

KAPOK Standard Operation PROCEDURE Operation Instructions Job Name

The validity period of the SOP on this page is: 2023/10/07---2024/01/07

model		Process Code	File Number	Version	Production Date	Station	Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx	Check the back cover	Establish	1		IE-2319	Reference 3		2023.07.06	1	6-1/16	1	4-1/31	
B O M	NO.	Description	Parts Number	Q'TY	1	Torque	s/notes: 1. Wear an electrostatic bracelet FOR Mouse customers				Tools/Supplies: 1. Soft protective film 2. Protective film cutting jig 3. Static electricity bracelet 4. Knife 5. Jig for attaching protective film to back cover - Jig code: NJ70 jig for attaching protective film to back cover/01		
		A back cover by s/o											
		B Back cover protective film 6-40-NJ701-010				NJ70xx FOR Mouse customers							
		C Back cover protective film 6-40-NJ751-020		1	1	NJ75xx during operation							

Hold

do

explain

bright

1. Take the back cover (Ax) and check the appearance according to the standard. Cut a soft protective film of appropriate size and stick it on the back cover.

Note: 1. Check that the logo on the back cover must be pressed correctly, no words may be dropped, no words may be offset, and the neutral logo must be pasted correctly.

2. Press the logo back and forth 3 to 5 times, and peel off the protective film on the logo in parallel.

3. Paste a small protective film on the logo, and finally apply a soft protective film

2 For LCD: 6-50-NBB35-Z131----Use a knife to cut off the RIB shown in the figure, and it needs to be cut flat

3-1 FOR Mouse customers: Take the back cover protective film (B) and place it on the back cover protective film attachment jig as shown in the figure, and place the back cover on the jig to attach it

3-2 FOR Mouse customers: Take the back cover protective film (C) and place it on the back cover protective film attachment jig as shown in the figure, and place the back cover on the jig to attach it.

model		Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx	Lala glue	Establish	1	IE-2319	Reference 3	2023.07.06	1	6-2/16	1	4-2/31		
B O M	NO.	Description	Parts Number	Q'TY 4	Torque	Remark	quality points/notes: 1. Wear an electrostatic bracelet during work			Tools/Supplies: 1. Static electricity bracelet		
	A	Lala glue	6-47-0019A-35R-1/35U-1									

This page is for NJ70MU LCD:6-50-NBB35-Z021



1. Stick the zipper (A)*4 on the back cover along the marked line as shown in the picture.
- 2 Remove the pull-off adhesive paper

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model		Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx	Lala glue	Establish	1	IE-2319	Reference 3	2023.07.06	1	6-3/16	1	4-3/31		
B O M	NO.	Description	Parts Number	Q'TY 4	Torque	Remark	quality points/notes: 1. Wear an electrostatic bracelet during work			Tools/Supplies: 1. Static electricity bracelet		
	A1	Lala glue	6-47-0019A-35R-1/35U-1	4								
	A2	Lala glue	6-47-0019L-030			For NJ75AU						

Hold

do

explain

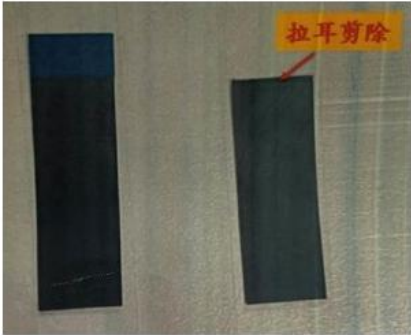
bright



1. When using a robotic arm to attach the LCD, cut off the tail of the pure pull-on rubber (6-47-0019L-026/027/028/029/030/02A/02B/02C)

2. Stick the zipper (A)*4 on the back cover along the marked line as shown in the picture.

3. Remove the pull-up adhesive release paper



model		Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx	Lala glue	Establish	1		IE-2319	Reference 3	2023.07.06	1	6-4/16	1	4-4/31	
B O M	NO.	Description	Parts Number	Q'TY	4	Torque	Remark quality points/notes: 1. Wear an electrostatic bracelet during work				Tools/Supplies:	
	A1	Lala glue	6-47-0019A-35R-1/35U-1	4							1. Static electricity bracelet	
	A2	Lala glue	6-47-0019L-030				For NJ75AU					

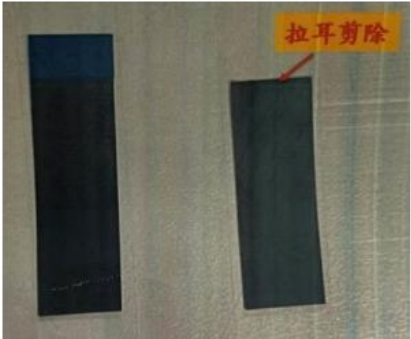
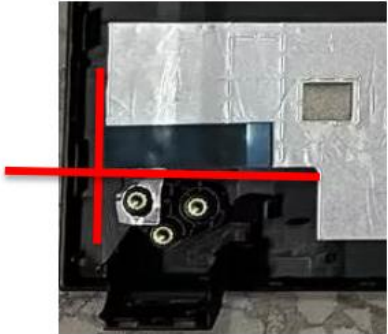
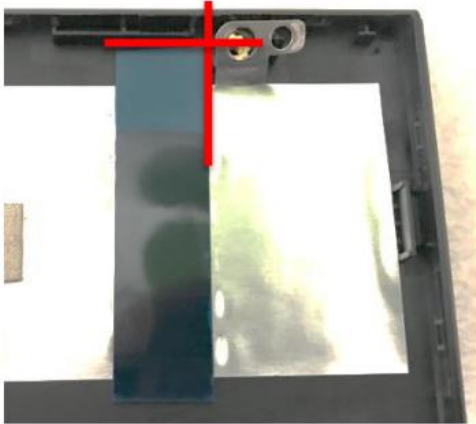
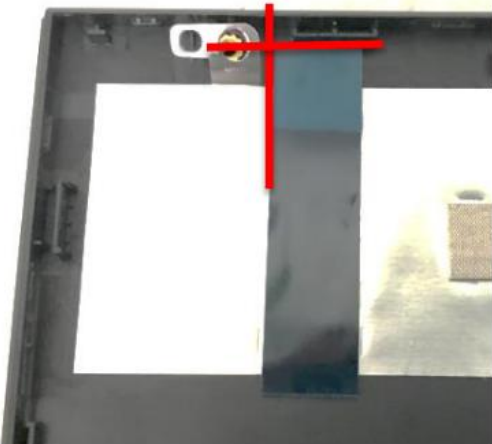
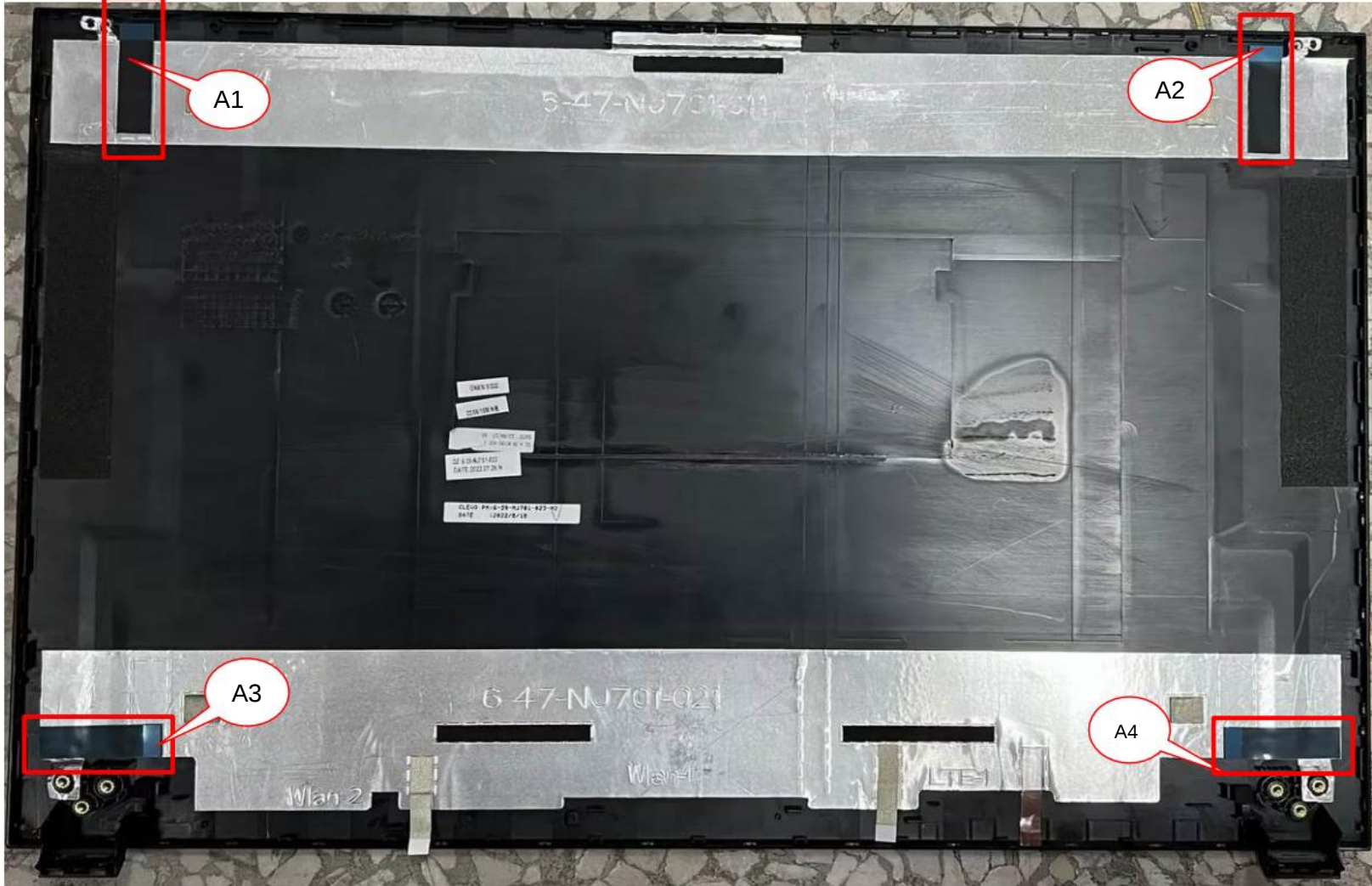
Hold

do

explain

bright

This page is for LCD:6-50-NBB35-Z172



1. When using a robotic arm to attach the LCD, cut off the tail of the pure pull-on rubber (6-47-0019L-026/027/028/029/030/02A/02B/02C)

2. Stick the zipper (A)*4 on the back cover along the marked line as shown in the picture.

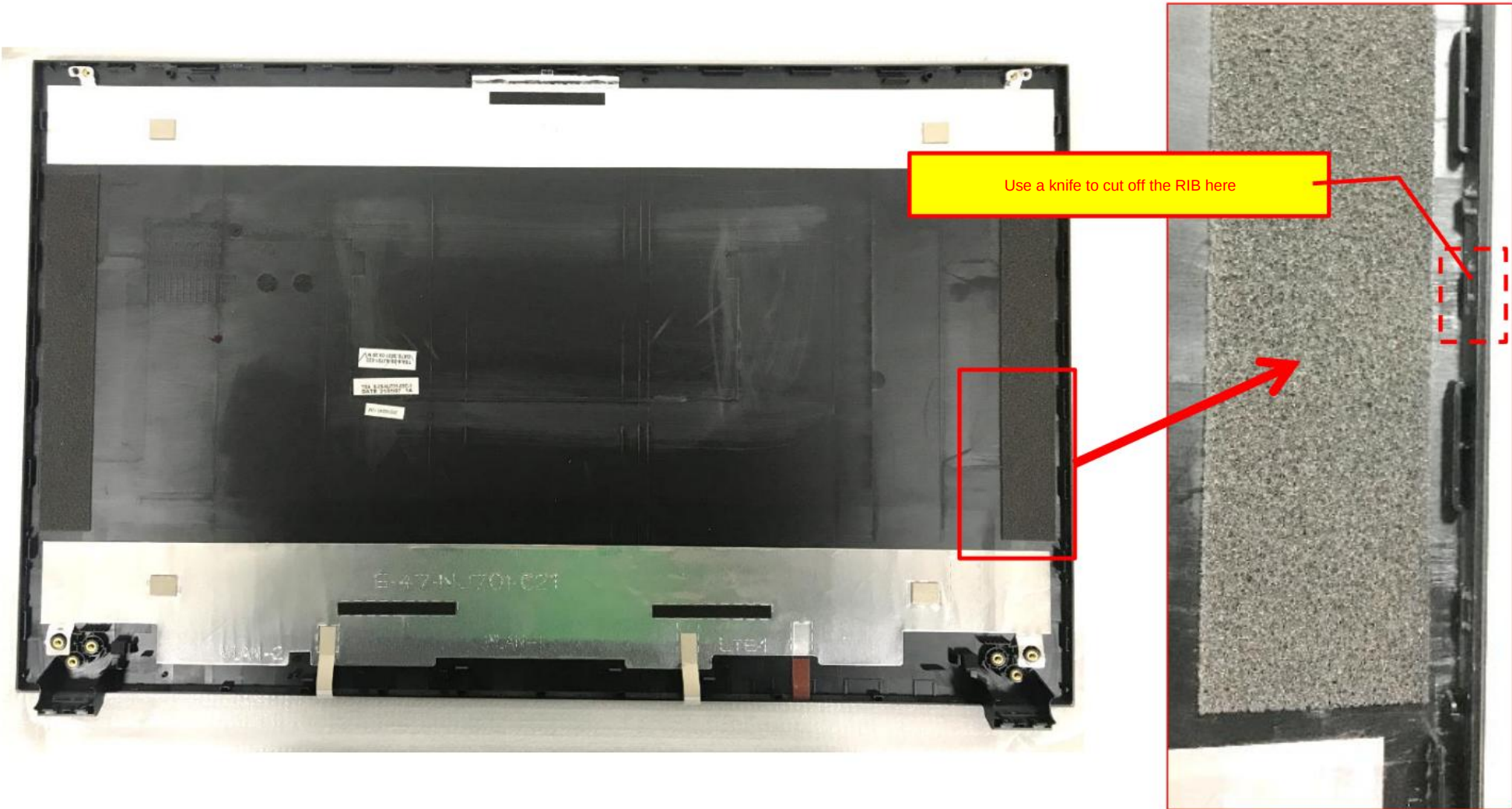
3. Remove the pull-up adhesive release paper

model		Process specific code	File number version	production date	site type (small)	page number (small)	site type (large)	page number (large)		
NJ7xx	Sharpen RIB	assembly	1	IE-2319	Reference 3	2023.07.06	1	6-5/16	2	2-1/31
B O M	NO.	Description	Parts Number	Q'TY	Torque	Remark quality points	notes: 1. Wear an electrostatic bracelet during work Tools/Supplies: 1. Static electricity bracelet 2. Knife			

Hold

do

explain



1 For LCD: 6-50-NBB35-Z131----Use a knife to cut off the RIB as shown in the figure, and it needs to be cut flat

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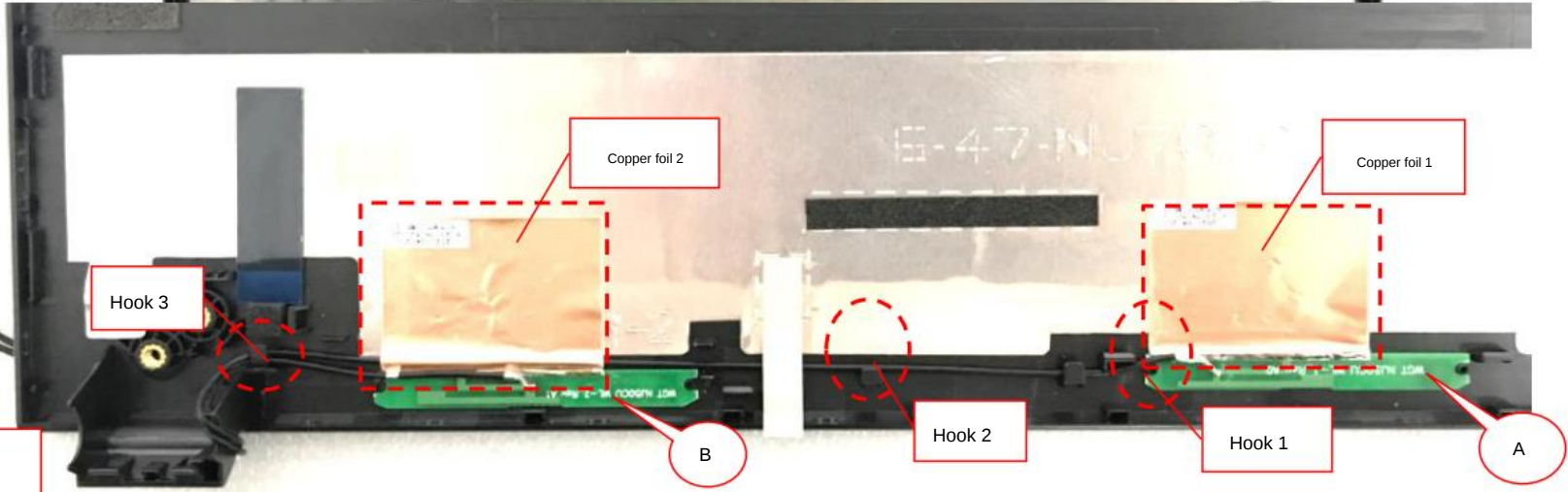
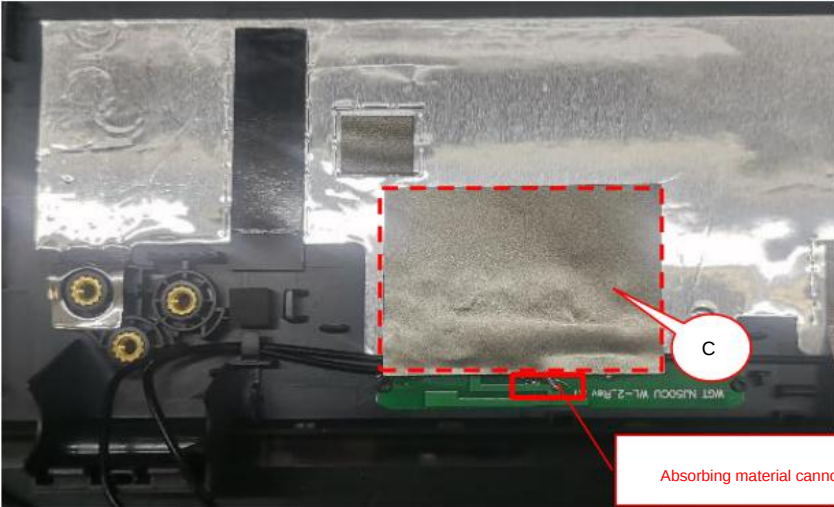
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model		Process Code		File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)		
NJ7xx		Install Wlan antenna		Establish	1	IE-2319	Reference 3	2023.07.06	1	6-6/16	2	2-2/31
B O M	NO.	Description	Parts Number	Q'TY 1	Torque	Remark	Quality Key Points/Precautions: Standard 1. Wear an electrostatic bracelet as standard during work BY THE WAY					Tools/Supplies: 1. Static electricity bracelet
	A Wlan-1	antenna	6-23-7NJ50-010									
	B Wlan-2	antenna	6-23-7NJ50-021	1								
	C absorbing	material	6-47-NP608-020	1								

Hold

do

explain



1. Tear off the adhesive on the Wlan-1 antenna (A) body and install it on the back cover as shown in the figure.
2. Tear off the adhesive on the copper foil 1, and stick the copper foil 1 vertically on the back cover, as shown in the figure. Place the Wlan1 antenna in the hooks 1 and 2. Be **careful**
not to press the Wlan-1 antenna against the conductive cloth that comes with the incoming material.
3. Tear off the adhesive on the Wlan-2 antenna (B) body, align it with the card points on the back cover and install it on the back cover as shown.
4. Peel off the adhesive on the copper foil 2 and stick the copper foil 2 vertically on the back cover.
- Note that copper foil 2 needs to press the Wlan-1 antenna**
5. As shown in the figure, place the Wlan1&2 antenna in the 3 hooks. 6.
- Attach the absorbing material (C) to the position shown in the picture - the position with the adhesive is facing up. The absorbing material cannot cover the contacts.

model		Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)		
NJ7xx	Post RUBBER	Establish	1	IE-2319	Reference 3	2023.07.06	2	4-1/16	3	2-1/31	
B O M	NO.	Description	Parts Number	Q'TY 4	Torque	Remark	quality key points/notes: 1. Wear an electrostatic bracelet during work Tools/Supplies: 1. Static electricity bracelet				
	A RUBBER		6-47-NH501-021								
This page is for manual attachment of LCD											

Hold

do

explain

bright

1

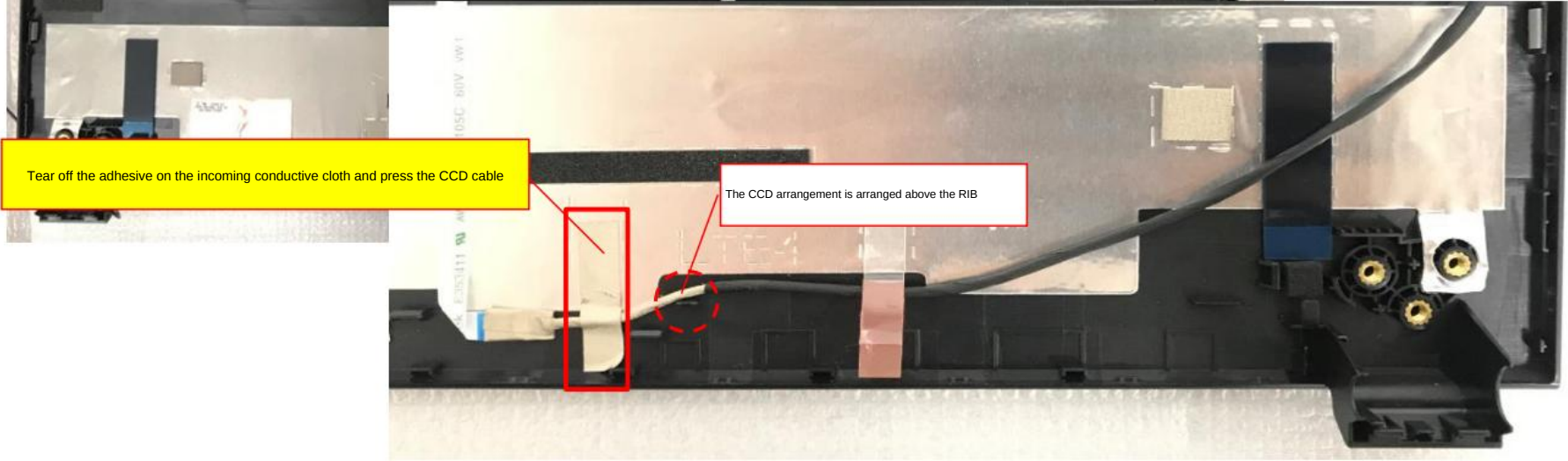
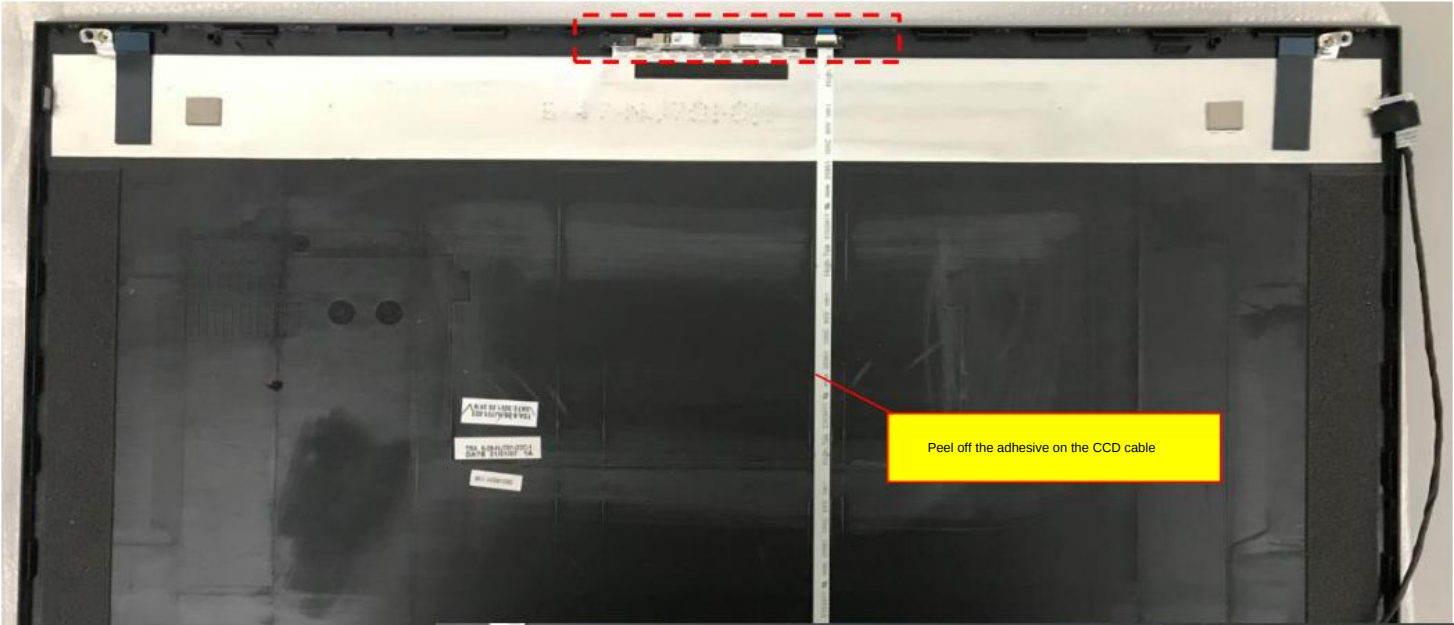
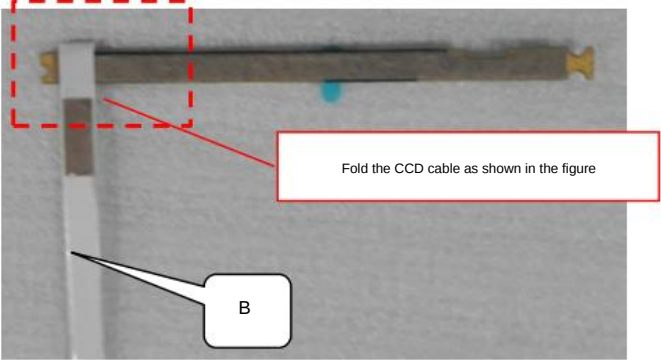
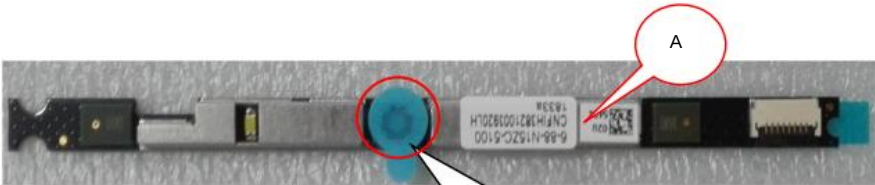
model				Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)		
NJ7xx		Install CCD		Establish	1		IE-2319	Reference 3	2023.07.06	2	4-2/16	3	2-2/31
B O M	NO.	Description	Parts Number	Q'TY	1	Torque	Remark quality focus	notes: 1. Wear an electrostatic bracelet during work				Tools/Supplies: 1. Static electricity bracelet	
	A1 CCD		6-88-N15ZC-4900/5100/5102				By S/O						
	A2 CCD		6-88-X17JC-4900	1			By S/O						
	B CCD cable		6-43-NB70T-012/011/-1	1			By S/O						

Hold

do

explain

bright



1. Tear off the blue protective film on the CCD (A) lens. 2. Take the CCD cable (B) and insert it into the CCD interface, and fold the CCD cable as shown in the figure.

3. Take the processed CCD, tear off the adhesive on the body, and install it on the back cover as shown in the picture.

4. Tear off the adhesive tape on the CCD cable and arrange the CCD cable through the cable trough 1 according to the diagram.

Note: 1. Fold the conductive cloth at the end of the CCD cable in half

2. The CCD cable needs to be arranged into the groove of the back cover.

5. Tear off the adhesive on the incoming conductive cloth, as shown in the attached picture

Note: 1. The conductive cloth needs to press the CCD cable

2. The CCD cable is arranged above the RIB. Do not press the CCD cable. Mylar is included with the incoming material.

model				Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx		Install 3G antenna		Establish	1	IE-2319	Reference 3	2023.07.06	2	4-3/16	4	3-1/31		
B O M	NO.	Description A	Parts Number	Q'TY 1	Torque	Remark	quality key points/precautions: Optional 1. Wear an electrostatic bracelet during work					Tools/Supplies: 1. Static electricity bracelet		
	3G-1 antenna		6-23-7NJ50-030											

Hold

do

explain

bright

The following steps 1 and 2 are for 3G-1 antenna operation

1. Tear off the adhesive on the 3G-1 antenna (A) body, align it with the back cover as shown in the figure and install it on the back cover.
2. Peel off the adhesive on the copper foil 1 and stick the copper foil 1 vertically on the back cover.

Note: Copper foil 1 needs to press the CCD cable

3. Tear off the mylar adhesive that comes with the incoming material and attach it as shown in the picture, and arrange the 3G-1 antenna & CCD cable through slot 1 & hook 1 according to the picture.

Note: mylar needs to hold down the CCD cable

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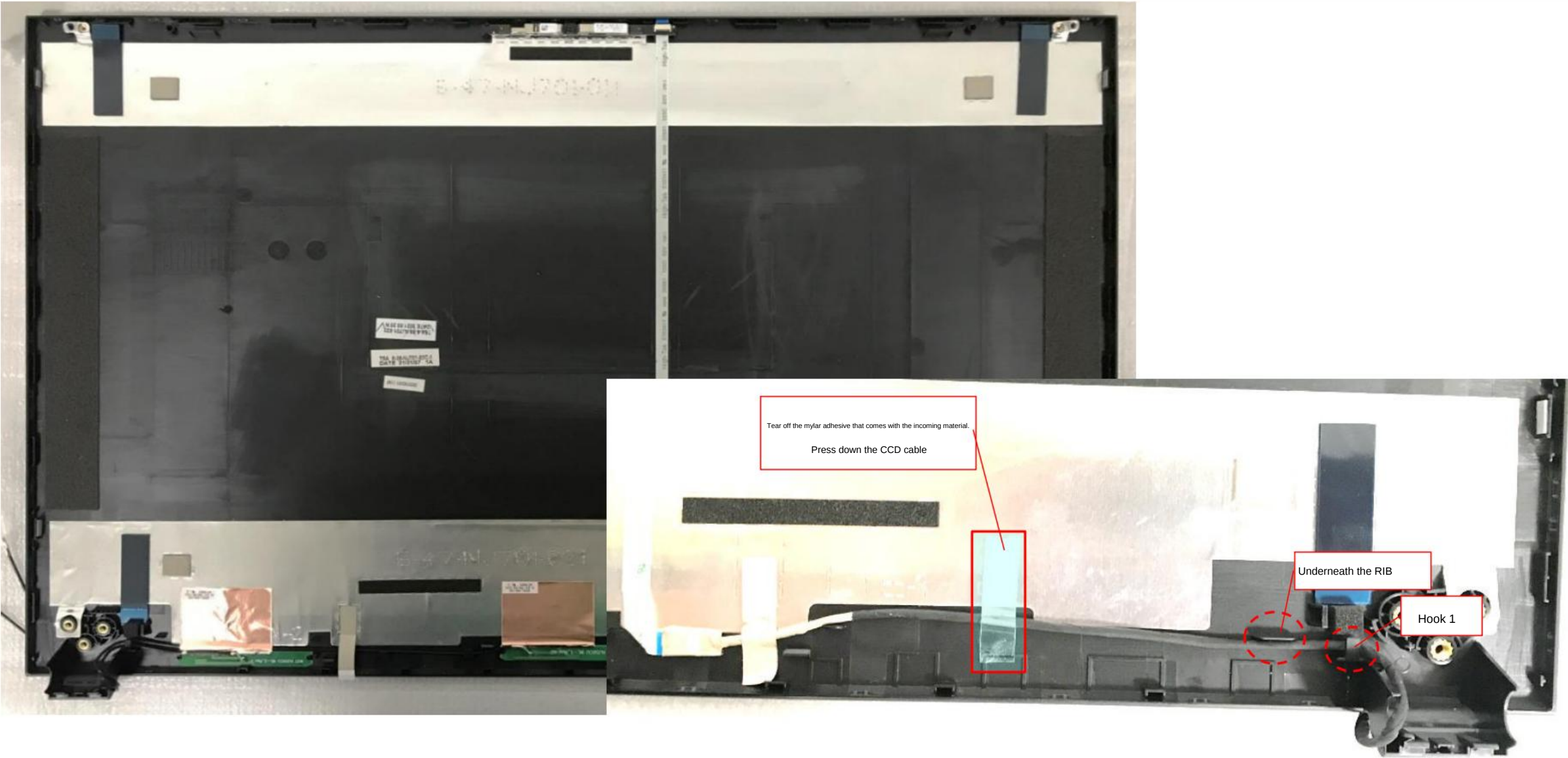
model		Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)		
NJ7xx	Fixed CCD cable	Establish	1	IE-2319	Reference 3	2023.07.06	2	4-4/16	4	3-2/31	
B O M	NO.	Description	Parts Number	Q'TY	Torque	Remark	quality key points/notes: 1. Wear an electrostatic bracelet during work		Tools/Supplies: 1. Static electricity bracelet		

Hold

do

explain

bright



Tear off the mylar adhesive that comes with the incoming material.
Press down the CCD cable

Underneath the RIB

Hook 1

The following step 1 is for the 3G-1 antenna operation

1. As shown in the figure, connect the CCD cable to the aluminum foil through hook 1, and tear off the Mylar adhesive that comes with the incoming material and attach it as shown in the figure.

1

model				Process specific code	File number version production date		site type (small) page number (small) site type (large) page number (large)					
NJ7xx		Post RUBBER		Establish	1	IE-2319	Reference 3	2023.07.06	3	3-1/16	4	3-3/31
B O M	NO.	Description	Parts Number	Q'TY 2	Torque	Remark quality key points/notes: Operations other than NJ75 models 1. Wear an electrostatic bracelet during operation			Tools/Supplies: 1. Static electricity bracelet			
		A RUBBER (ground side) 6-47-NH551-020		2								
		B RUBBER (sky side) 6-47-NH701-060			FOR LCD 6-50-NBB35-V020/V010/V011							
		C RUBBER (sky side) 6-47-NH581-041		2	FOR LCD 6-50-NBB35-Z131/Z171/Y170/G150/Z150/Z172							
		D RUBBER (Tianside) 6-47-NH581-051		2	FOR except LCD 6-50-NBB35-V020/V010/Z131/Z171/Y170/G150/Z150/Z172/V011							
	AND	RUBBER Sky side + left side	6-47-NH581-051	4	for NJ75xx models							
	This page is for manual attachment of LCD											

Hold

do

explain

bright

1 FOR LCD: 6-50-NBB35-V020/V010---stick RUBBER (A)*2&(B)*2 on the back cover as shown in the picture

2 FOR LCD 6-50-NBB35-Z131/Z171/Y170/G150/Z150/Z172---Paste RUBBER (A)*2& (C)*2 on the back cover as shown in the picture

3 FOR except LCD 6-50-NBB35-V020/V010/Z131/Z171/Y170/G150/Z150/Z172---stick RUBBER (A)*2& (D)*2 on the back cover as shown in the picture

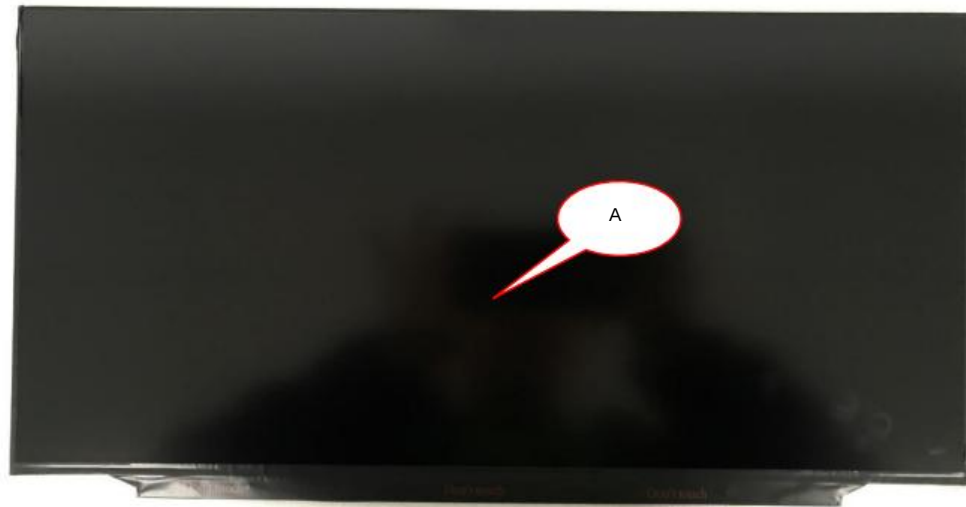
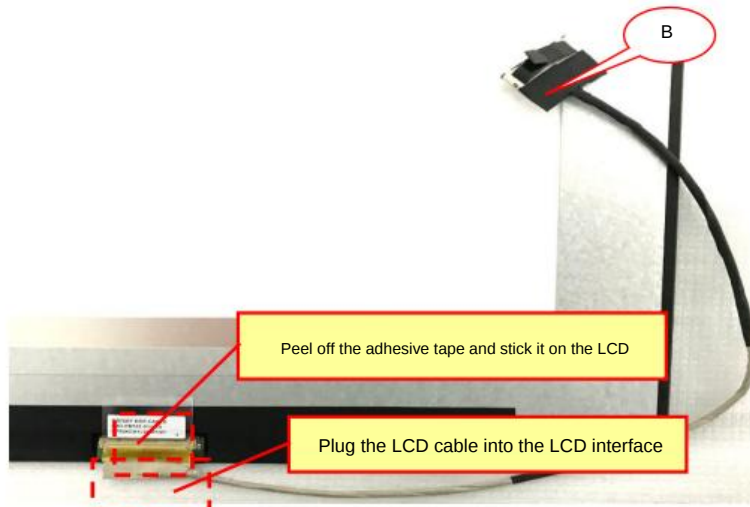
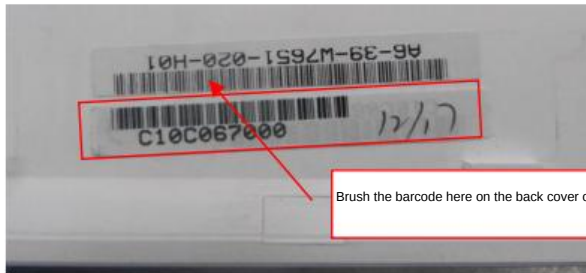
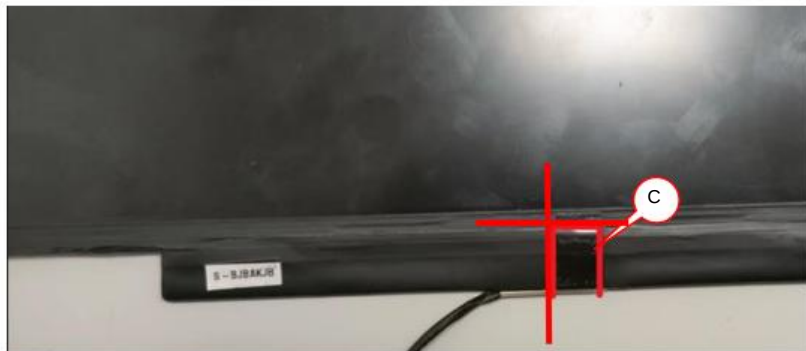
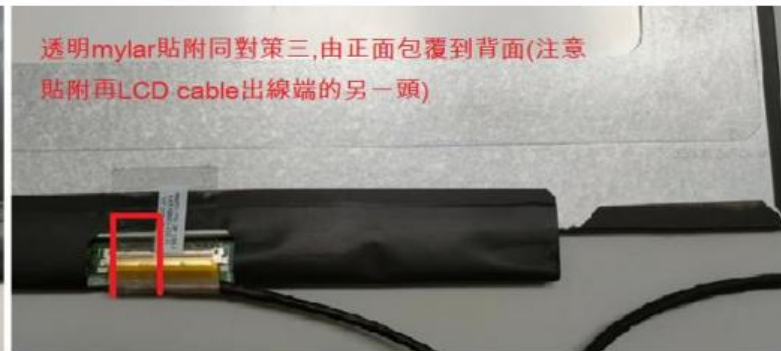
4. Take rubber (E)*4 and stick it at the location shown in the picture.

Note: The RUBBER is attached on the side, and the RUBBER cannot be higher than the RIB.

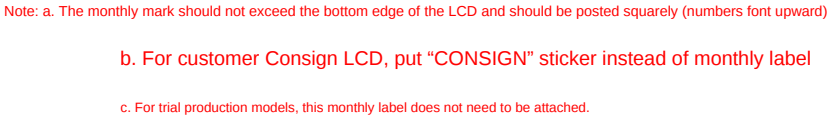
1

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model				Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx		Check LCD		Establish	1		IE-2319	Reference 3	2023.07.06	3	3-2/16	5	1-1/31	
B O M	NO.	Description	Parts Number	Q'TY 1	Torque	Remark	quality point	Notes: 1. Wear an electrostatic bracelet during work			Tools/Supplies: 1. Static electricity bracelet 2. Brushing the gun 3. Computer			
	A LCD		BY S/O											
	B1 LCD cable		6-43-NJ501-011-N/1N	1										
	B2 LCD cable		6-43-PB701-011-N/1N	1										
	B3 LCD cable		6-43-NJ7P1-010-N/1N	1										
	C MYLAR		6-40-M55J2-030	1		BY M/O								
Hold								 						
do	  							 						
explain	1 Take the LCD (A) and check the appearance according to the standard Note: Peel off the LCD protective film and check if the LCD is cracked 2. Take the process card and swipe the barcode, and place the process card on the pallet. 3. Brush the LCD barcode and the LCD bright and dark points to enter the system. 4. For the Mofa back cover, swipe the back cover barcode (Cxxxxxxx) into the system. Note: When the Mofa back cover flows down with the thread, it cannot be taken out from the non-woven bag. 5. Attach the LCD warranty sticker to the back of the LCD 6. Place the LCD in the folding jig and push the handle to fold it. For LCD: 6-50-NBB35-Z010. Data is adjusted to left 9-10.5 and right 10-11.5 For LCD: 6-50-NBB35-Z021. The data value is adjusted to left 9.5-10.5 and right 10.5-11.5 For LCD: 6-50-NBB35-L010. Data is adjusted to left 11-9.5 and right 11-12.5 For LCD: 6-50-NBB35-V010, the data is adjusted to left 11.5-10.5, right 11.5-12.5							7 Take the LCD cable (B) and insert it into the LCD interface (the LCD cable must be inserted all the way) 8. Tear off the adhesive tape on the cable tie and stick it on the LCD. 9 Attach 1pcs mylar (C) from the front to the back at the position shown in the picture above 						
bright	1							2						

bright



Note: The conductive cloth needs to press the LCD cable and Wlan-1 antenna, and the LCD cable should be arranged under the RIB.

4 Remove the LCD protective film

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model				Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)		
NJ7xx		Install Hinge on the back cover		Establish	1		IE-2319	Reference 3	2023.07.06	4	2-1/16	7	1-1/31
B O M	NO.	Description	Parts Number	Q'TY 3	Torque	Remark	quality focus/notes: Tools/consumables:						
	A screw		6-35-B6125-2R5		1.5±0.2		1. You need to wear an electrostatic bracelet					1. Static electricity bracelet	
	B Hinge-L		6-33-NJ701-L01	1			during operation 2. The hanging height of the fixture (ie: the height of the pallet y the lowest point of the fixture) y 33 cm 2. Electric screwdriver, self-supplied screw machine						
	C screw		6-35-B1120-3RD	1	1.5±0.2		3. Lock the screws in order, and be careful not to slip or miss the lock.						

Hold

do

explain

bright



1 Take Hinge-L (B) and align it 45 degrees to the side of the positioning column and install it on the back cover --- pay attention to install it under hook 1

Note: When installing Hinge, install it on the bottom first, and then on the top. Do not clip the wires.

2. Take the screws (A)*3 to lock the Hinge on the back cover.

Note: When locking Hinge, be careful not to pinch the wires.

3. Take the screw (C)*1 to lock Hinge-L on the back cover.

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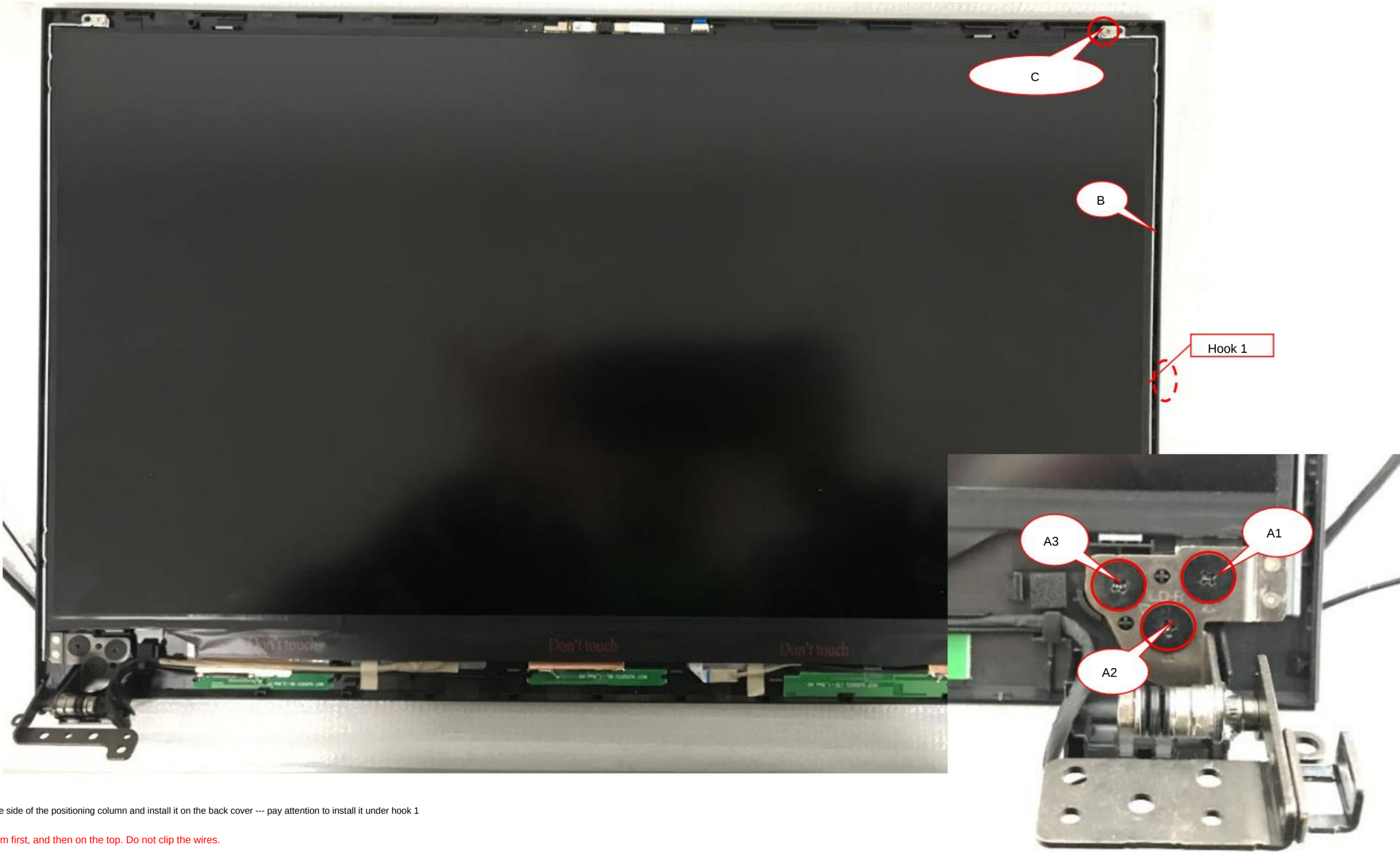
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model				Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)		
NJ7xx		Install Hinge on the back cover		Establish	1		IE-2319	Reference 3	2023.07.06	4	2-2/16	8	1-1/31
B O M	NO.	Description	Parts Number	Q'TY 3	Torque	Remark	quality focus/notes: Tools/consumables:			1. Static electricity bracelet 2. Electric screwdriver, self-supplied screw machine			
	A screw		6-35-B6125-2R5		1.5±0.2		1. You need to wear an electrostatic bracelet						
	B Hinge-R		6-33-NJ701-R01	1			during operation 2. The hanging height of the fixture (ie: the height of the pallet y the lowest point of the fixture) y 38 cm						
	C screw		6-35-B1120-3RD	1	1.5±0.2		3. Lock the screws in order, and be careful not to slip or miss the lock.						

Hold

do

explain



2 Take Hinge-R (B) and align it 45 degrees to the side of the positioning column and install it on the back cover --- pay attention to install it under hook 1

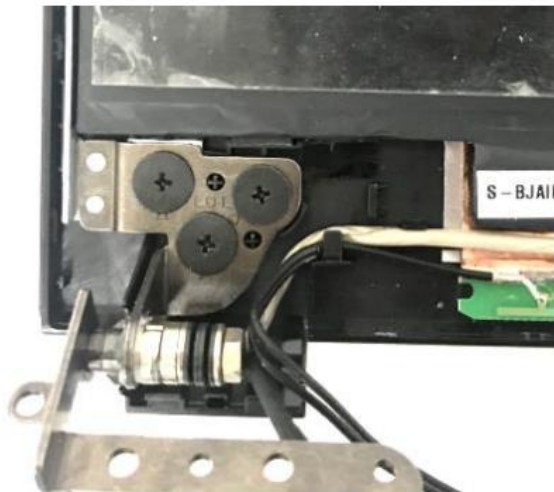
Note: When installing Hinge, install it on the bottom first, and then on the top. Do not clip the wires.

2. Take the screws (A)*3 to lock the Hinge on the back cover.

Note: When locking Hinge, be careful not to pinch the wires.

3. Take the screw (C)*1 to lock Hinge-L on the back cover.

bright

model				Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)		
NJ7xx		Card front frame		Establish	1		IE-2319	Reference 3	2023.07.06	5	3-1/16	9	3-1/31
B O M	NO.	Description A front	Parts Number Front	Q'TY 1	Torque	Remark	quality points			notes: 1. Wear an electrostatic		Tools/Supplies:	
	frame		frame material number details see page 9-3							bracelet during work		1. Static electricity bracelet	
Hold	  												
do													
explain													
bright	1. Check that the wires at the Hinge on both sides cannot run out of the hook. 2 Take the front frame (A) and check the appearance according to the standard Note: If there is double-sided tape on the incoming material side of the front frame, remove the backing tape.												

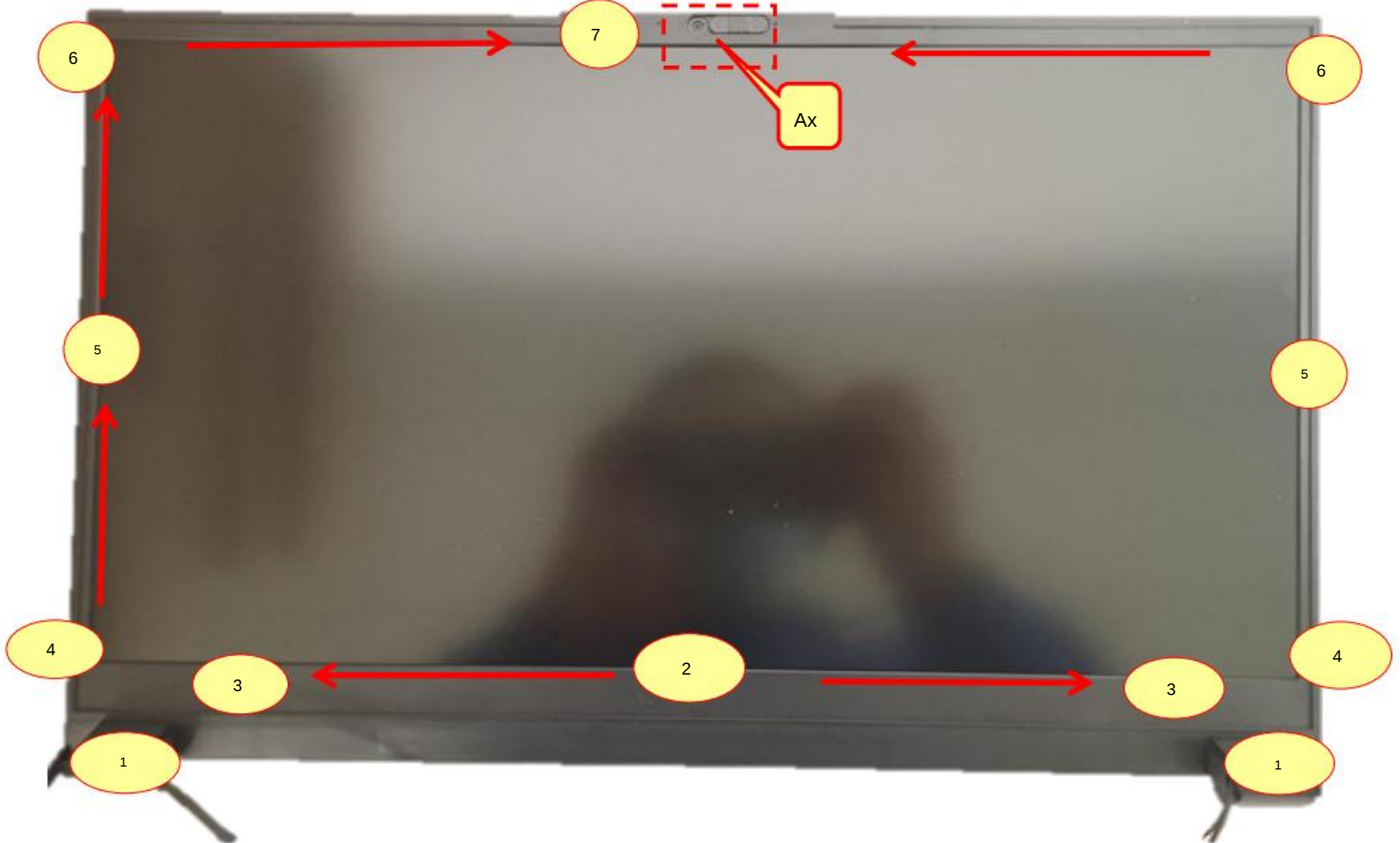
3

Hold

do

explain

bright



1 Install the front frame on the back cover, and click the hooks shown in the Hinge picture on both sides

2 Follow the sequence shown in the figure and press the front frame manually

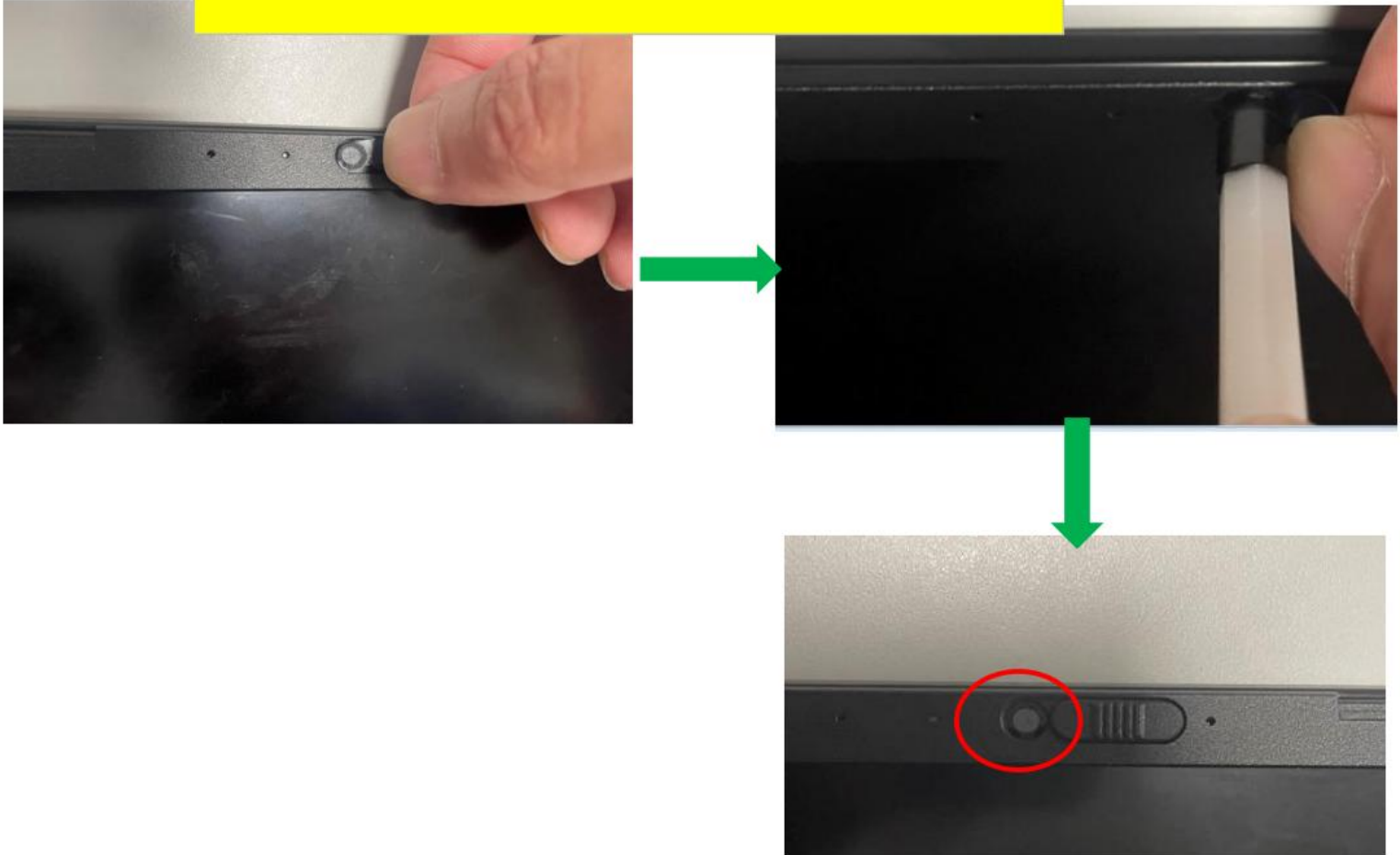
Note that when engaging both sides (number 5 in the picture), first pull outward and then press inward 3.

Pull all the wires on the left hinge back and forth 2 to 3 times. Check that the front and rear covers are combined with the left hinge and the wire 4 cannot be caught. Attach the LCD back Protective film, take the CCD Lens (Ax) and install it on the front frame, with the tail facing right

Note: The small blue Mylar on the CCD Lens cannot be removed.

2

Ror NJ75xx machine operation



The following steps are for NJ75/76xx models:

1 Put back the LCD protective film, take the CCD Lens (A) and install it on the front frame, with the tail facing right

2 Use the CCD Leans jig to press the CCD Leans

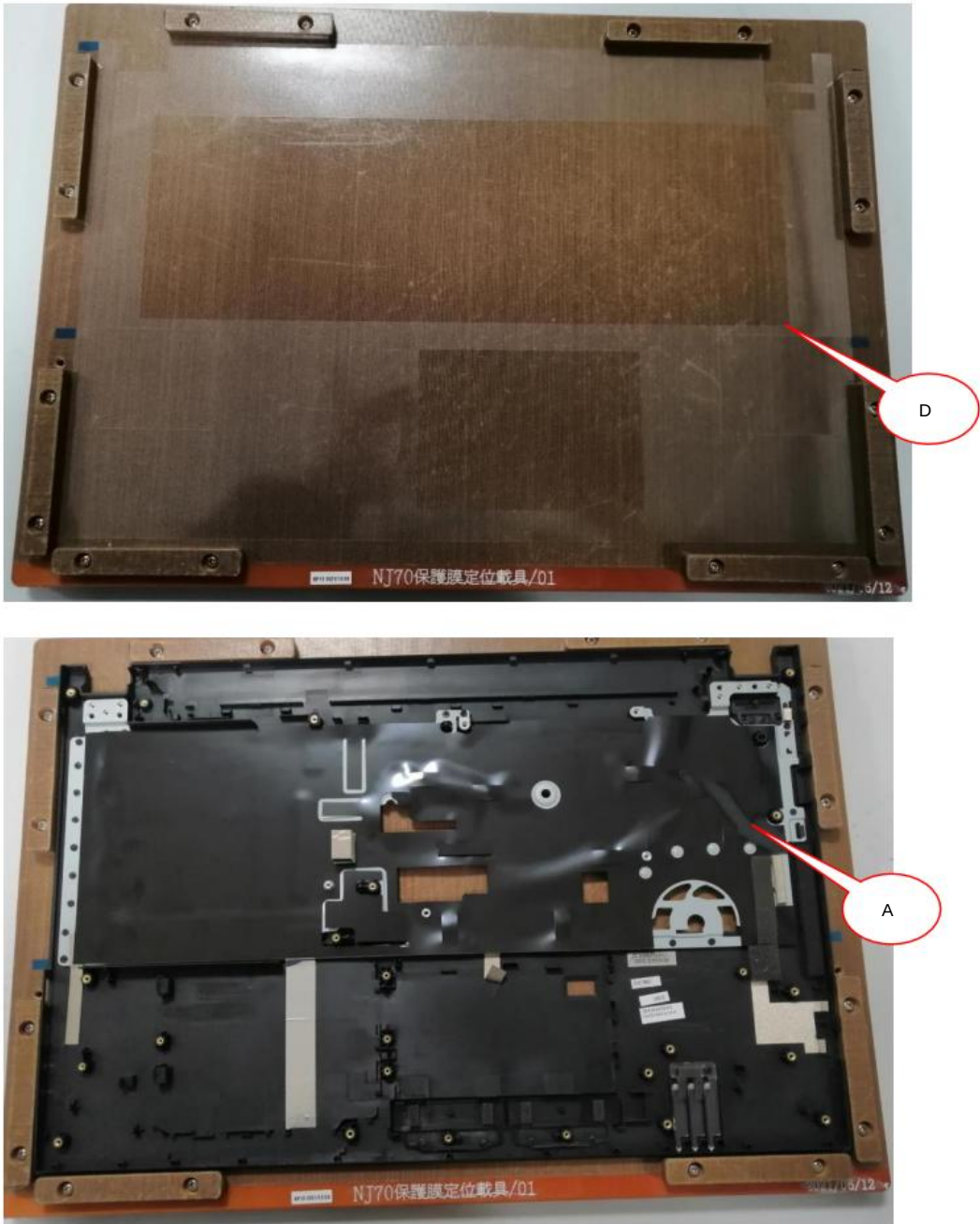
Note: The small blue Mylar on the CCD Lens cannot be removed.

3

KAPOK Standard Operation PROCEDURE Operation Instructions

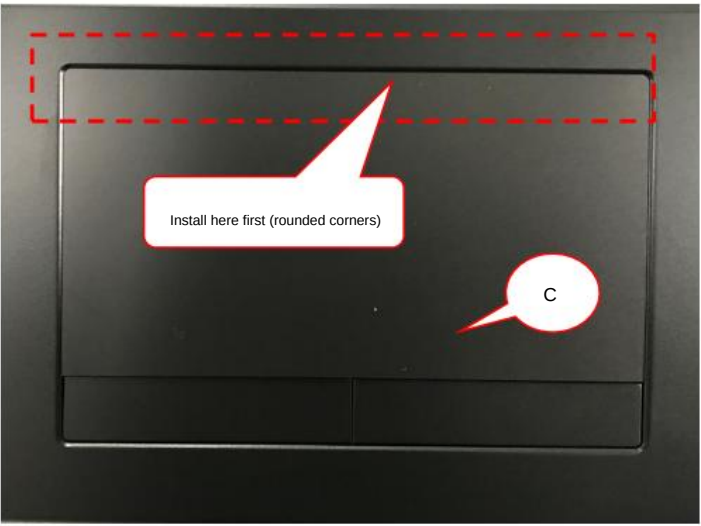
The validity period of the SOP on this page is: 2023/10/07~~~2024/01/07

model		Job name		Process code	file number	version	production date				Farewell (small)	Page (Small)	Site (Large)	Page (Large)	
NJ7xx		Front frame material number details		Establish		1	IE-2319		Reference 3		2023.07.06	5	3-3/16	9	3-3/31
B O M	NO.	Description	Parts Number	Q'TY	Torque	Remark	NO.	Description	Parts Number	Q'TY	Torque	Remark			
	A1 front frame		6-39-NJ701-012	1			A27 front frame								
	A2 front frame		6-39-NJ701-012-XX	1			A28 front frame								
	A3 front frame		6-39-NJ751-01X/-X	1			A29 front frame								
	A4 front frame						A30 front frame								
	A5 front frame						A31 front frame								
	A6 front frame						A32 front frame								
	A7 front frame						A33 front frame								
	A8 front frame						A34 front frame								
	A9 front frame						A35 front frame								
	A10 front frame						A36 front frame								
	A11 front frame						A37 front frame								
	A12 front frame						A38 front frame								
	A13 front frame						A39 front frame								
	A14 front frame						A40 front frame								
	A15 front frame						A41 front frame								
	A16 front frame						A42 front frame								
	A17 front frame						A43 front frame								
	A18 front frame						A44 front frame								
	A19 front frame						A45 front frame								
	A20 front frame						A46 front frame								
	A21 front frame						A47 front frame								
	A22 front frame						A48 front frame								
	A23 front frame						A49 front frame								
	A24 front frame						A50 front frame								
	A25 front frame						A51 front frame								
	A26 front frame						A52 front frame								

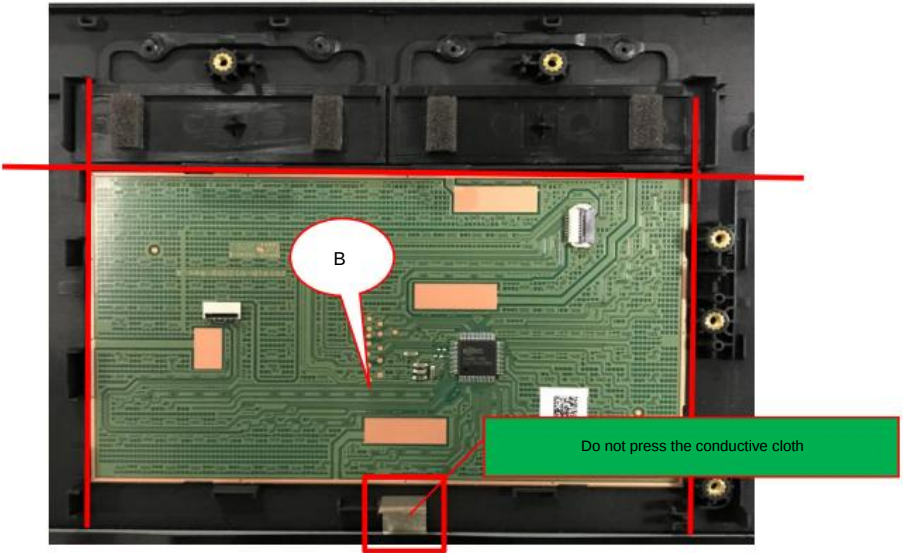
model				Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx		Check the upper cover		Establish	1		IE-2319	Reference 3	2023.07.06	6	2-1/16	10	1-1/31	
B O M	NO.	Description A1	Parts Number	Q'TY 1 1	Torque	Remark	quality focus/notes: 1. Wear an electrostatic bracelet during work					Tools/Supplies: 1. Static electricity bracelet 2. The upper cover protective film is attached to the fixture		
	Top cover	A2 Top	6-39-NJ702-014	1		BY SO 1.								
	cover B1	TP B2	6-39-NJ702-014-xx			BY SO W/								
	TP C1 TP		6-49-N15Z3-011/NH5D3-011			O FP								
	MYLAR(TOP)		6-49-N15Z3-021	1		W/ FP								
			6-40-NJ502-030/-1	1		W/O FP								
	C2 TP MYLAR(TOP)		6-40-NJ502-060/-1	1		W/ FP								
	D Upper cover protective film		6-40-NJ702-040	1		FOR MouseCustomers								
Hold														
do														
explain	1 Take the upper cover (A), remove the packaging bag, and check the appearance 2 FOR Mouse customers: Take the upper cover protective film (D) and place it on the upper cover protective film attachment jig as shown in the figure, place the upper cover on the jig and attach it							2 Paste TP Mylar (C) on the location shown in the TP icon						
bright														
1 2 3														



- 1 Take the upper cover (A), remove the packaging bag, and check the appearance
- 2 FOR Mouse customers: Take the upper cover protective film (D) and place it on the upper cover protective film attachment jig as shown in the figure, place the upper cover on the jig and attach it 4.



- 2 Paste TP Mylar (C) on the location shown in the TP icon

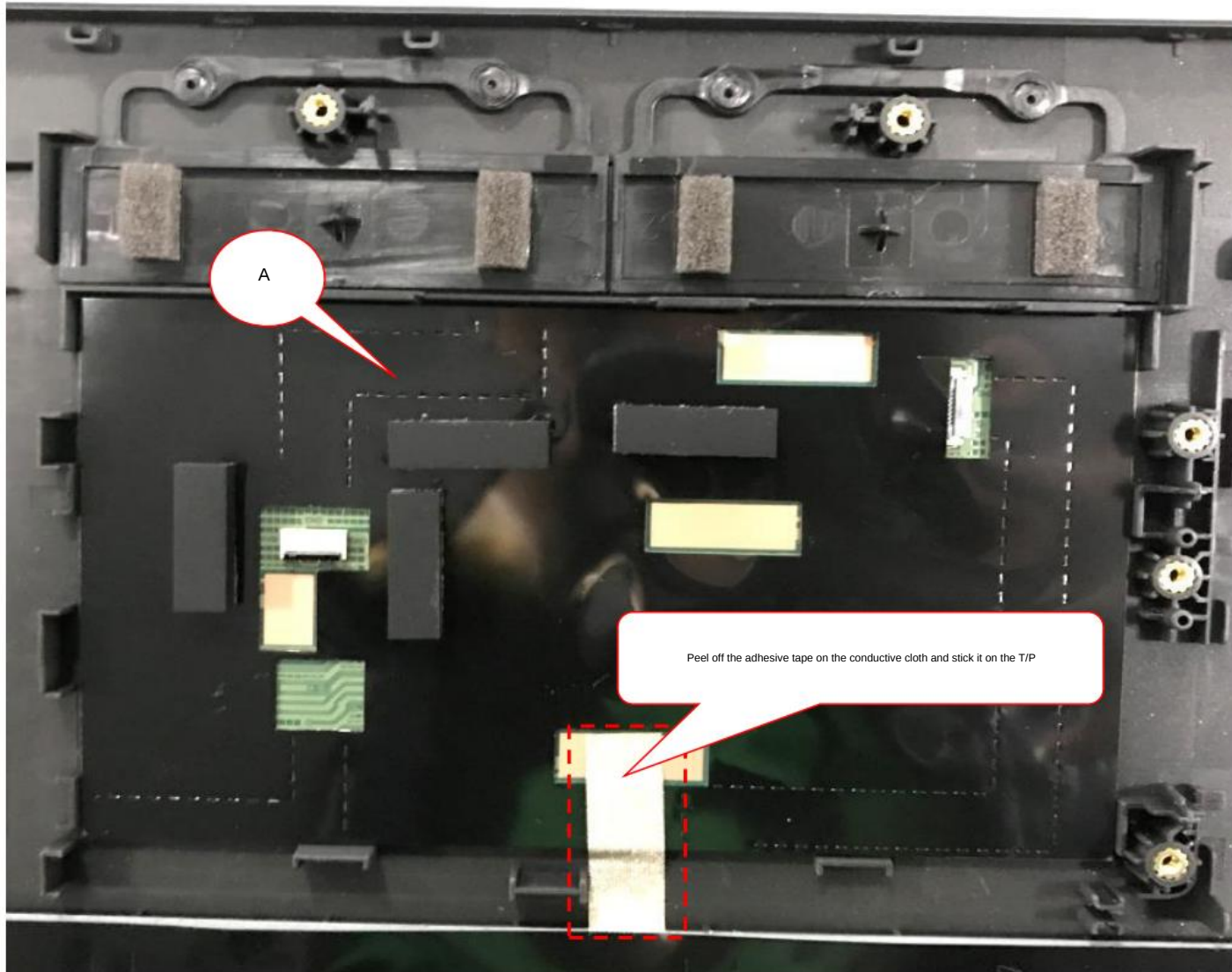


Note: 1.TP needs to be flat and cannot overwhelm the Rib

2. Be careful not to press the conductive cloth when installing TP.

KAPOK Standard Operation PROCEDURE Operation Instructions Job Name

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model			Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx		Laminated TP		Establish	1	IE-2319	Reference 3	2023.07.06	6	2-2/16	11	1-1/31	
BOM	NO.	Description	Parts Number	Q'TY	1	Torque	us/notes: 1. Wear an electrostatic bracelet during operation 2. Fixture pressing time: 5s 3. Fixture pressure: 5.9~6.9MPa/kgf/cm²				Tools/Supplies: 1. Static electricity bracelet 2.NJ70 CU TP mixing jig 3.Soft protective film 4. Protective film cutting jig		
	A TP Mylar		6-40-NJ702-030										
Hold	 NJ70 CU TP mixing jig												
do	 Peel off the adhesive tape on the conductive cloth and stick it on the T/P												
explain	1 Place the lid on the TP laminating jig Note that the upper cover is placed with the front facing up and must be placed in place. 2 Press the start button to press												
bright	3 Take TP mylar (A) and stick it on TP (right angles on top, rounded corners on bottom) 4. Tear off the backing tape of the conductive cloth and stick it on the position shown in the T/P diagram. 5 Cut a soft protective film of appropriate size and stick it on the TP of the upper cover												

model			Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx		Combine the upper cover and LCD		Establish	1	IE-2319	Reference 3	2023.07.06	7	2-1/16	12	1-1/31	
B O M	NO.	Description	Parts Number	Q'TY	6	Torque	Remark quality focus/notes: Tools/consumables:						
	A screw		6-35-82125-6RA/-1			2.0±0.2	1. You need to wear an electrostatic bracelet during operation 2. The hanging height of the fixture (ie: the height of the pallet y the lowest point of the fixture) y 38 cm 3. Lock the screws in order, and be careful not to slip or miss the lock.						

Hold

do

explain

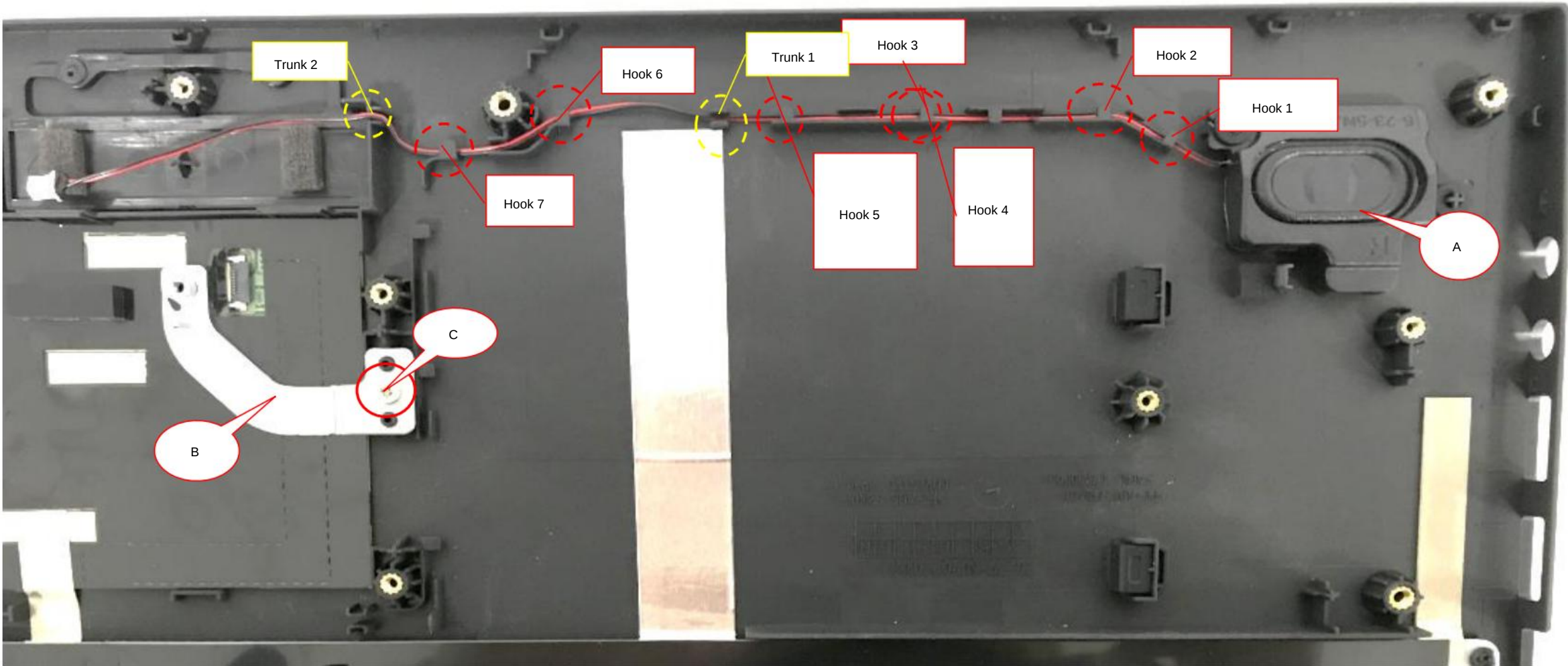
bright

1. Put a protective pad on the LCD

2 Take the upper cover and combine it with the LCD part, take out the screws (A)*6 to lock the Hinge

Note that when combining the Hinge on the right, arrange the antenna first as shown in the picture, and then combine the Hinge

设备锁固时
使用螺丝机

model			Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx		Install SPK			Establish	1	IE-2319	Reference 3	2023.07.06	7	2-2/16	13	1-1/31
B O M	NO.	Description A1	Parts Number	Q'TY 1	Torque	Remark	quality focus/notes: Tools/consumables:			Electric driver, self-supplied screw machine			
	SPK-R A2	SPK-R B	6-23-5NJ50-0R1/2				1. Wear an electrostatic bracelet during work 1. Electrostatic bracelet						
	BK screw		6-23-5NJ5P-0R1	1			2. The hanging height of the fixture (i.e.: pallet y height of the lowest point of the fixture) y 38 cm 2						
			6-35-B1120-3RD	1	1.5±0.2		3. Lock the screws in order, and be careful not to slip or miss the lock.						
	C iron parts		6-33-NJ702-021	1									
Hold	 1 Take SPK-R (A), align it with the positioning post, and install it at the position shown in the upper cover 2 Arrange SPK-R cable hooks 1, 2, 3, 4, 5, 6, 7 & cable troughs 1 and 2 on the upper cover as shown in the figure. 3 Take out the iron piece (B) and place it on the upper cover as shown in the picture, and take the screw (C)*1 to fix the iron piece on the upper cover.												
do													
explain													
bright													

1

KAPOK Standard Operation PROCEDURE Operation Instructions Job Name

The validity period of the SOP on this page is: 2023/10/07~~~2024/01/07

model				Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx		Install LID card		Establish	1		IE-2319	Reference 3	2023.07.06	8	3-1/16	14	2-1/31	
B O M	NO.	Description	Parts Number	Q'TY 1	Torque	Remark quality focus/notes: Tools/consumables:								
	A1 LID small card		6-77-N75W6-D03			1. You need to wear an electrostatic bracelet during operation 2. The hanging height of the fixture (ie: the height of the pallet y the lowest point of the fixture) y 38 cm 3. Lock the screws in order, and be careful not to slip or miss the lock.								
	A2 LID small card		6-77-NJ7M6-D01	1										
	A3 LID small card		6-77-NJ7P6-D02	1										
	B HALL SENSOR cable 6-43-P7500-012/-1			1										
	C small card screw		6-35-B1120-3RD	1	1.5±0.2									
						1. Static electricity bracelet 2. Electric screwdriver, self-supplied screw machine								

Hold

do

explain

bright

1 Take the HALL SENSOR cable (B) and insert it on the LID card (Ax) as shown in the picture

2. Take the processed LID card and install it on the top cover as shown in the picture, and take the screws (C) to fix it on the top cover.

3 Arrange the HALL SENSOR cable according to the diagram and pass it through hook 1 & cable trough 1

1

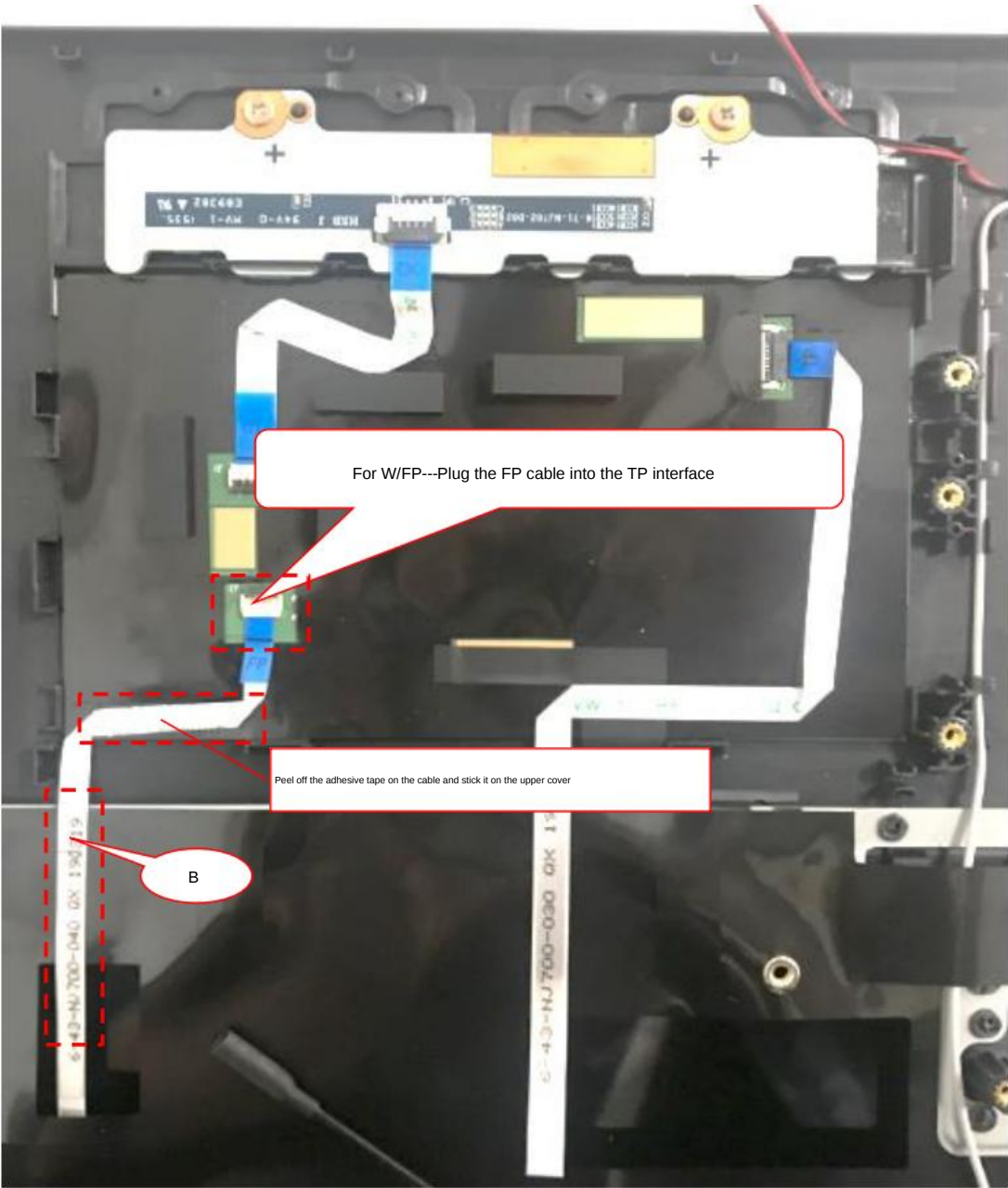
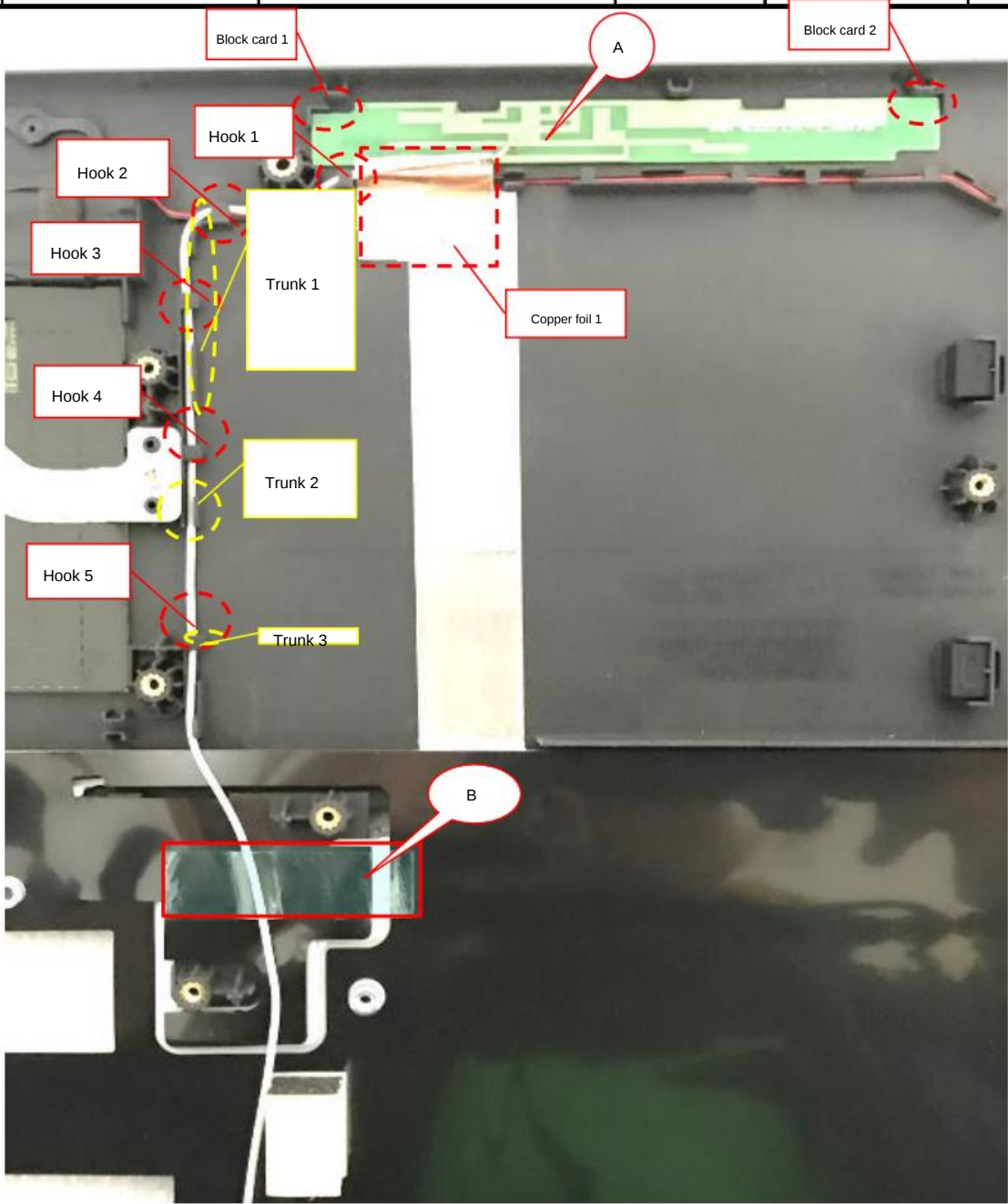
model			Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)		
NJ7xx		Install 3G-2 antenna	Establish	1		IE-2319	Reference 3	2023.07.06	8	3-2/16	14	2-2/31
B O M	NO.	Description A 3G-2	Parts Number	Q'TY 1 1	Torque	Remark	Quality Key Points/Precautions: Optional 1. Wear an electrostatic bracelet during work By M/O					Tools/Supplies: 1. Static electricity bracelet
	antenna	Mylar C FP	6-23-7W355-020	1								
	cable		6-40-M55J2-030									
			6-43-NJ700-040/-1			W/ FP						

Hold

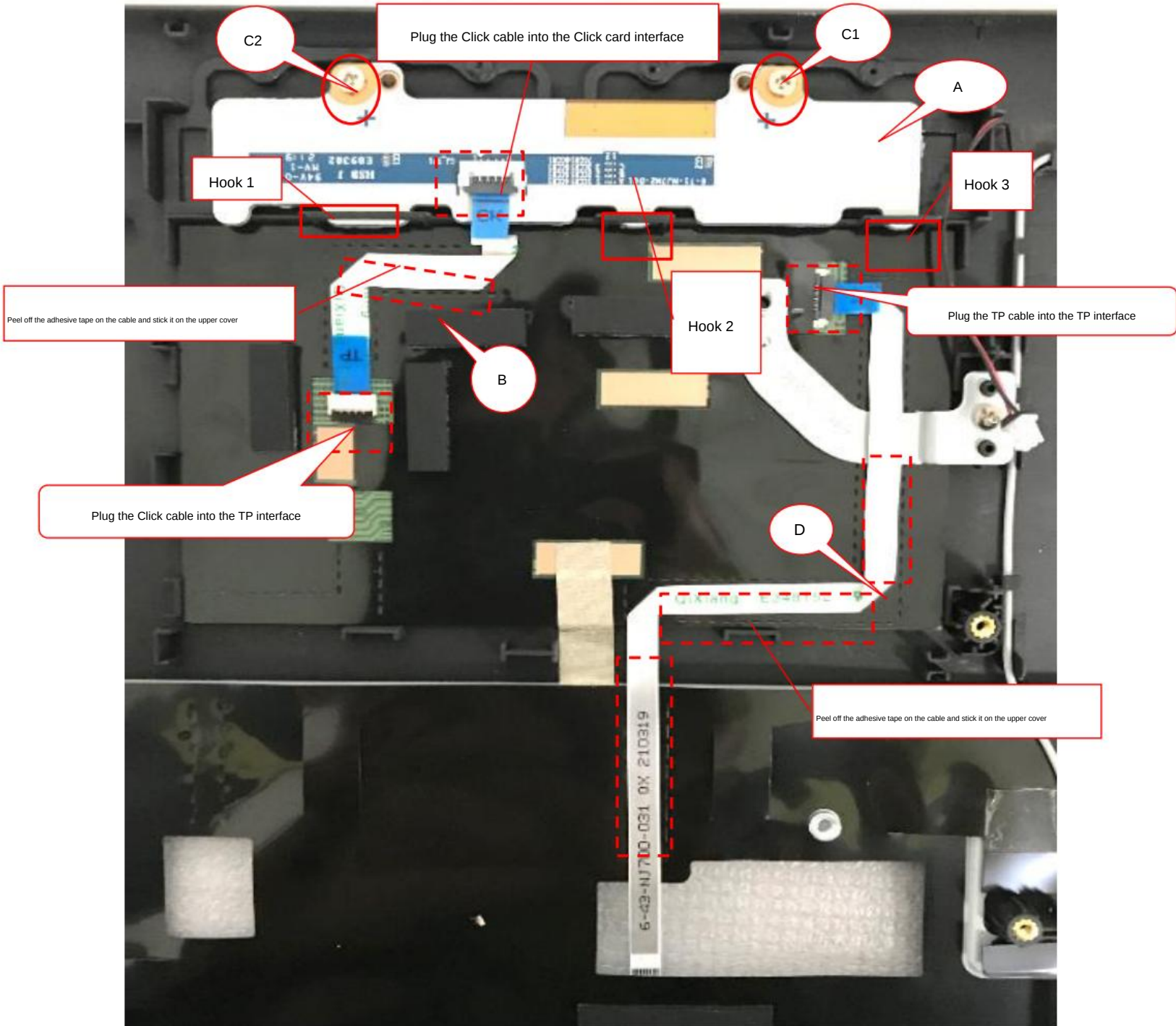
do

explain

bright



- When pin 1 comes out of the 3G-2 antenna: Tear off the adhesive on the body of the 3G-2 antenna (A), align it with the upper cover stoppers 1 and 2 and install it on the upper cover as shown.
- When 2 pins come out of the 3G-2 antenna: Tear off the adhesive on the copper foil 1 and stick it vertically on the upper cover
- Note that the copper foil needs to press the SPK line
- When the 3G-2 antenna comes out of the 3 pins: Connect the 3G-2 antenna hooks 1, 2, 3, 4, 5 & wire slots 1, 2, 3 to the upper cover as shown in the figure
- 4 As shown in the figure, attach mylar (B) to fix the 3G-2 antenna (for work when the 3G antenna is out)
5. For W/FP---take the FP cable (E) and insert it into the interface at the position shown in the TP diagram, and remove the adhesive tape from the cable and stick it on the upper cover according to the position shown in the picture.

model			Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)				
NJ7xx		Install Click card		Establish	1	IE-2319	Reference 3	2023.07.06	8	3-3/16	15	1-1/31		
B O M	NO.	Description	Parts Number	Q'TY	1	Torque	Remark quality focus/notes: Tools/consumables:							
	A1 Click card		6-77-NJ702-D02				1. Wear an electrostatic bracelet during work 1. Electrostatic bracelet							
	A2 Click card		6-77-NJ7M2-D01				2. The hanging height of the fixture (i.e.: pallet y height of the lowest point of the fixture) y 38 cm 2. Electric driver, self-supplied screw machine							
	B Click cable arrangement		6-43-NH500-051/-1				3. Lock the screws in order, and be careful not to slip or miss the lock.							
	C screw		6-35-B1120-3RD	1		1.5±0.2								
	D TP cable		6-43-NJ700-031/-1	1	2	1								
Hold														
do														
explain														
bright														
		1 Take the Click card (A) and insert the Click cable (B) into the Click card interface. 2 Install the processed Click card at the position shown in the upper cover. Note: When installing the Click card, you need to click it into the card hooks 1&2&3 first, and then install it on the top cover. 3 Take a total of 2 screws (C1~C2) to lock the Click card on the upper cover. 4 Tear off the adhesive tape of the Click cable (B) and stick it to the position shown in the picture, and insert the Click cable into the interface of the TP position shown in the picture. 5 Take the TP cable (D) and insert it into the TP interface at the position shown in the picture, and remove the adhesive tape from the cable and stick it on the upper cover according to the position shown in the picture.												

1

model		Process Code	File Number	Version	Production Date	Station	Type (Small)	Page (Small)	Station Type (Large)	Page (Large)		
NJ7xx	Install the motherboard	Establish	1		IE-2319	Reference 3		2023.07.06	9	2-1/16	16	1-1/31

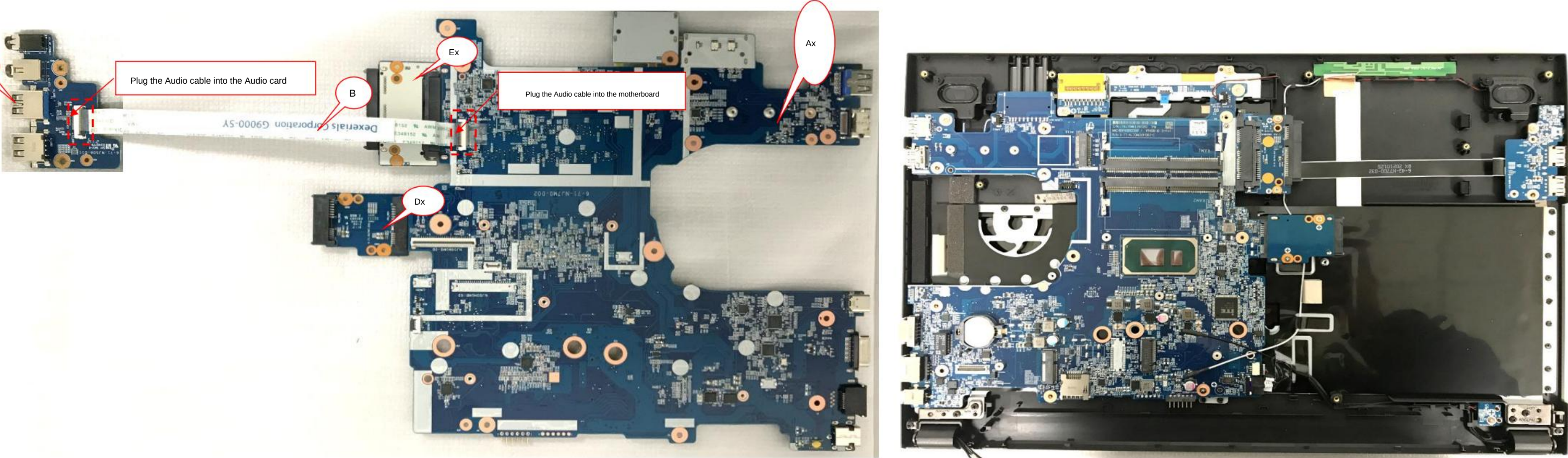
B O M	NO.	Description A1	Parts Number	Q'TY 1 1	Torque	Remark quality points	notes: 1. Wear an electrostatic bracelet during work	Tools/Supplies: 1. Static electricity bracelet
	Mainboard	6-77-NJ70CU/LU/MU00-xxx-xx A2 Mainboard	6-77-NJ70ZU/AU00-xxx-xx B1 Audio cable					
		6-43-NJ70D-032/-1 B2 Audio cable	6-43 -NJ7P0-010/-1 C1 Audio small card					
				1				
				1				
			6-77-NJ508-D03 C2 Audio	1				
	small card		6-77-NJ5M8-D02 C3 Audio	1				
	small card		6-77-NJ5P8-D02-A D1 ODD	1				
	BRIDGE small card	6-77-NJ70Z-D01 D2 ODD BRIDGE small card 6-77-		1				
	NJ7M7-D01 E1 SATA HDD small card	6-77-NJ70J-D01 E2 SATA HDD small		1				
	card 6-77-NJ7MJ-D01			1				
				1				

Hold

do

explain

bright



1 Take out the motherboard (Ax) and check the motherboard material number and version

2 Take the Audio cable (B), insert the Audio cable (with the word "MB") on the motherboard (the metal pin is facing down), tear off the Mylar release paper that comes with the cable, and fix it to the motherboard.

3. Take out the small card ODD BRIDGE small card (Dx) & SATA HDD small card (Ex) and install it on the motherboard as shown in the figure.

4. Take the Audio card (Cx), insert the Audio cable into the audio card interface (the metal pin is facing down), tear off the Mylar release paper that comes with the cable, and fix it on the Audio card

5 Install the processed MB on the upper cover

Note: When installing the motherboard, do not press the SPK-R cable & HALL SENSOR cable

1

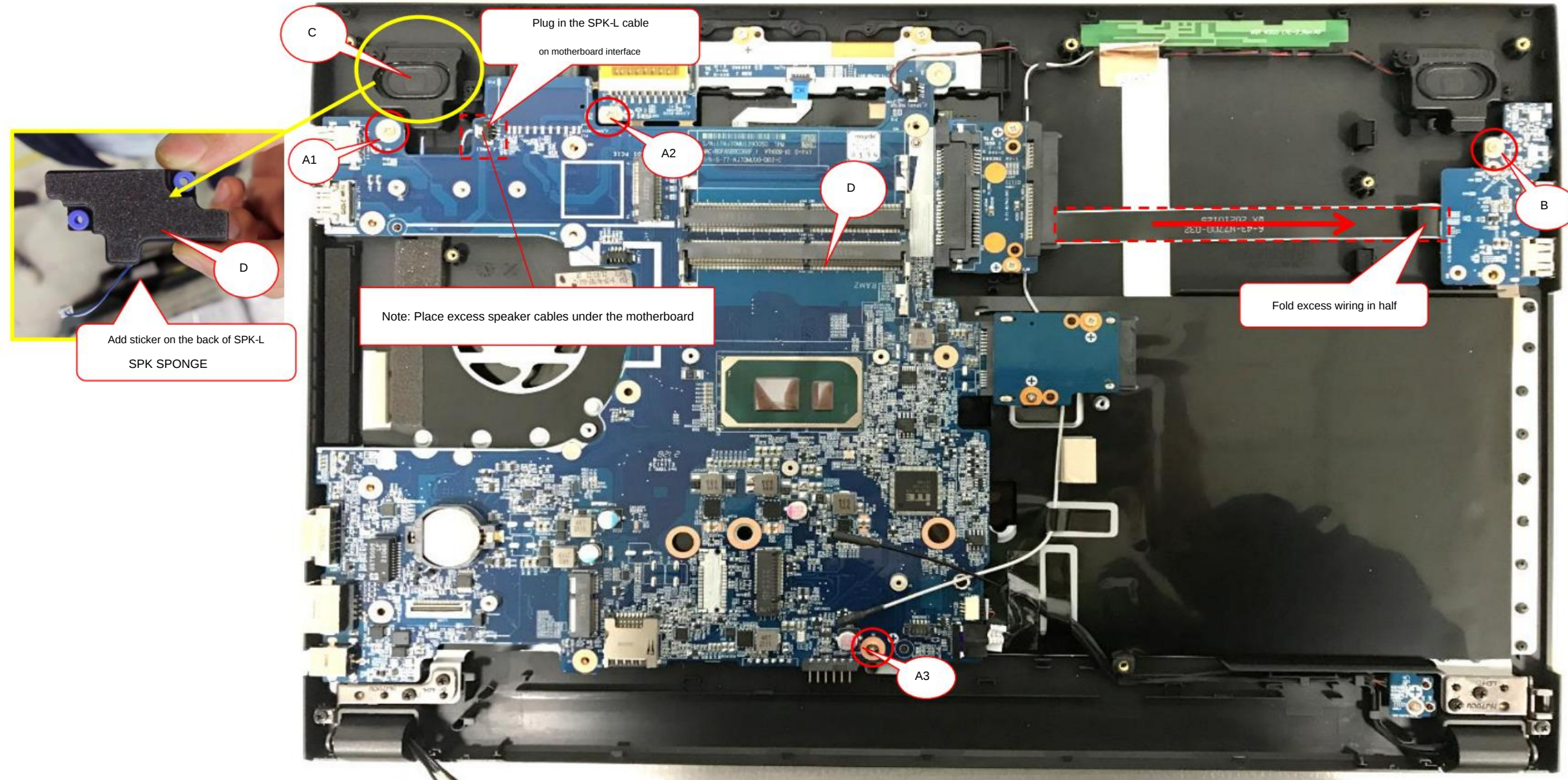
model		Process Code	File Number Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)		
NJ7xx	lock motherboard	Establish	1	IE-2319	Reference 3	2023.07.06	9	2-2/16	17	1-1/31

B O M	NO.	Description A MB	Parts Number	Q'TY 3 1	Torque	Remark quality focus	s/notes: Tools/consumables: 1. Wear an electrostatic bracelet during work 1. Electrostatic bracelet 2. The hanging height of the fixture (i.e.: pallet y height of the lowest point of the fixture) y 38 cm 2 3. Lock the screws in order, and be careful not to slip or miss the lock.	Electric driver, self-supplied screw machine
	screw		6-35-B1125-4RA/-1	1	1.5±0.2			
	B screw		6-35-B1120-3RD	1	1.5±0.2			
	C1 SPK-L C2 SPK-		6-23-5NJ50-0L1/2		1.5±0.2			
	L D SPK SPONGE		6-23-5NJ5P-0L1		1.5±0.2			
			6-47-NJ702-030	1	FOR NJ7XPU/AU model			

do

explain

bright



- Note:** Tear off the adhesive on the Audio cable. The Audio cable must be completely compacted and not tilted, and should be flat against the upper cover.

Note: SPK-L excess speaker cables are placed under the motherboard

model		Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx	Arrange cables	Establish	1		IE-2319	Reference 3	2023.07.06	10	3-1/16	18	1-1/31	

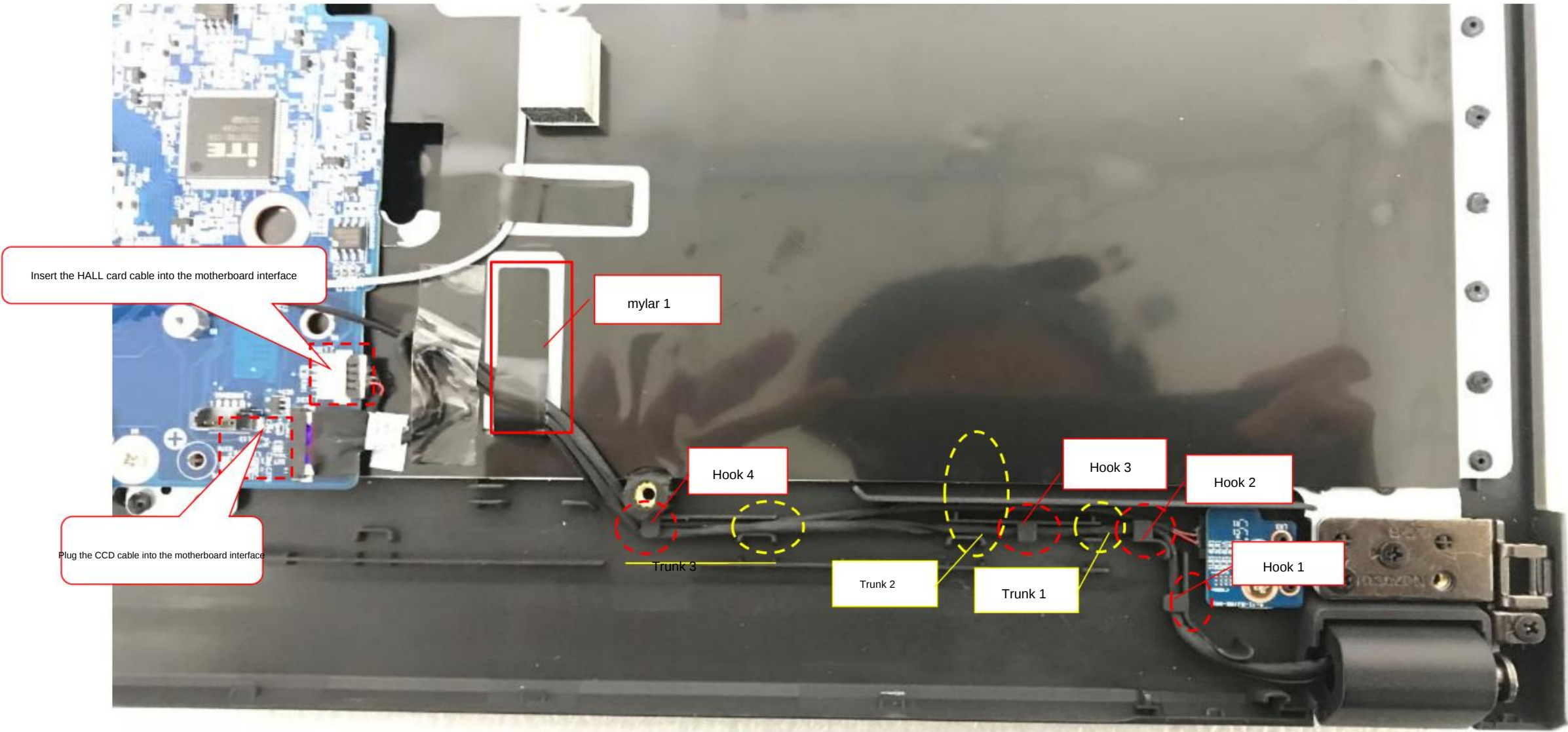
B O M	NO.	Description	Parts Number	Q'TY	Torque	Remark quality points	s/notes: 1. Wear an electrostatic bracelet during work	Tools/Supplies: 1. Static electricity bracelet

Hold

do

explain

bright



- 1 Arrange the CCD cable & 3G-1 antenna hooks 1, 2, 3 & slots 1, 2 on the upper cover as shown in the figure, arrange the CCD cable & 3G-1 antenna & HALL small cable slot 3 & hook 4
2. Tear off the mylar that comes with the incoming material. 1. The adhesive tape fixes the CCD cable & 3G-1 antenna & HALL small card cable.
- 3 Plug the HALL card cable & CCD cable into the motherboard interface

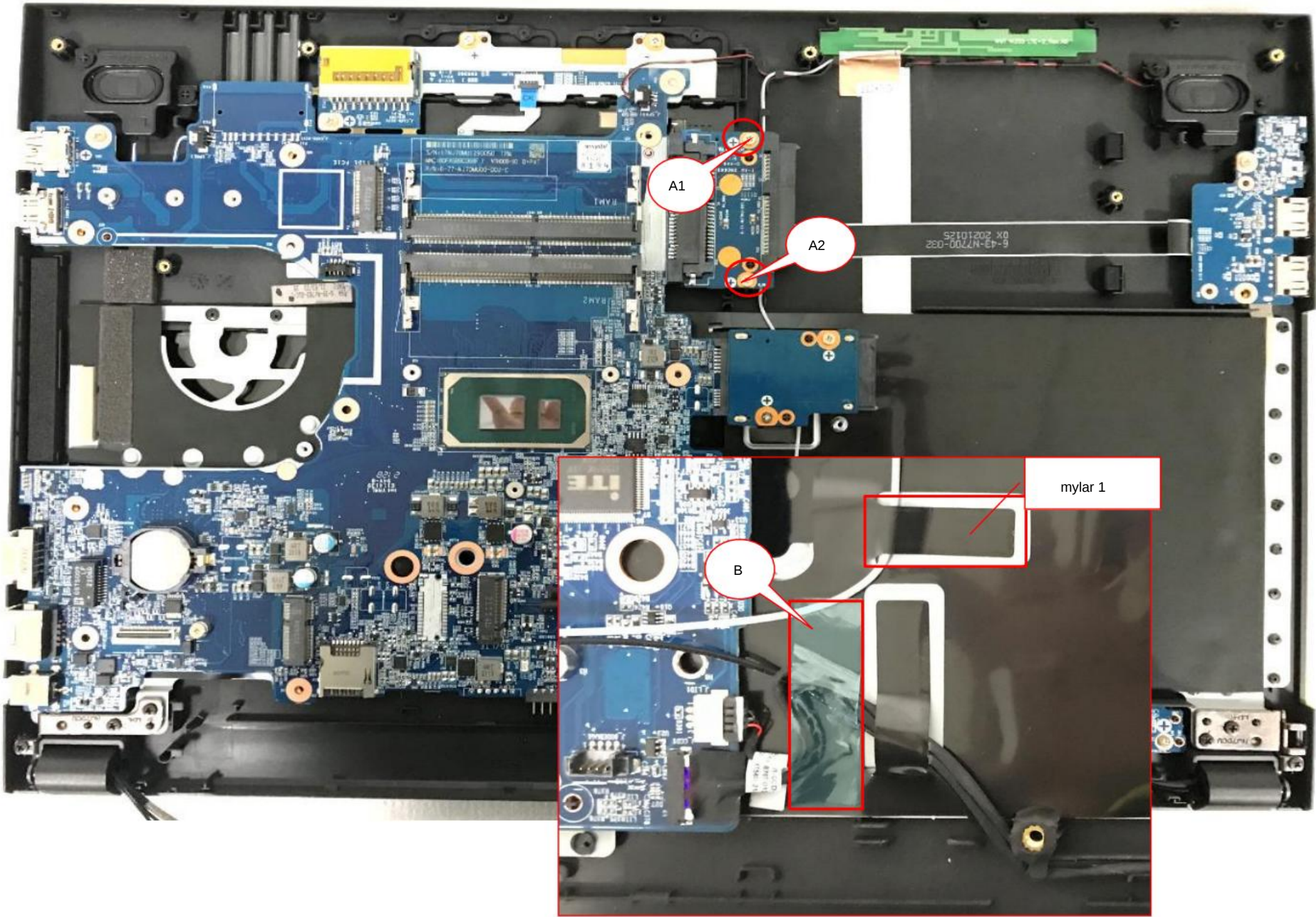
model				Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx		Lock SATA HDD small card		Establish		1	IE-2319	Reference 3		2023.07.06	10	3-2/16	19	2-1/31
B O M	NO.	Description A	Parts Number	Q'TY 2 1	Torque	Remark quality focus/notes: Tools/consumables:								
	screw		6-35-B1120-3RD		1.5±0.2	1. Wear an electrostatic bracelet during work 1. Electrostatic bracelet 2. The hanging height of the fixture (i.e.: pallet y height of the lowest point of the fixture) y 38 cm 2. Electric driver, self-supplied screw machine 3. Lock the screws in order, and be careful not to slip or miss the lock.								
	B Mylar		6-40-M55J2-030											

Hold

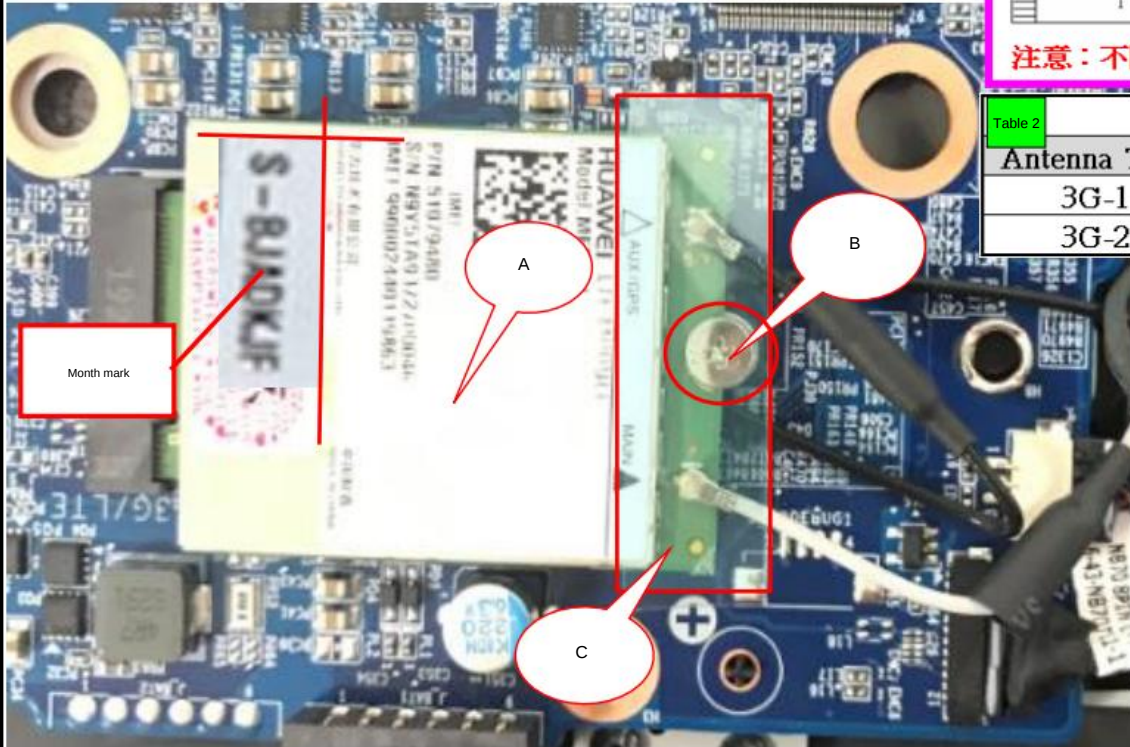
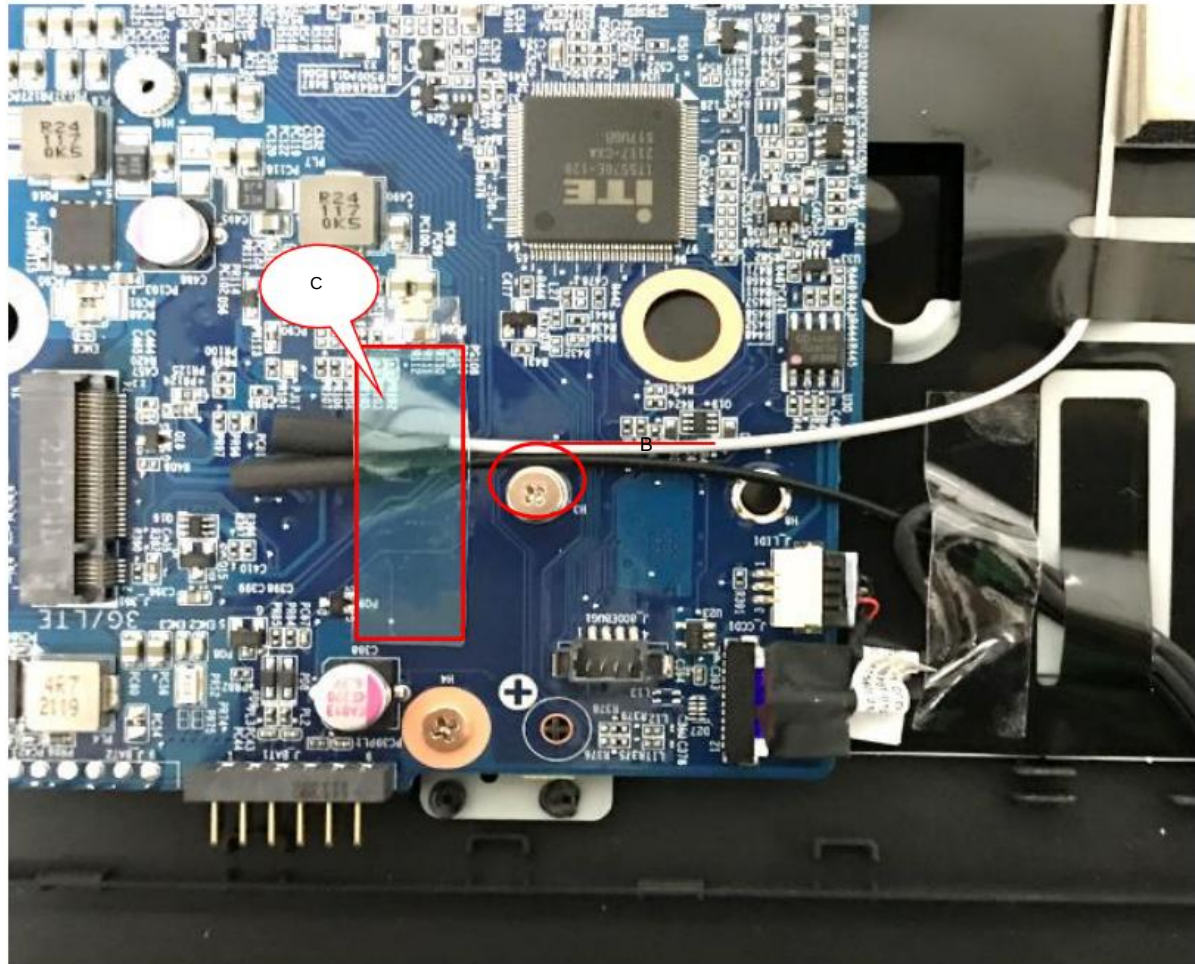
do

explain

bright



1. Take the screws (A)*2 to lock the SATA HDD card on the upper cover.
2. Tear off the mylar 1 adhesive that comes with the incoming material and fix the 3G-2 antenna on the upper cover.
- 3 As shown in the picture, attach mylar (B) to fix the CCD cable & 3G-1 antenna & HALL small card cable on the upper cover

model				Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)																												
NJ7xx		Install 3G card		Establish		1	IE-2319	Reference 3		2023.07.06	10	3-3/16	19	2-2/31																									
B O M	NO.	Description	Parts Number	Q'TY 1 1 1	Torque	Remark quality focus/notes: Tools/consumables:																																	
	A 3G B screw		By S/O			1. Wear an electrostatic bracelet during work 1. Electrostatic bracelet 2. The hanging height of the fixture (i.e.: pallet y height of the lowest point of the fixture) y 38 cm 2. Electric driver, self-supplied screw machine 3. Lock the screws in order, and be careful not to slip or miss the lock.																																	
	Mylar C		6-35-B1120-2RA/-1		1.5±0.2																																		
			6-40-M55J2-030																																				
Hold	Table 1 <table><tr><th>天線</th><th colspan="2">對應3G卡接口標示</th></tr><tr><td>3G-1</td><td colspan="2">“1” 或 “M” 或 “MAIN”</td></tr><tr><td>3G-2</td><td colspan="2">“2” 或 “A” 或 “AUX”</td></tr><tr><td>3G-3</td><td colspan="2">“3”</td></tr></table> 1 O 3G卡 2 O 1 O 3G卡 2 O 3 O MAIN O 3G卡 AUX O 2 O 3G卡 1 O 3 O 3G卡 2 O 1 O AUX O 3G卡 MAIN O 注意：不同小卡（上、下）接口位置不同！ Table 2 <table><tr><th colspan="3">3G天线区分方式</th></tr><tr><th>Antenna Type</th><th>线材颜色</th><th>套筒颜色</th></tr><tr><td>3G-1</td><td>黑色</td><td>黑色</td></tr><tr><td>3G-2</td><td>灰色</td><td>黑色</td></tr></table> 														天線	對應3G卡接口標示		3G-1	“1” 或 “M” 或 “MAIN”		3G-2	“2” 或 “A” 或 “AUX”		3G-3	“3”		3G天线区分方式			Antenna Type	线材颜色	套筒颜色	3G-1	黑色	黑色	3G-2	灰色	黑色	
天線	對應3G卡接口標示																																						
3G-1	“1” 或 “M” 或 “MAIN”																																						
3G-2	“2” 或 “A” 或 “AUX”																																						
3G-3	“3”																																						
3G天线区分方式																																							
Antenna Type	线材颜色	套筒颜色																																					
3G-1	黑色	黑色																																					
3G-2	灰色	黑色																																					
do																																							
explain	The following steps are for taking out the 3G card: 1. Put the monthly mark on the 3G (A) card Pay attention to customers' Consign 3G cards and put "Consign stickers" instead of monthly stickers. 2 Arrange the 3G-1 antenna under the 3G card as shown in the picture 3 Install the 3G card on the motherboard interface, take out the screw (B) and lock it 4 Arrange the 3G-1&3G-2 antenna as shown in the picture and insert the 3G antenna on the 3G card The corresponding relationship between antennas is shown in Table 1, and the color distinction of antennas is shown in Table 2. 5 Paste Mylar (C2) on the 3G card and fix the antenna head														The following steps are for when the 3G card is not out but the 3G-1/2 antenna is out: 6 Take the screw (B) and lock it on the stud at the position shown in the upper cover 7 As shown in the picture, attach Mylar (C2) to fix 3G-1&2 on the motherboard.																								
bright	1 2																																						

model				Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)				
NJ7xx		Lock ODD BRIDGE small card			Establish	1	IE-2319	Reference 3	2023.07.06	11	3-1/16	20	2-1/31		
B O M	NO.	Description A	Parts Number	Q'TY 2	Torque	Remark quality focus/notes: Tools/consumables:									
	screw		6-35-B1120-3RD		1.5±0.2	1. Wear an electrostatic bracelet during work 1. Electrostatic bracelet									
	B mylar		6-40-P1803-020	1		2. The hanging height of the fixture (i.e.: pallet y height of the lowest point of the fixture) y 38 cm 2. Electric driver, self-supplied screw machine									
						3. Lock the screws in order, and be careful not to slip or miss the lock.									
Hold															
do															
explain															
bright	1. Take the screws (A)*2 to lock the ODD BRIDGE card on the upper cover. 2 Take mylar (B) and fix the excess SPK-R cable as shown in the figure, and insert the SPK-R cable into the motherboard interface.														

1

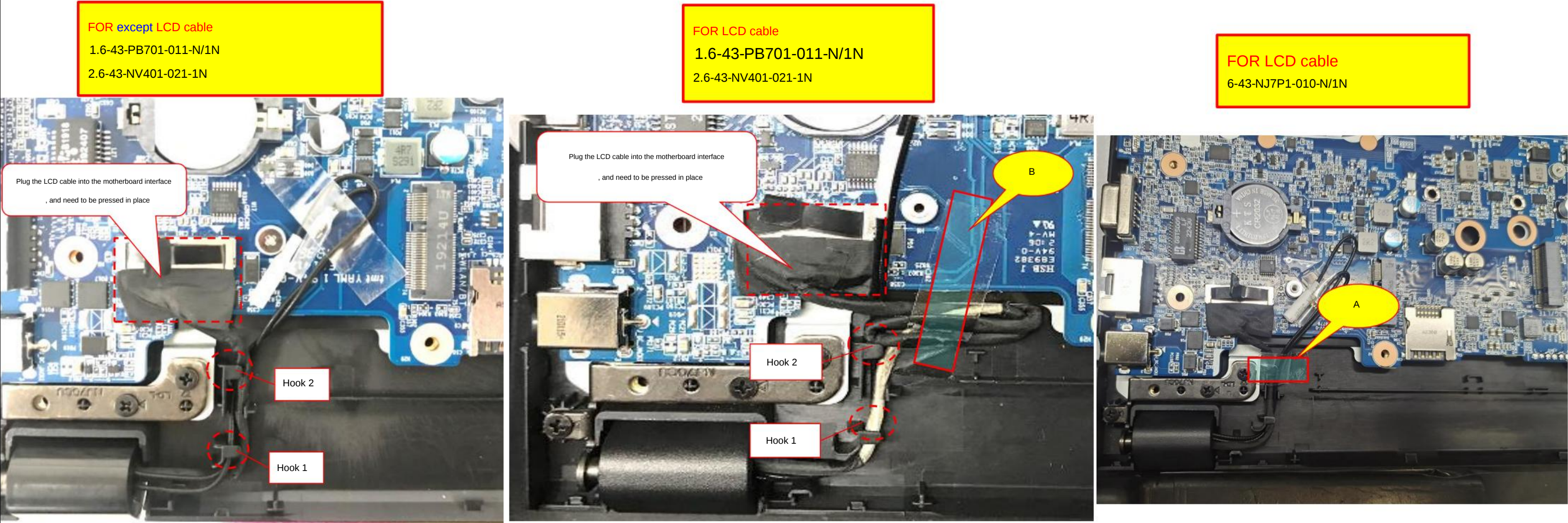
model				Process specific code		File number version	production date	site type (small)	page number (small)	site type (large)	page number (large)		
NJ7xx		Manage LCD cables		Establish	1	IE-2319	Reference 3	2023.07.06		11	3-2/16	20	2-2/31
B O M	NO.	Description	Parts Number	Q'TY 1	Torque	Remark	quality focus/notes: By S/O 1. Wear an electrostatic bracelet during work By S/O				Tools/Supplies: 1. Static electricity bracelet		
	A Mylar		6-40-P1803-020										
	B	Mylar	6-40-M55J2-020	1									

Hold

do

explain

bright



- 1 Arrange the LCD cable & WLAN antenna hooks 1 & 2 on the upper cover as shown in the figure.
- 2 As shown in the figure, attach Mylar (A) to fix the excess LCD cable.
- 3 Plug the LCD cable into the motherboard interface and press it into place

model		Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)		
NJ7xx	Install Wlan card	Establish	i		IE-2319	Reference 2	2023.07.06	11	3-3/16	21	1-1/31

B O M	NO.	Description	Parts Number	Q'TY 1 1	Torque	Remark quality focus	notes: Tools/consumables: electrostatic bracelet during work 1. Electrostatic bracelet 2. Fixture hanging height (i.e.: pallet y height of the lowest point of the fixture) y38 cm 2. Electric driver, self-supplied screw machine 3. Lock the screws in order, and be careful not to slip or miss the lock.	
	A1 Wlan card		6-88-N24GF-4220/4200			BY S/O 1. Wear an e		
	A2 Wlan card		6-88-P75FF/L140F/N15CF-4210			BY S/O 2. Fixture hanging		
	A3 Wlan card		6-88-X17SF-4200			BY S/O 3. Lock the s		
	A4 Wlan card		6-88-NV40F/X17KF-4210			BY S/O		
	A5 Wlan card		6-88-NL5RF-7000			BY S/O		
	A6 Wlan card		6-988-N15CF-4210-W			BY S/O		
	B screw		6-35-B1120-2RA-1		1.5±0.2	Standard configuration		
	C	Mylar	6-40-M55J2-030	1 1 1 1 1 1				

Hold

do

explain

bright

Antenna Type	線材顏色	套筒顏色
Wlan-1	黑色	透明
Wlan-2	灰色	透明
Wlan-2	黑色	白色
Wlan-3	白色	透明

	Wlan-1天線	Wlan-2天線	Wlan-3天線
Wlan卡	"M"	"A"	
PCB板上接口標示	"A"	"B"	
	"1"	"2"	"3"

注意：Wlan卡接口標示需按PCB板上的印刷字樣為主來區分！！
下表僅供標示參考，實際已實物為主

Wlan卡	Wlan卡	Wlan卡	Wlan卡	Wlan卡	Wlan卡
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3

The following steps are for removing the Wlan card:

- 1 Get Wlan Card (Ax)
- 2 Install the Wlan card on the interface and secure it with screw (B)*1

Note: As shown in the picture, the Wlan antenna is under the Wlan card, and the Wlan-2 antenna is wrapped around the stud.

- 3 Arrange the Wlan antenna as shown in the figure and insert the Wlan-1&wlan-2 antenna on the wlan card. Note: 1. The order of Wlan card plug-in is shown in Table 1.
- 2.Wlan antenna color distinction is shown in Table 2
- 4 Attach Mylar (C) to the Wlan antenna head

The following steps are for the operation when the Wlan card is not available:

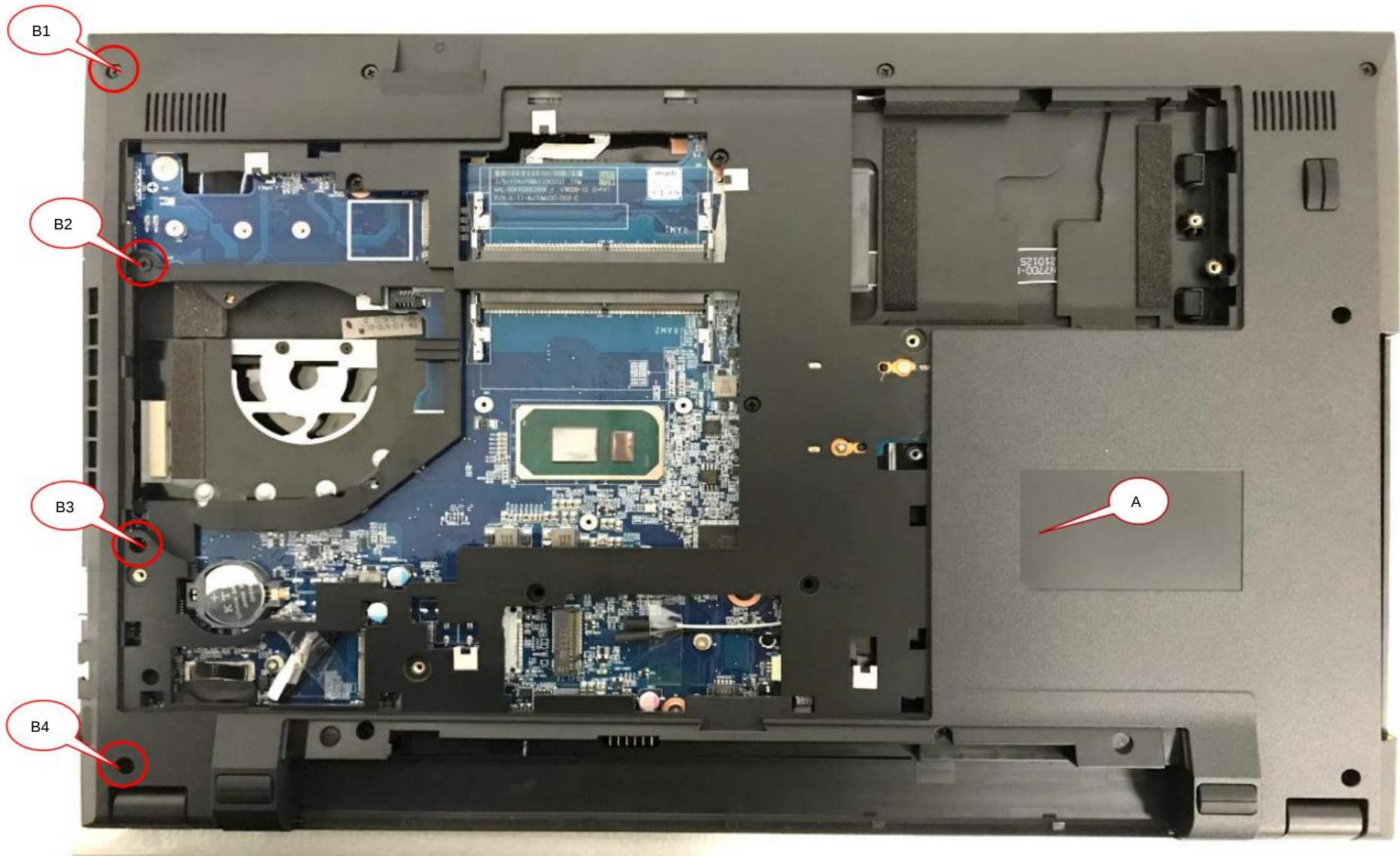
5. Take the screw (B) and lock it on the stud at the position shown in the upper cover.
- 6 Attach Mylar (C) to fix Wlan antenna 1&2 at the position shown on the motherboard

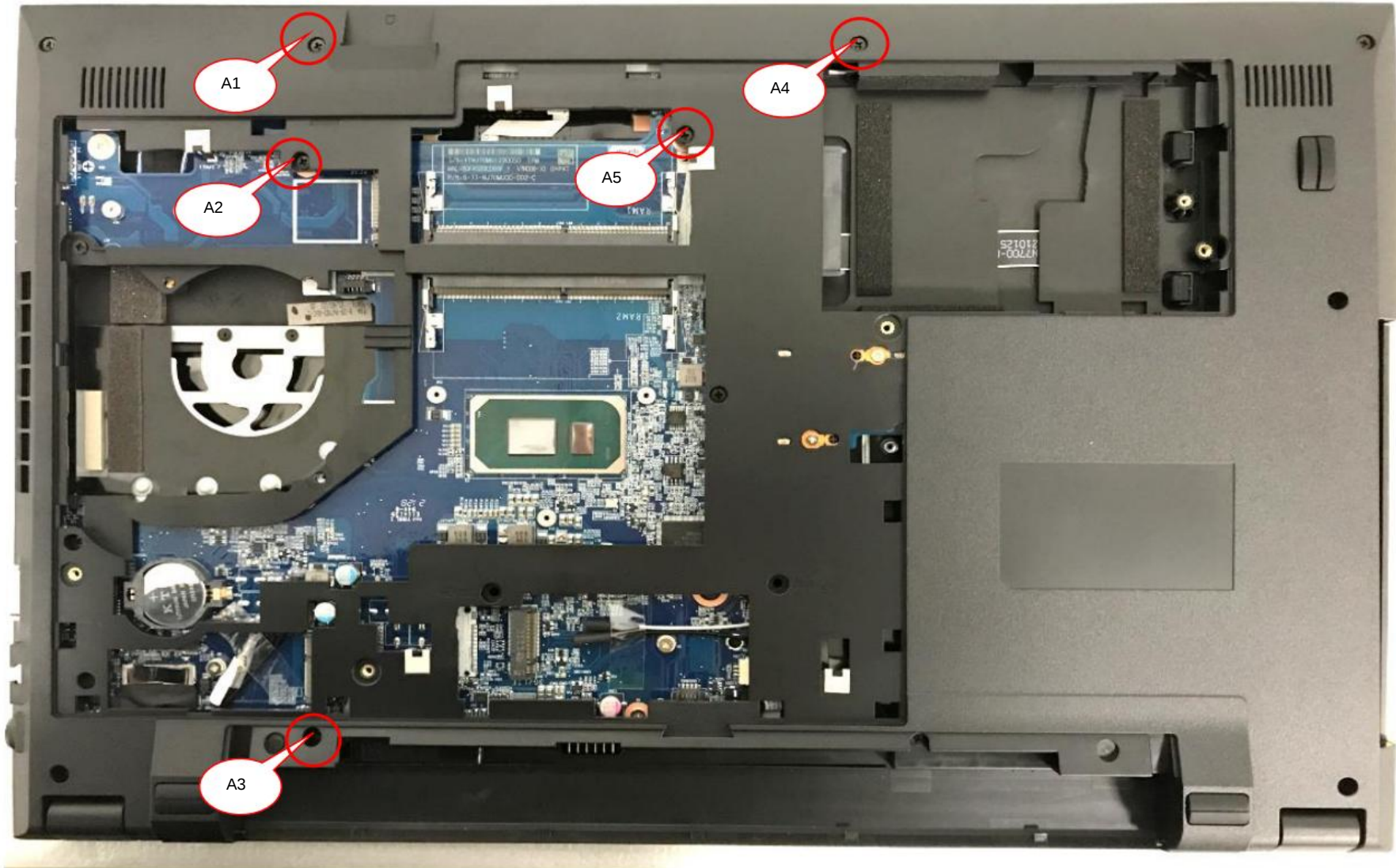
1

2

KAPOK Standard Operation PROCEDURE Operation Instructions Job Name

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model			Process Code		File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx		Install the cover		Establish	1		IE-2319	Reference 3	2023.07.06	12	3-1/16	22	1-1/31	
B O M	NO.	Description A	Parts Number	Q'TY 1	Torque	Remark quality focus	focus/notes: Tools/consumables:							Electric driver, self-supplied screw machine
	Lower cover B		6-39-NJ703-012/013/014				1. Wear an electrostatic bracelet during work 1. Electrostatic bracelet							
	Lower cover screws		6-35-82125-6RA/-1	4	2.0±0.2		2. The hanging height of the fixture (i.e.: pallet y height of the lowest point of the fixture) y 38 cm 2							
							3. Lock the screws in order, and be careful not to slip or miss the lock.							
Hold														
do														
explain														
bright														
		1 Remove the cover (A) and install it on the machine												
		2 Remove the cover screws (B)*4 and lock the lower cover												
1														

model			Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)		
NJ7xx		Lock lower cover	Establish	1		IE-2319	Reference 3	2023.07.06	12	3-2/16	23	1-1/31
B O M	NO.	Description A	Parts Number	Q'TY 5	Torque	Remark quality focus/notes: Tools/consumables:	1. Wear an electrostatic bracelet during work 1. Electrostatic bracelet 2. The hanging height of the fixture (i.e.: pallet y height of the lowest point of the fixture) y 38 cm 2. Electric driver, self-supplied screw machine 3. Lock the screws in order, and be careful not to slip or miss the lock.					
		Lower cover screws	6-35-82125-6RA/-1		2.0±0.2							
Hold												
do												
explain												
bright												
		1 Remove the cover screws (A)*5 to lock the lower cover										

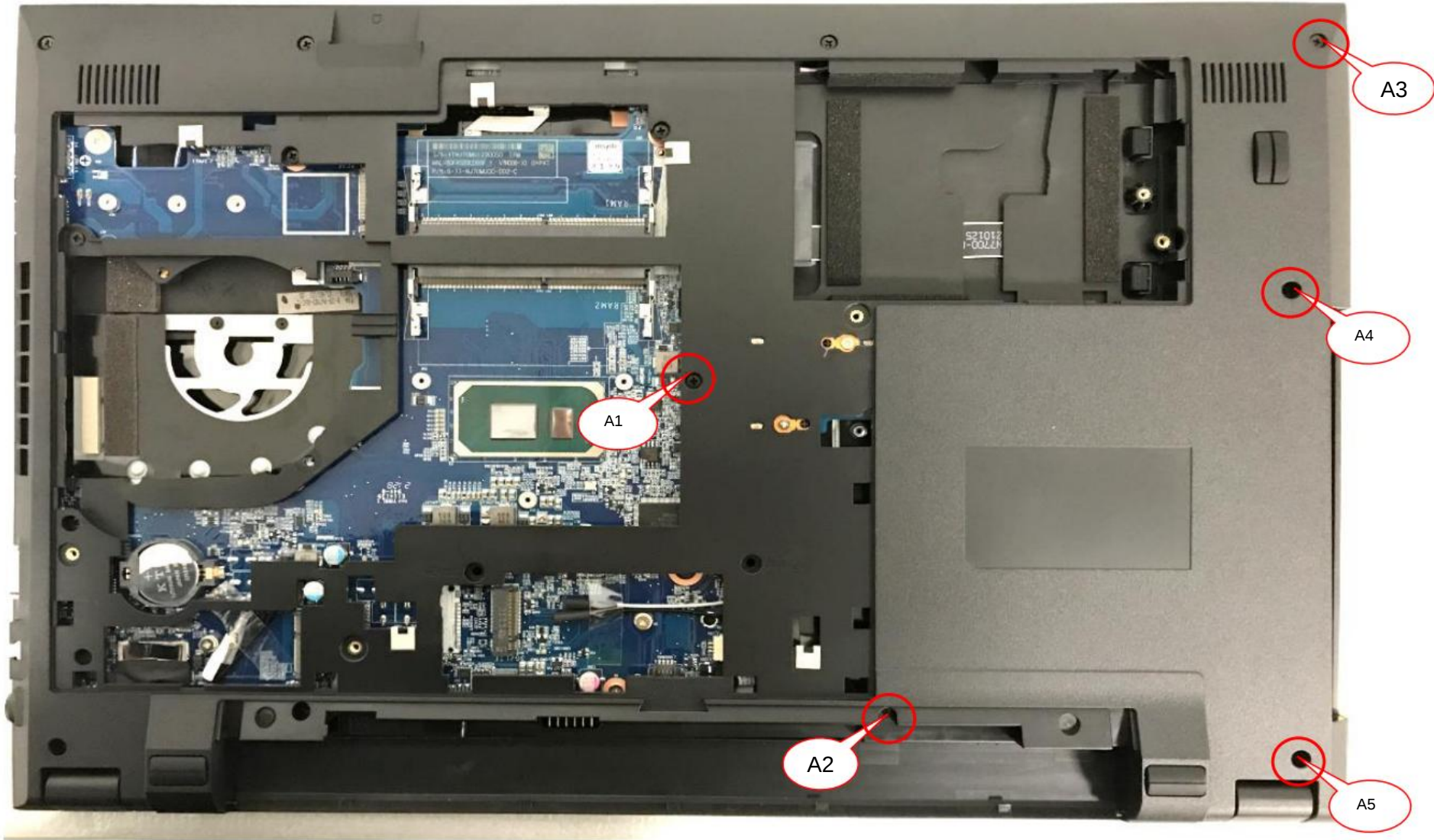
1

model		Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx	Lock lower cover	Establish	1		IE-2319	Reference 3	2023.07.06	12	3-3/16	24		1-1/31
B O M	NO.	Description A	Parts Number	Q'TY 5	Torque	Remark quality focus/notes: Tools/consumables:						
		Lower cover screws	6-35-82125-6RA/-1		2.0±0.2	1. Wear an electrostatic bracelet during work 1. Electrostatic bracelet 2. The hanging height of the fixture (i.e.: pallet y height of the lowest point of the fixture) y 38 cm 2. Electric driver, self-supplied screw machine 3. Lock the screws in order, and be careful not to slip or miss the lock.						

Hold

do

explain



1 Remove the cover screws (A)*5 to lock the lower cover

bright

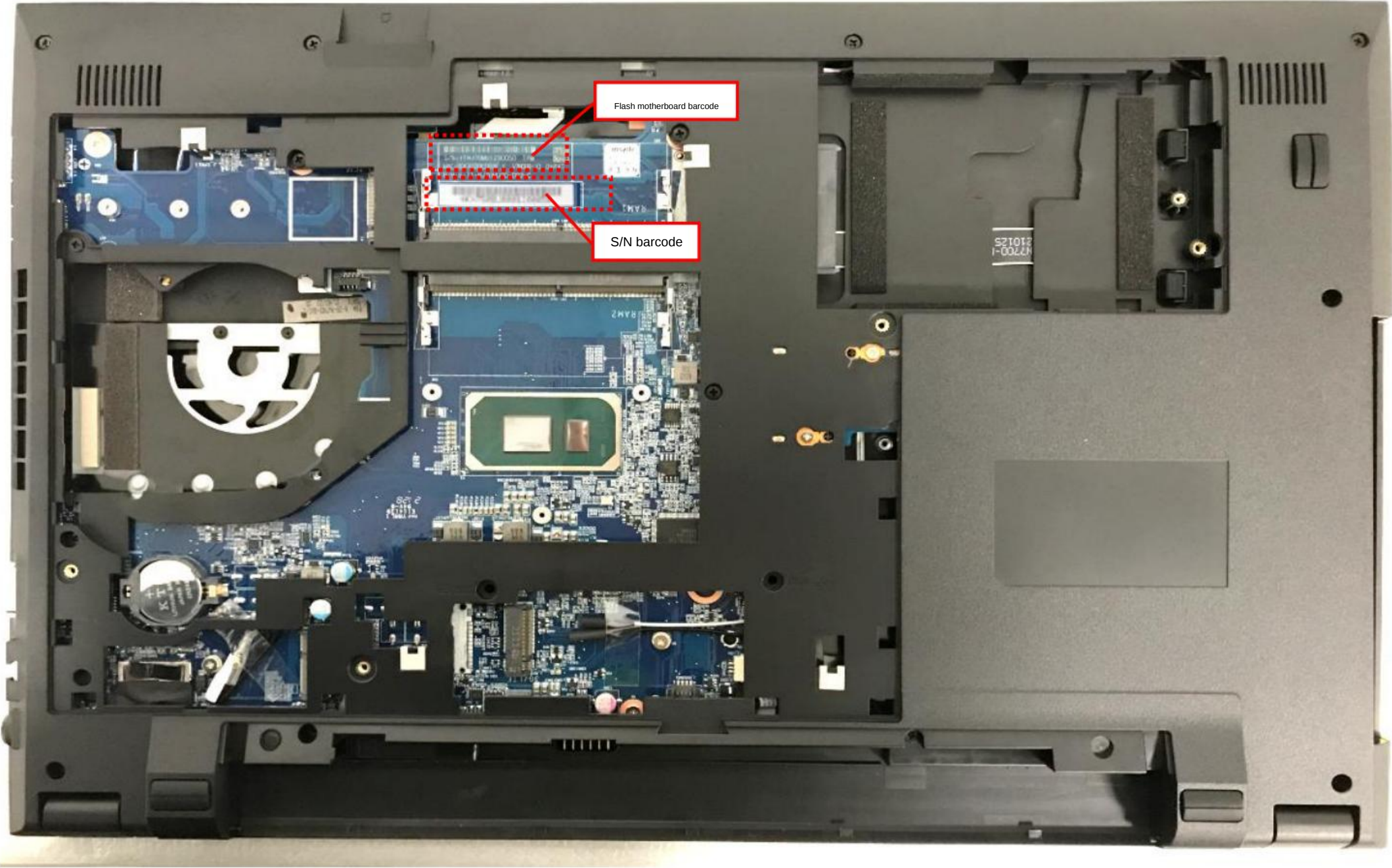
model		Process Code	File Number	Version	Production Date	Station Type	(Small) Page (Small)	Station Type (Large) Page (Large)			
NJ7xx	Swipe card	Establish	1		IE-2319	Reference 3	2023.07.06	13	4-1/16	25	2-1/31
B O M	NO.	Description	Parts Number	Q'TY	Torque	Remark	quality points/notes: 1. Wear an electrostatic bracelet during work		Tools/Supplies: 1. Static electricity bracelet 2. Brushing the gun 3. Computer		

Hold

do

explain

bright



1. Paste the barcode on the motherboard. The font direction of the barcode is consistent with the direction of the mainboard material number of the laser engraving strip on the motherboard.

2. Flash the machine & motherboard barcode into the system

1

KAPOK Standard Operation PROCEDURE Operation Instructions Job Name

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model				Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx		Install HDD		Establish		1	IE-2319	Reference 3	2023.07.06		13	4-2/16	25	2-2/31
B O M	NO.	Description	Parts Number	Q'TY 1 1	Torque	Remark quality focus	notes: Tools/consumables:							
	A HDD B	HDD	BY S/O			When taking out HDD	1. Wear an electrostatic bracelet during work 1. Electrostatic bracelet							
	iron parts C	HDD screws	6-33-N250J-011				2. The hanging height of the fixture (i.e.: pallet y height of the lowest point of the fixture) y 38 cm 2							
	D HDD iron parts	screws	6-35-B1130-3R5	2	2.0±0.2		3. Lock the screws in order, and be careful not to slip or miss the lock.							
	E RAM		6-35-B1120-3RD/-1	1	1.5±0.2									
			BY S/O	1										

Hold

do

explain

bright

1. Install RAM (A)----(Install the card slot RAM1 first and then remove the card slot RAM2)

2. When the needle comes out of the RAM: stick a monthly mark on the RAM -----The direction of the monthly mark is consistent with the font direction of the incoming material label

For customers to Consign RAM, put a "Consign sticker" on the RAM to replace the monthly label.

The following steps 3, 4, 5, and 6 work when removing the HDD:

3. Paste the monthly mark on the HDD (A) (see homework note 0102 for specific locations)

Note: For customer Consign HDD, affix "Consign" sticker instead of monthly label

4 Take the HDD iron piece (B) and install it on the HDD, and take the screws (C)*2 to lock the HDD on the iron piece.

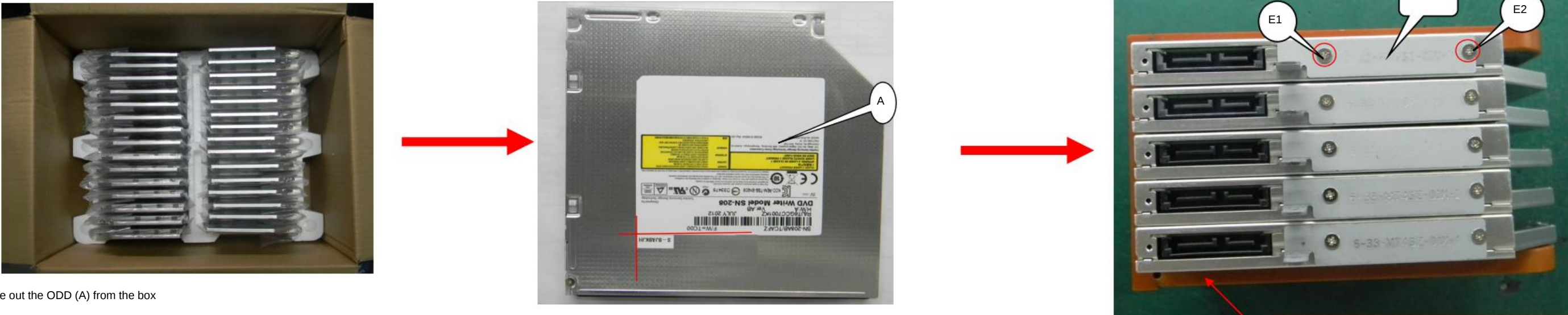
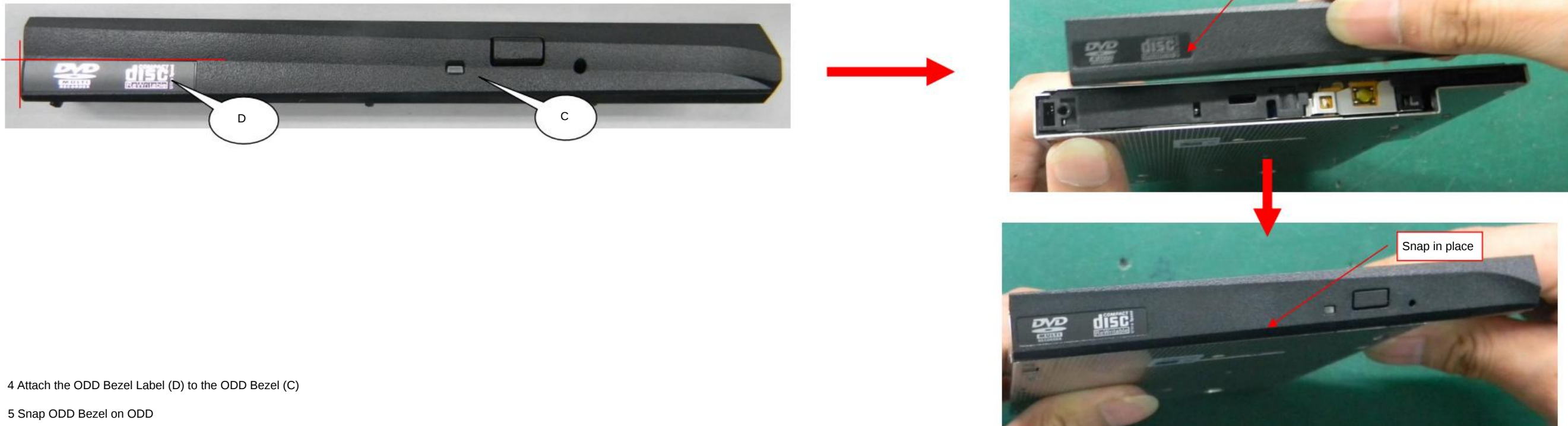
5 Assemble the HDD on the machine in parallel

6. Take the screw (D) to lock the HDD iron piece on the upper cover.

1

KAPOK Standard Operation PROCEDURE Operation Instructions Job Name

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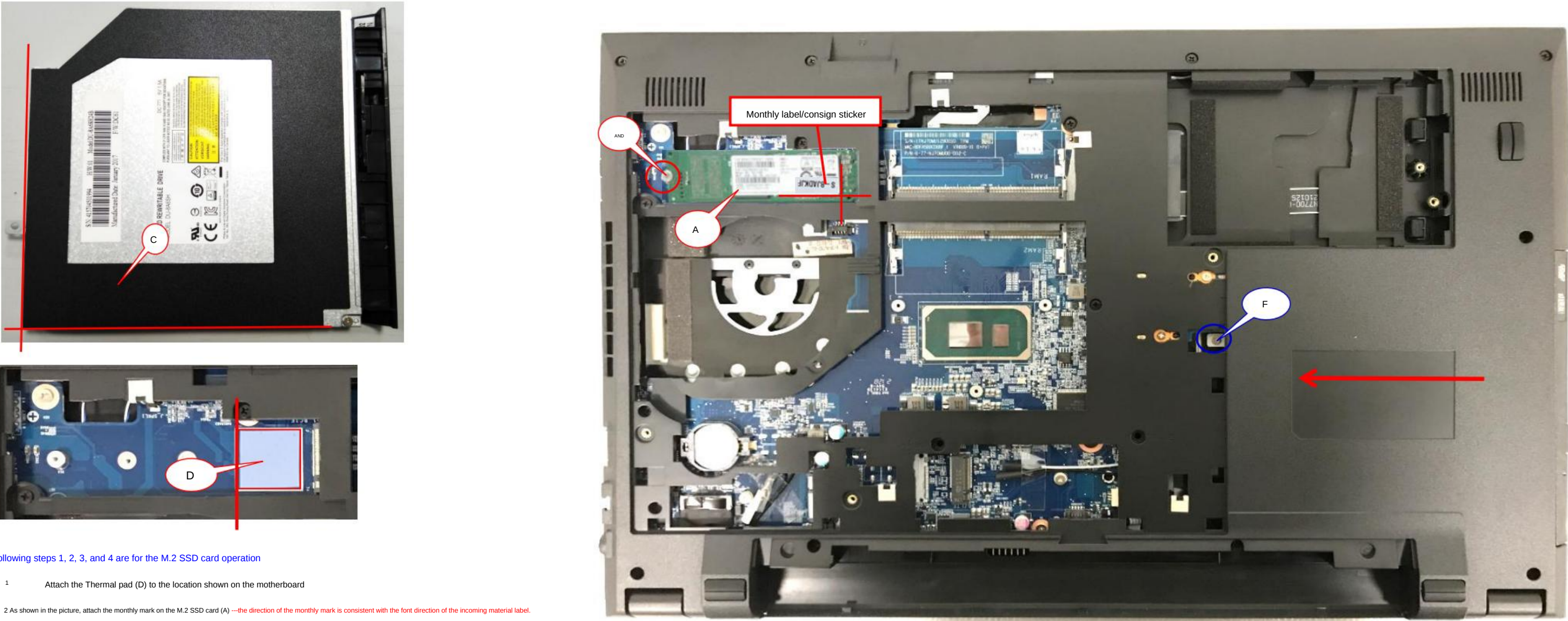
model			Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)				
NJ7xx		Processing ODD		Establish	1	IE-2319	Reference 3	2023.07.06	13	4-3/16	26	2-1/31		
B O M	NO.	Description	Parts Number	Q'TY 1	Torque	Remark quality focus/notes: Tools/consumables:								
	A ODD		By S/O			1. You need to wear an electrostatic bracelet during operation 2. The hanging height of the fixture (ie: the height of the pallet y the lowest point of the fixture) y 38 cm 3. Lock the screws in order, and be careful not to slip or miss the lock.								
	B ODD bracket		6-33-W547Z-011/-1	1										
	C ODD Bezel		6-42-NJ70Z-102	1										
	D ODD Bezel Label		6-45-N650Q-020	1										
	E ODD Screw		6-35-B1120-3RD/-1	2	1.5±0.2									
Hold														
do	1 Take out the ODD (A) from the box 2. Paste the monthly label on the ODD body as shown (Note: For customers Consign ODD, affix the "Consign" sticker instead of the monthly label) 3 Place the ODD body*5 pcs side by side into the locking fixture, place the ODD bracket (B) on the ODD body, and take out the screws (E)*2 to lock it													
explain														
bright	4 Attach the ODD Bezel Label (D) to the ODD Bezel (C) 5 Snap ODD Bezel on ODD													

1

model				Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)				
NJ7xx		Install SSD		Establish		1	IE-2319	Reference 3		2023.07.06	13	4-4/16	26	2-2/31	
B O M	NO.	Description	Parts Number	Q'TY 1 1	Torque	Remark quality focus	notes: Tools/consumables: 1. Wear an electrostatic bracelet during work 1. Electrostatic bracelet 2. The hanging height of the fixture (i.e.: pallet y height of the lowest point of the fixture) y 38 cm 2. Electric driver, self-supplied screw machine 3. Lock the screws in order, be careful not to slip the teeth or miss the lock 3. Brush the gun 4.Computer								
	A	M.2.SSD B ODD C	BY S/O												
		ODD Mylar D	BY S/O												
	PAD E	SSD screw F ODD	6-40-NJ70Z-010			For 9.0mm ODD use 3.									
	screw		6-48-N1708-010												
			6-35-B1120-2RA/-1		1.5±0.2	W/ SSD									
			6-35-B1120-3RD	1 1 1 1	1.5±0.2										

Hold

do



explain

The following steps 1, 2, 3, and 4 are for the M.2 SSD card operation

1 Attach the Thermal pad (D) to the location shown on the motherboard

2 As shown in the picture, attach the monthly mark on the M.2 SSD card (A) ---the direction of the monthly mark is consistent with the font direction of the incoming material label.

Note: For customers' Consign M.2 SSD cards, affix a "Consign sticker" instead of the monthly sticker.

3 As shown in the figure, install the M.2 SSD card in the M.2 SSD card slot.

4. Take 1 screw (E) and lock it in the position shown in the picture.

When 5 needles are out of 9.0mm ODD: Align the line as shown in the figure and stick ODD Mylar (C) to the position of the ODD body as shown in the figure

6. Take ODD (B) and put it into the machine. Do not push it in suddenly (push it to the bottom)

Remarks: When the note on the S/O requires an LSCD file, or when the S/O requires an ODD barcode, the ODD barcode needs to be swiped.

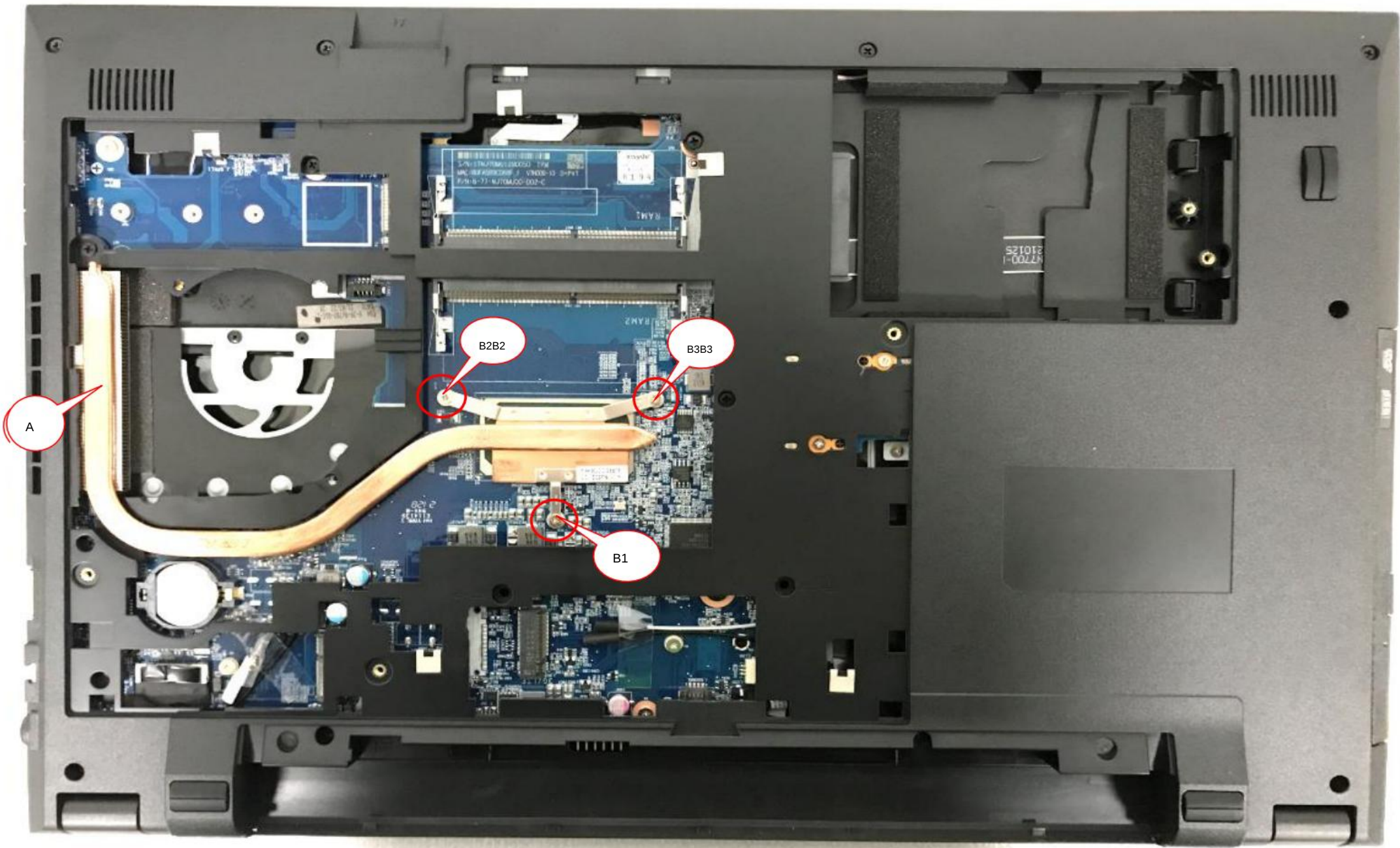
7 Take out 1 screw (F) to lock the ODD

Note: For W/O ODD, the ODD screw (F) does not need to be locked

bright

1

model		Process code	file number	version		Production date	Site type (small)	Page number (small)	Site type (large)	Page number (large)	
NJ7xx	Install Heatsink	Establish	1	IE-2319	Reference 3	2023.07.06	14	2-1/16	27	1-1/31	
B O M	NO.	Description	Parts Number	Q'TY 1	Torque	Remark quality focus	/notes: Tools/consumables: 1. Wear an electrostatic bracelet during work 1. Electrostatic bracelet 2. The hanging height of the fixture (i.e.: pallet y height of the lowest point of the fixture) y 38 cm 2. Electric driver, self-supplied screw machine 3. Lock the screws in order, and be careful not to slip or miss the lock.				
	A1 Heatsink A2		6-31-NJ502-101								
	Heatsink A3 Heatsink		6-31-NJ5M2-101								
	B Heatsinkyy		6-31-NJ5PN-101								
			6-35-B1120-3RD	1 1 3	1.5±0.2						



1. Take Heatsink (A) to check that the thermal paste is not damaged and install it at the position shown in the machine diagram.
2. Take a total of 3 screws (B1~B3) to secure the Heatsink to the motherboard.

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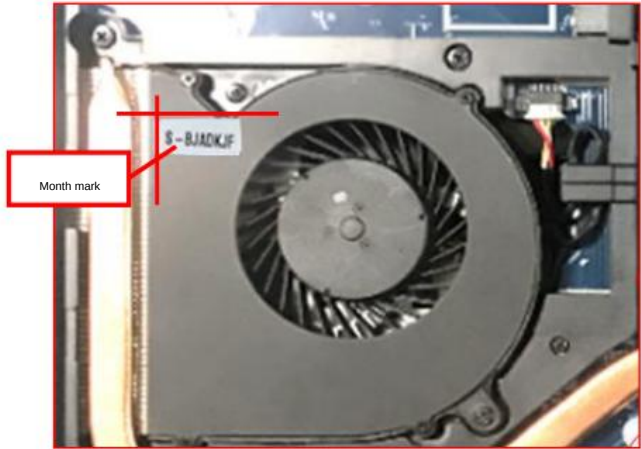
model				Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx		costume FAN		Establish	1		IE-2319	Reference 3	2023.07.06	14	2-2/16	28	1-1/31	
B O M	NO.	Description	Parts Number	Q'TY 1	Torque	Remark	quality focus/notes: Tools/consumables:							
	A1 FAN		6-31-N75W2-101				1. Wear an electrostatic bracelet during work 1. Electrostatic bracelet							
	A2 FAN		6-31-NJ5M2-201				2. The hanging height of the fixture (i.e.: pallet y height of the lowest point of the fixture) y 38 cm 2. Electric driver, self-supplied screw machine							
	A3 FAN		6-31-NJ5PS-101	1 1										
	B FAN screw		6-35-B6120-8R0	2	2.0±0.2		3. Lock the screws in order, and be careful not to slip or miss the lock.							

Hold

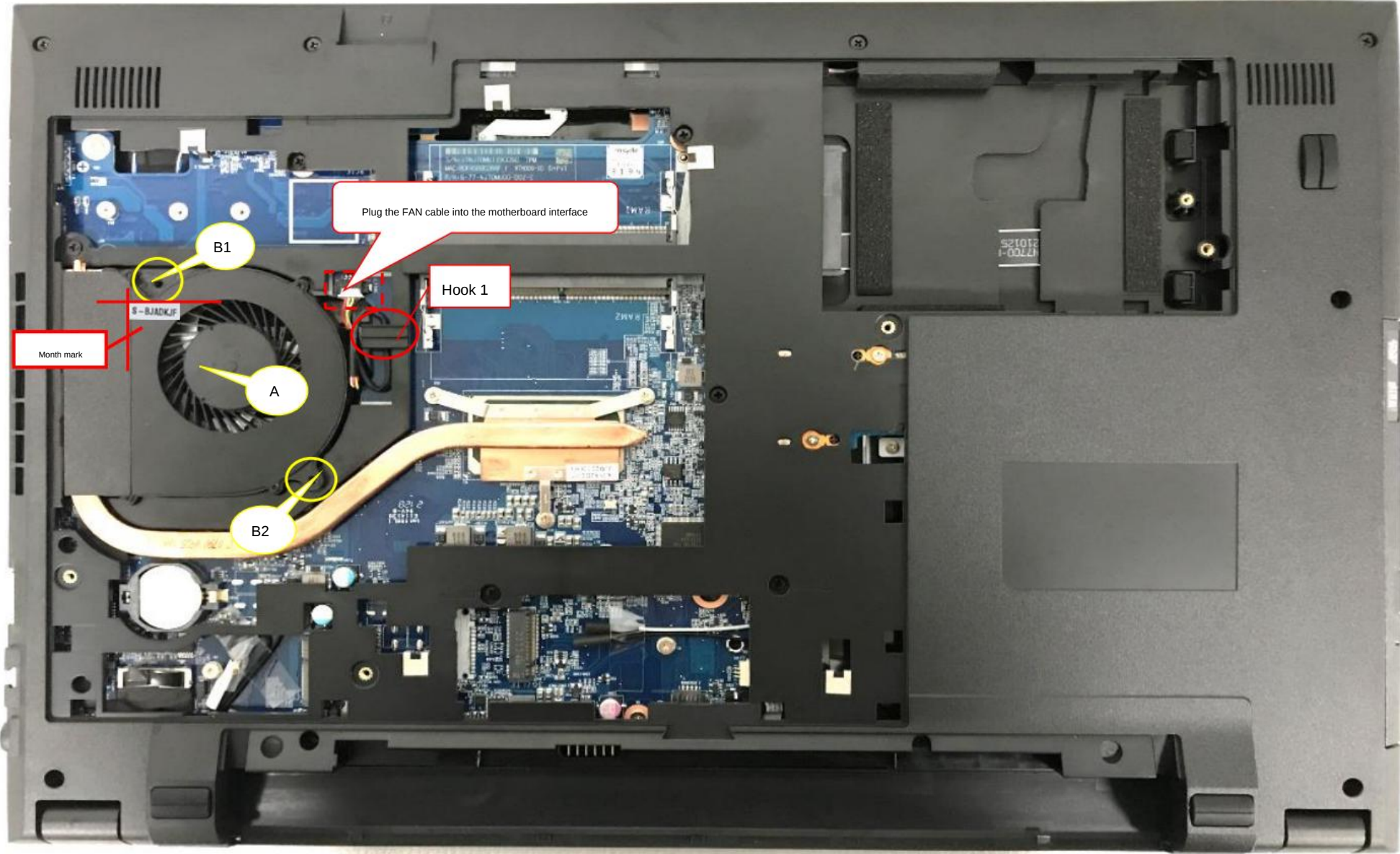
do

explain

bright



For FAN:6-31-NJ5PS-101
Monthly label attachment method



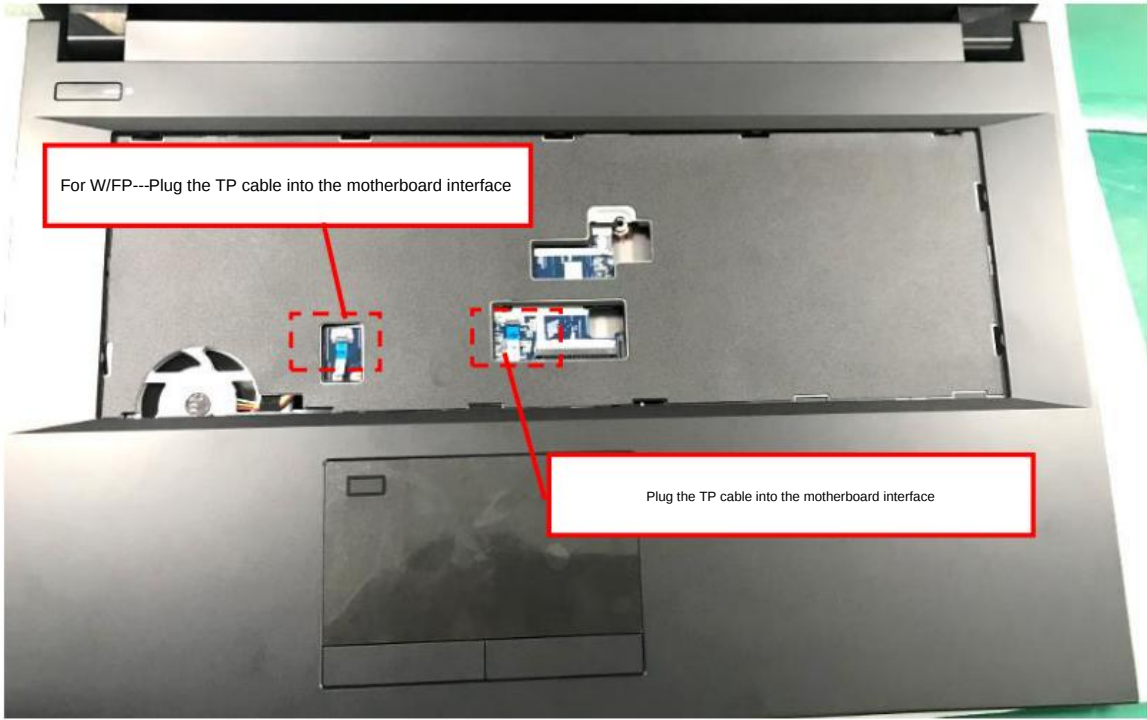
- 1 Plug the FAN cable into the motherboard interface as shown in the picture, and arrange the FAN cable into hook 1 as shown in the picture
2. Attach the monthly mark to the FAN, take the FAN (A) and install it at the position shown in the machine diagram, and take the screws (B)*2 to lock the FAN on the upper cover.
- 3 Turn over the machine

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model			Process Code	File Number	Version	Production Date	Station	Type (Small)	Page (Small)	Station Type (Large)	Page (Large)				
NJ7xx		Plug in the cable	Establish	1		IE-2319	Reference 3		2023.07.06	15	3-1/16	29	1-1/31		
B O M	NO.	Description	Parts Number	Q'TY 1 1	Torque	Remark	quality points					notes: 1. Wear an electrostatic			Tools/Supplies: 1. Static electricity bracelet
	AK/B		BY SO				bracelet during work								
	B1 backlight module (BY SO)		6-23-RNJ50-010 /020		For illuminated keyboards										
	B2 backlight module (BY SO)		6-23-RN15Z-013	1											
	B3 backlight module (BY S/O)		6-23-RPC50-010/020	1											
	B4 backlight module (BY SO)		6-23-RNJ50-021/022-M	1	For luminous keyboard--FOR MCJ										
	C MYLAR		6-40-NJ702-020	1	For non-illuminated keyboards										

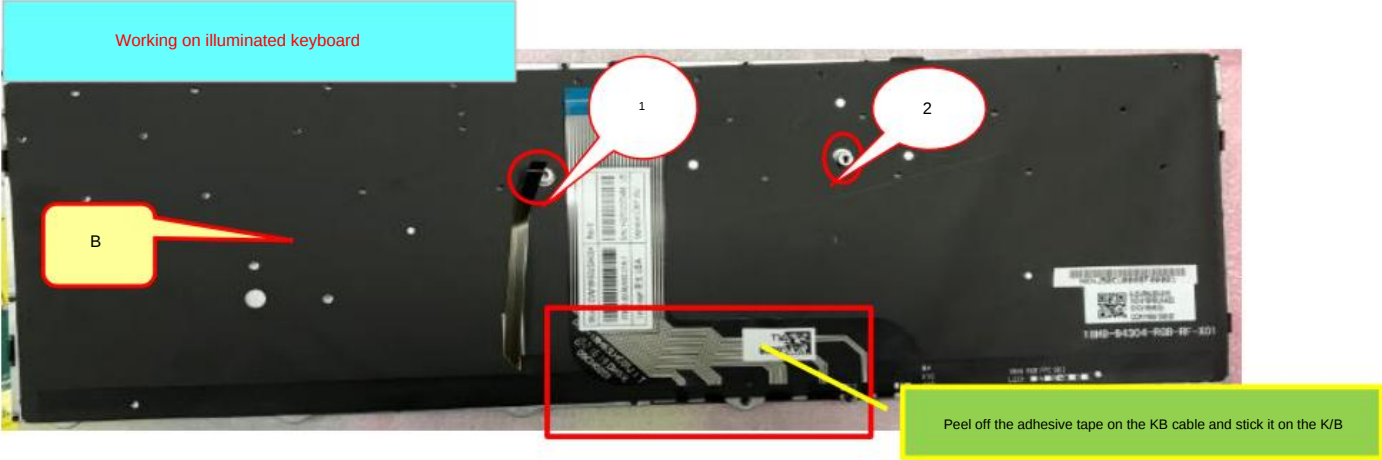
Hold



For W/FP---Plug the TP cable into the motherboard interface

Plug the TP cable into the motherboard interface

do



Working on illuminated keyboard

1

2

B

Peel off the adhesive tape on the KB cable and stick it on the K/B



Working on illuminated keyboard

Bend the K/B line as shown in the figure

For work when the keyboard is not illuminated



C

explain

1 Plug the TP cable into the motherboard interface as shown in the picture

2 For W/FP---Plug the FP cable into the motherboard interface as shown in the picture

The following steps 3, 4, and 5 are for luminous keyboard operations

3. Take the hot-melted K/B and stick the K/B backlight module (B) on the back of the K/B

Note: Attach the backlight module to K/B along the 2 holes as shown in the figure

4. Tear off the adhesive tape on the KB cable and stick it on the K/B as shown.

5. Bend the K/B line as shown in the figure.

Step 6 below is for non-illuminated keyboard operations

6 As shown in the picture, paste K/B Mylar(C) in the K/B frame of the upper cover

Be careful not to climb walls when attaching K/B Mylar

bright

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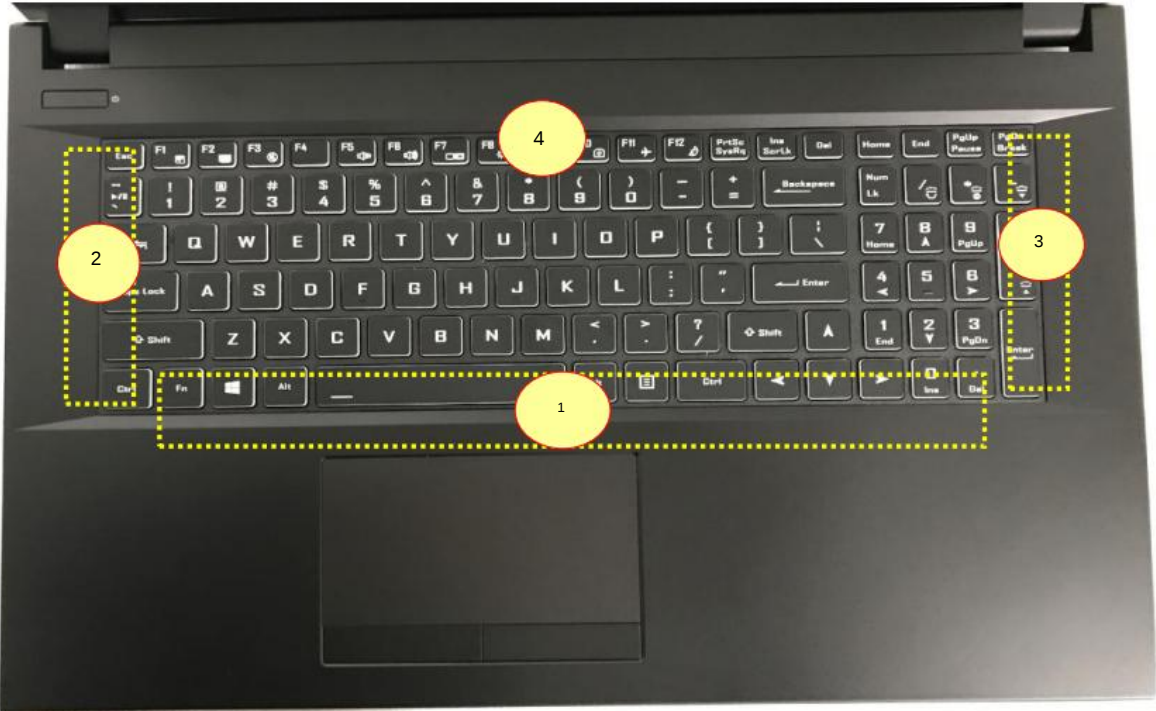
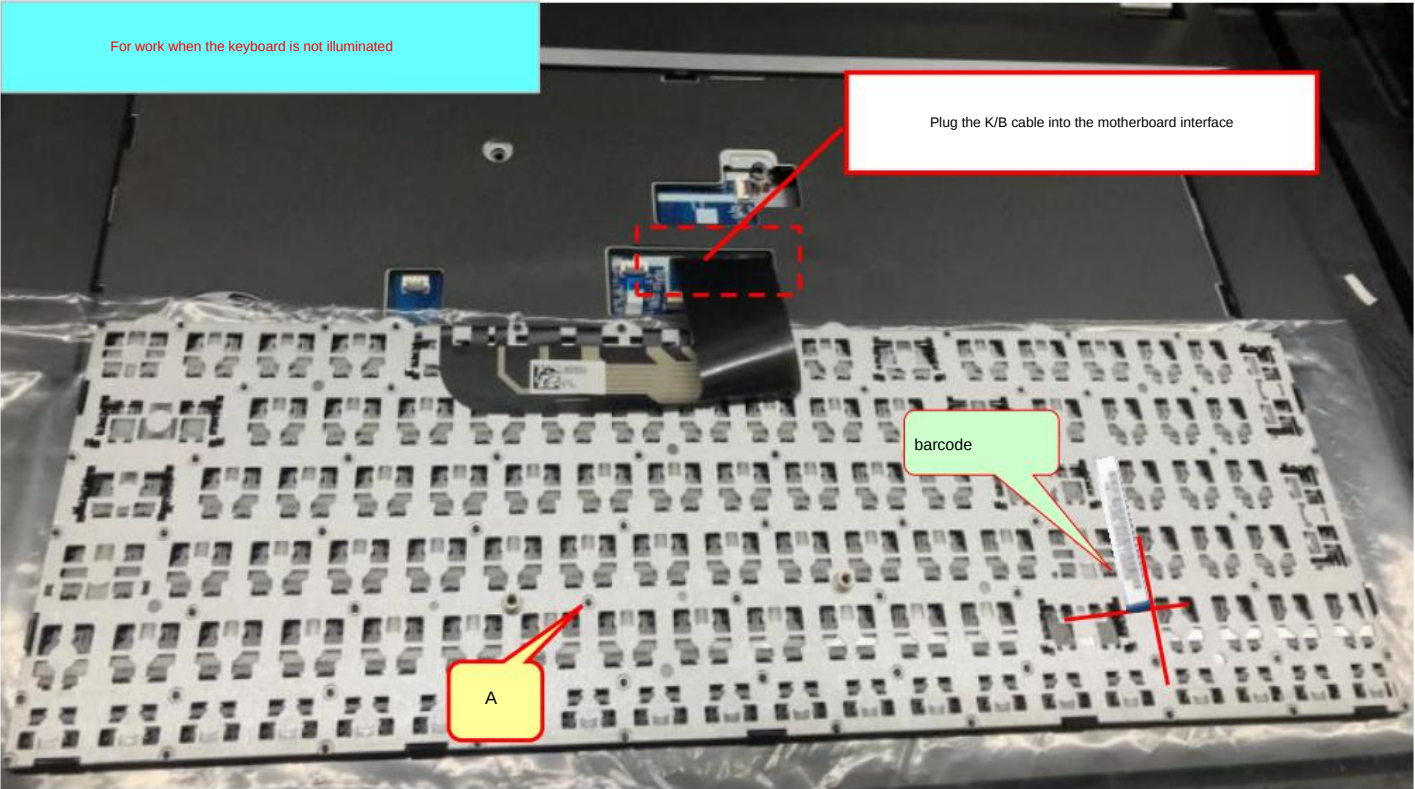
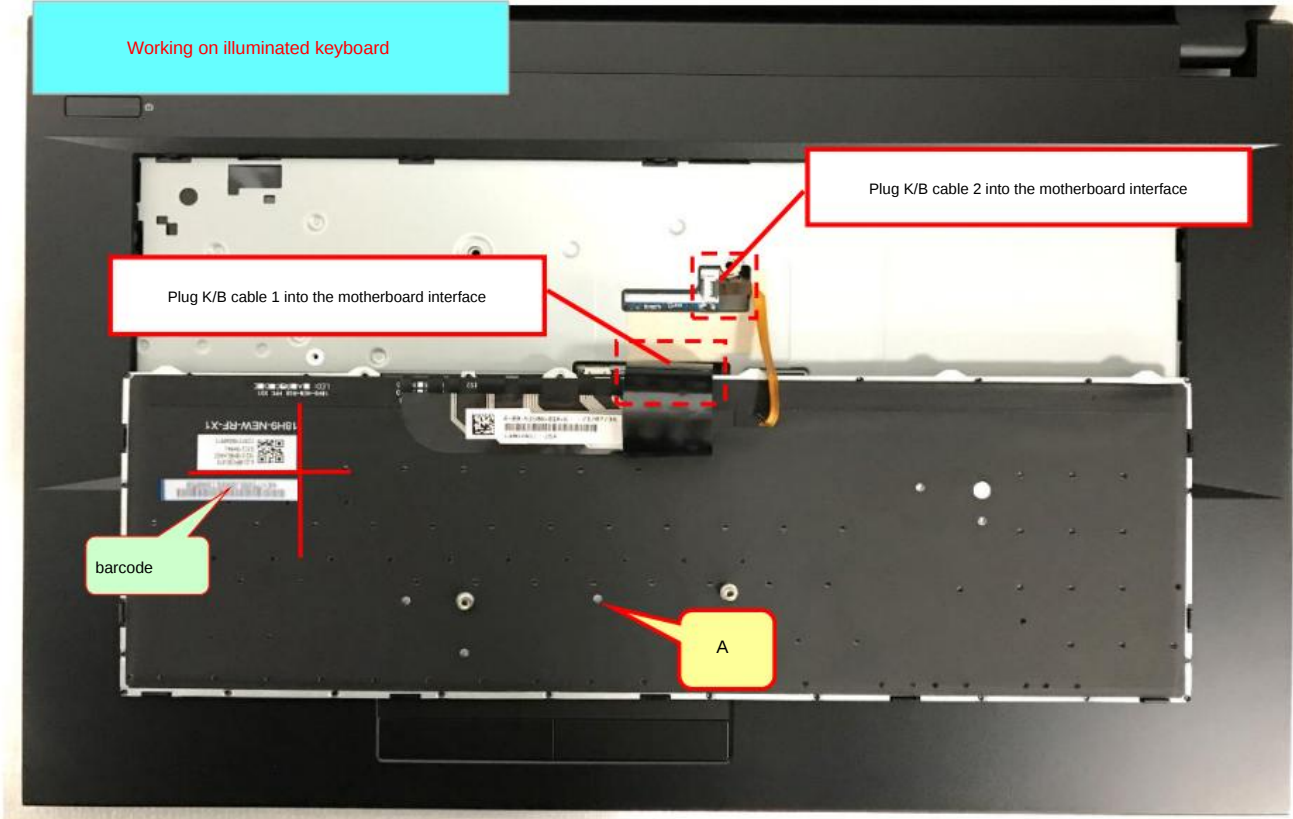
model					Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx		Install K/B			Establish	1		IE-2319	Reference 3	2023.07.06		15	3-2/16	30	2-1/31
B O M	NO.	Description	Parts Number	Q'TY 1	Torque	Remark	quality points/notes: 1. Wear an electrostatic bracelet during work						Tools/Supplies: 1. Static electricity bracelet		
	AK/B		BY SO												

Hold

do

explain

bright



The following steps 1, 2, and 3 work when K/B appears

1. Take the K/B to check the appearance and paste the barcode on the K/B.

Note that the direction of the moon mark is consistent with the font direction of the incoming material label. The moon mark cannot cover the incoming material label.

2 Plug the keyboard cable into the motherboard

Pay attention to plug in the large cable first, then the small cable——when targeting the illuminated keyboard

3. Snap the keyboard onto the upper cover and make sure the hook is fully engaged.

Note 1. First snap the bottom edge of the keyboard into the upper cover, then snap it into the upper left corner and upper right corner, and finally snap it into both sides and the top edge.

2. Before engaging the keyboard, check that the K/B cable is not wrinkled

Review check:Qian Lin

Written by:Xu Jin

model		Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx	Lock K/B screw	Establish	1		IE-2319	Reference 3	2023.07.06	15	3-3/16	30	2-2/31	
B O M	NO.	Description A	Parts Number	Q'TY 2	Torque	Remark quality focus/notes: Tools/consumables: 1. Wear an electrostatic bracelet during work 1. Electrostatic bracelet 2. The hanging height of the fixture (i.e.: pallet y height of the lowest point of the fixture) y 38 cm 2. Electric driver, self-supplied screw machine 3. Lock the screws in order, and be careful not to slip or miss the lock.						
	screw		6-35-82125-6RA/-1		2.0±0.2							

Hold

do

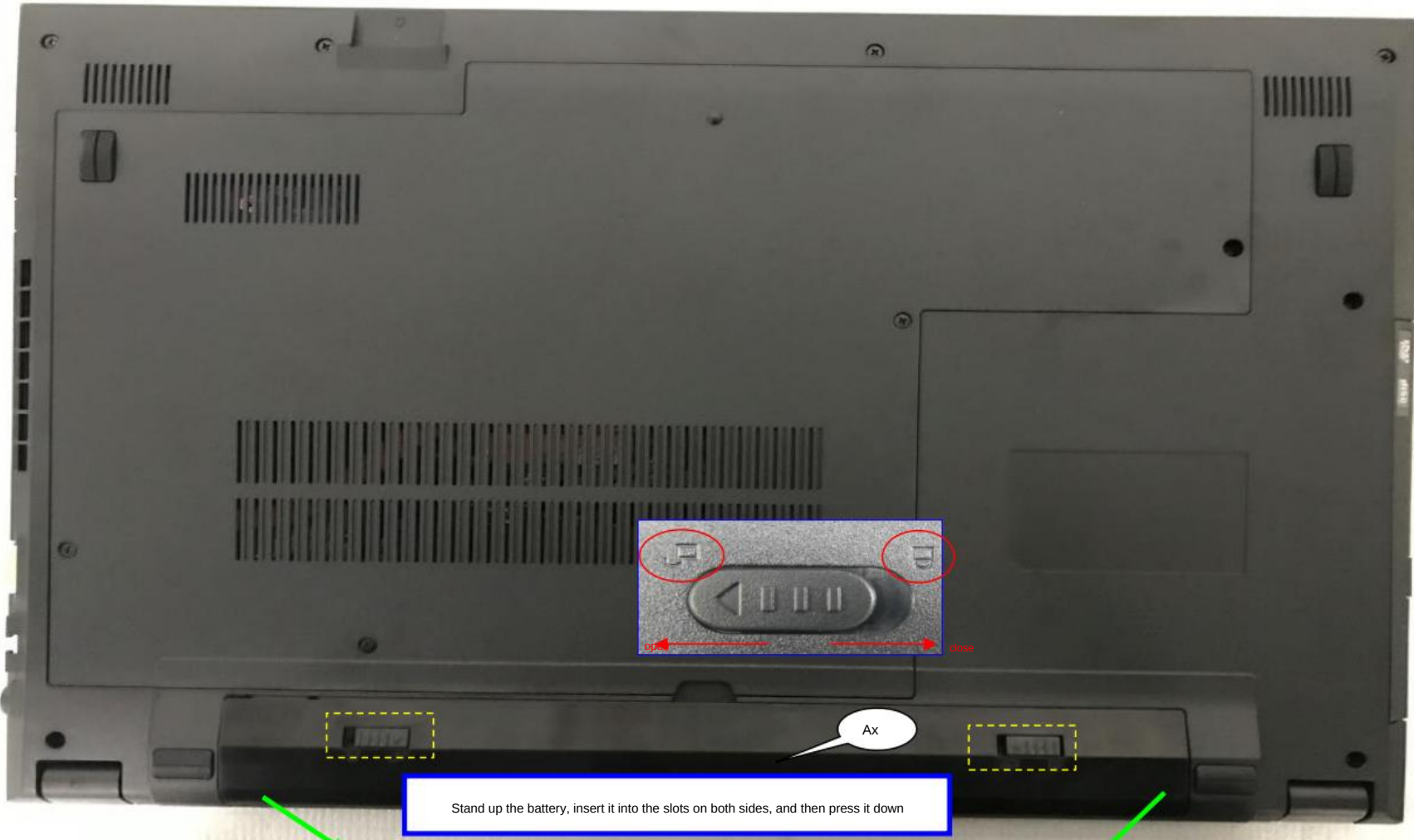
explain



1. Take a total of 2 screws (A1~A2) and lock them in the positions shown in the picture.

Note: When K/B is not released, screws B1&B2 are not locked.

bright

model				Process Code	File Number	Version	Production Date	Station Type (Small)	Page (Small)	Station Type (Large)	Page (Large)			
NJ7xx		Install battery			Establish	1	IE-2319	Reference 3	2023.07.06	16	3-1/16	31	3-1/31	
B O M	NO.	Description A1	Parts Number	Q'TY 1	Torque	Remark	quality points/notes: 1. Wear an electrostatic bracelet during work					Tools/Supplies: 1. Static electricity bracelet		
	Battery A2	Battery	6-87-N750S-31C00											
	A3 Battery A4		6-87-NJ50S-41D00	1										
	Battery A5	Battery	6-87-NJ5MS-32H01	1										
			6-87-NJ5MS-44D01 /02 /03	1										
			6-87-NJ5GS-41K00	1										
Hold	USB 2.0  USB 3.0  													
do														
explain														
bright														

1Install the battery (Ax) into the machine and lock it - first snap into the grooves on both sides of the bottom of the battery, then press and lock the upper part.

2. Check that the screws on the lower cover of the fixture are not leaked or scratched.

3 Check that the battery must be locked

4 Check that there is no gap in the lower part of the machine

5. Check that there are no gaps or scratches on the hinge side of the machine.

6. Check the USB interface: the inside of the USB 2.0 interface is black, and the inside of the USB 3.0 interface is blue.

1

- 1Install the battery (Ax) into the machine and lock it - first snap into the grooves on both sides of the bottom of the battery, then press and lock the upper part.
2. Check that the screws on the lower cover of the fixture are not leaked or scratched.
- 3 Check that the battery must be locked
- 4 Check that there is no gap in the lower part of the machine
5. Check that there are no gaps or scratches on the hinge side of the machine.
6. Check the USB interface: the inside of the USB 2.0 interface is black, and the inside of the USB 3.0 interface is blue.

model				Process code	file number	version	production date			Farewell (small)	Page (Small)	Site (Large)	Page (Large)	
NJ7xx		General inspection (1)		Establish		1	IE-2319	Reference 3	2023.07.06	16	3-2/16		31	3-2/31
B O M	NO.	Description	Parts Number	Q'TY	Torque	Remark quality	points/notes: 1. Wear an electrostatic bracelet during operation 2. Increase the illumination value: 800~1200lm/y					Tools/Supplies: 1. Static electricity bracelet 2. Thick and thin rules		

Hold

do

explain

bright

one



1. Insert the five-color screen check U disk, insert

After waiting for 6 seconds, press the power button to turn on the AC.

Machine - need to plug in the power cord when turning on the machine

To activate, unplug the AC after turning on the computer (reference one)

two



2. Check the LCD five-color screen (check LCD must not have picture abnormalities/lines /LCD white block), unplug the USB flash drive (Reference 2)

three



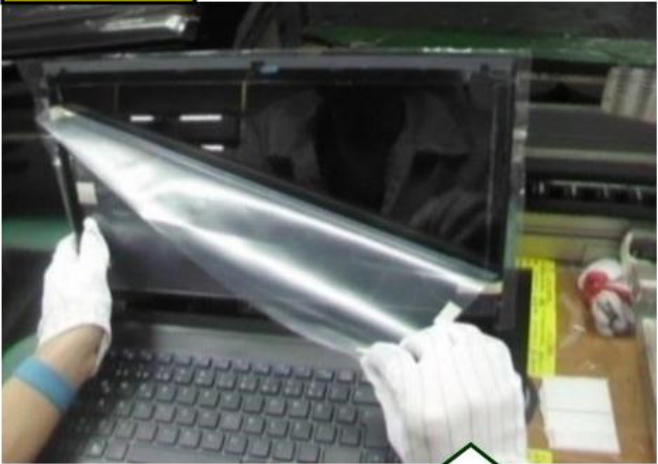
3. Check whether the power-on button is flexible.

Shut down, the on/off button cannot be disabled,

The printing must be complete and no missing prints are allowed.

(Reference 3)

Four



4. Tear off the protective film and leave the front frame intact.

Scratches/dirty/residual glue, if the logo is printed

It needs to be complete, no missing prints, etc.

(Reference 4)

Note: 1. The LCD five-color screen 200 includes a full inspection for orders within 200, a full inspection for the first 200 for orders greater than 200, and a check function of 1 out of 20 after 200 (for the second item)

2. The gap between the LCD and the front cover must not exceed the standard below, and no single point protrudes on both sides;

3. For defective machines, record the defective phenomena on the process card and put the defective machines on the defective trolleys.

model				Process code file number version production date				Farewell (small)	Page (Small) Site (Large) Page (Large)					
NJ7xx		General inspection (2)		Establish	1	IE-2319	Reference 3	2023.07.06	16	3-3/16	31	3-3/31		
B O M	NO.	Description	Parts Number	Q'TY	Torque	Remark quality	points/notes: 1. Wear an electrostatic bracelet during operation 2. Increase the illumination value: 800~1200lm/y			Tools/Supplies: 1. Static electricity bracelet 2. Thick and thin rules				
Hold														
do			five			six			seven			eight		
														
			5. Check the upper cover T/P button clearance/section The difference cannot exceed the standard, it must be functional, and it cannot There are scratches/dirty/residual glue, etc. (Reference 5)				6. Check that the back cover is not scratched/dirty Dirt/residual glue, if the printed logo needs to be complete, No missing prints, etc. (Reference 6)				7. Check that there are no scratches on the front and rear sides Damage/dirty/residual glue, four major combinations Rear clearance/breakage/impact cannot be exceeded mark (Reference 7)		8. Check that there are no scratches on the left and right sides/ Dirty/residual glue, after the four major parts are combined The gap/discrepancy cannot exceed the standard (Reference 8)	
			Nine			ten			eleven					
														
			9. Shake the machine and do not hear the screws touching. Sounds inside the machine (Reference 9)				10. With the opening upward, raise the machine 90 Degree, thickness gauge inspection, GAPy5mm is OK (Reference 10)				11. Check whether the process card information is correct correct (Reference 11)			
explain														
bright	Note: 1. For new models within 1500PCS, first visually inspect. If the visual GAP is too large, use a thickness gauge to measure (For item 10)													
	2. For new models after 1500 PCS, first piece measurement (For item 10)													
	3. For defective machines, record the defective phenomena on the process card and put the defective machines on the defective trolleys.													