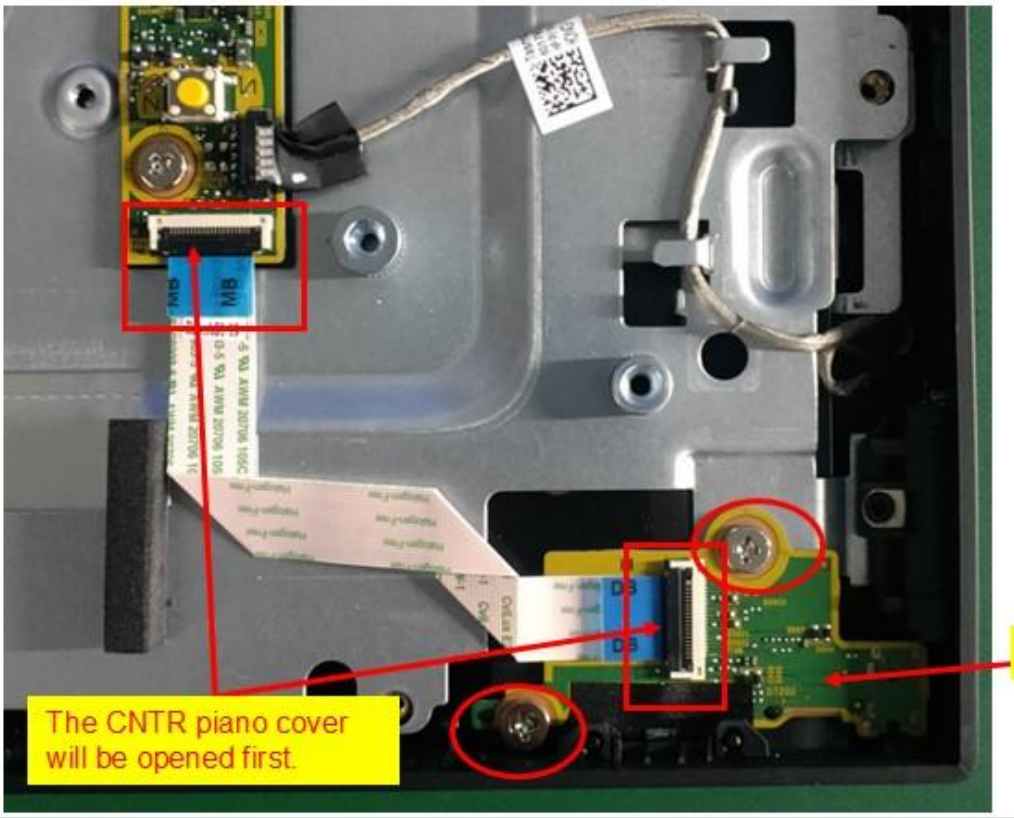
Document No. : Disassemble SOP Station: 13(1/2)

Operation Name : Remove Power board Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove 2pcs screws and remove the power FFC cable. (Photo 1)
   - Torque force : 3.0 ± 0.2 Kgf · cm
   - The screw does not slip.
   - Screw M3*3

Photo 1



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH2)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 13(2/2)

Operation Name : Remove FPR cable Ver. :1.00 Edit date: 2024/12/10

Photo 1 **15"**



Step :

1. Remove 1pcs screw, remove the Cable at the MB end, and take out the FPR Module. (Photo 1&2&3)
   - Torque force : 1.5 ± 0.2 Kgf · cm
   - The screw does not slip.

Photo 2 **19"**

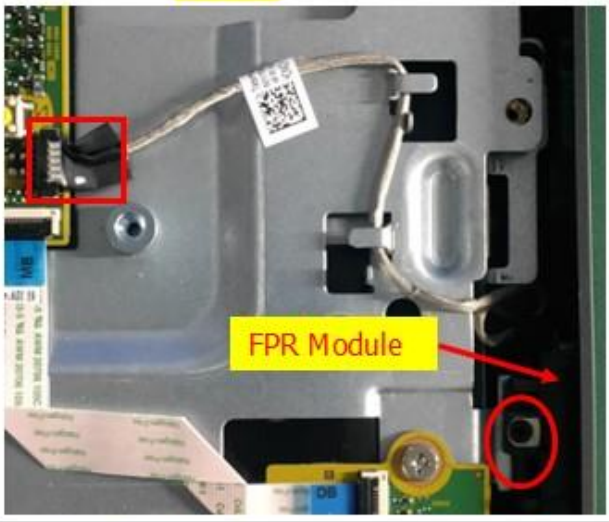


Photo 3 **23"**



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH1)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

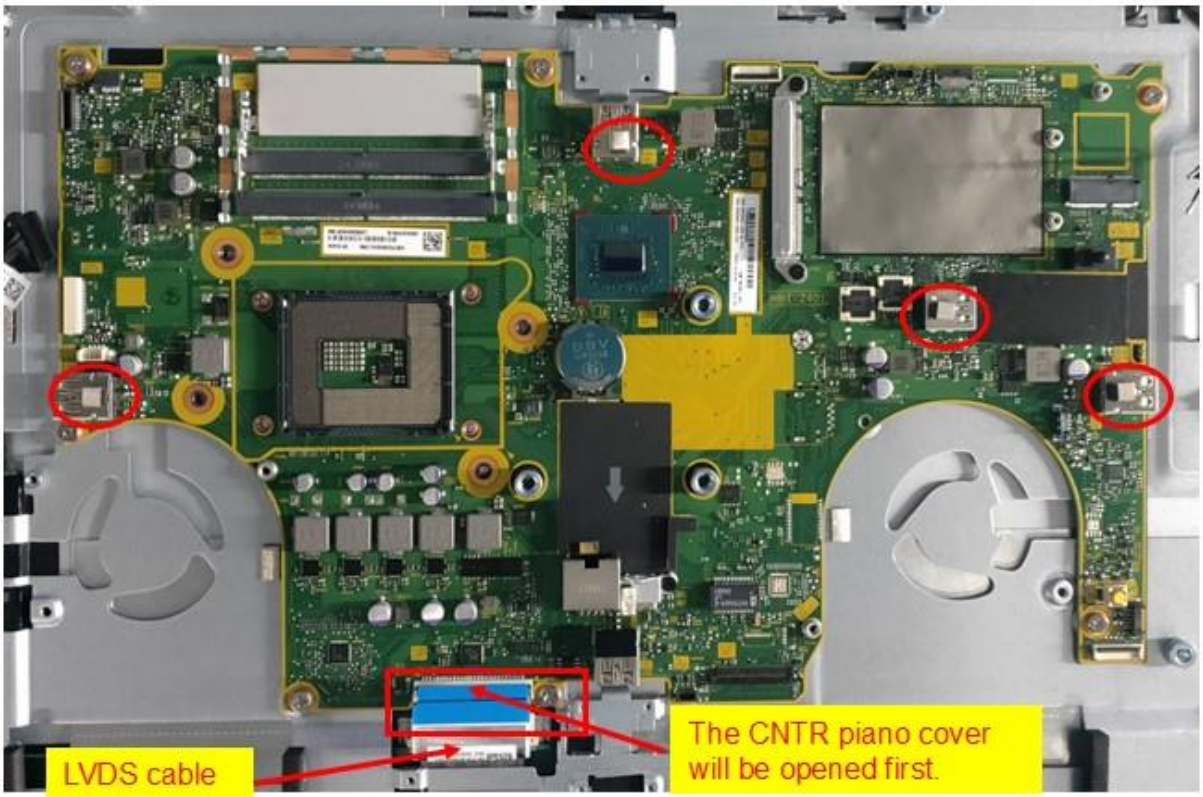
Document No. : Disassemble SOP Station: 14(1/3)

Operation Name : Remove Gasket and EDP cable Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove the Gasket from the USB. (Photo 1)
2. Remove the LVDS cable from the MB. (Photo 1)

Photo 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 / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

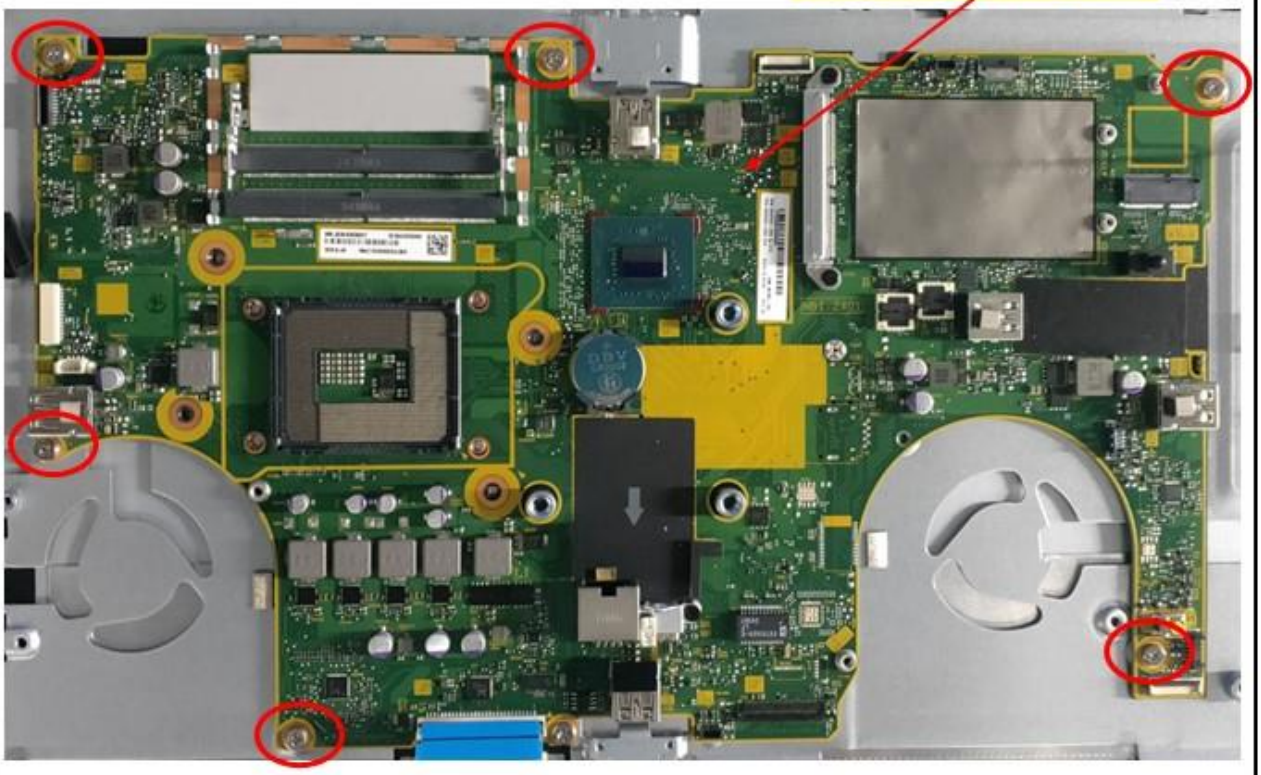
Document No. : Disassemble SOP Station: 14(2/3)

Operation Name : Remove MB Ver. :1.00 Edit date: 2024/12/10

Step :

1. Remove 7pcs screws and take out MB. (Photo 1)
   - Torque force : 3.0 ± 0.2 Kgf · cm
   - The screw does not slip.

Photo 1



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

Fixture list (Spec.)	Qty	Symbol
Electric Screwdriver (PH2)	1	Safe / Quality / Order / Fixture / Hear / Look / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

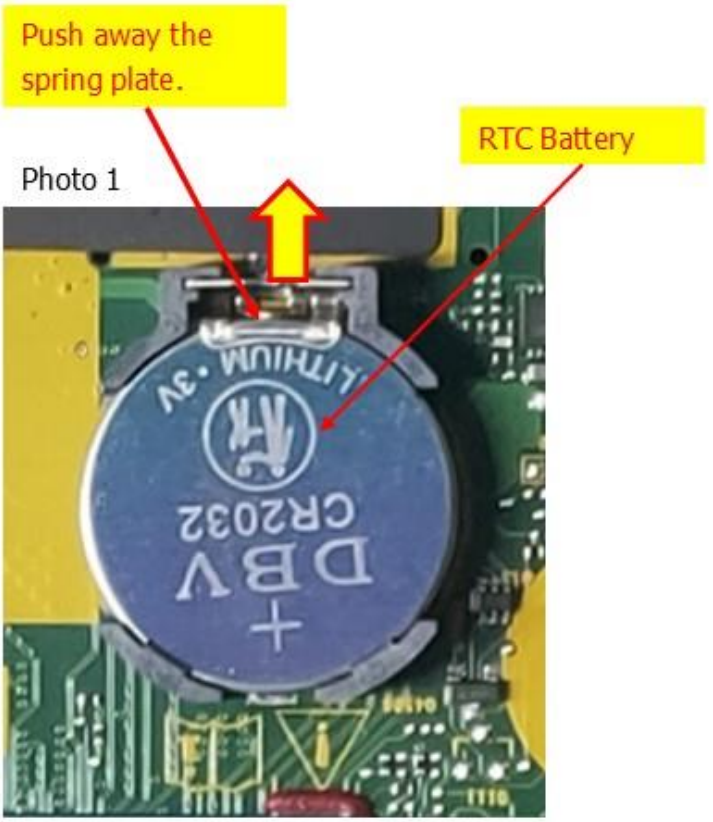
Document No. : Disassemble SOP Station: 14(3/3)

Operation Name : Remove RTC Battery Ver. : 1.00 Edit date: 2024/12/10

Step :

1. Push away the spring plate and remove the RTC Battery from MB.(Photo 1)

Photo 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 / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 15(1/2)

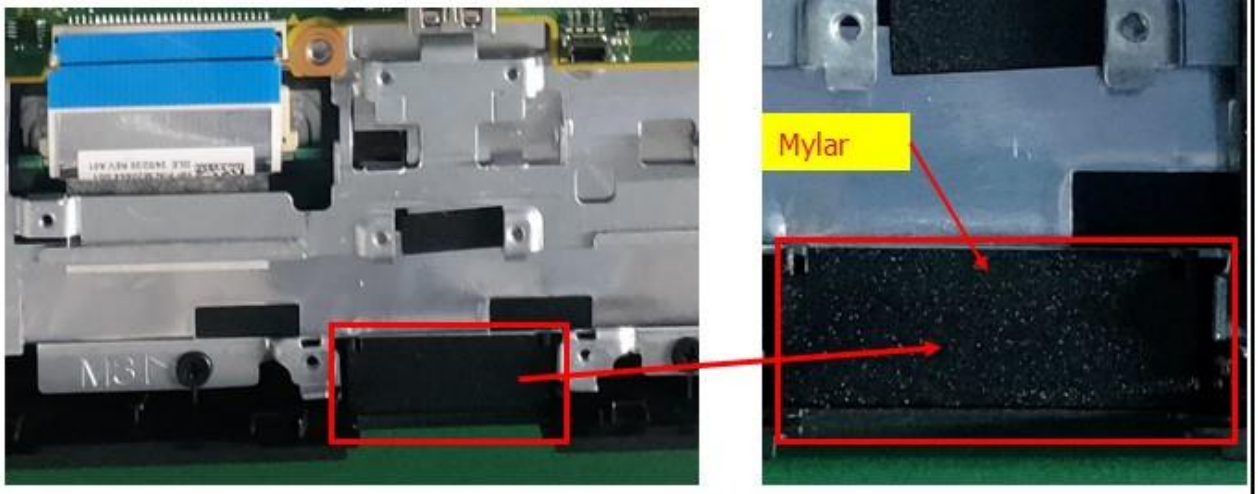
Operation Name : Remove Mylar Ver. :1.00 Edit date: 2024/12/10

Step :

For 19" & 23"

1. Remove 1pcs Mylar。

Photo 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 / Do / Static

Prepared : Zhou.gui-ling Issued : IE department

Standard Operation Procedure

Document No. : Disassemble SOP Station: 15(2/2)

Operation Name : Remove M/B rubber Ver. :1.00 Edit date: 2024/12/10

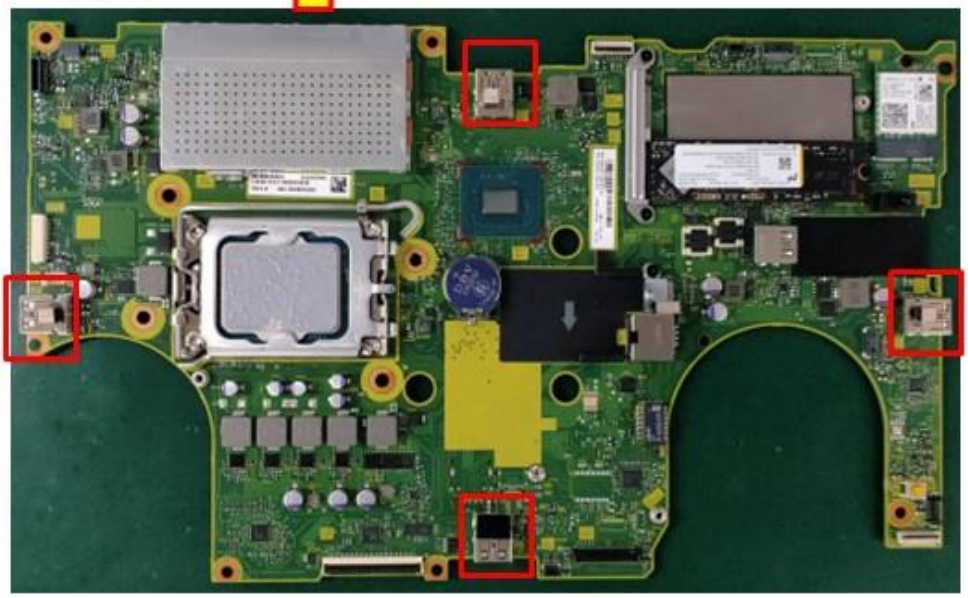
Step :

For 15"

1. Remove M/B rubber*4pcs. (Photo 1)



Photo 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 / Do / Static

Prepared : Zhou.gui-ling Issued : IE department