



LCD MONITOR

C431

C501

MODEL C551

Dismantle Instruction

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1. Scope

This document describes dismantling instruction according to Annex VII of Directive 2012/19/EU.

2. Tools for dismantling

- Screw Driver
- Nipper

3. Dismantle Procedure

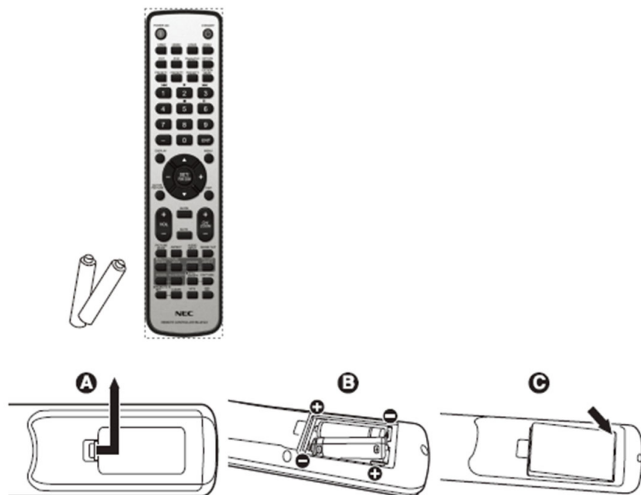
This product can be dismantled by below steps.

1. Remove Back covers (section 5)
2. Remove Printed circuit boards (section 7)

4. Batteries

This model uses only AAA battery for remote control.

Battery can easily be removed.



A. Press and slide to open the cover.

B. Align the batteries according to the (+) and (-) indications inside the case.

C. Replace the cover.

5. Disassembly

3.

DISASSEMBLY

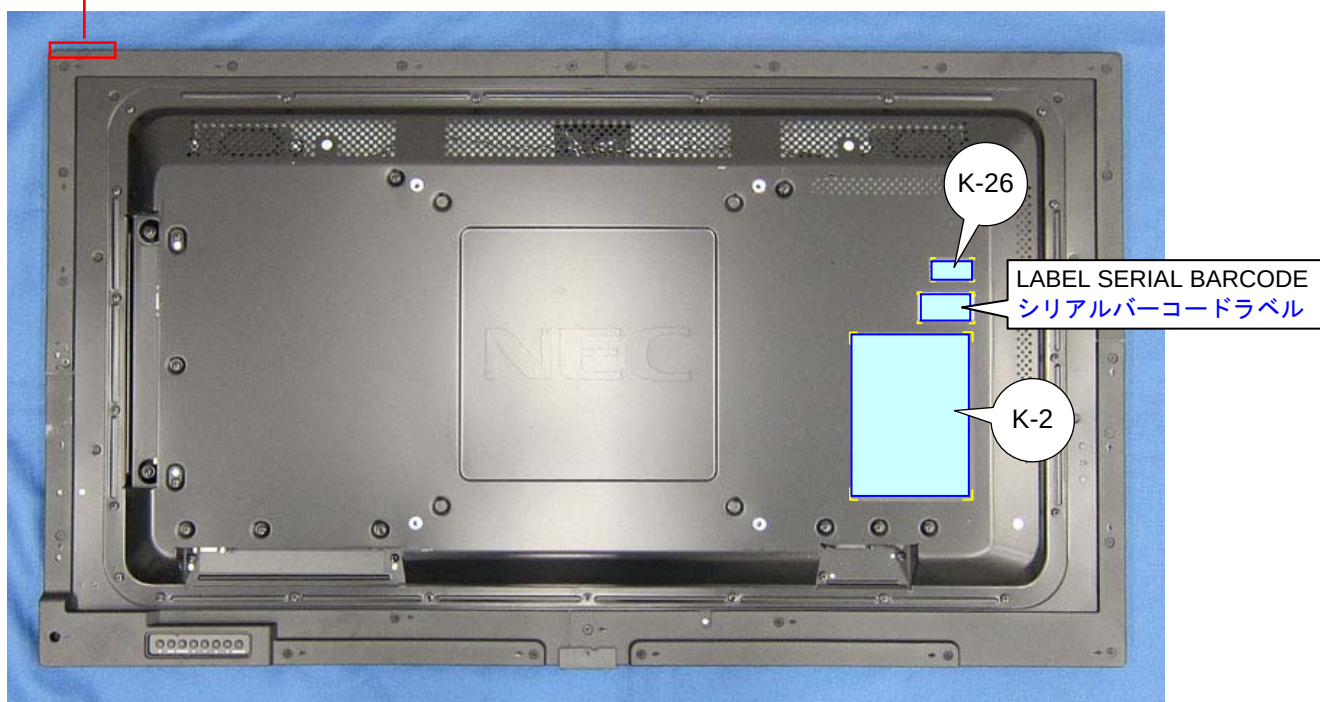
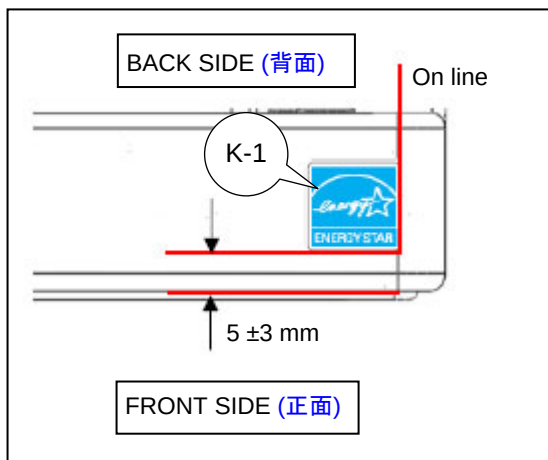
分解方法

Caution for work

作業上の注意

- Before you disassemble the set, turn off power and pull out the power plug.
分解を行う前に本体の電源を切り、電源プラグをコンセントから抜いて下さい。
- Use the proper screwdriver. If oversize or undersize screwdriver is used, screws may be damaged.
ドライバーはサイズの合ったものを使用して下さい。サイズが合わないものを使用すると、ネジ頭をつぶす原因となります。
- Assembly is reversed process of disassembly.
組立方法は分解方法の逆の手順となります。分解方法を参照のうえ、逆の手順で行って下さい。
- Adhesive recommended spare parts that are used by peeling off tapes and backing materials are reused if they have sufficient adhesion even after peeling, Replace the part with a new part that is weak in adhesion and difficult to reuse.
Replace parts with new ones that are conductive and hazardous if peeled off.
Parts that are not targeted for recommended spare parts, such as insert-type clampers, are reused.
テープ類や台紙を剥がして使用するなど粘着性のある保守部品は、剥がした後も粘着性が十分あるものは再利用をし、粘着性が弱くなるなど再利用が困難な状態のものは新しい部品と交換して下さい。
また導電性があり剥がれた場合に危険な部品は、新しい部品と交換して下さい。
挿入式のクランプなど保守部品対象外の部品は再利用して下さい。

1. Remove the Back Cover バックカバーの取り外し



SYMBOL K-2:

A / B / J ver.



C ver.



T / W ver.

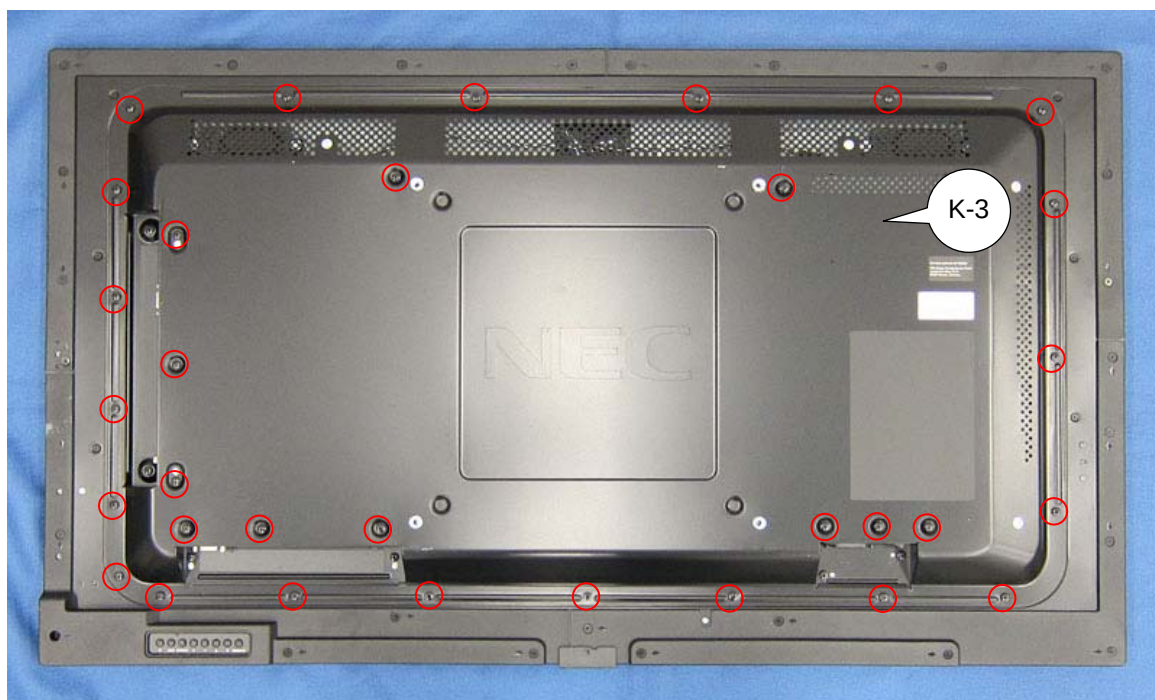


SYMBOL K-26: Only for A / B / W ver. (A / B / W ver.のみ適用)

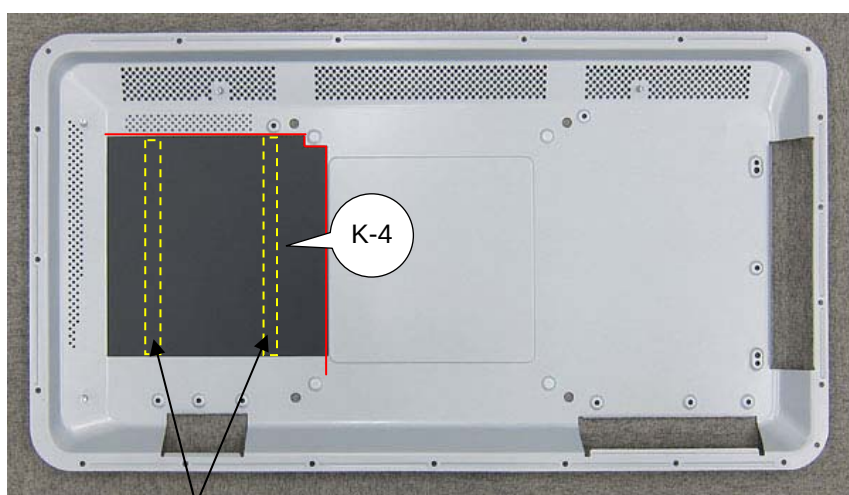
Contact address for EMEA
NEC Display Solutions Europe GmbH
Landshuter Allee 12-14
80637 Munich, Germany

Affix the rating label on the position in the above photo.

貼り付け位置は刻印（四角枠）の範囲内に貼り付けること。



SYMBOL S-1: ○ 32 pcs.



Paste double-faced tape to fit the line.
両面テープで真っ直ぐに貼り付ける。

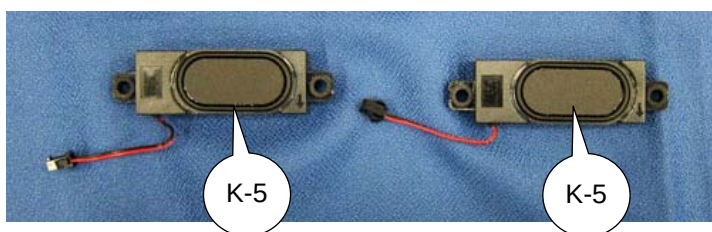
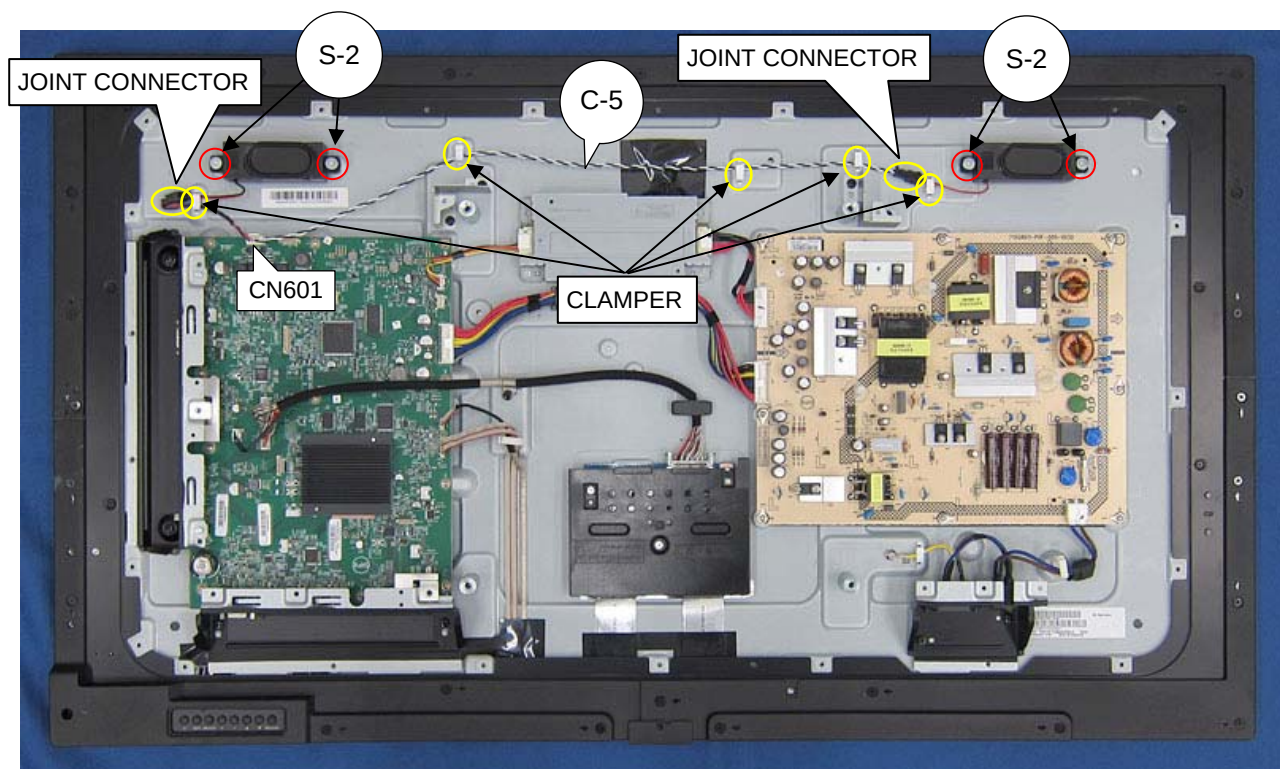
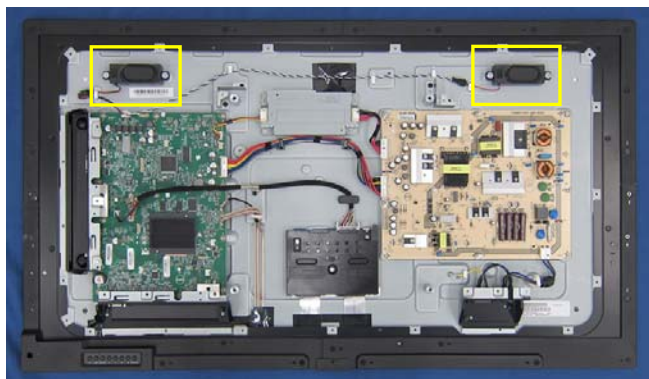
Back side (裏側)

Note

Paste the double-faced tape when sticking has weakened when the "INSULATING SHEET" is recycled.

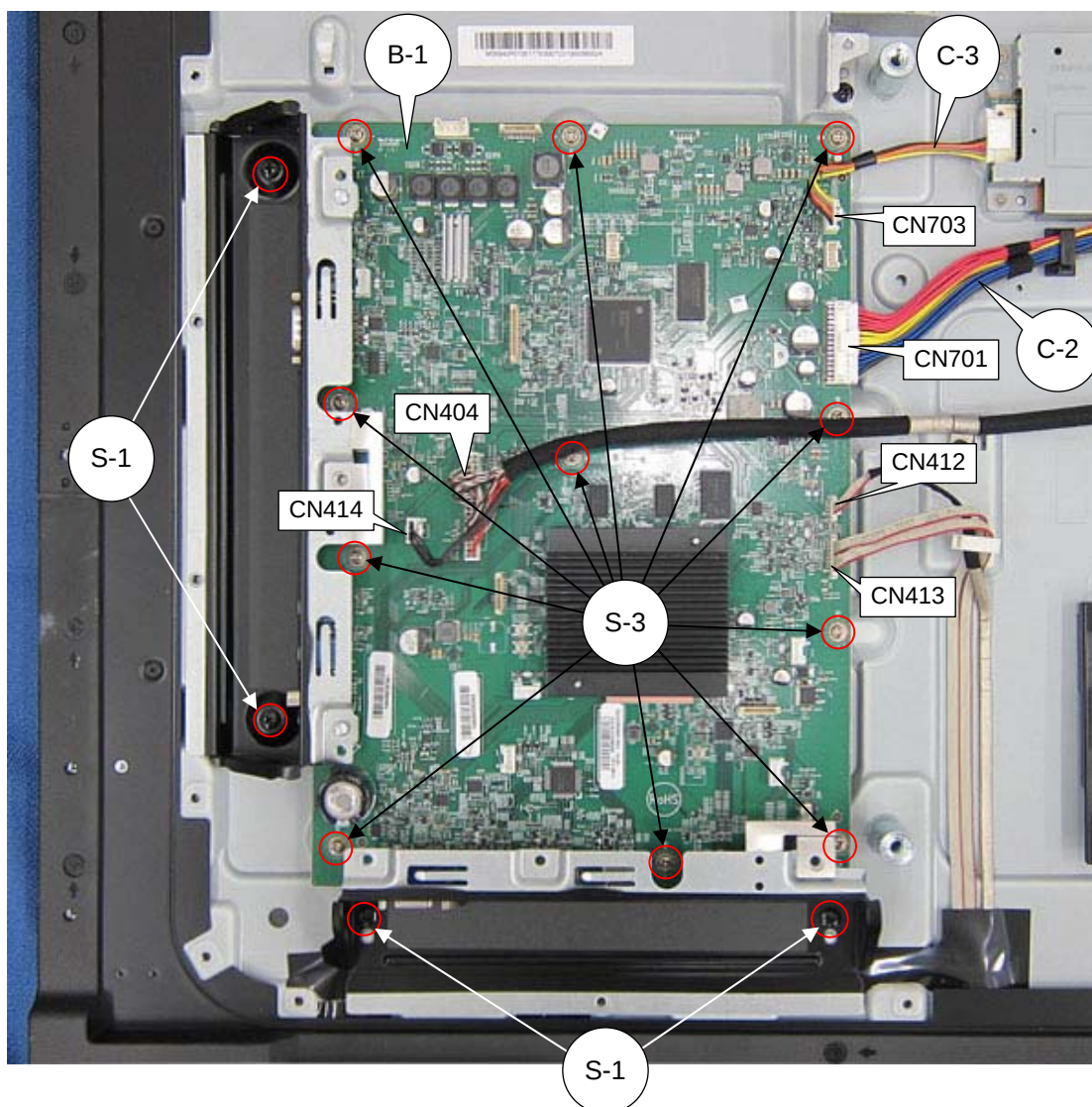
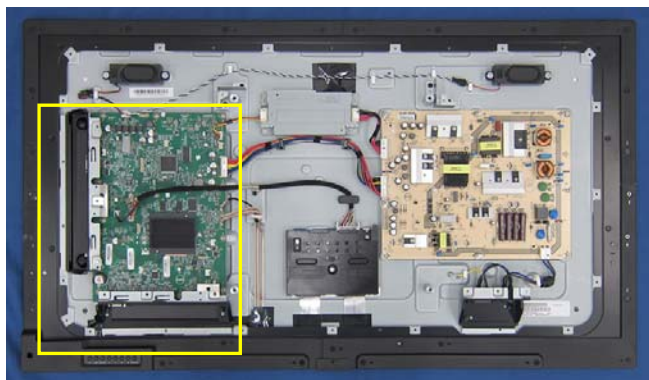
絶縁シートを再利用する際、粘着が弱くなっている場合は両面テープを貼ること。

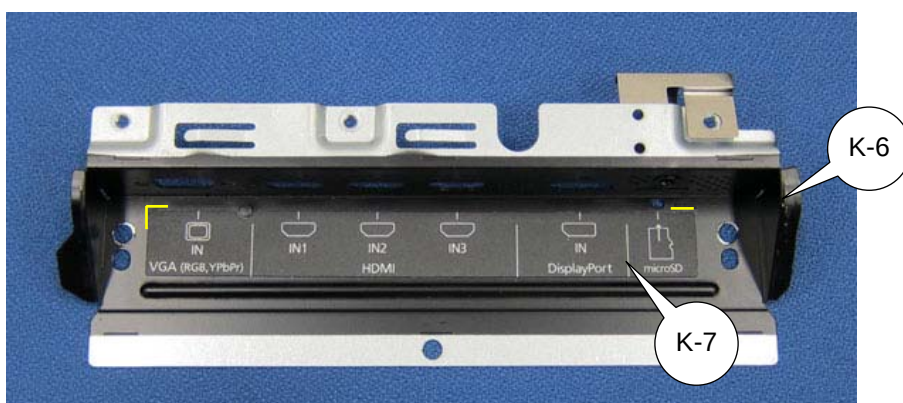
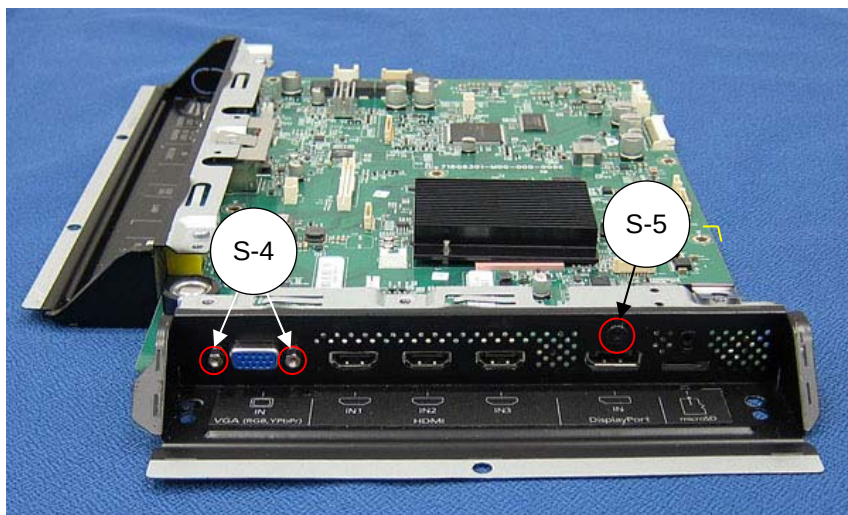
2. Remove the Speaker スピーカーの取り外し



3. Remove the PWB 基板の取り外し

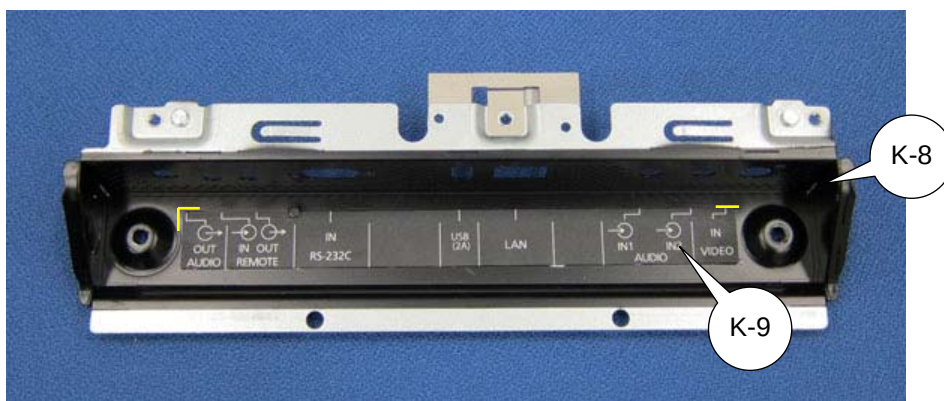
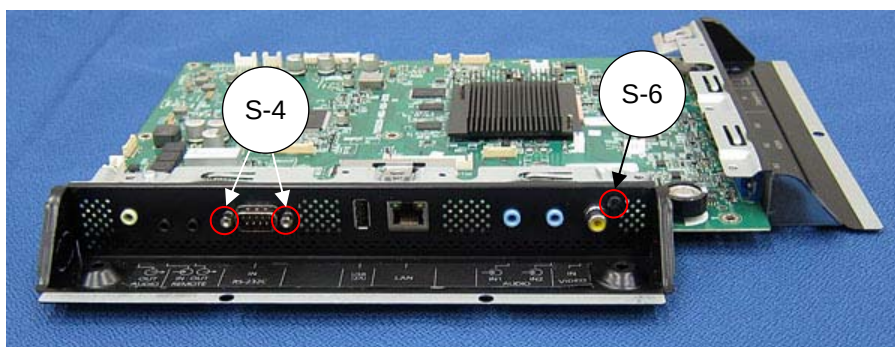
- Remove the PWB (MAIN PWB)
基板の取り外し(MAIN 基板)





SYMBOL K-7: Affix the rating label on the position in the above photo.

SYMBOL K-7: 貼り付け位置は刻印の範囲内に貼り付けること。

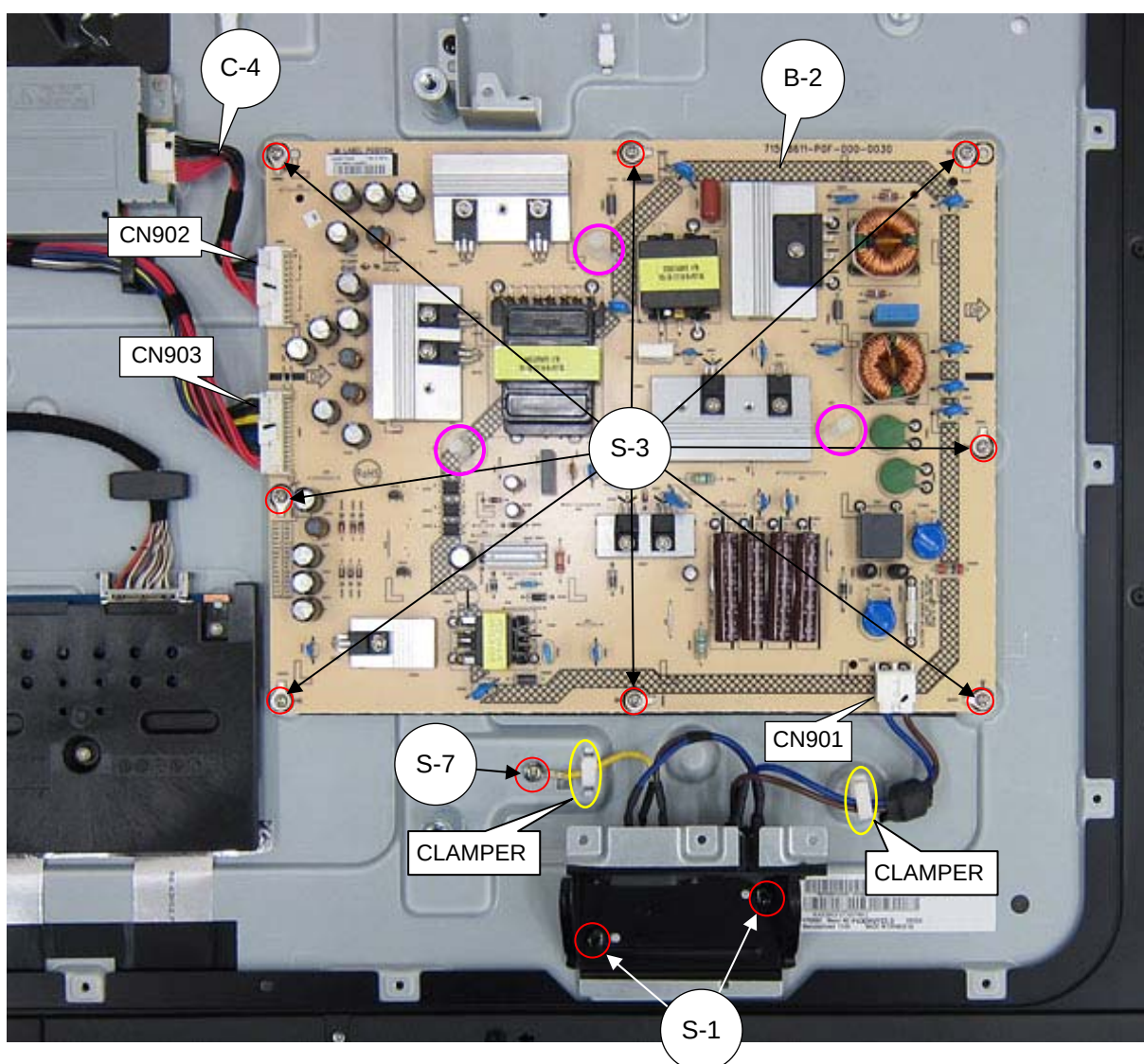
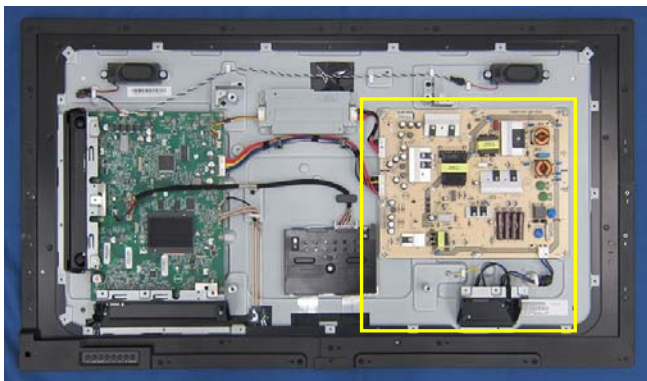


SYMBOL K-9: Affix the rating label on the position in the above photo.

SYMBOL K-9: 貼り付け位置は刻印の範囲内に貼り付けること。

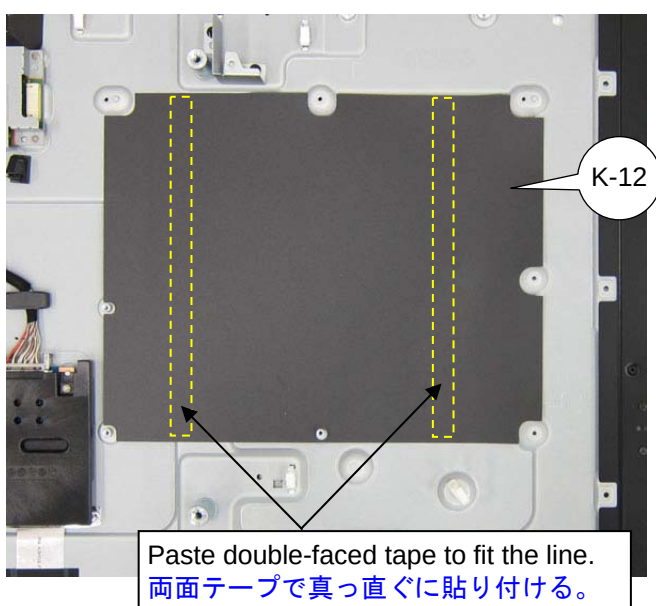
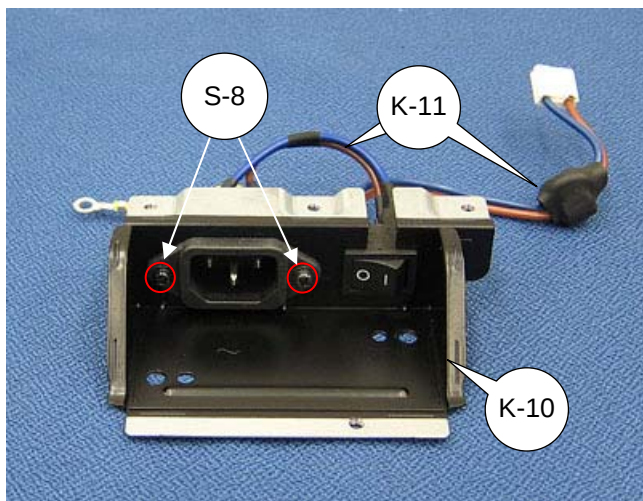
- Remove the PWB (POWER PWB)

基板の取り外し(電源基板)



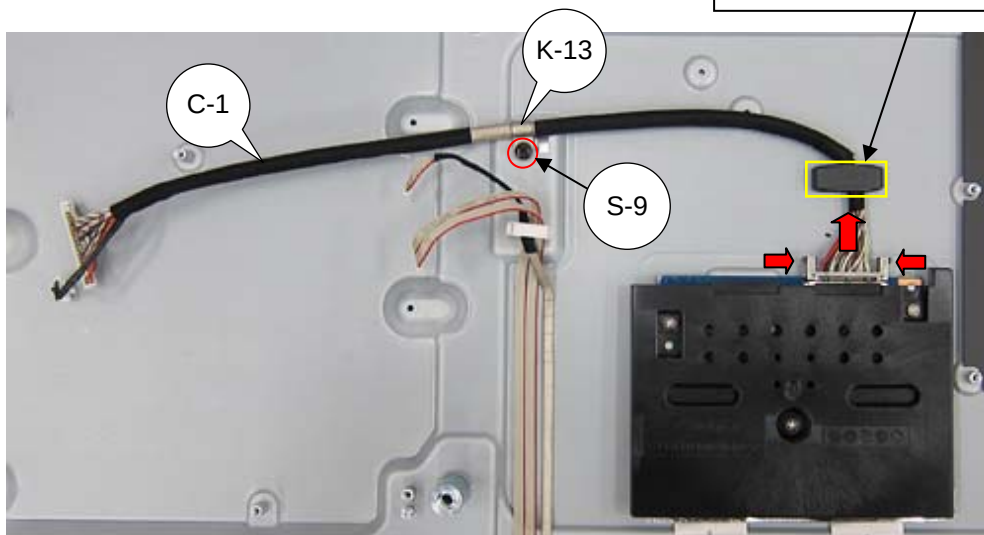
When the POWER PWB is exchanged, the PCB-SUPPORT is removed and it recycles.

電源基板を交換する際は、PCB-SUPPORTを外し再利用すること。

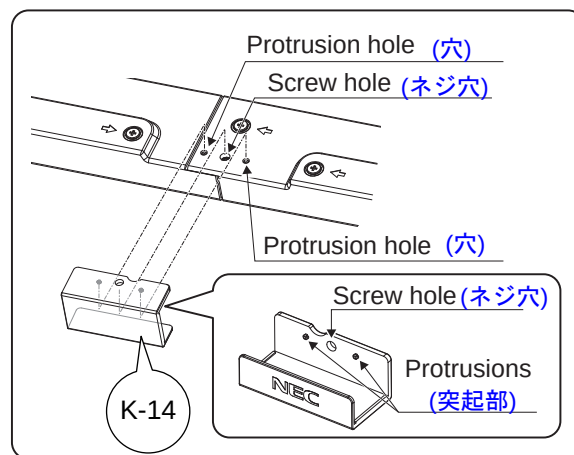
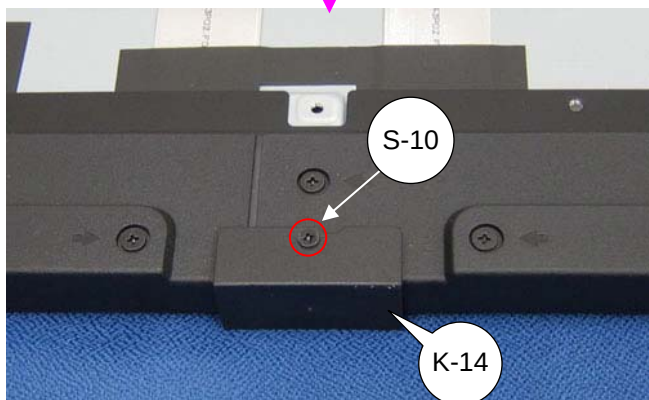
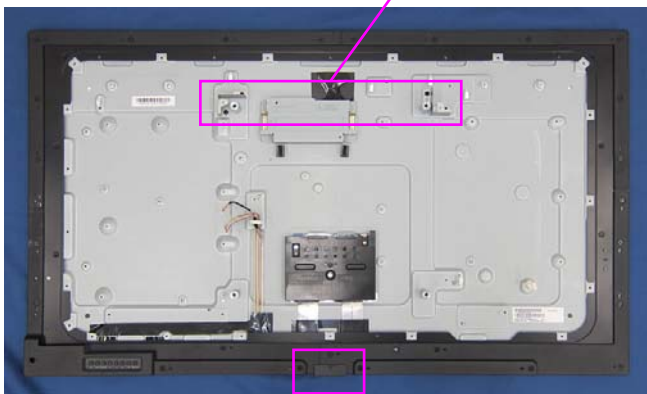
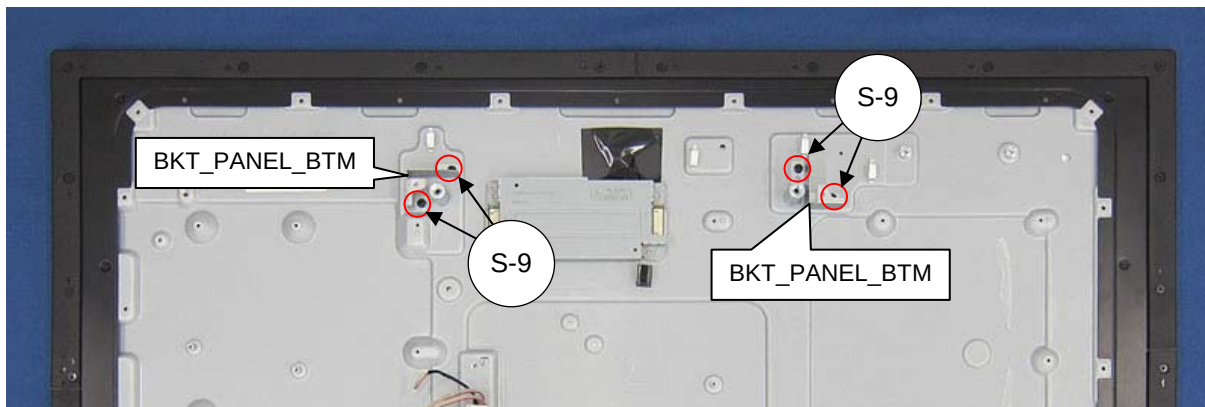


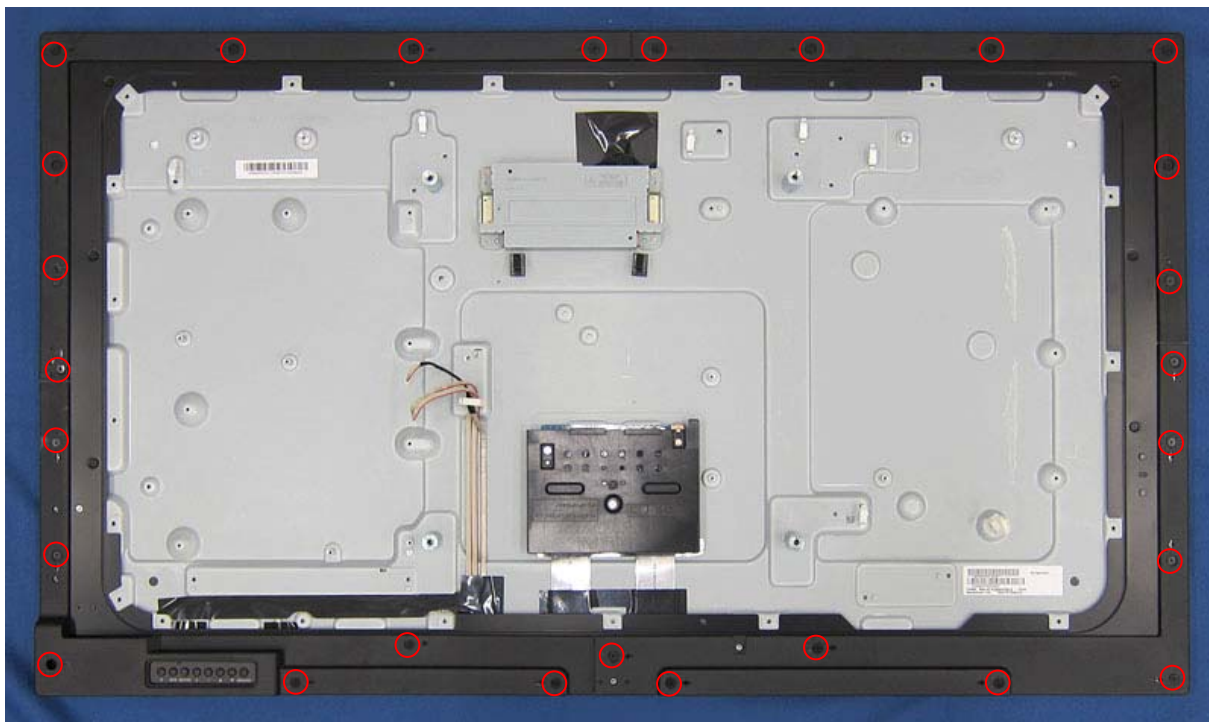
Affix the rating label on the position in the above photo.

貼り付け位置は刻印の範囲内に貼り付けること。

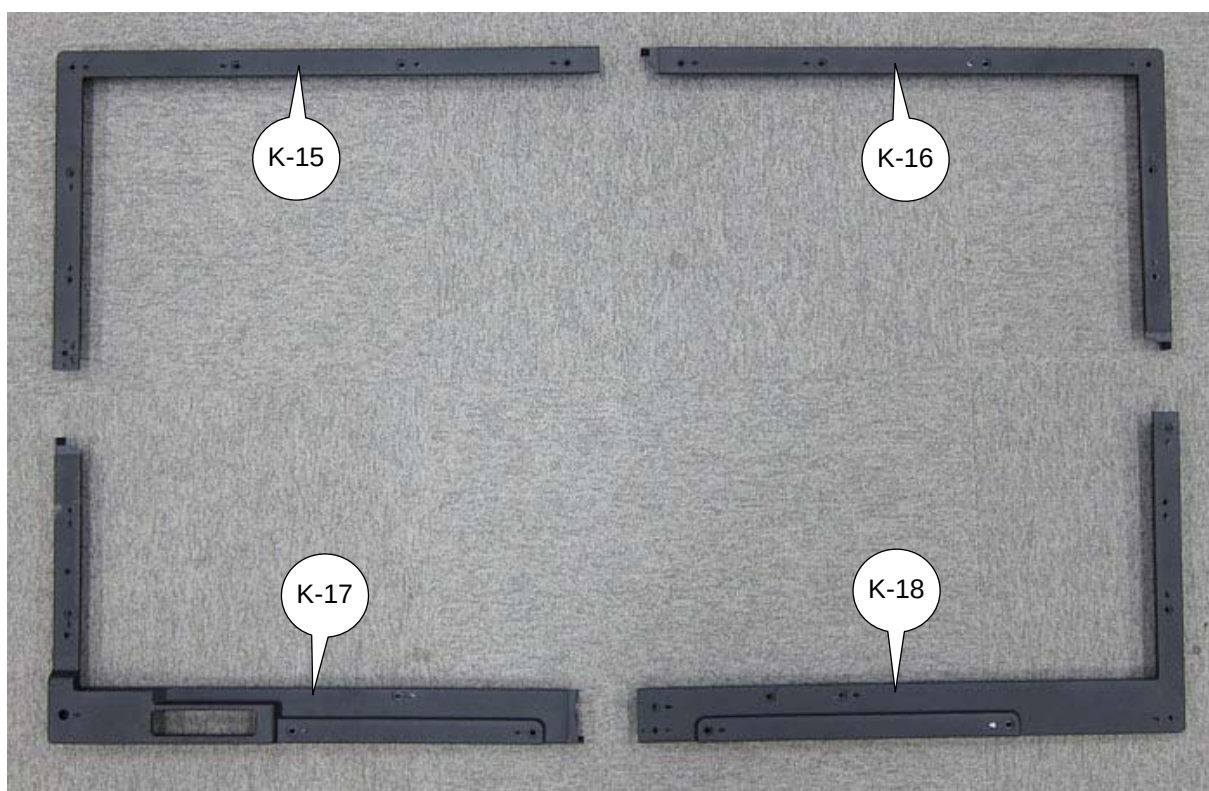


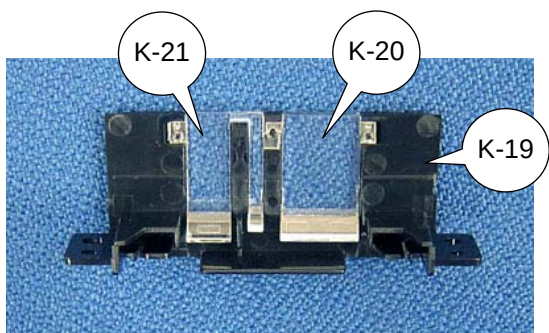
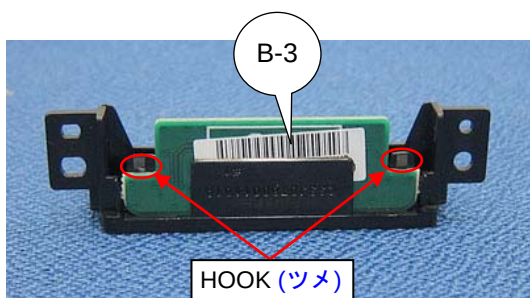
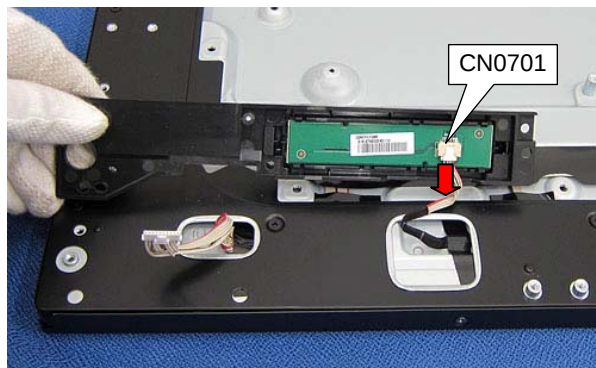
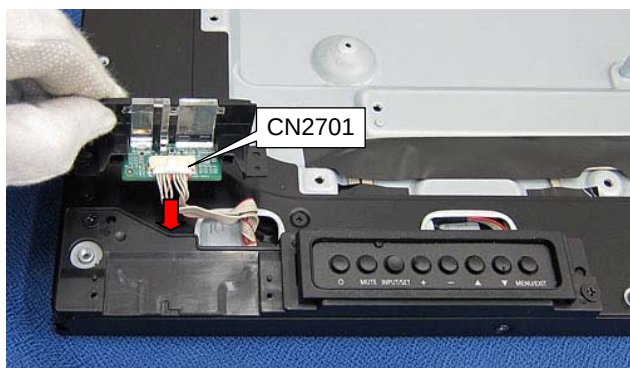
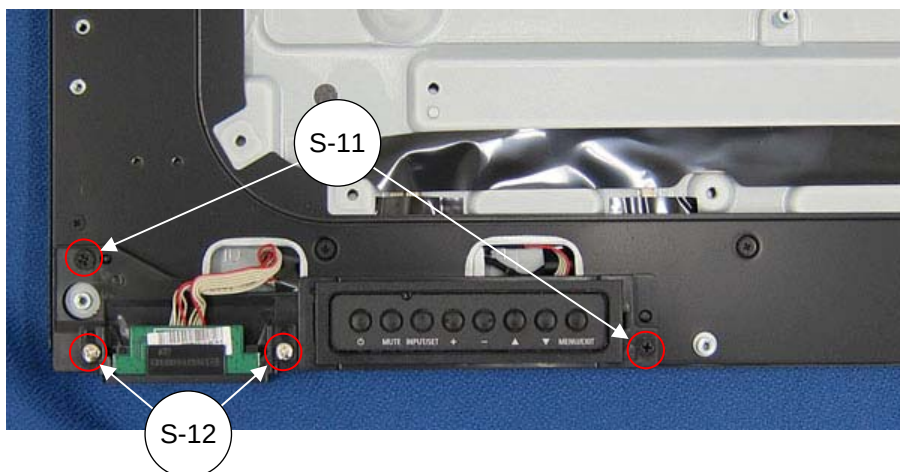
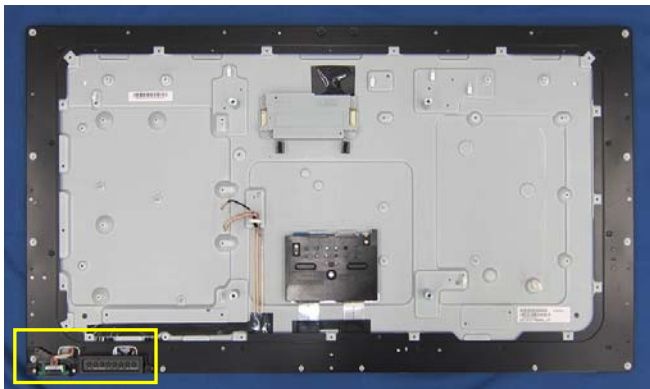
4. Remove the Bezel, IR PWB and Control SW ベゼル、IR 基板、コントロール SW の取り外し

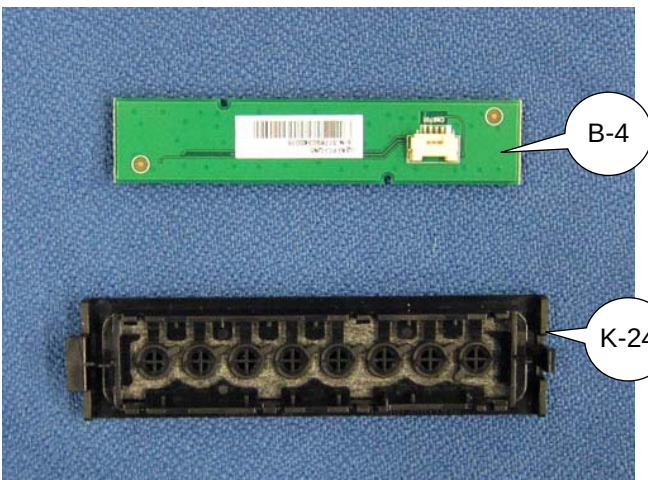
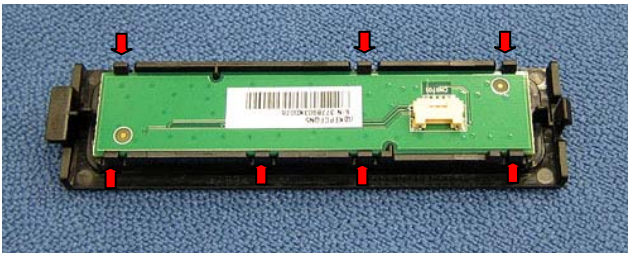




SYMBOL S-5: ○ 27 pcs.

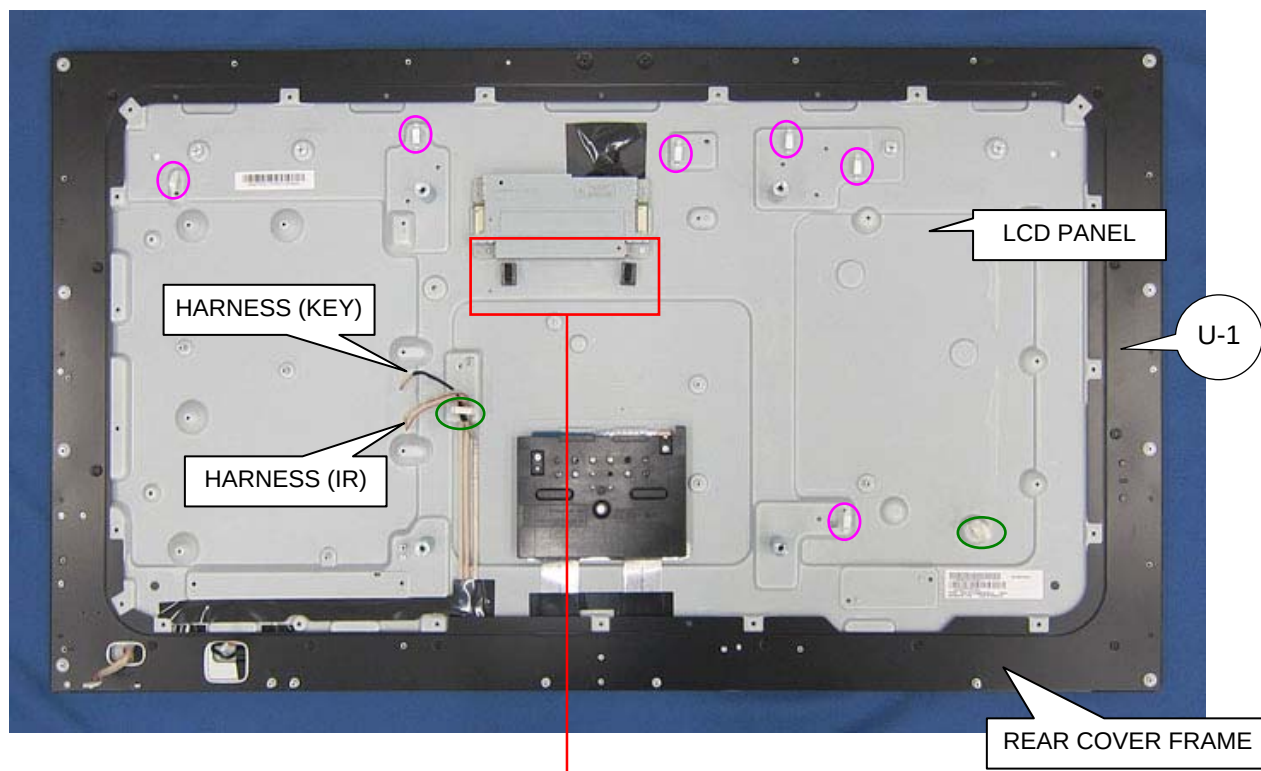






SYMBOL U-1 Include item (部品構成):

LCD PANEL, REAR COVER FRAME, HARNESS (KEY), HARNESS (IR)



SYMBOL K-25: Paste the CLAMPER along the line.

SYMBOL K-25: クランパはライン(刻印)に沿って貼り付ける。

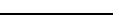
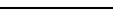


When the LCD PANEL is exchanged, the CLAMPER is removed and it recycles.
LCD パネルを交換する際は、クランパを外し再利用すること。

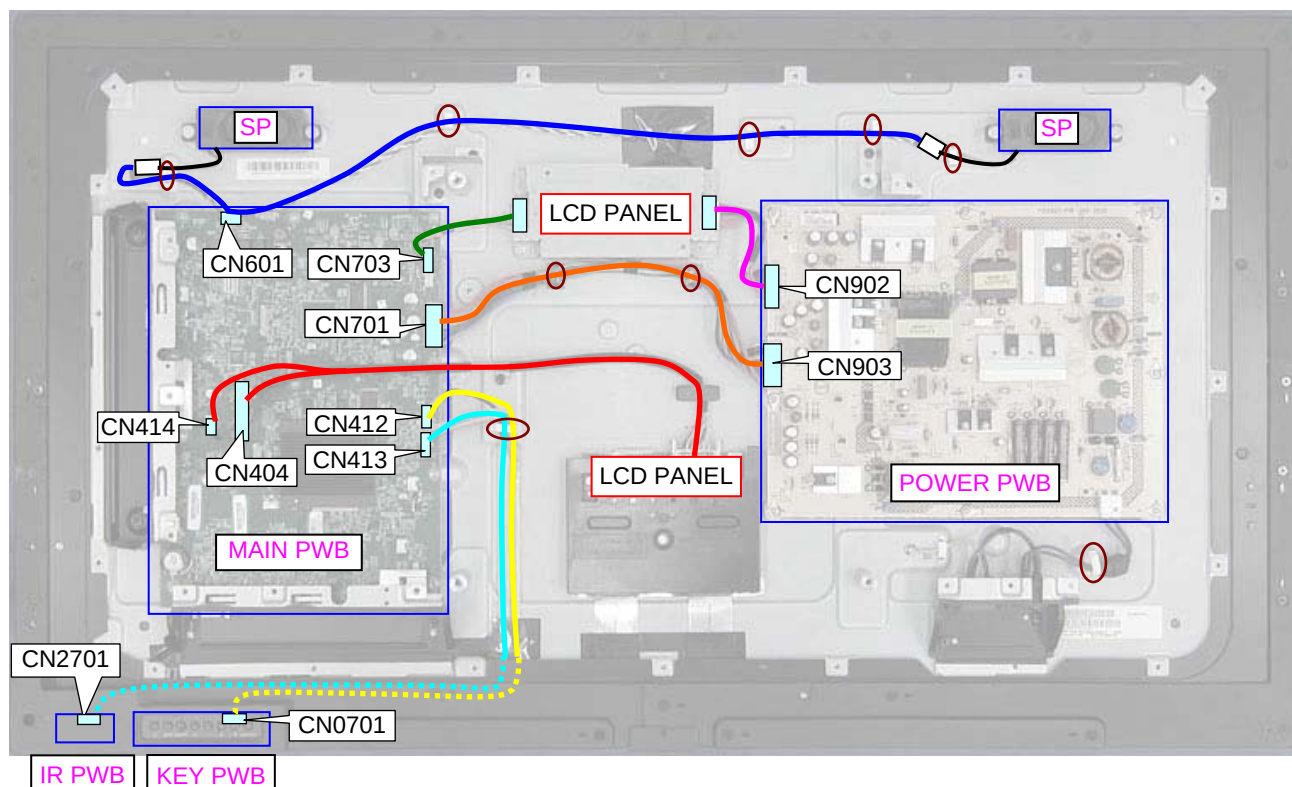


Wiring diagram

配線図

C-1		CN404, CN414 ↔ LCD PANEL			
C-2		CN701 ↔ CN903			
C-3		CN703 ↔ LCD PANEL			
C-4		CN902 ↔ LCD PANEL			
C-5		CN601 ↔ SPAEKER R/L			
---		CN412 ↔ CN0701 (KEY PWB)			
---		CN413 ↔ CN2701 (IR PWB)			

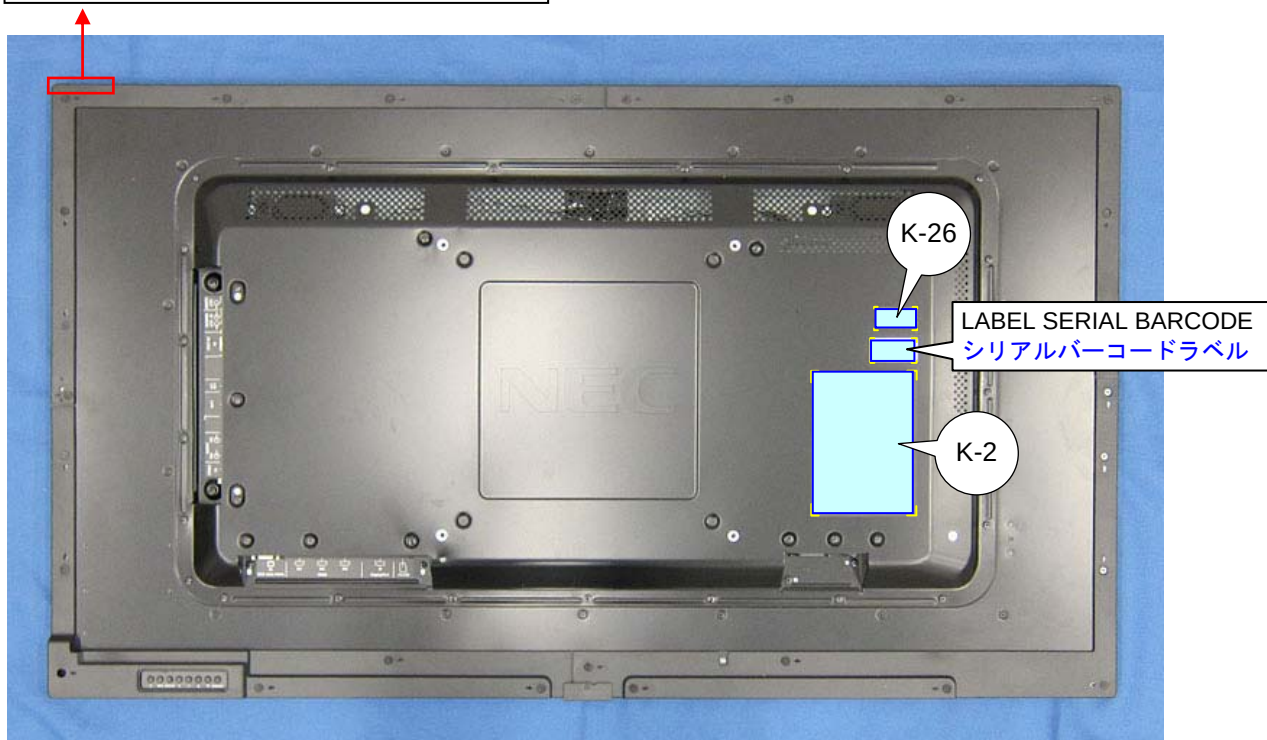
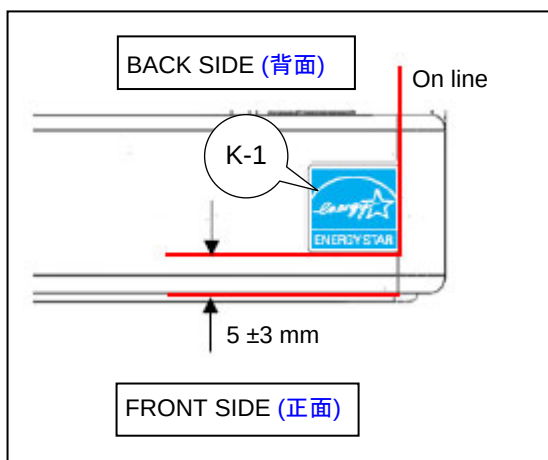
 CLAMPER



When the part is exchanged, the clamper is removed and it recycles.

部品交換する際は、クランパを外し再利用すること。

1. Remove the Back Cover バックカバーの取り外し



SYMBOL K-2:

A / B / J ver.

C ver.

T / W ver.

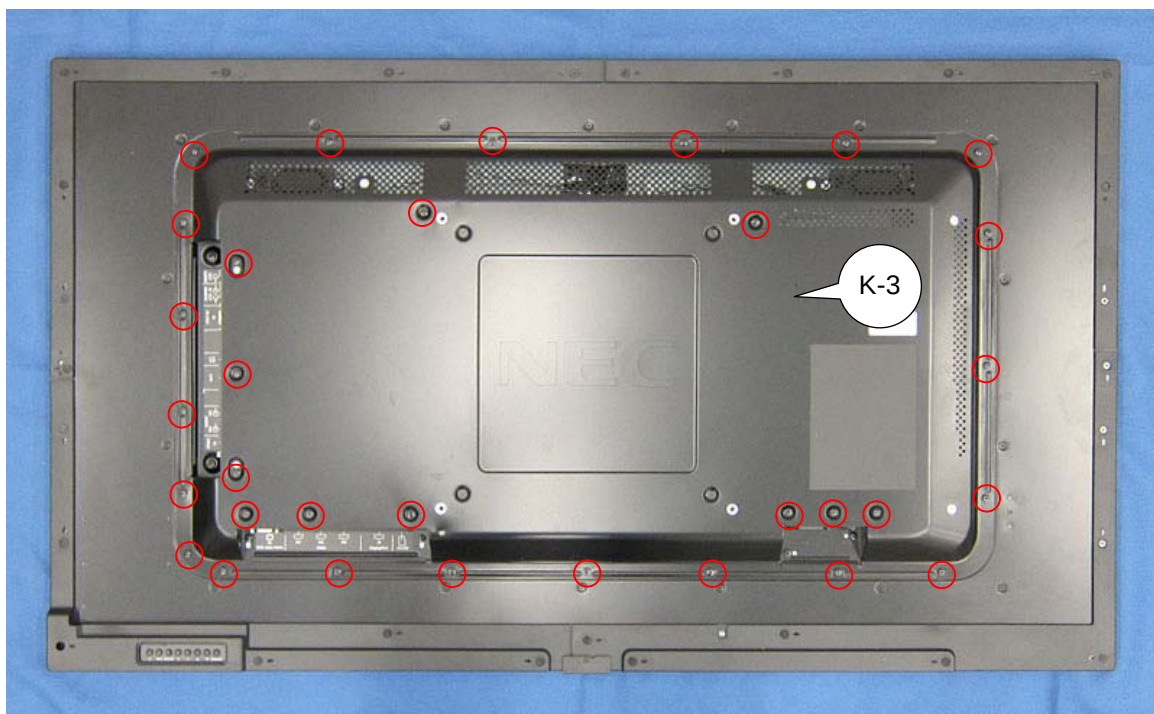


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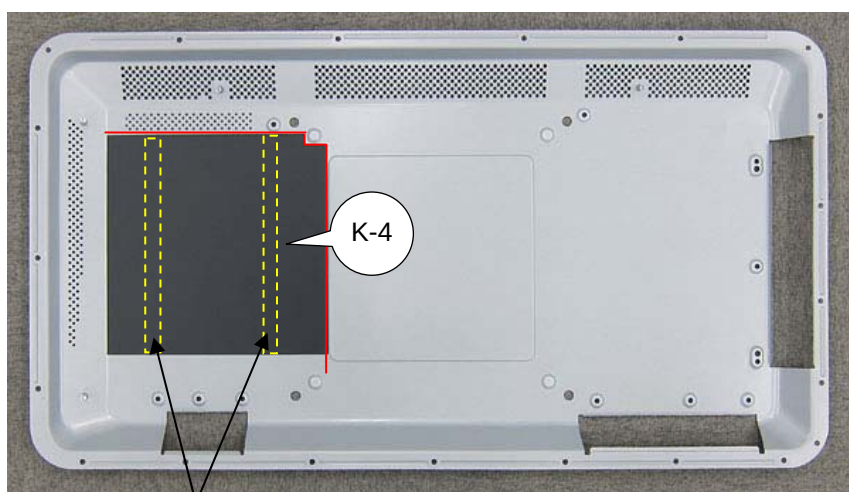
Contact address for EMEA
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80637 Munich, Germany

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両面テープで真っ直ぐに貼り付ける。

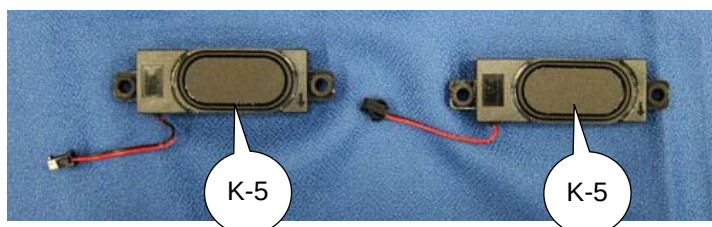
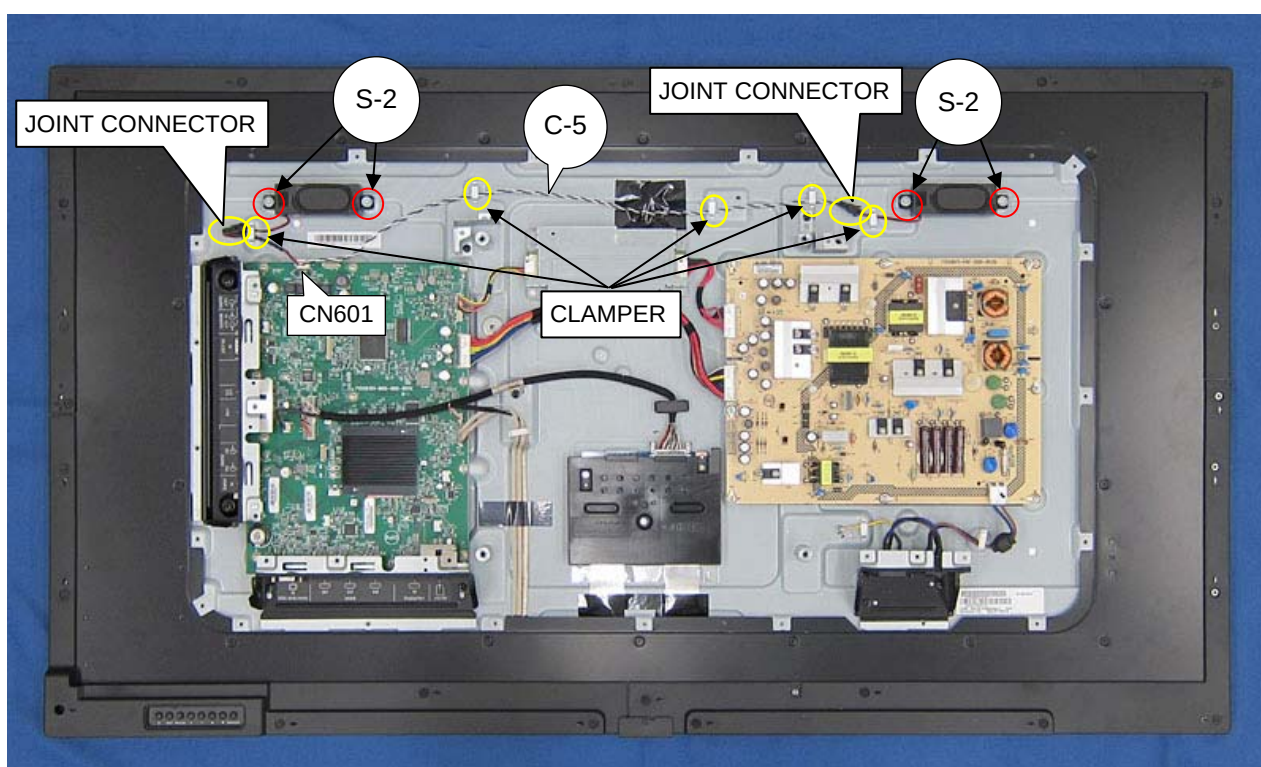
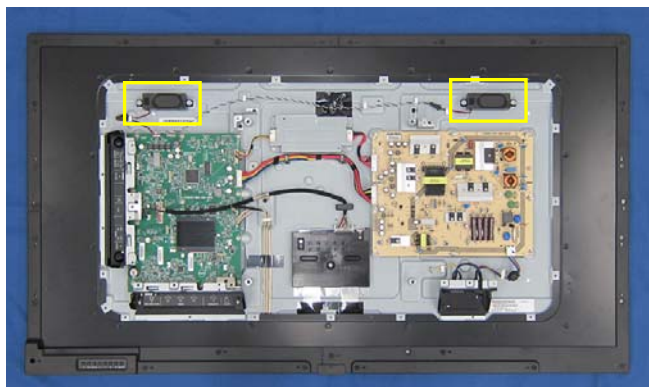
Back side (裏側)

Note

Paste the double-faced tape when sticking has weakened when the "INSULATING SHEET" is recycled.

絶縁シートを再利用する際、粘着が弱くなっている場合は両面テープを貼ること。

2. Remove the Speaker スピーカーの取り外し

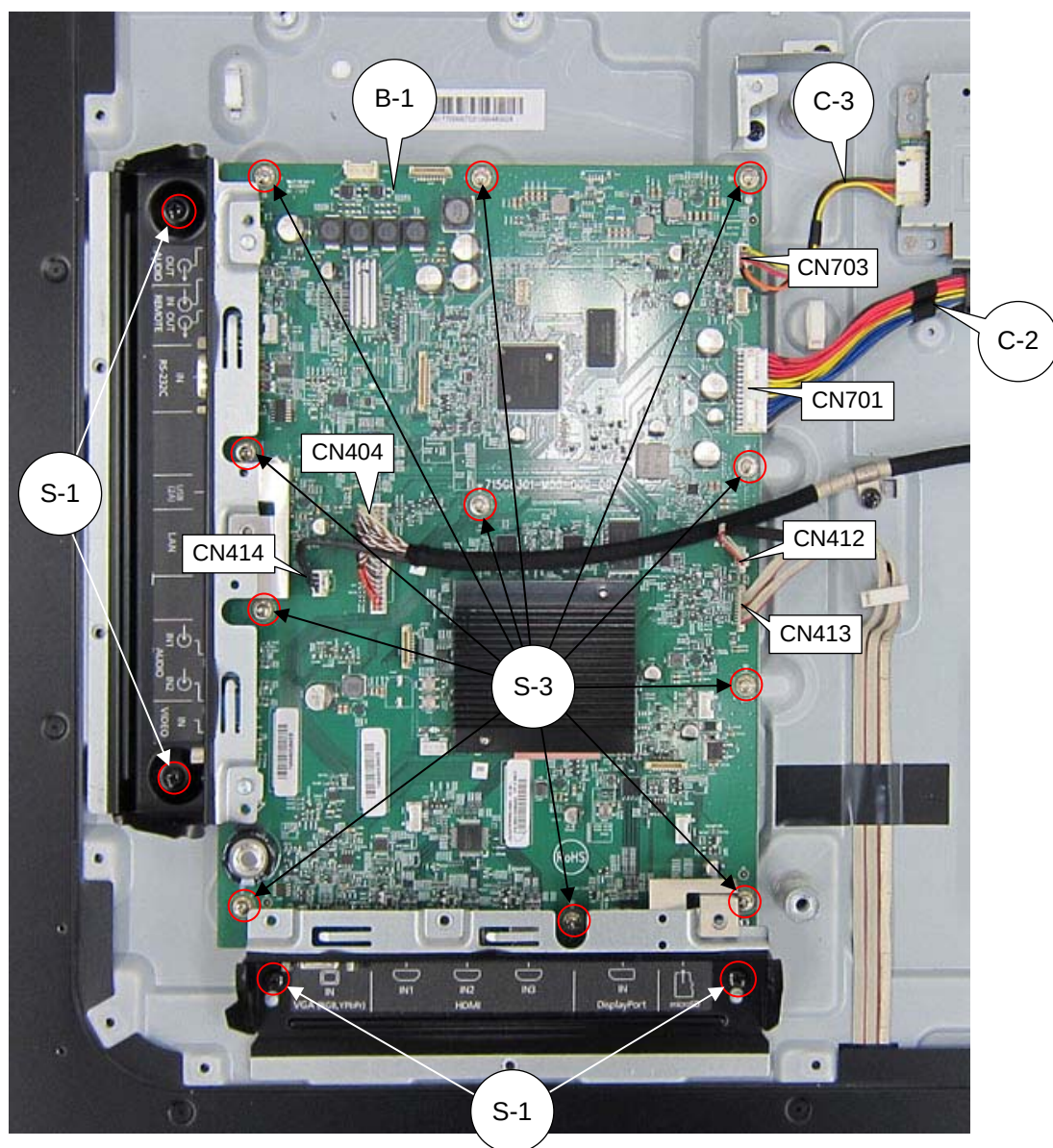
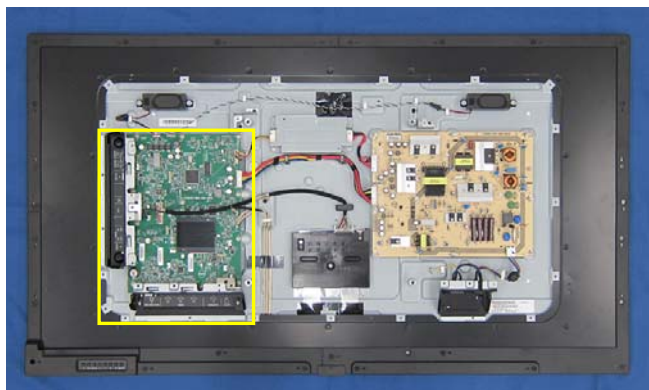


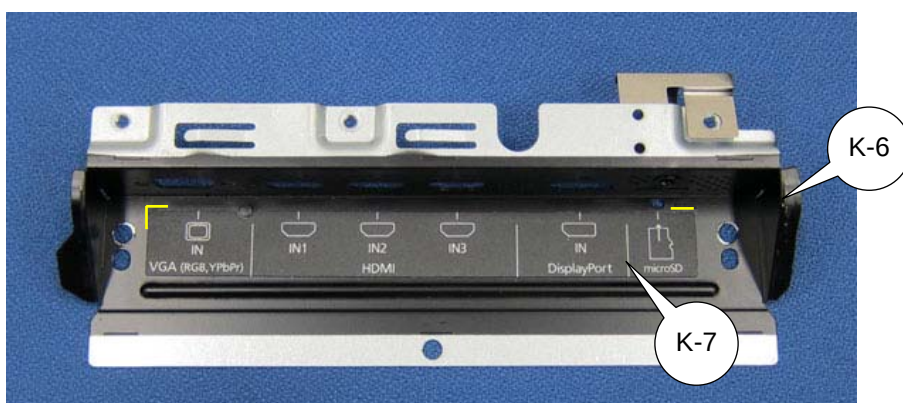
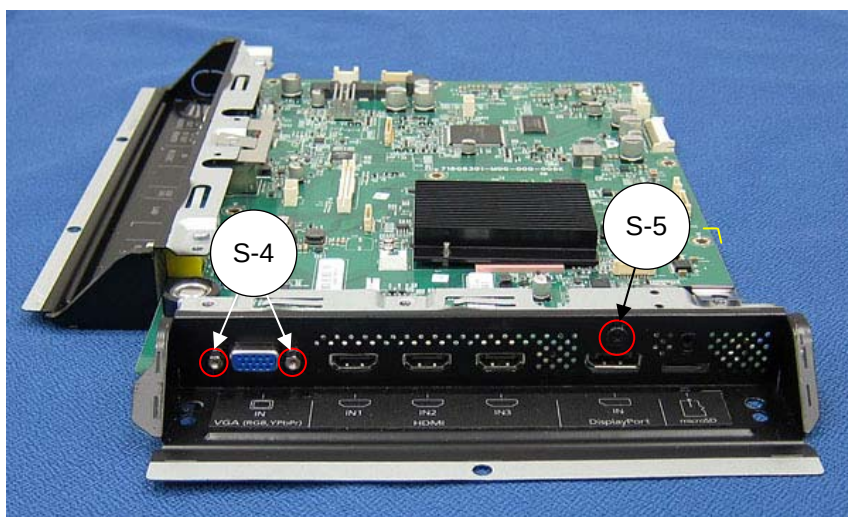
3. Remove the PWB

基板の取り外し

- Remove the PWB (MAIN PWB)

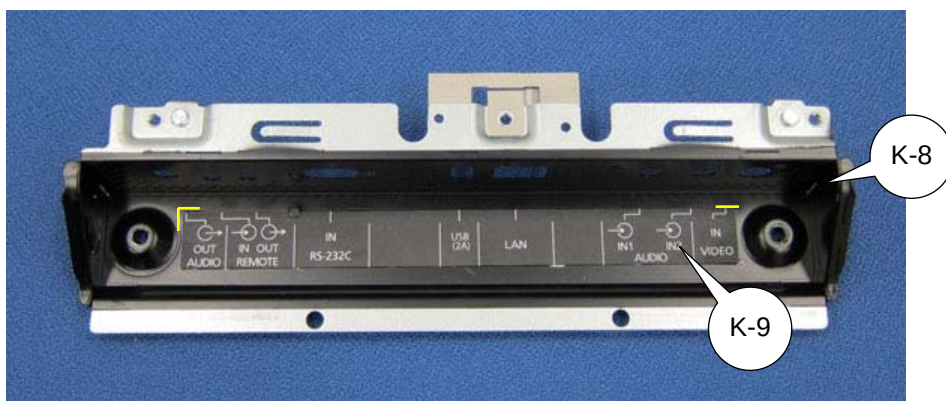
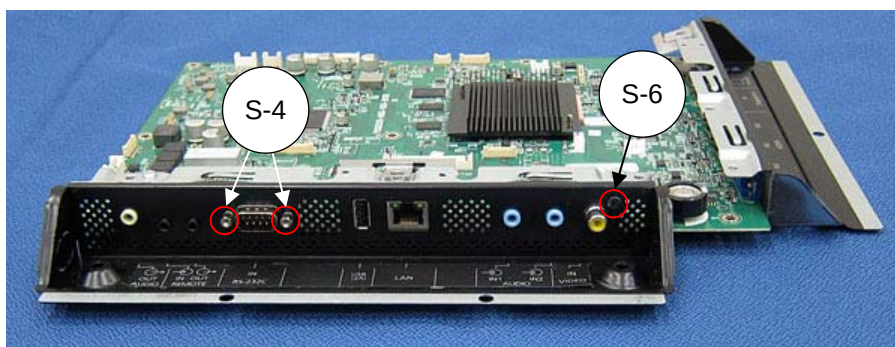
基板の取り外し(MAIN 基板)





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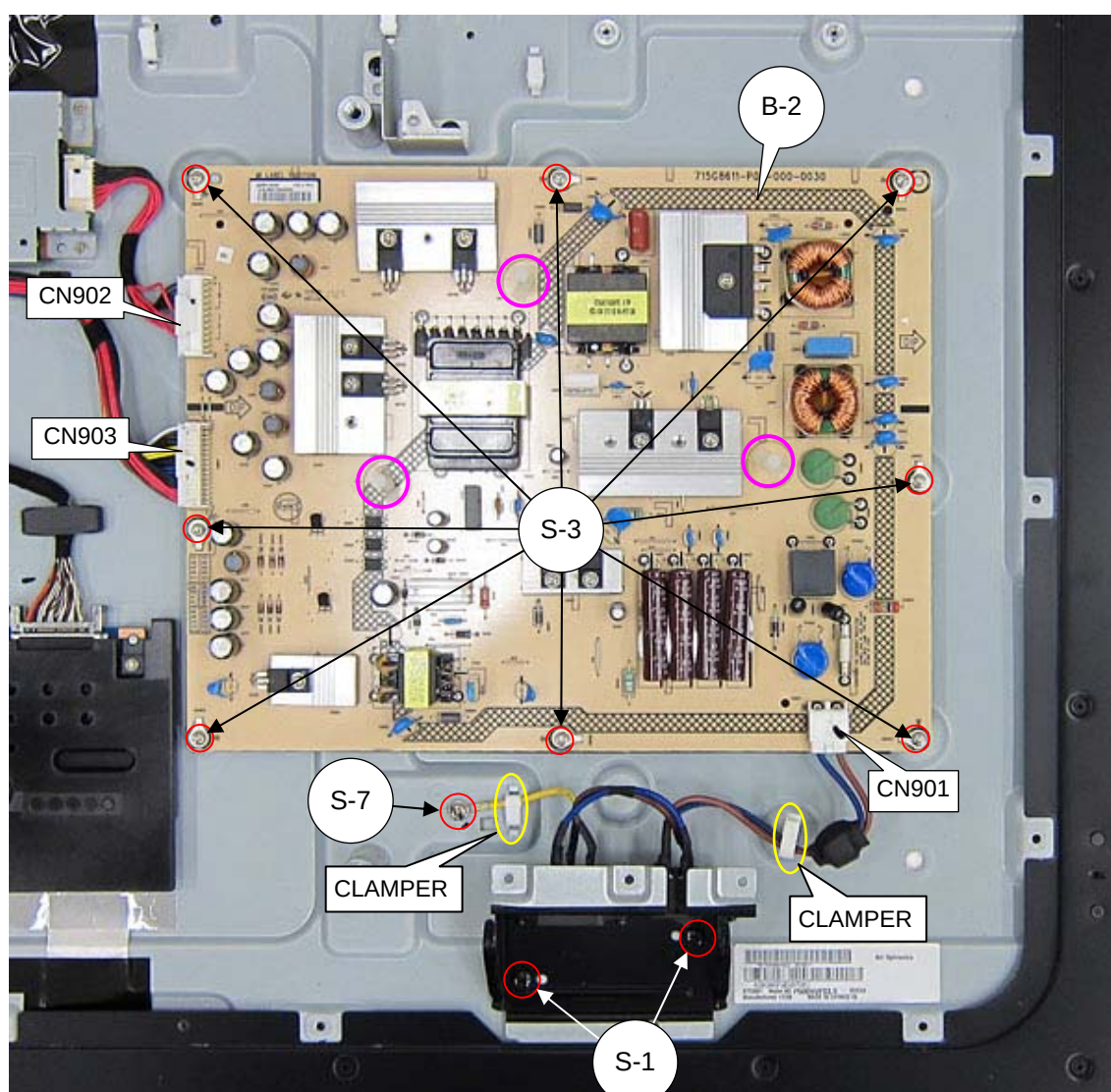
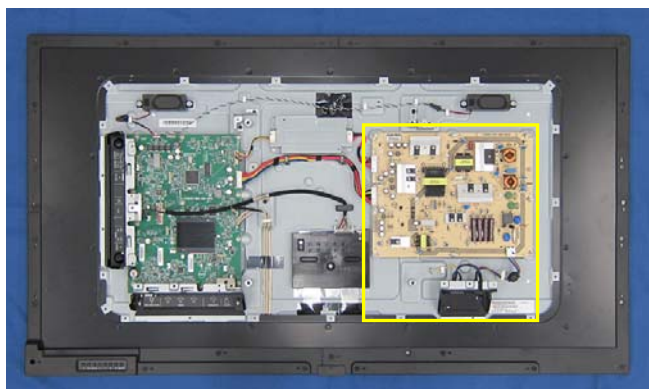


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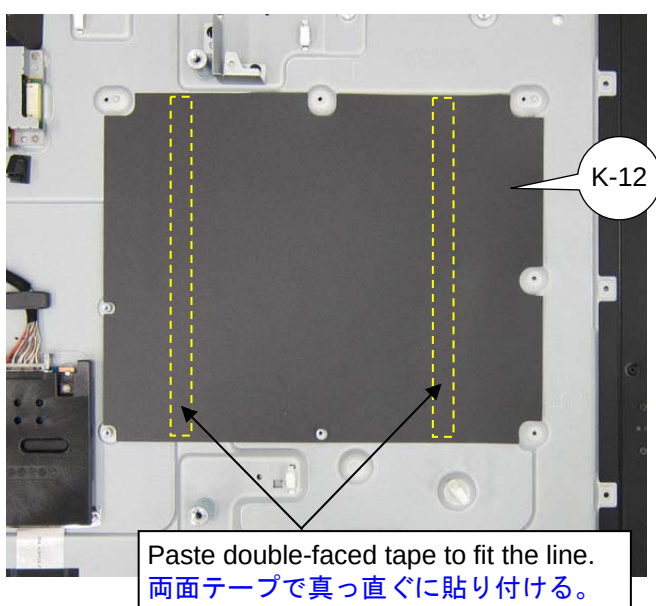
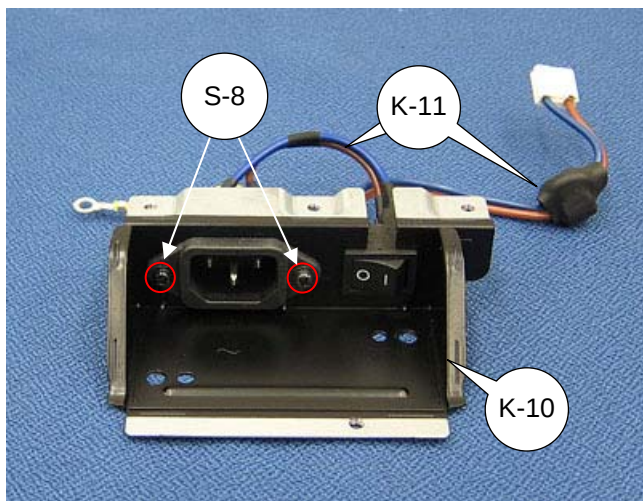
- Remove the PWB (POWER PWB)

基板の取り外し(電源基板)

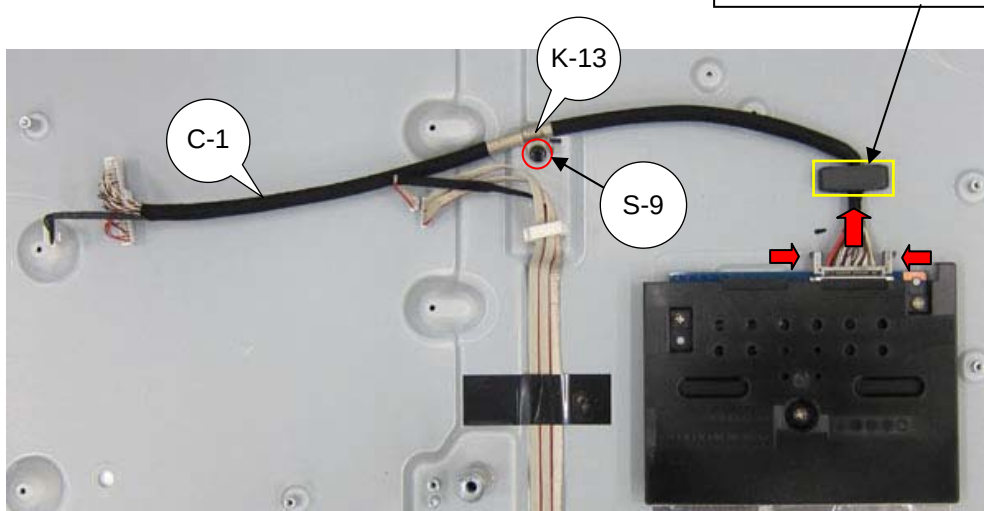


When the POWER PWB is exchanged, the PCB-SUPPORT is removed and it recycles.

電源基板を交換する際は、PCB-SUPPORTを外し再利用すること。

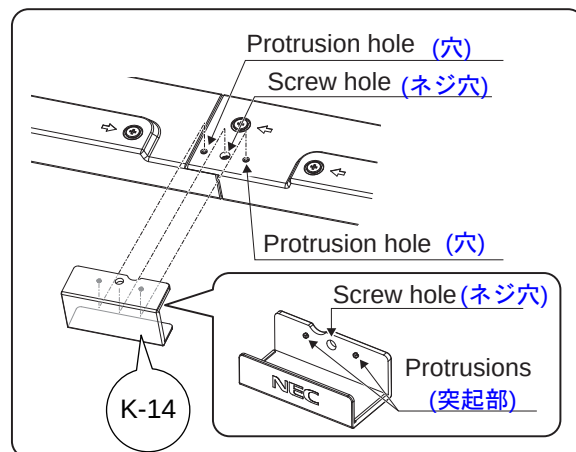
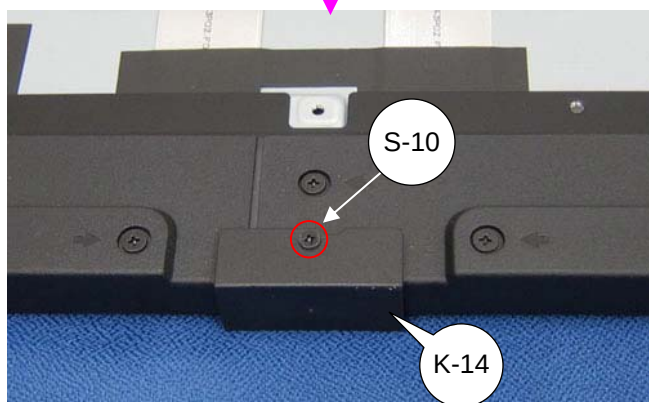
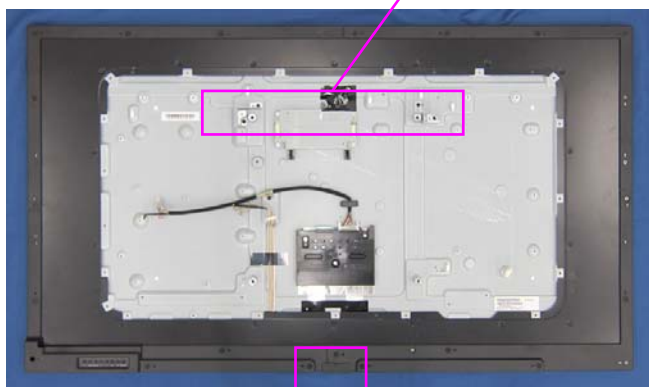
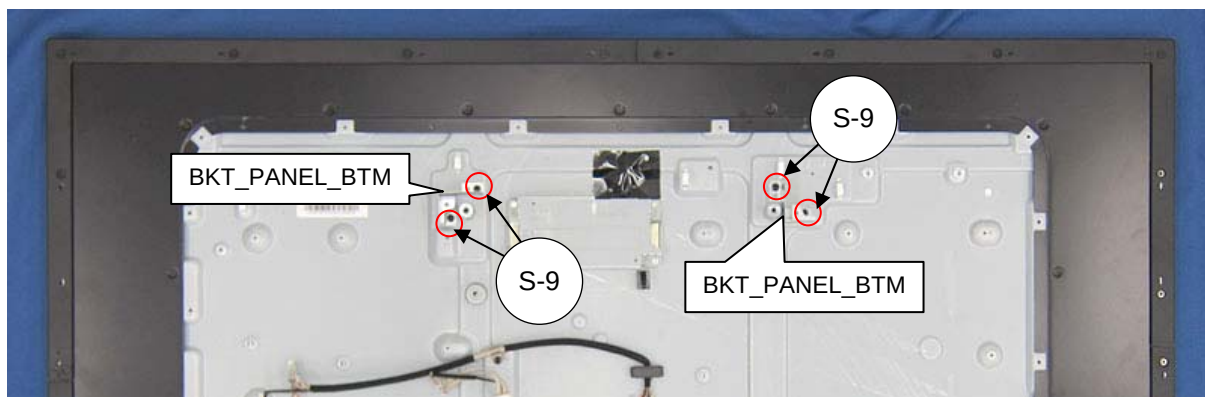


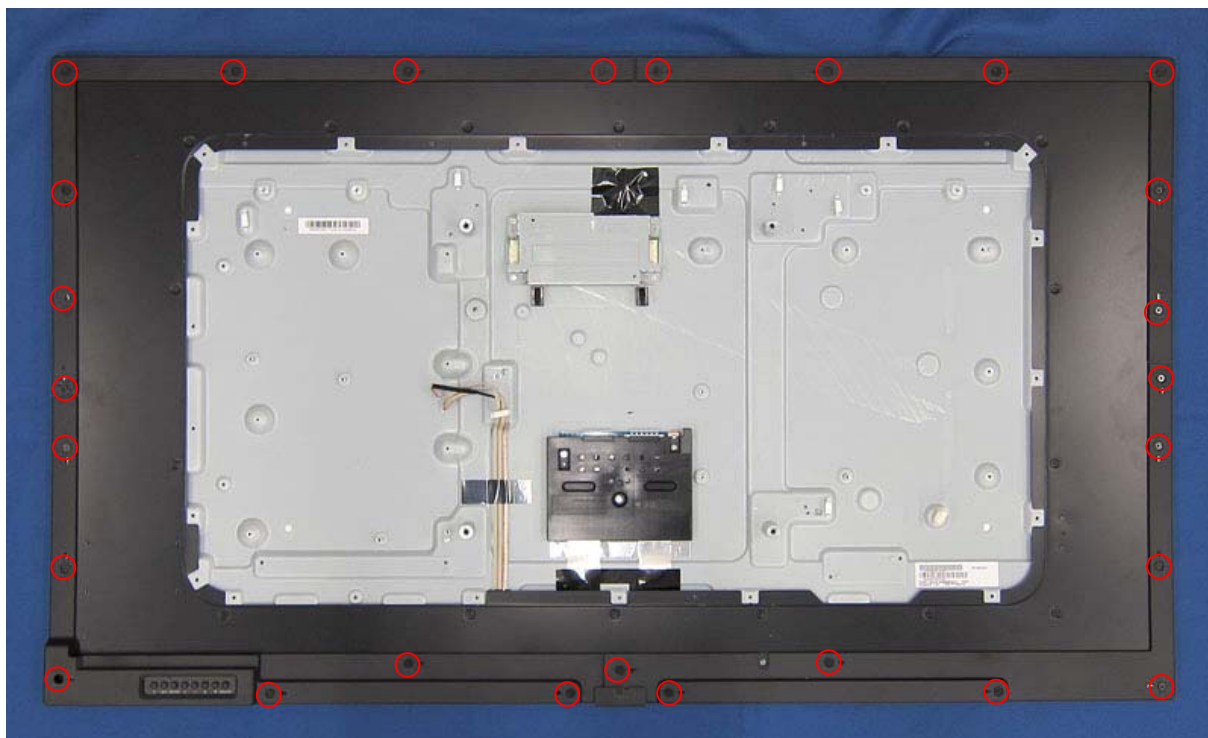
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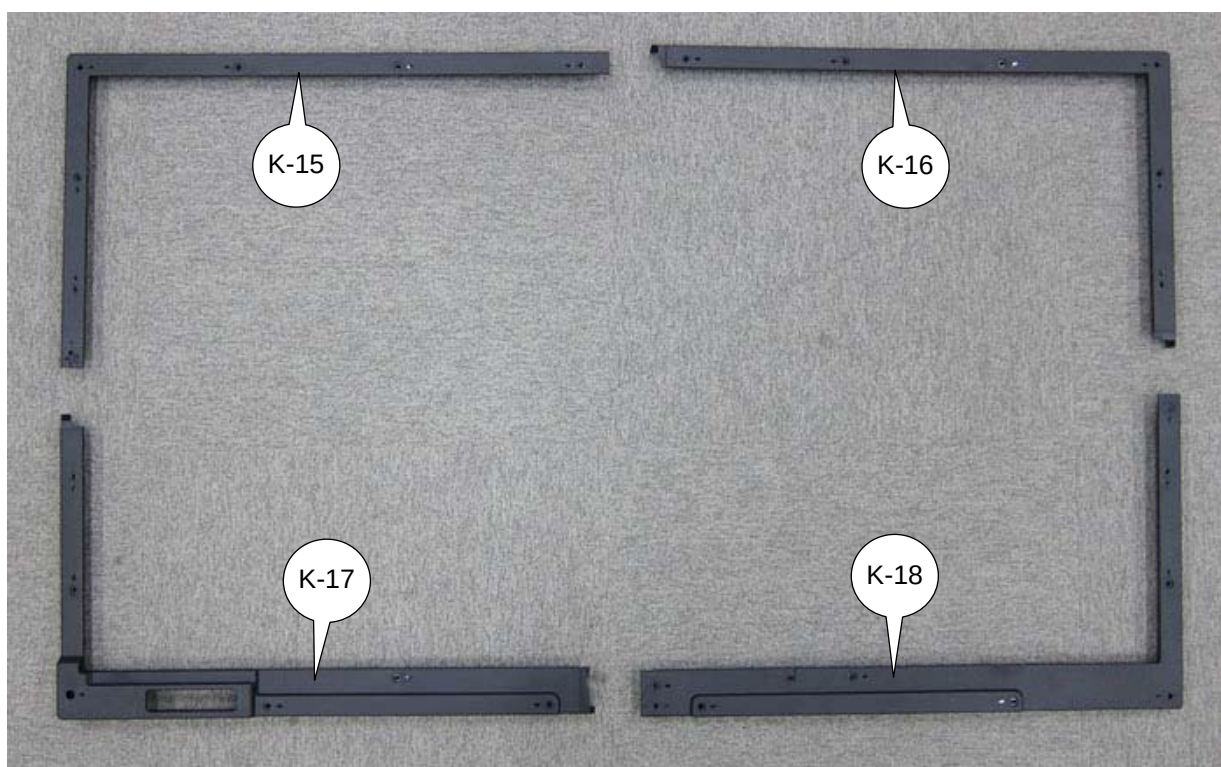
4. Remove the Bezel, IR PWB and Control SW

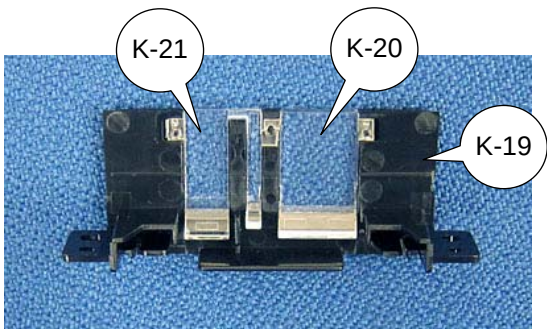
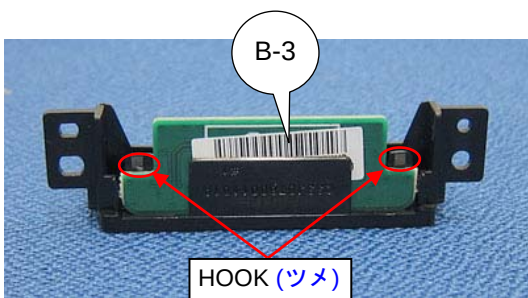
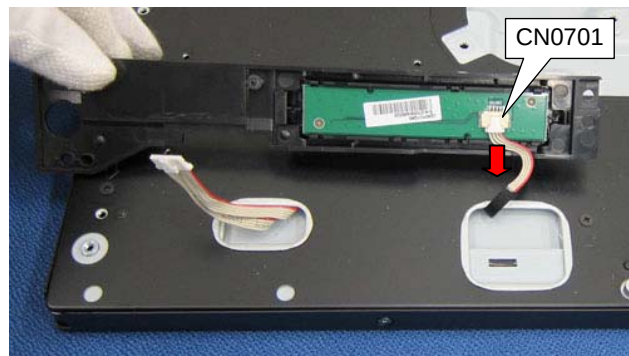
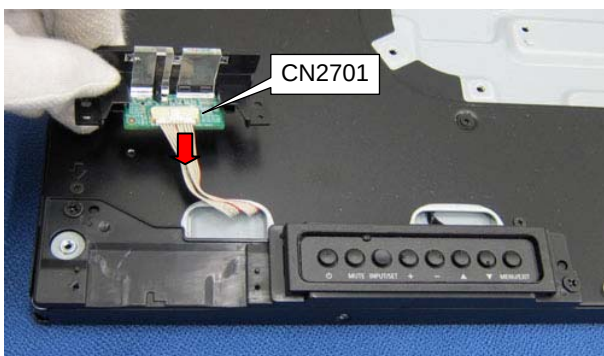
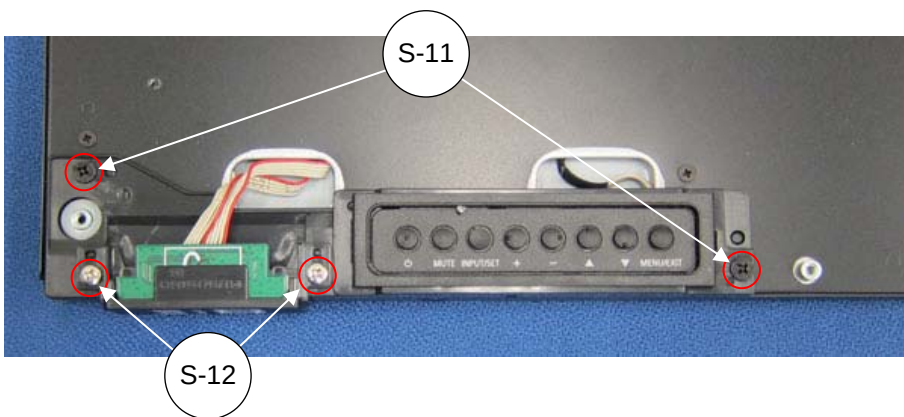
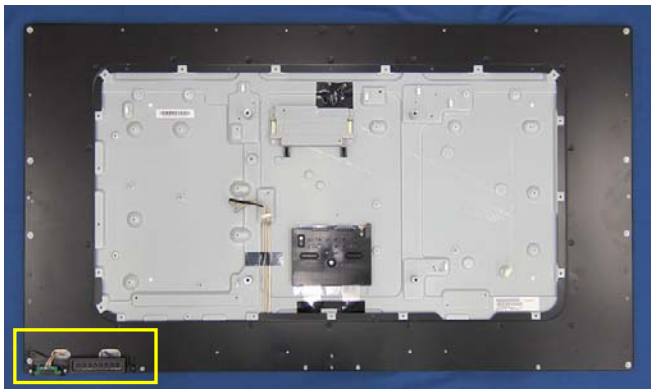
ベゼル、IR 基板、コントロール SW の取り外し

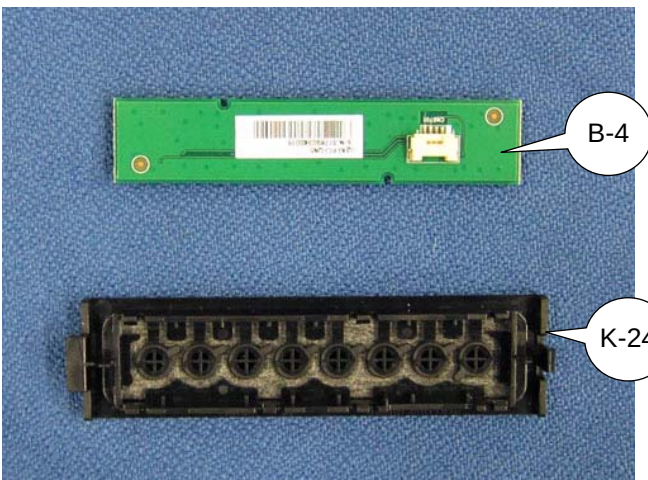
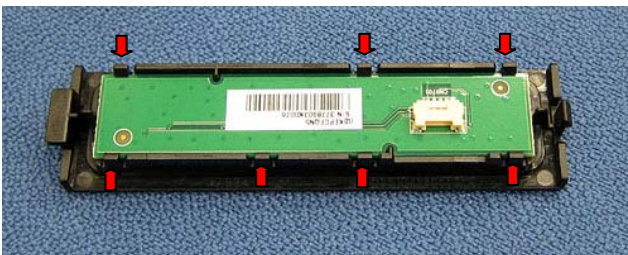




SYMBOL S-5: ○ 27 pcs.

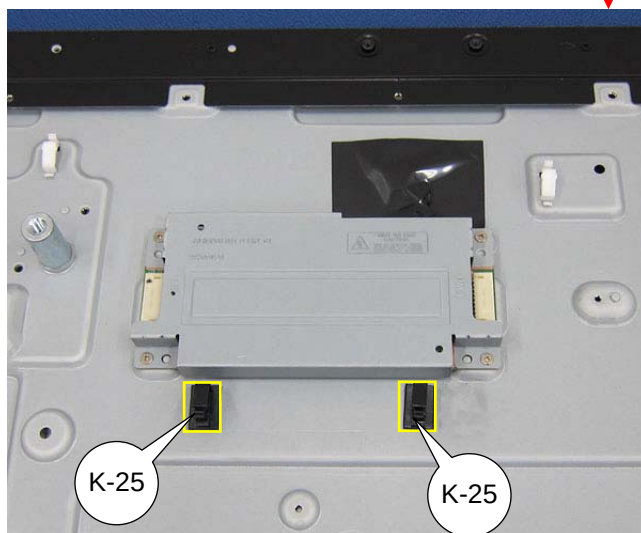
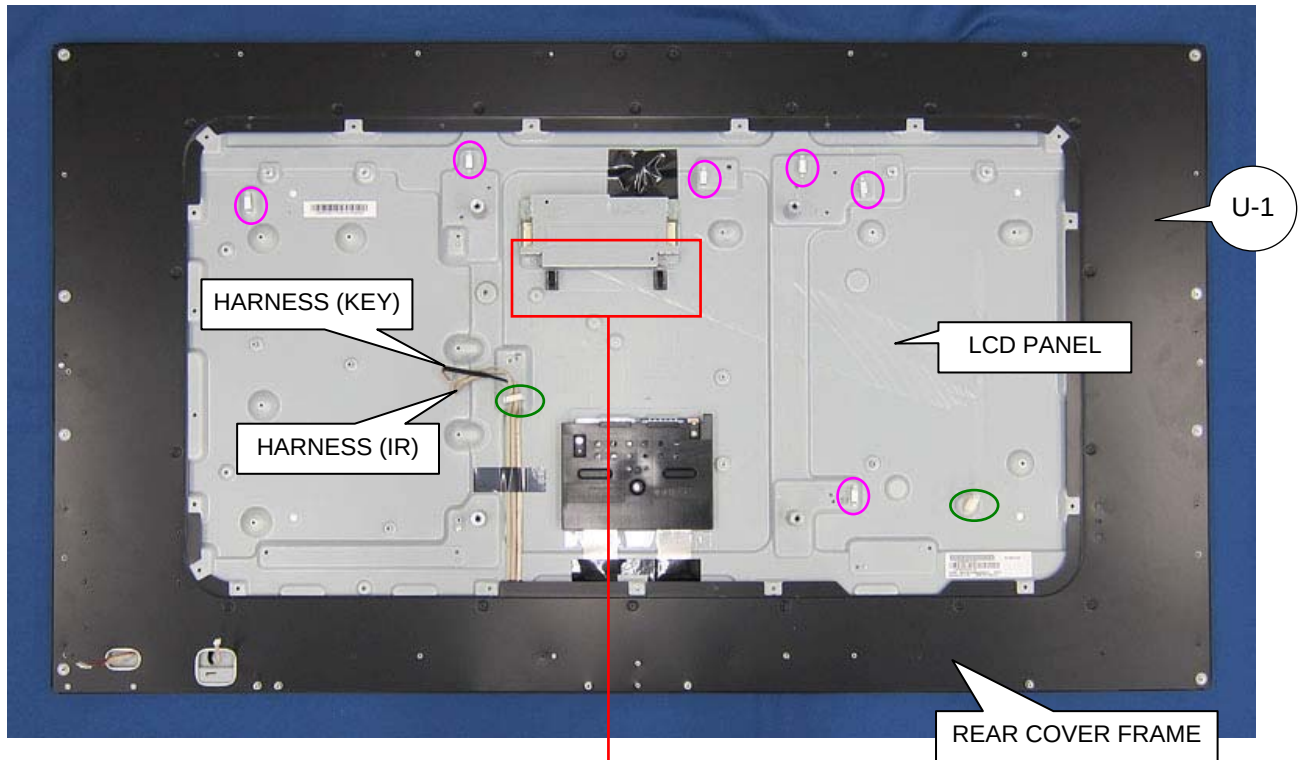






SYMBOL U-1 Include item (部品構成):

LCD PANEL, REAR COVER FRAME, HARNESS (KEY), HARNESS (IR)



K-25

SYMBOL K-25: Paste the CLAMPER along the line.

SYMBOL K-25: クランパはライン(刻印)に沿って貼り付ける。



When the LCD PANEL is exchanged, the CLAMPER is removed and it recycles.
LCD パネルを交換する際は、クランパを外し再利用すること。

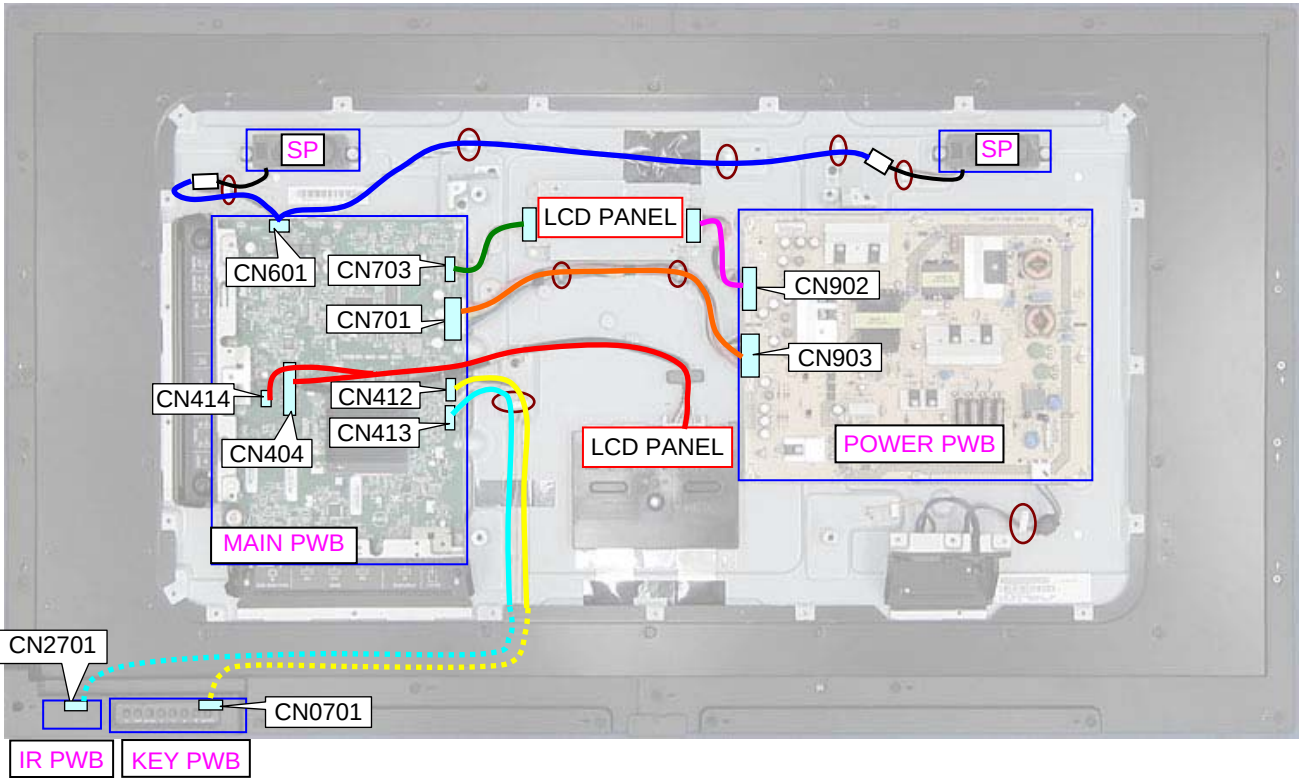


Wiring diagram

配線図

C-1		CN404, CN414 ↔ LCD PANEL			
C-2		CN701 ↔ CN903			
C-3		CN703 ↔ LCD PANEL			
C-4		CN902 ↔ LCD PANEL			
C-5		CN601 ↔ SPAEKER R/L			
---		CN412 ↔ CN0701 (KEY PWB)			
---		CN413 ↔ CN2701 (IR PWB)			

CLAMPER

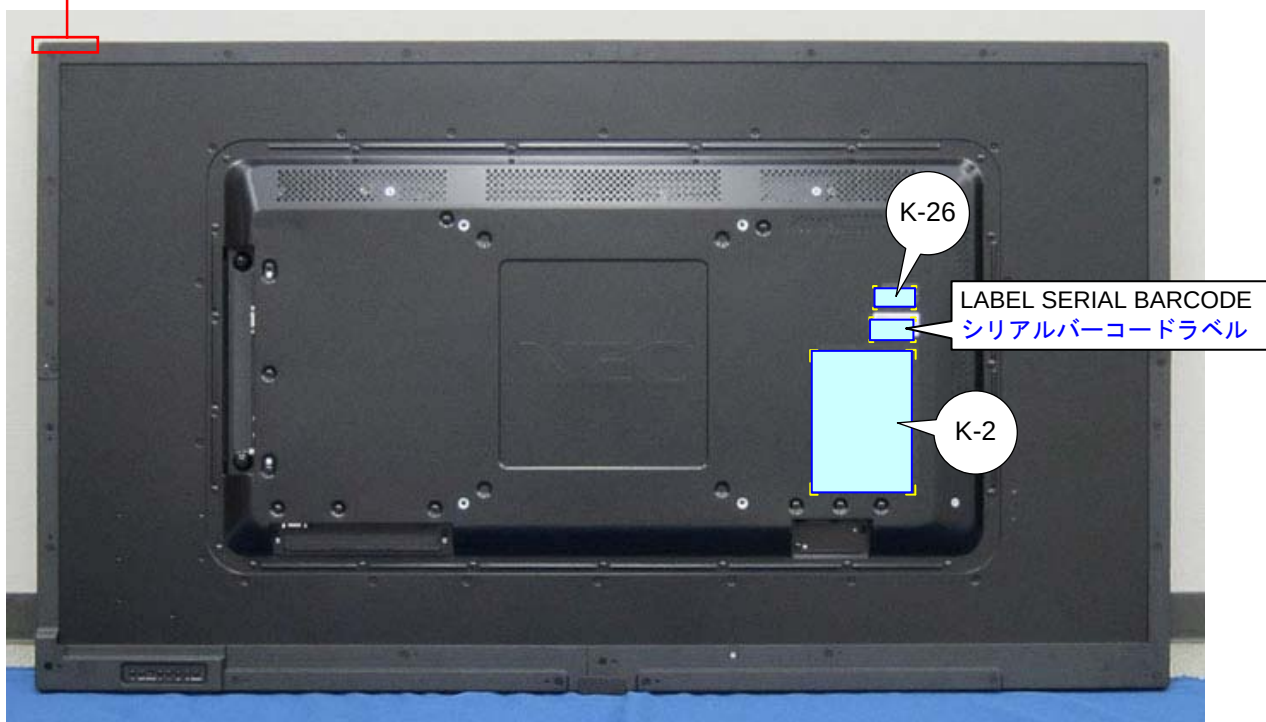
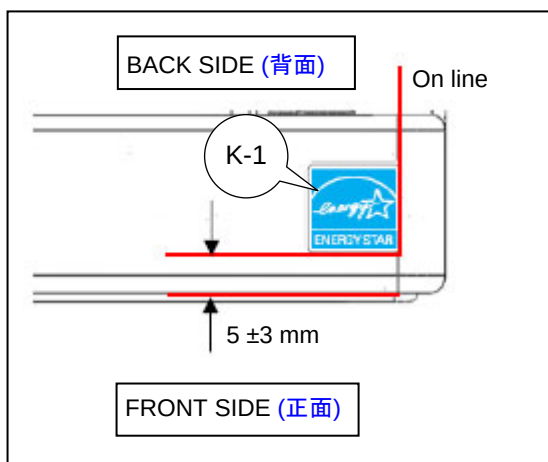


When the part is exchanged, the clamper is removed and it recycles.

部品交換する際は、クランプを外し再利用すること。

C501

1. Remove the Back Cover バックカバーの取り外し



SYMBOL K-2:

A / B / J ver.



C ver.



T / W ver.

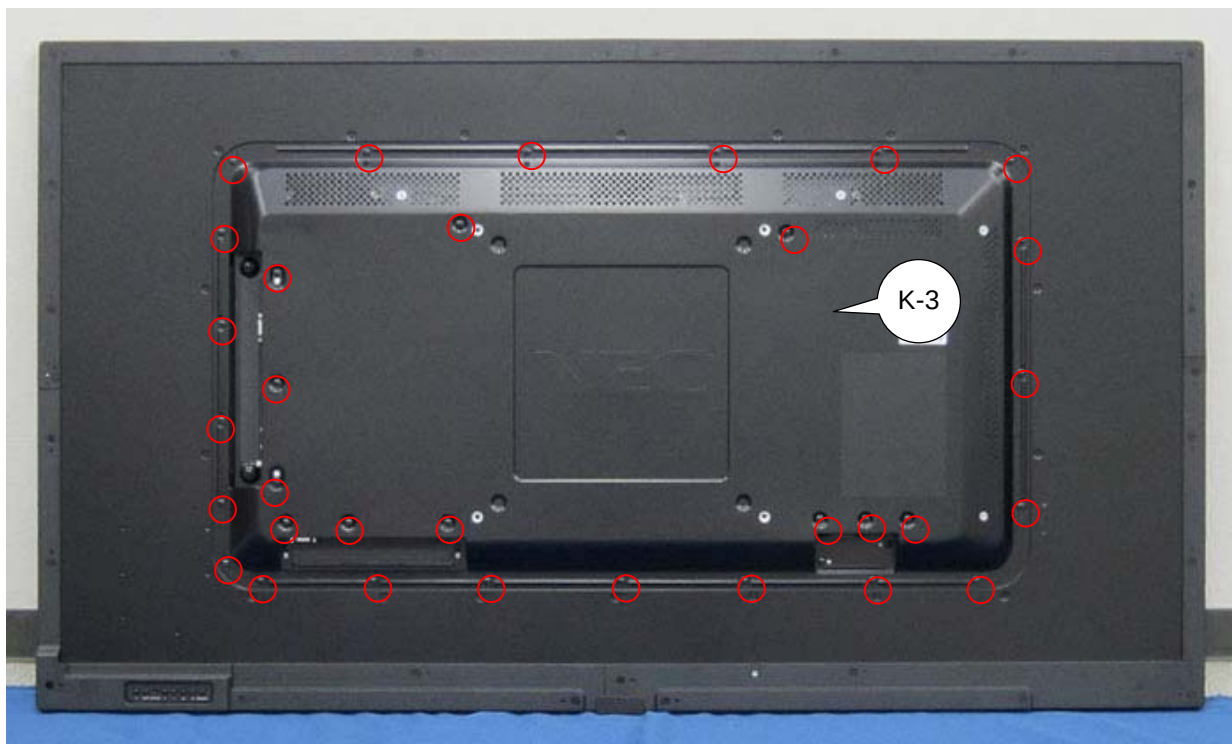


SYMBOL K-26: Only for A / B / W ver. (A / B / W ver.のみ適用)

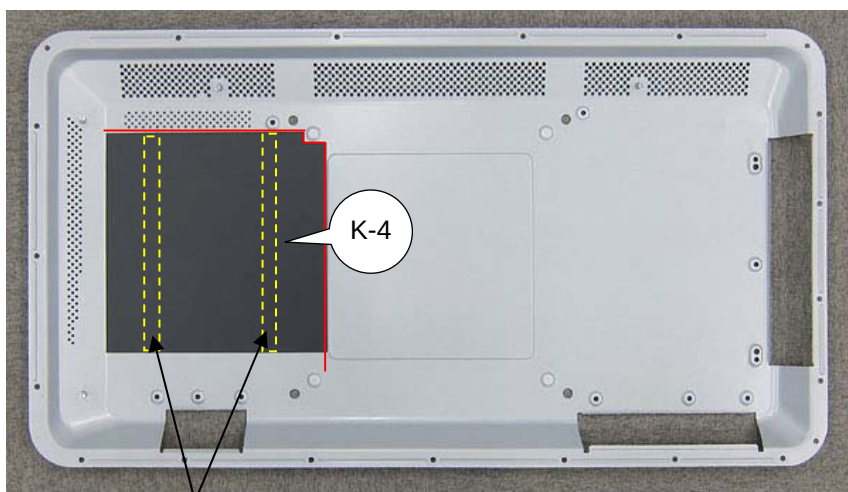
Contact address for EMEA
NEC Display Solutions Europe GmbH
Landshuter Allee 12-14
80637 Munich, Germany

Affix the rating label on the position in the above photo.

貼り付け位置は刻印（四角枠）の範囲内に貼り付けること。



SYMBOL S-1: ○ 32 pcs.



Paste double-faced tape to fit the line.
両面テープで真っ直ぐに貼り付ける。

Back side (裏側)

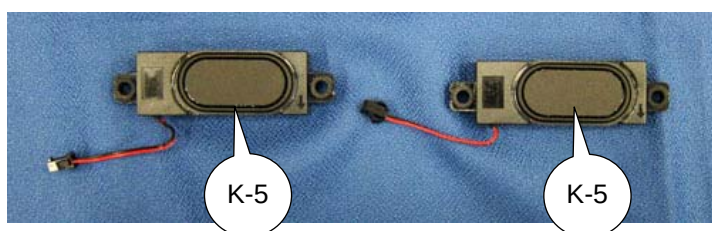
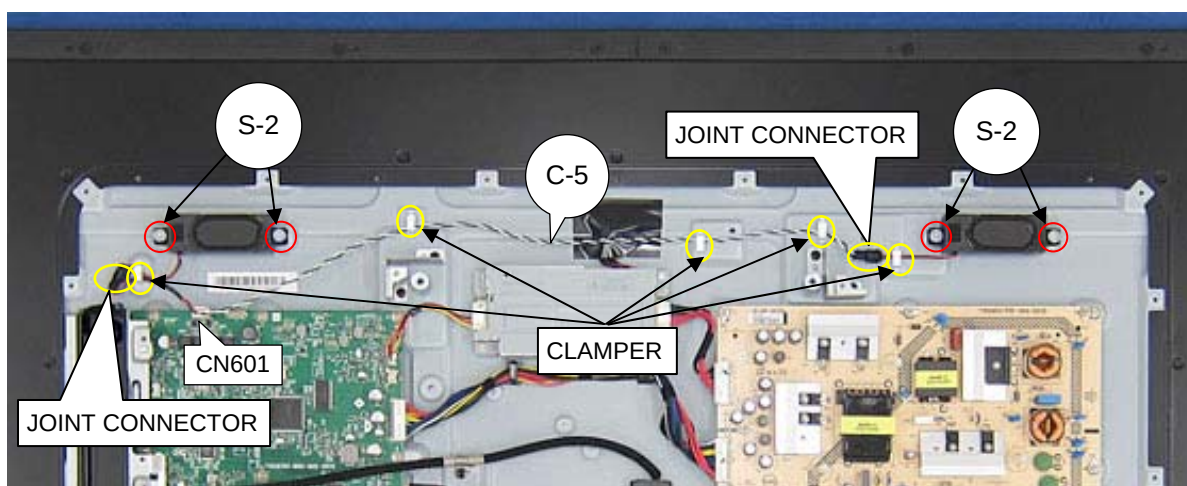
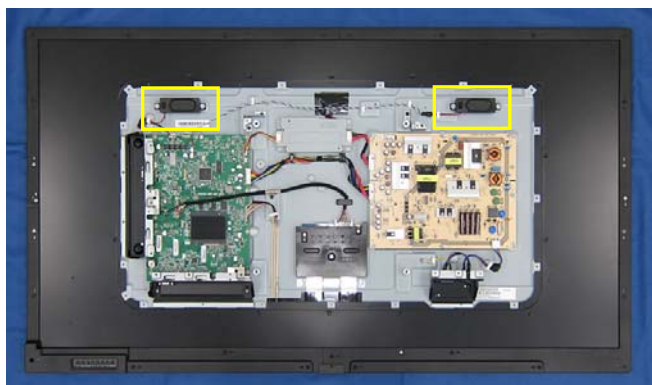
Note

Paste the double-faced tape when sticking has weakened when the "INSULATING SHEET" is recycled.

絶縁シートを再利用する際、粘着が弱くなっている場合は両面テープを貼ること。

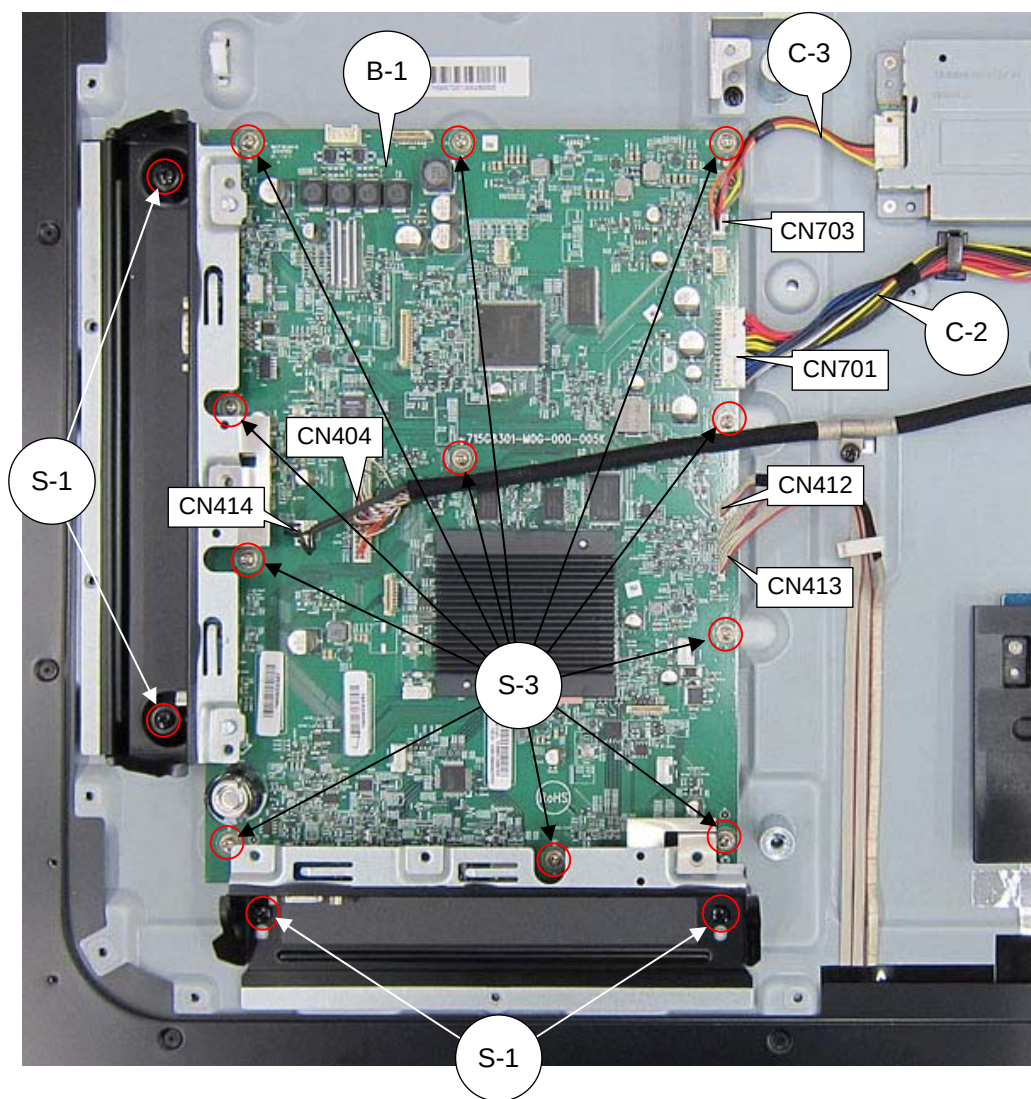
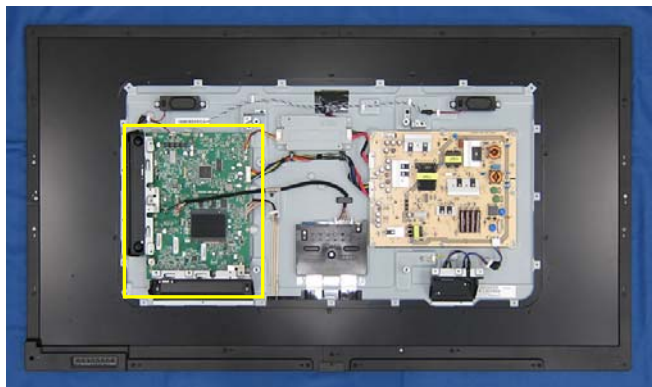
2. Remove the Speaker

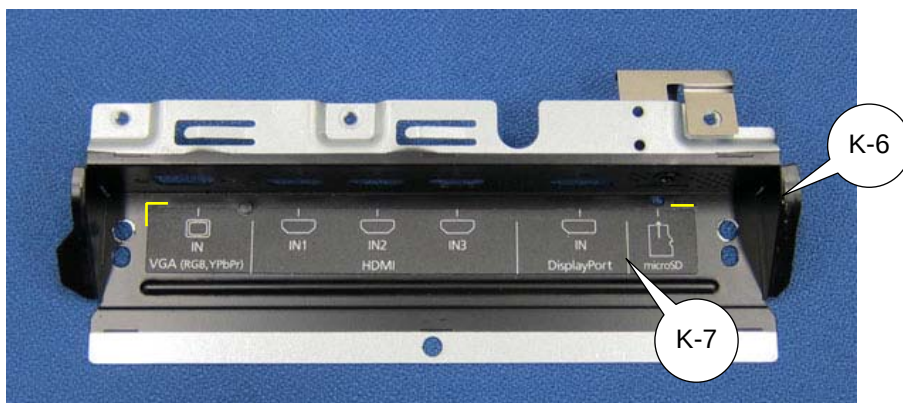
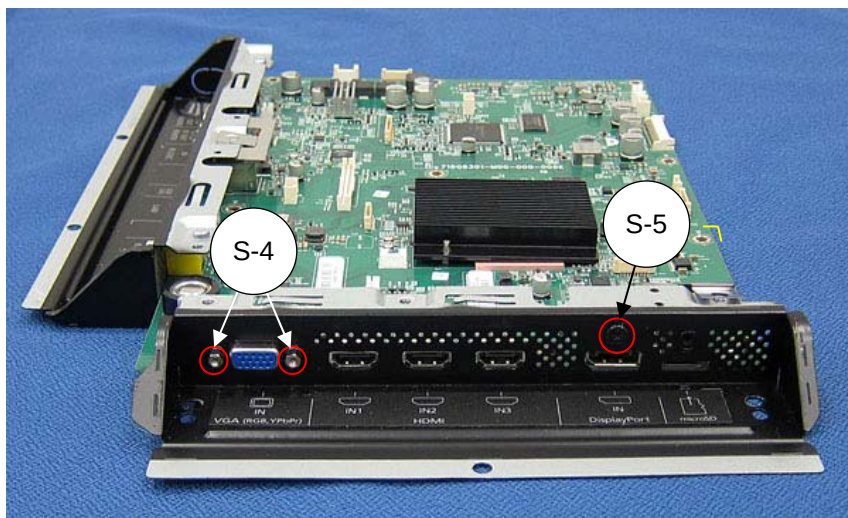
スピーカーの取り外し



3. Remove the PWB 基板の取り外し

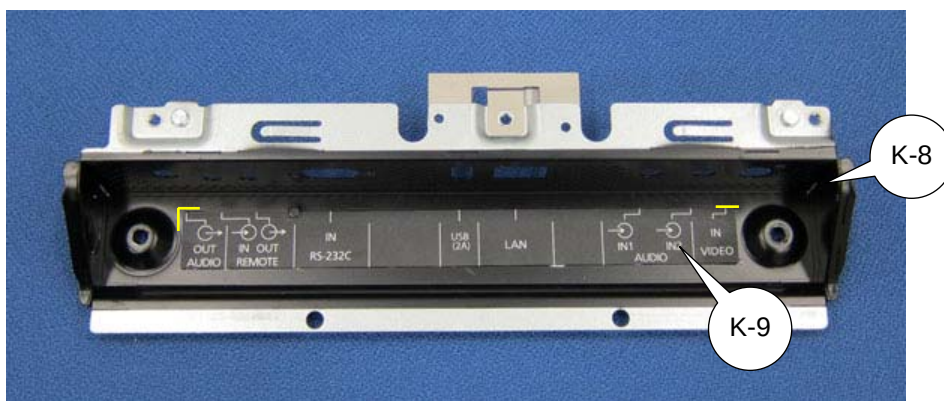
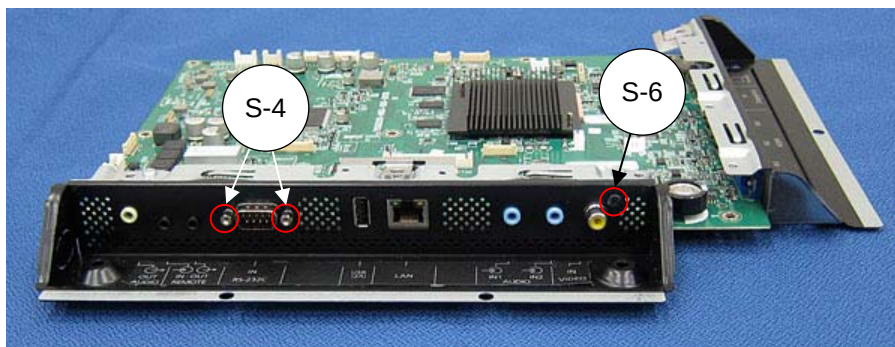
- Remove the PWB (MAIN PWB)
基板の取り外し(MAIN 基板)





SYMBOL K-7: Affix the rating label on the position in the above photo.

SYMBOL K-7: 貼り付け位置は刻印の範囲内に貼り付けること。

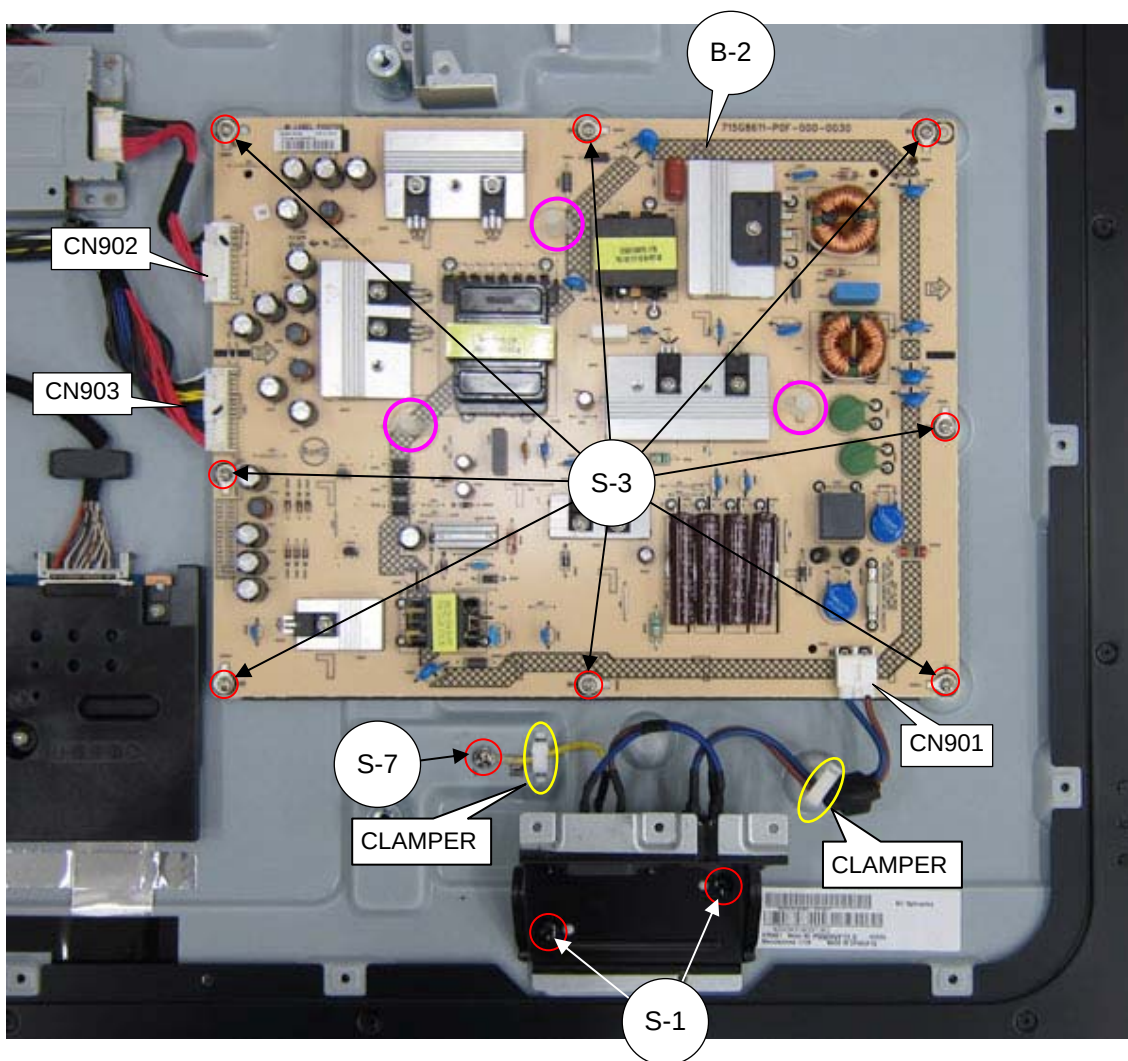
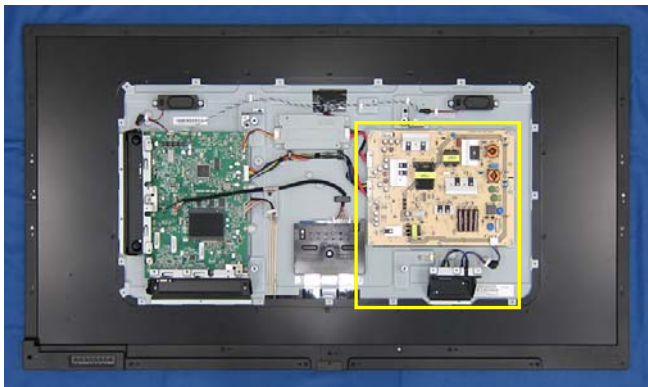


SYMBOL K-9: Affix the rating label on the position in the above photo.

SYMBOL K-9: 貼り付け位置は刻印の範囲内に貼り付けること。

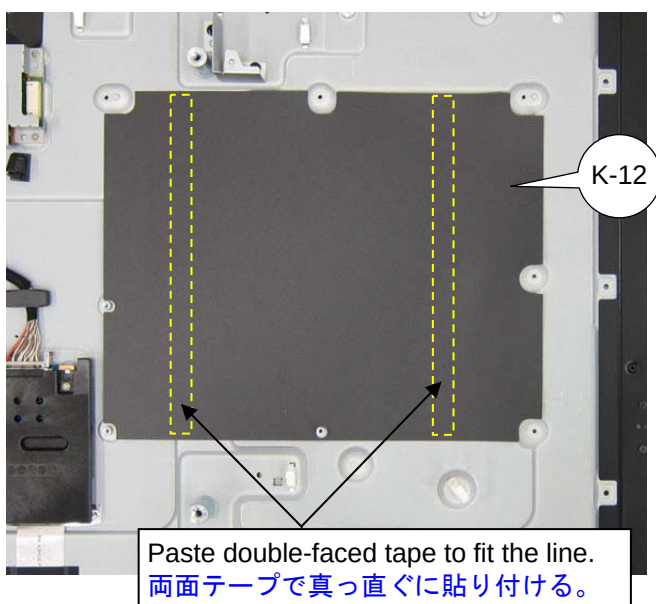
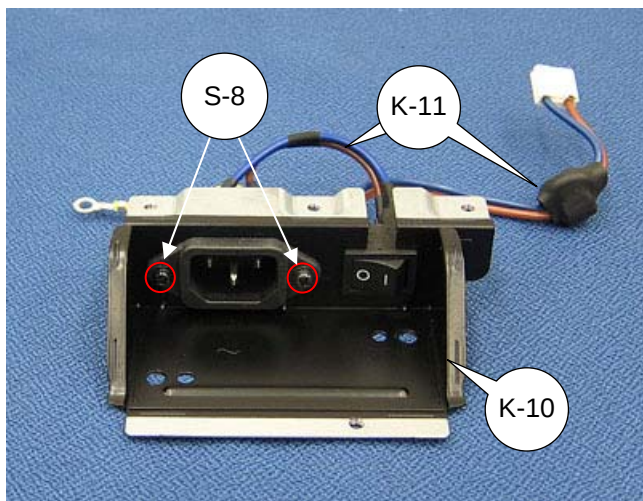
- Remove the PWB (POWER PWB)

基板の取り外し(電源基板)



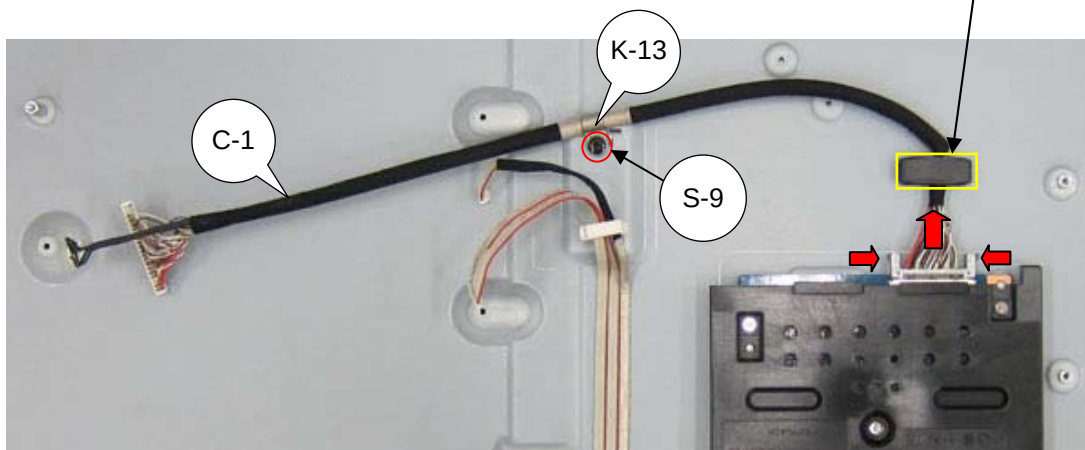
When the POWER PWB is exchanged, the PCB-SUPPORT is removed and it recycles.

電源基板を交換する際は、PCB-SUPPORTを外し再利用すること。



Affix the rating label on the position in the above photo.

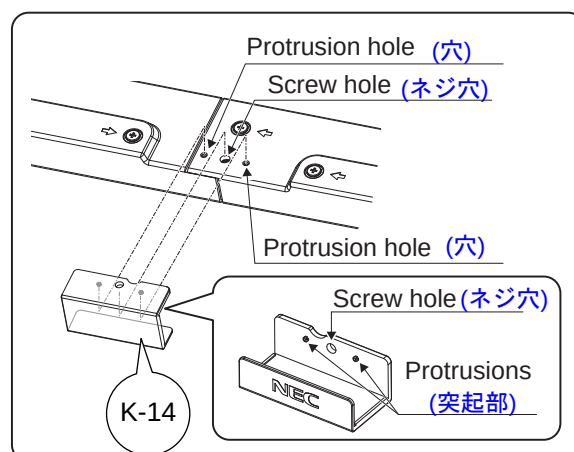
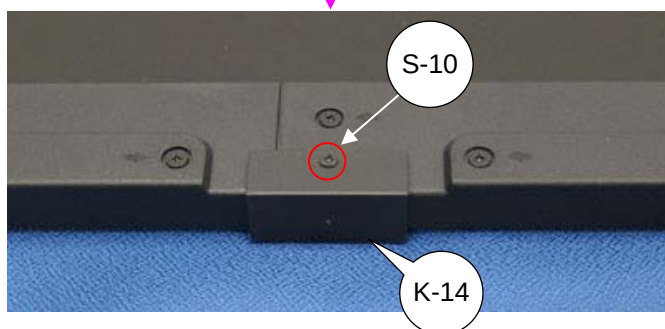
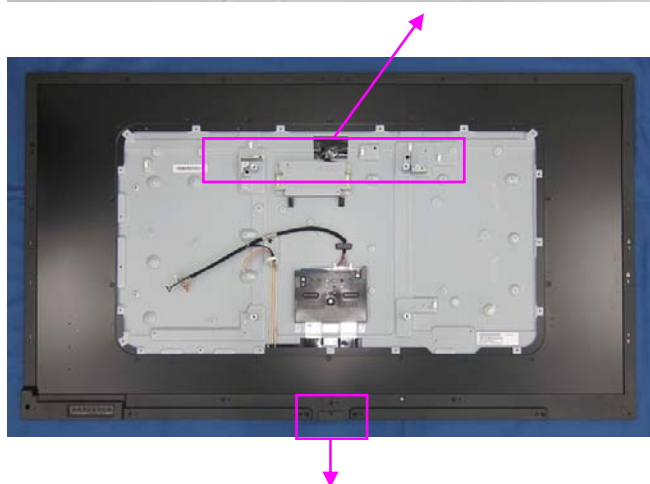
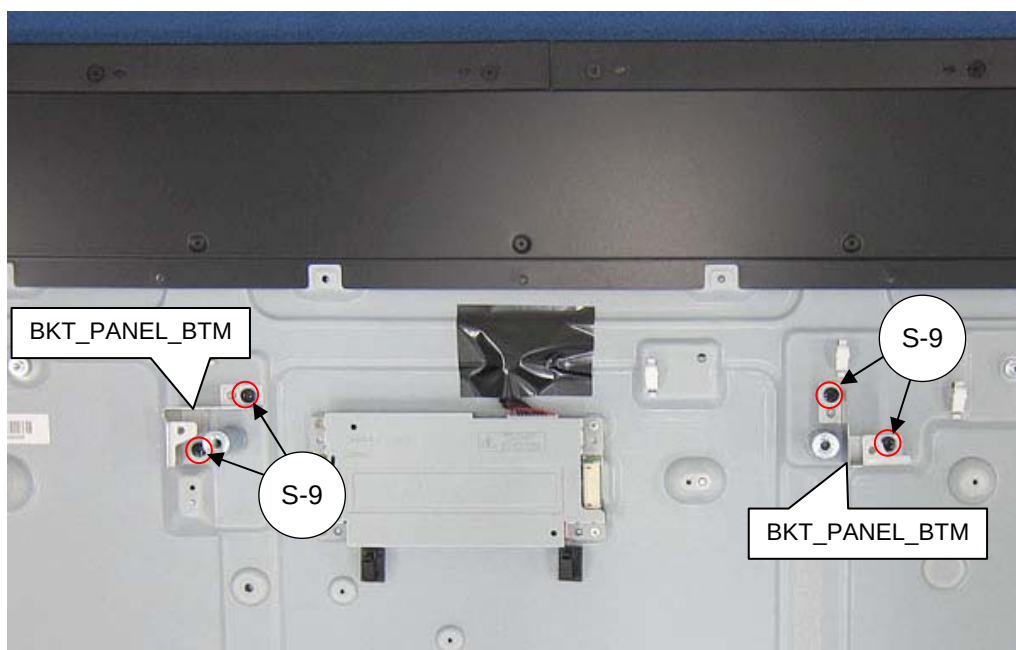
貼り付け位置は刻印の範囲内に貼り付けること。

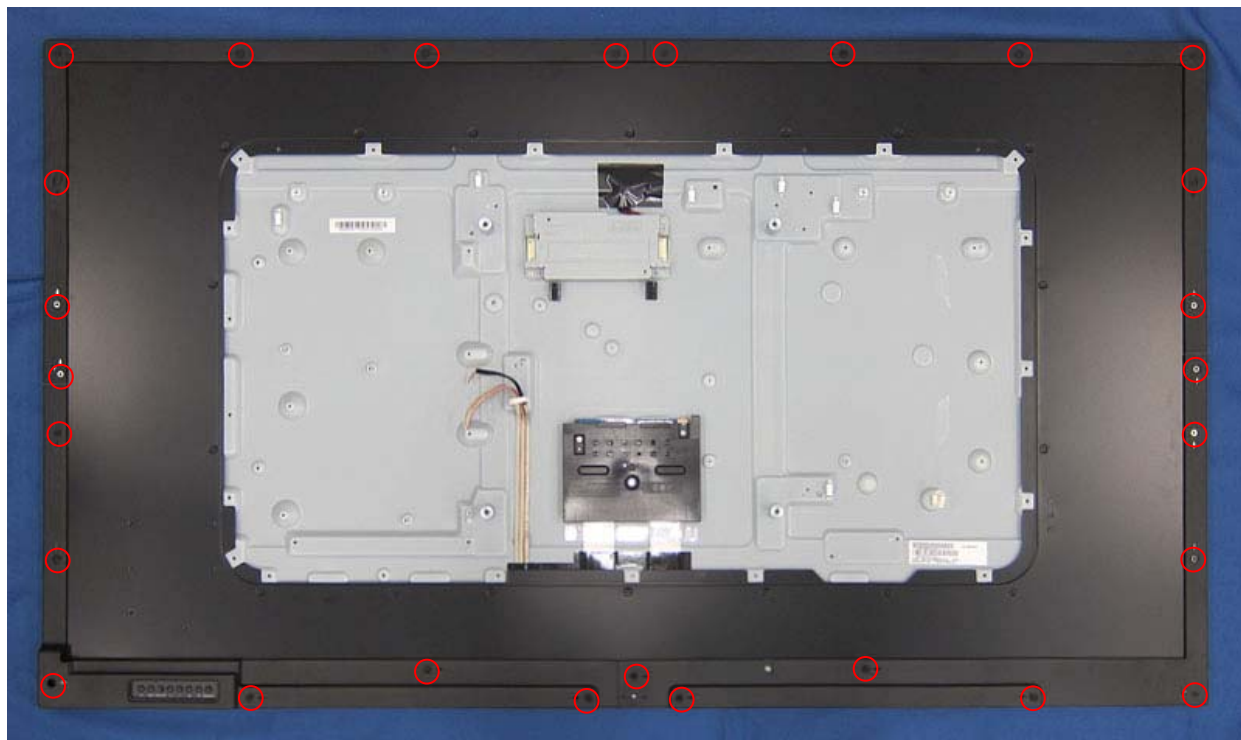


4. Remove the Bezel, IR PWB and Control SW

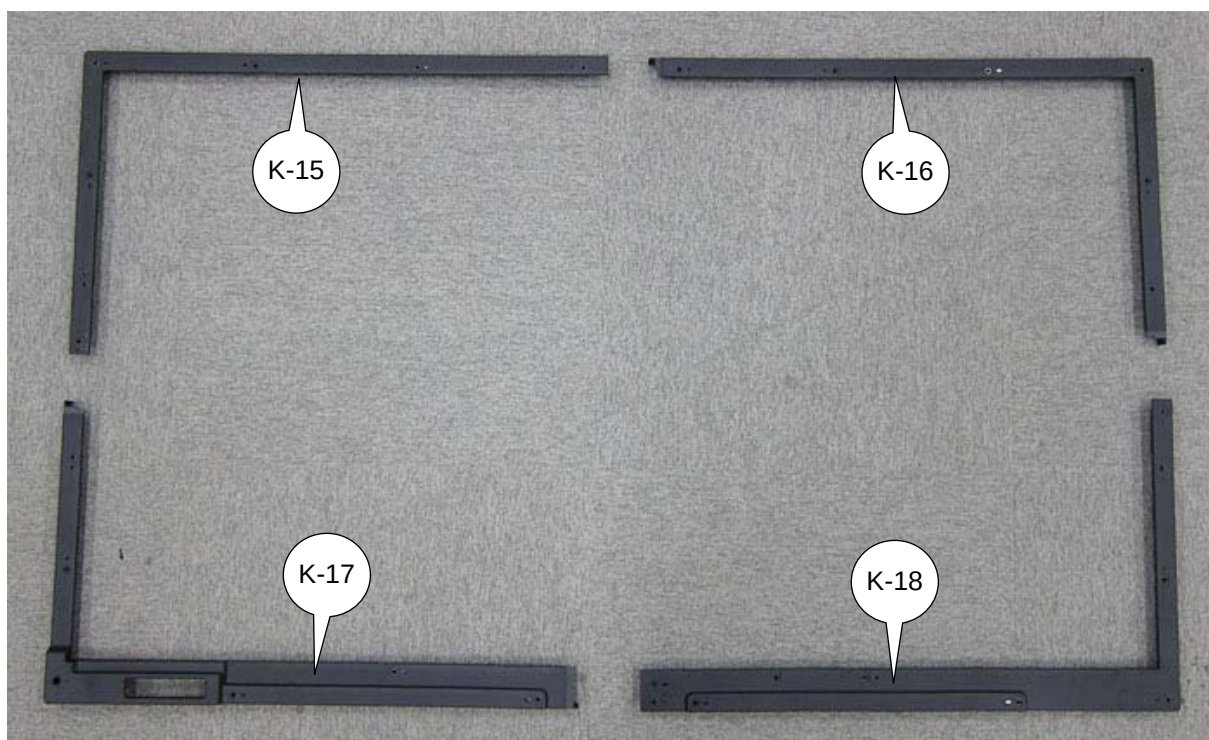
ベゼル、IR 基板、コントロール SW の取り外し

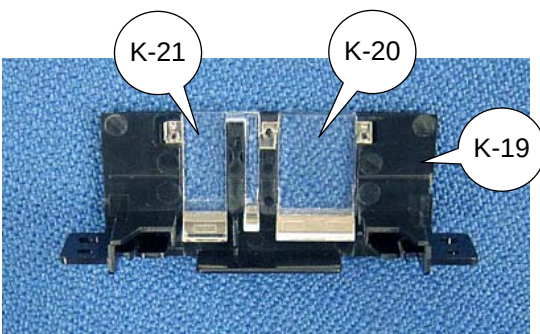
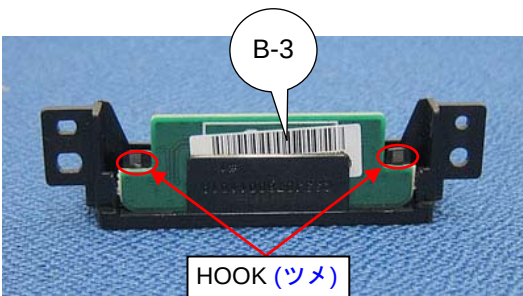
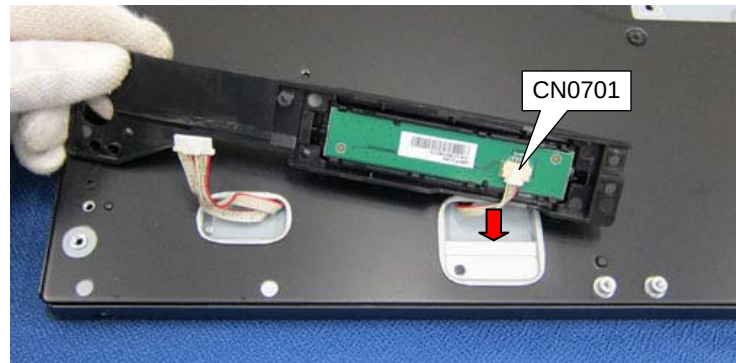
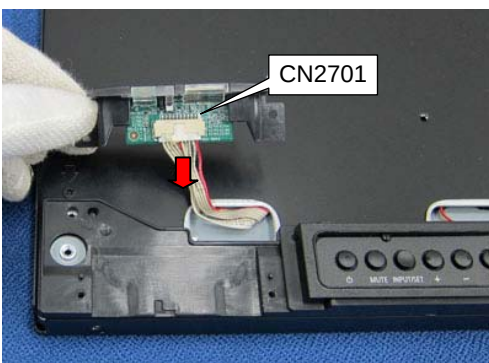
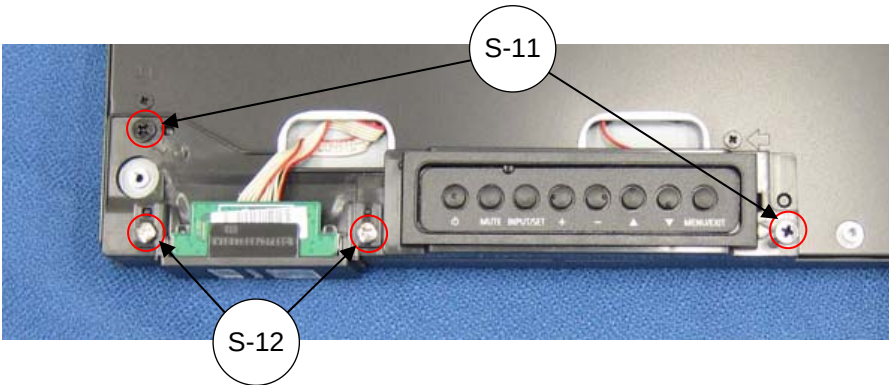
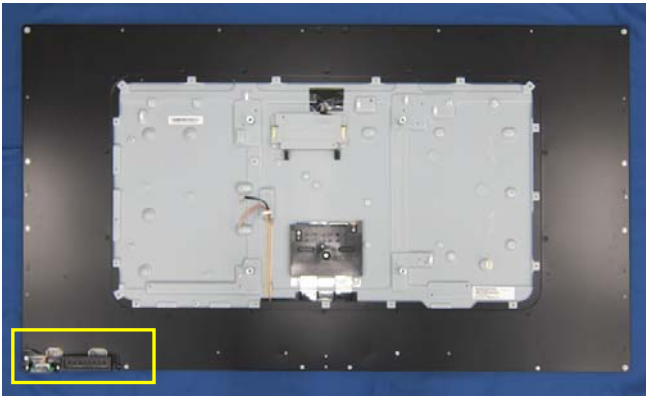
C551

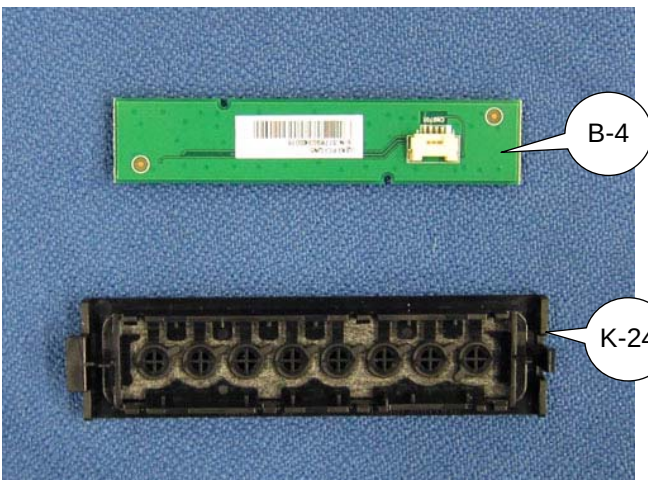
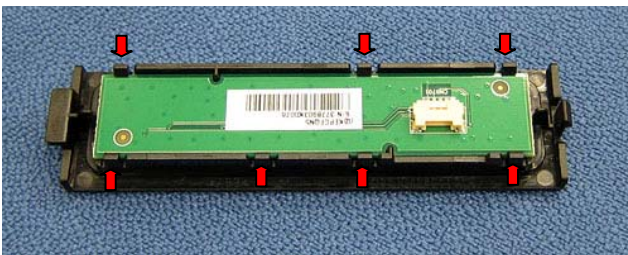




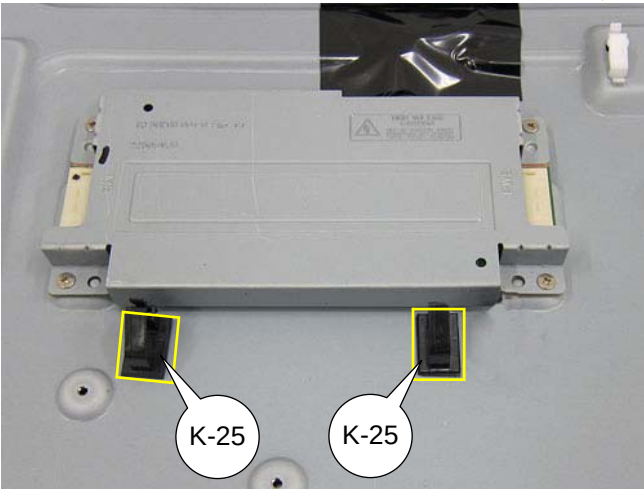
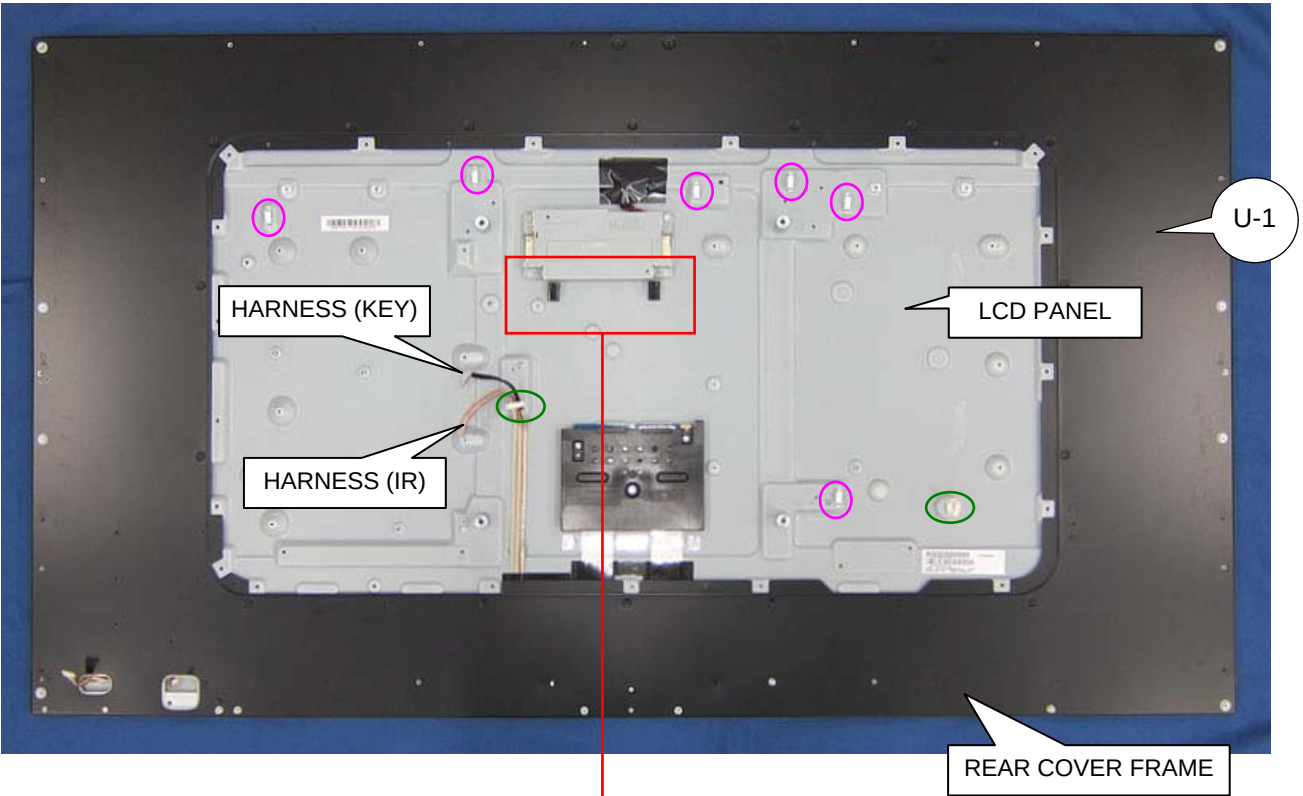
SYMBOL S-5: ○ 27 pcs.







SYMBOL U-1 Include item (部品構成):
LCD PANEL, REAR COVER FRAME, HARNESS (KEY), HARNESS (IR)



K-25

SYMBOL K-25: Paste the CLAMPER along the line.
SYMBOL K-25: クランパはライン(刻印)に沿って貼り付ける。

○

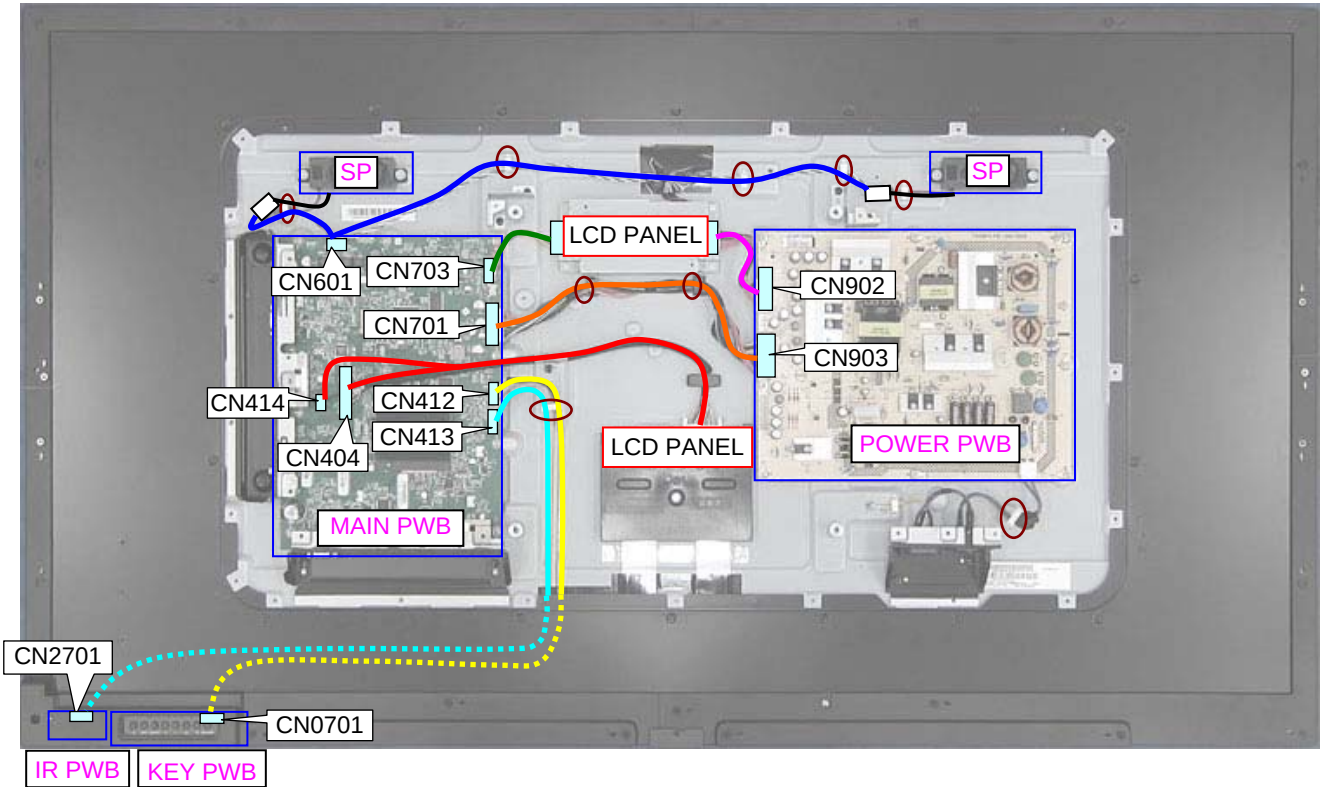
When the LCD PANEL is exchanged, the CLAMPER is removed and it recycles.
LCD パネルを交換する際は、クランパを外し再利用すること。

○

Wiring diagram 配線図

C-1	—	CN404, CN414 ↔ LCD PANEL			
C-2	—	CN701 ↔ CN903			
C-3	—	CN703 ↔ LCD PANEL			
C-4	—	CN902 ↔ LCD PANEL			
C-5	—	CN601 ↔ SPAEKER R/L			
---	—	CN412 ↔ CN0701 (KEY PWB)			
---	—	CN413 ↔ CN2701 (IR PWB)			

 CLAMPER



When the part is exchanged, the clamper is removed and it recycles.
部品交換する際は、クランパを外し再利用すること。

C551

6. Parts List

The spare parts listed in the column "Spare Parts" below are kept available in accordance to legal requirements of EU Regulation 2019/2021 for professional repairer.

Spare Part	Part Name/ Element of Part
a. Internal power board	Power PWB
b. Connectors to connect external equipment	Main PWB
c. Batteries and Accumulators	not applicable
d. DVD/Blue-Ray module	not applicable
e. HD/SSD module	not applicable