

DESKTOP MONITOR

MODEL E172M

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. Disassembly

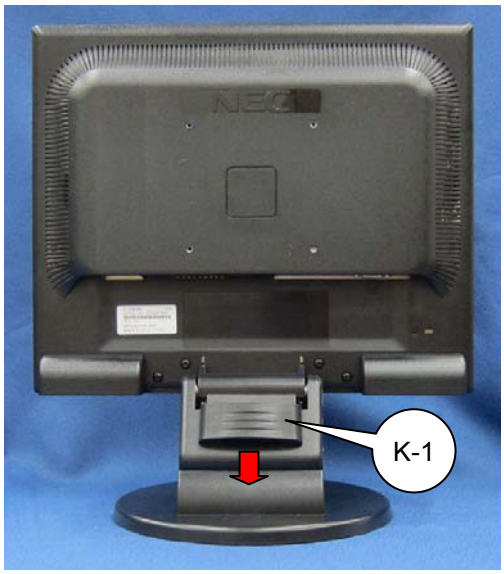
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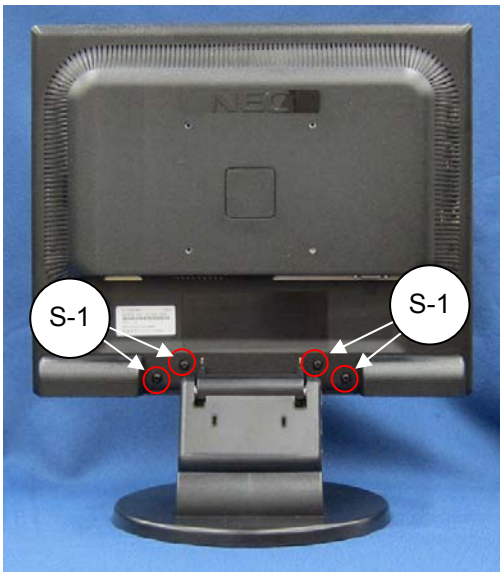
DISASSEMBLY

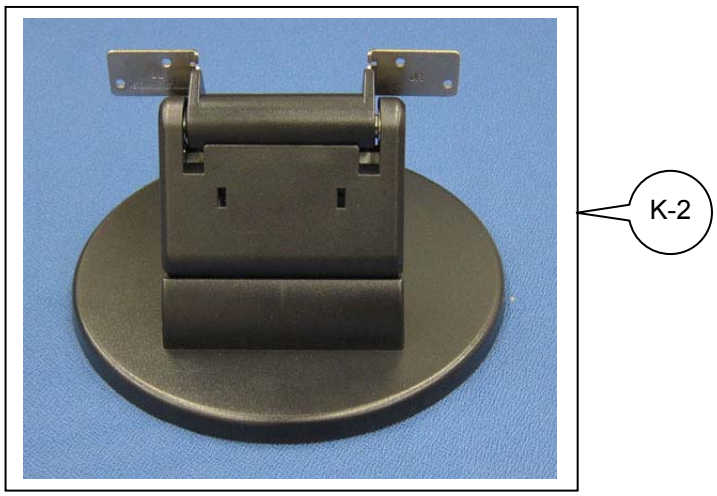
Caution for work

- Before you disassemble the set, turn off power and pull out the power plug.
- Use the proper screwdriver. If oversize or undersize screwdriver is used, screws may be damaged.
- Assembly is reversed process of disassembly.
- 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.

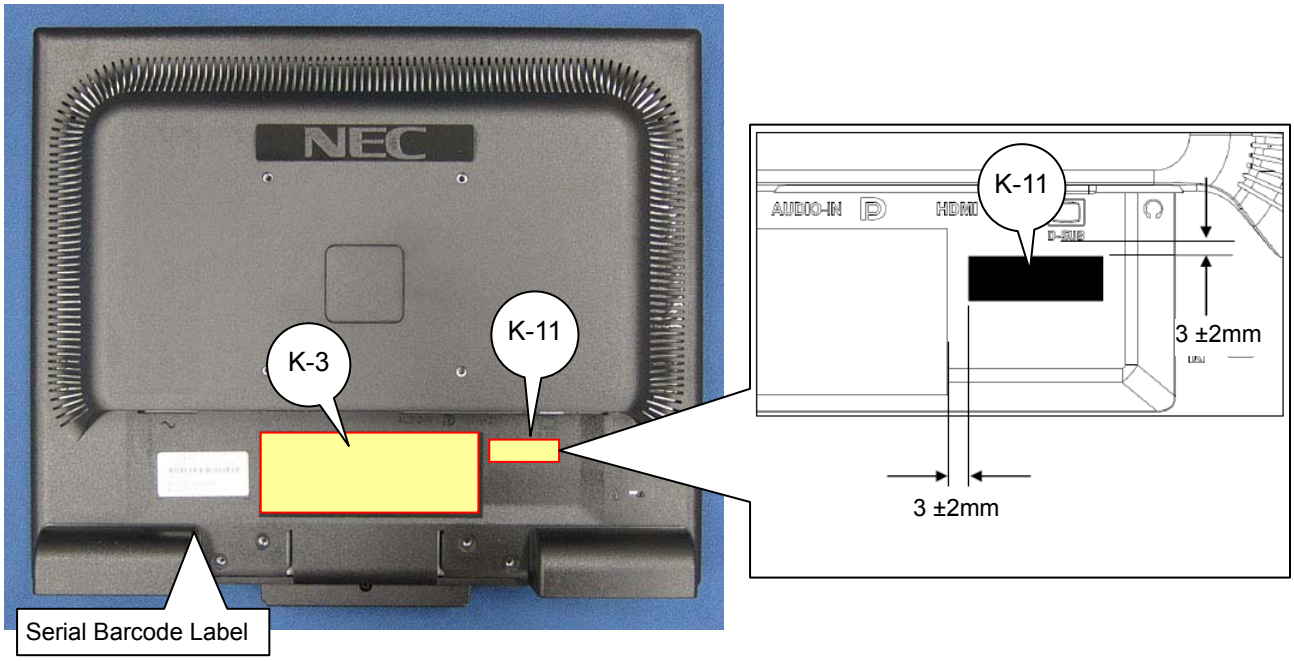
Remove the stand







Remove the rear cover and bezel



The paste position is a range of the label stamp of the rear cover.

SYMBOL K-3:

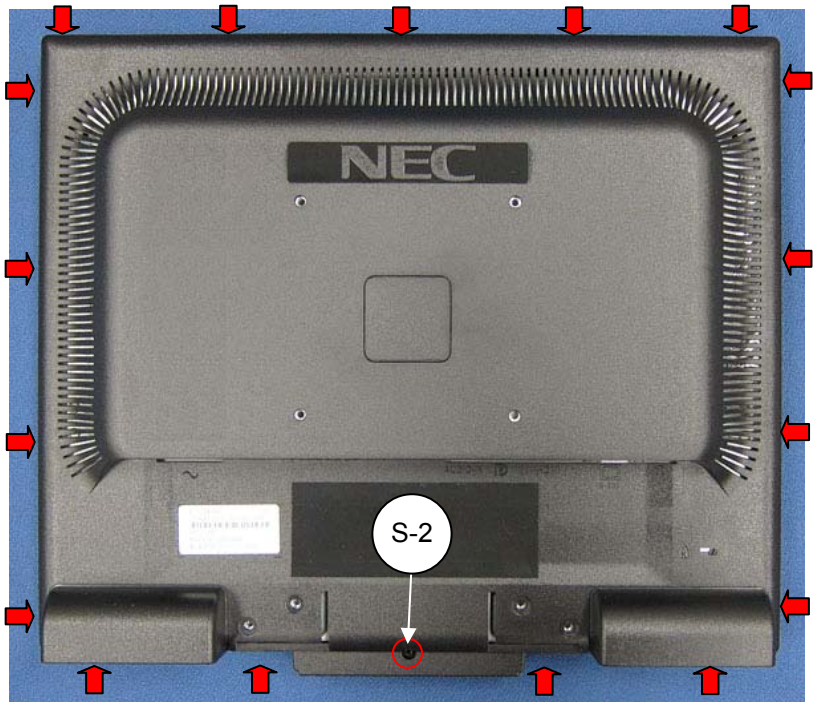
E172M-BK(A) / E172M-BK(B)



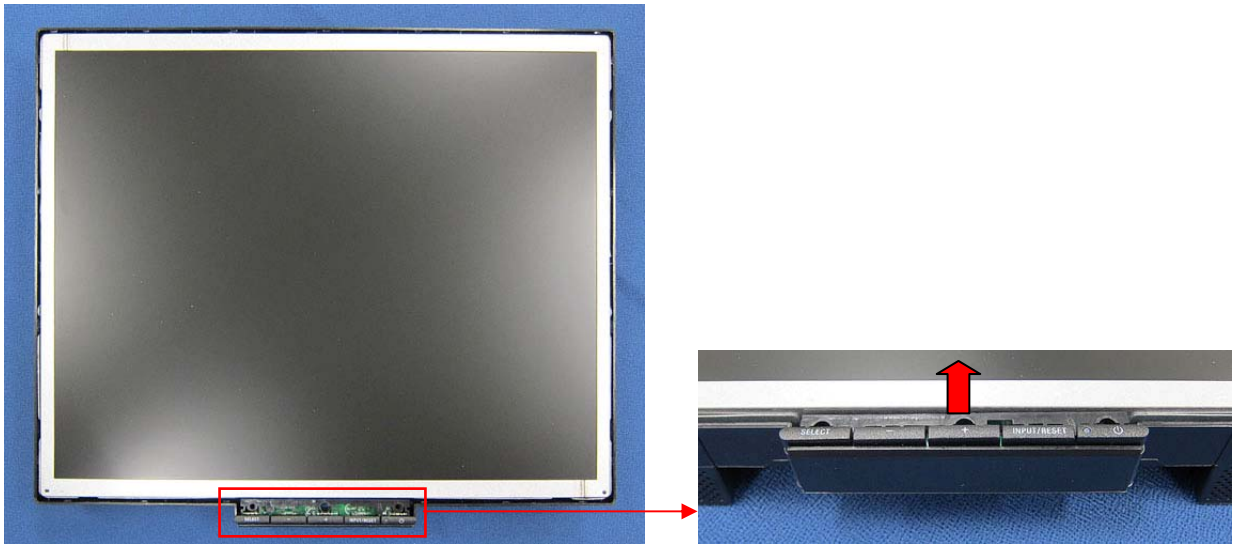
SYMBOL K-11:

E172M-BK(B) only



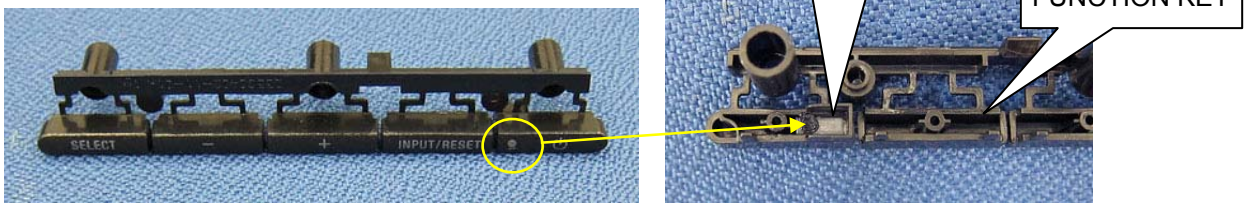

NEC
S-2


K-4

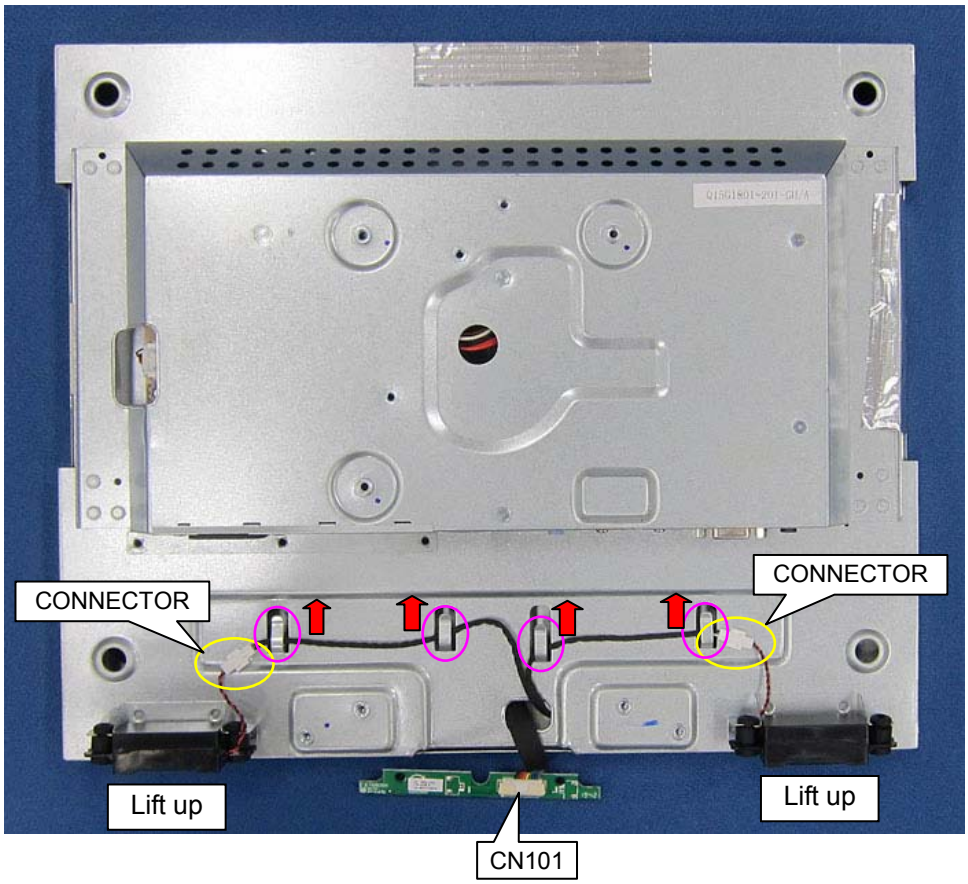


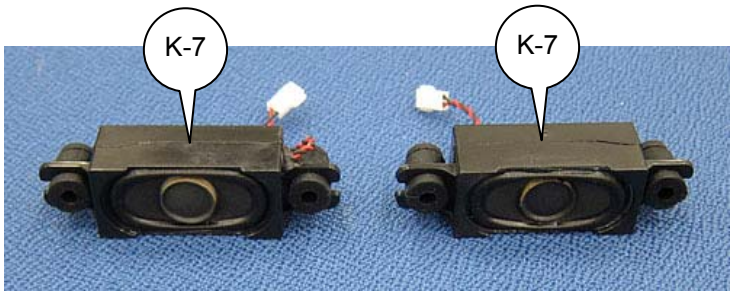
K-5

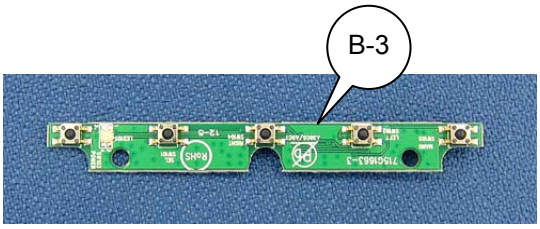
SYMBOL K-5 Included Item: FUNCTION KEY, LENS POWER



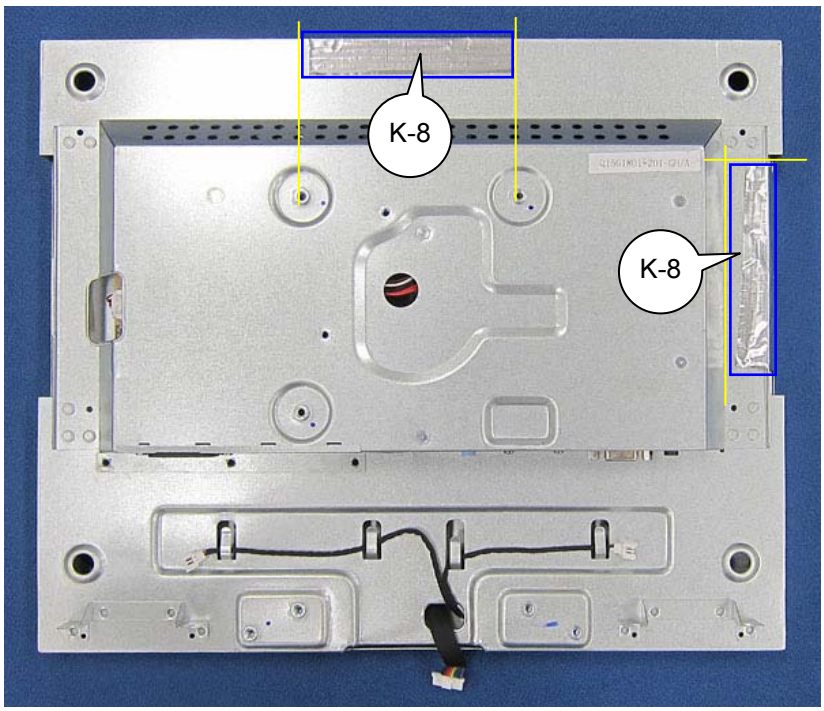



CONNECTOR
CONNECTOR
Lift up
Lift up
CN101

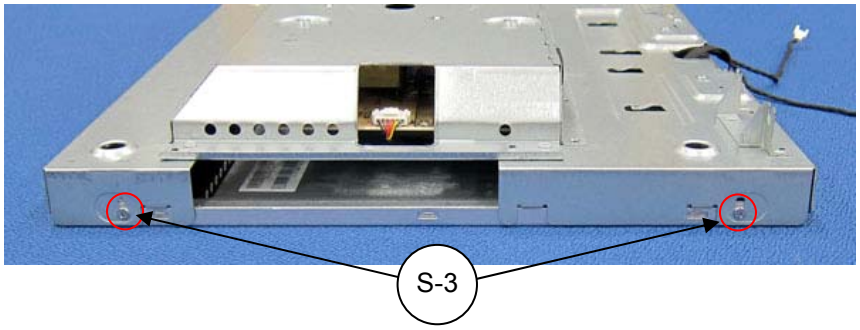

K-7
K-7

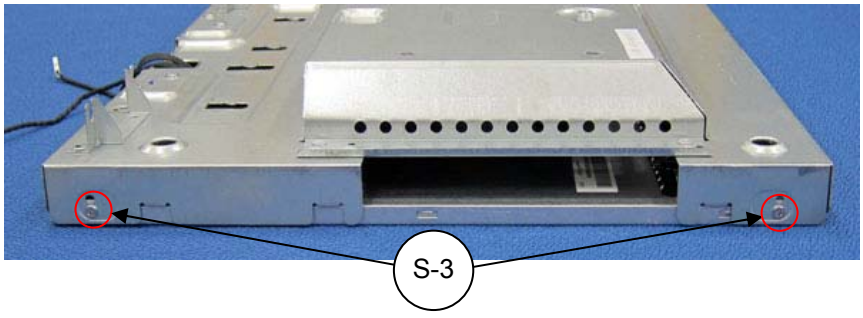

B-3

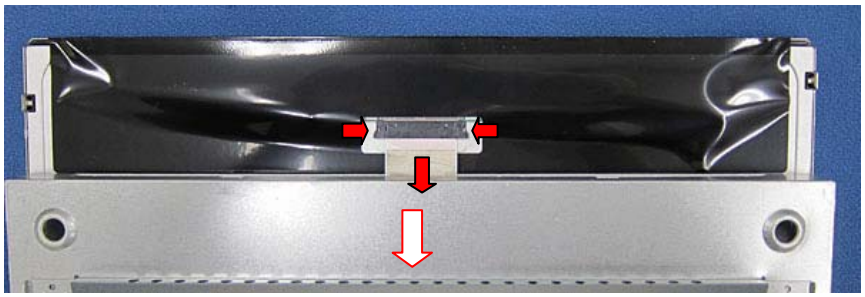
Remove the LCD panel

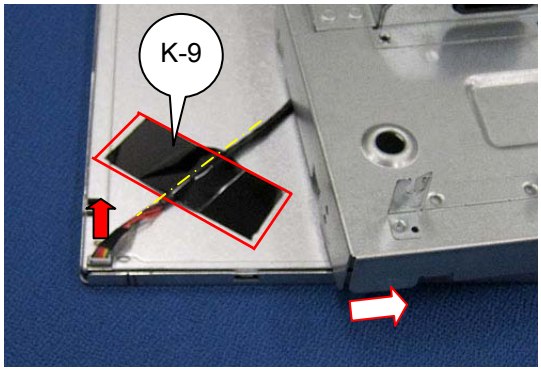


SYMBOL K-8: Fix the position in the above photo with AL TAPE (L = 80mm).







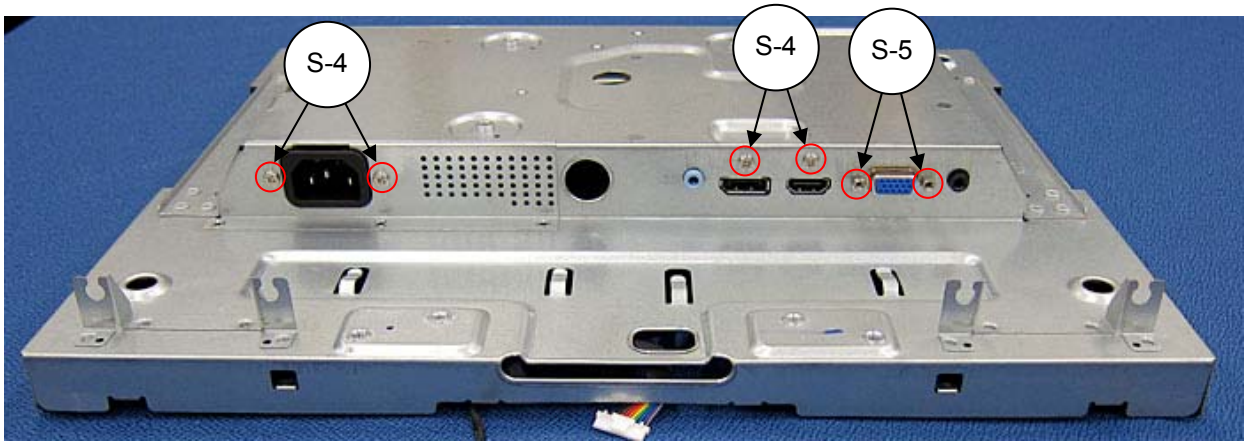


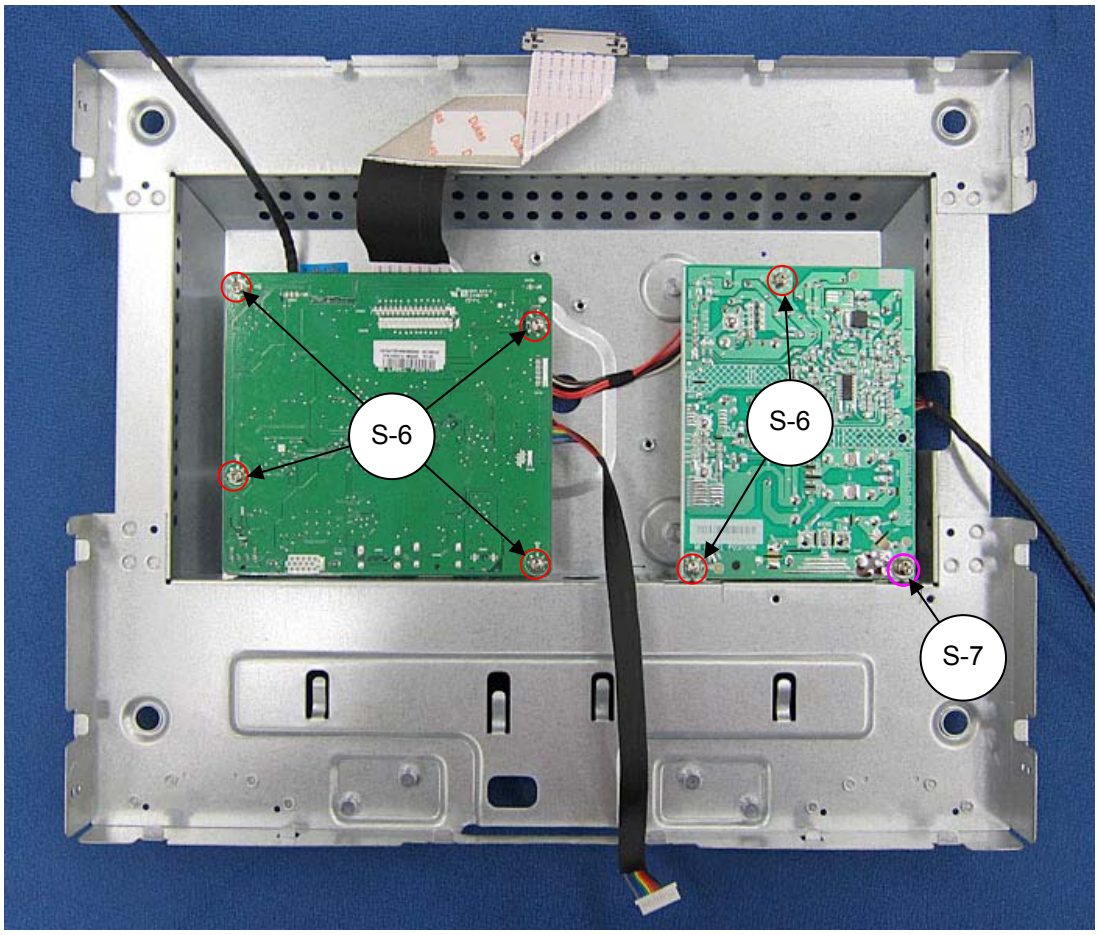
SYMBOL K-9: Fix the cable on the position in the above photo with BLACK TAPE. (L = 60mm)

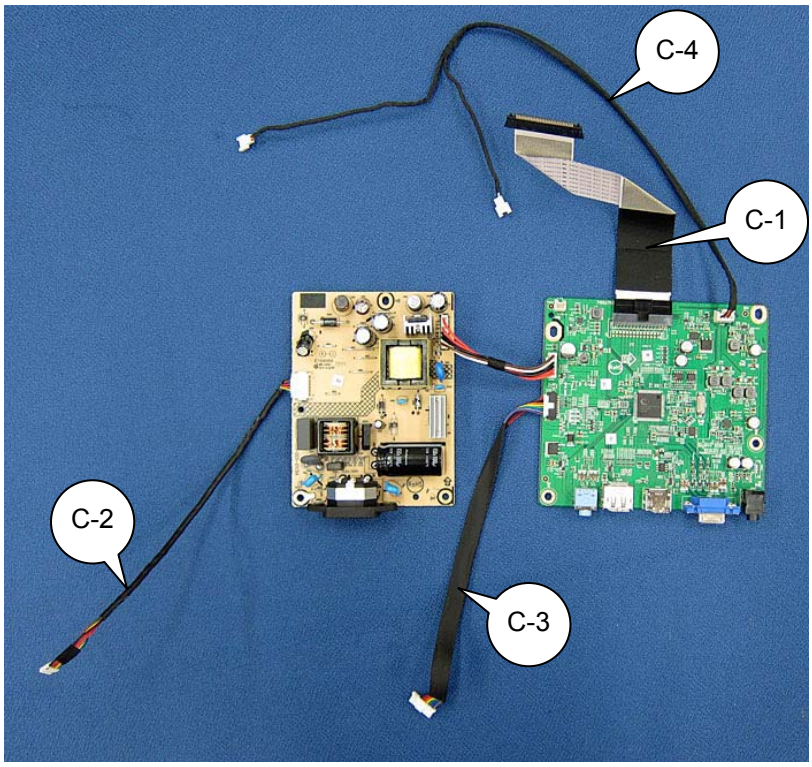


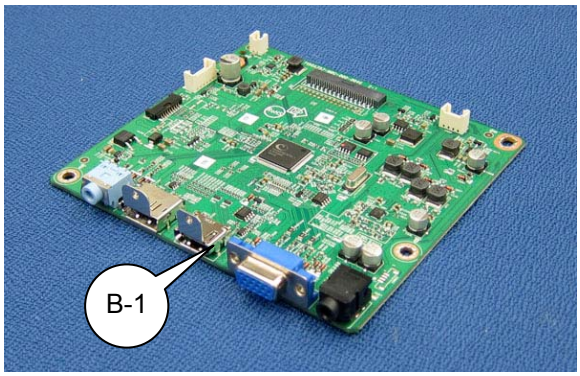
SYMBOL K-9: Fix on the position in the above photo with BLACK TAPE. (L = 60mm)

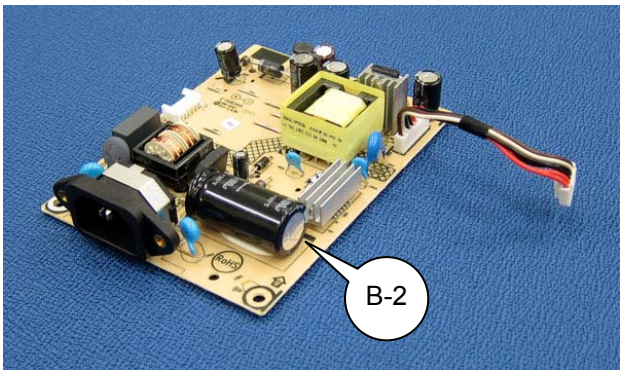
Remove the PWB Assy





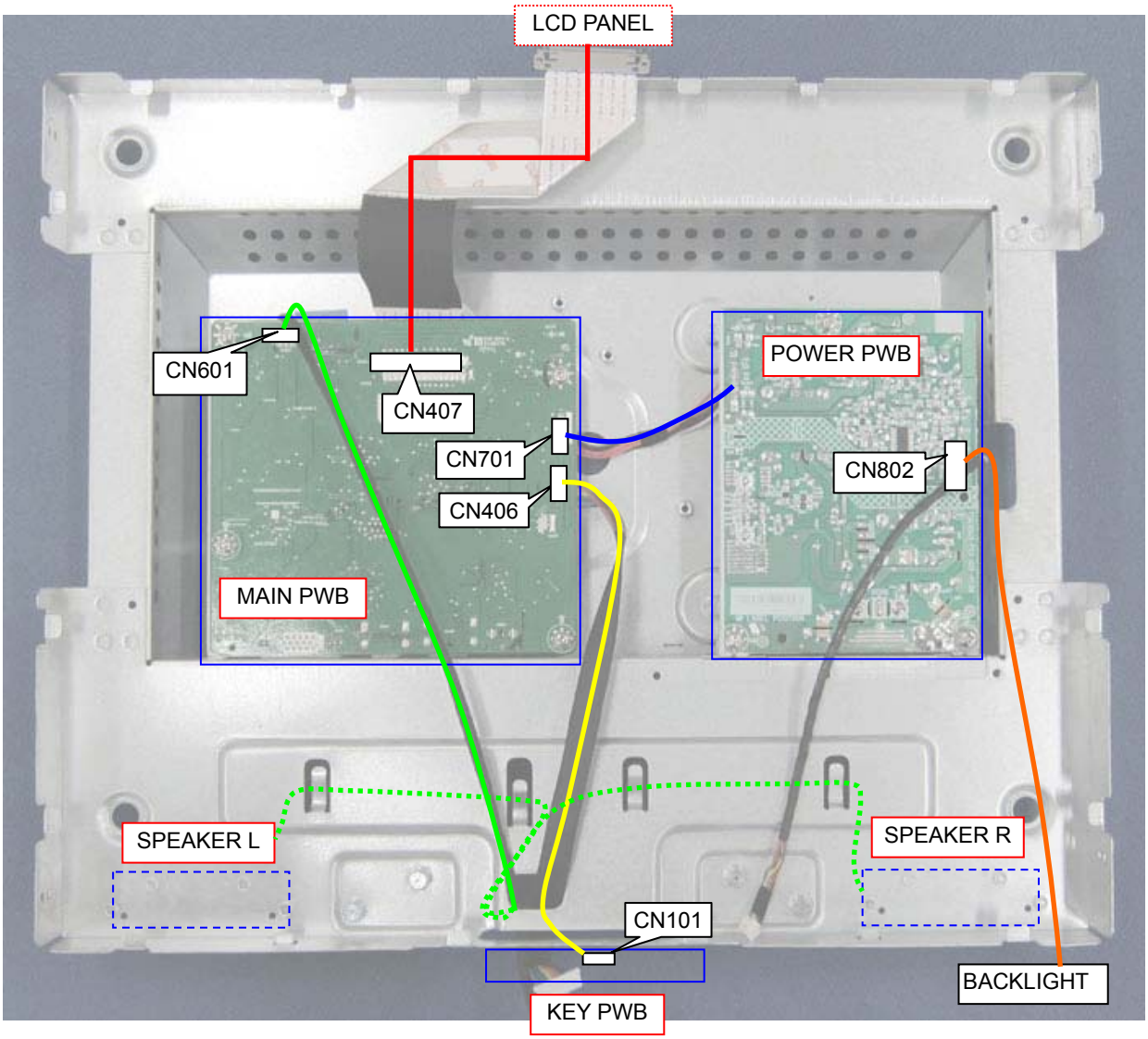

C-4
C-1
C-2
C-3


B-1


B-2


K-10

Wiring diagram



C-1		CN407 (MAIN PWB) → LCD PANEL (LVDS)
C-2		CN802 (POWER PWB) → LCD PANEL (BACKLIGHT)
C-3		CN406 (MAIN PWB) → CN101 (KEY PWB)
C-4		CN601 (MAIN PWB) → SPEAKER L / R
---		CN7601 (MAIN PWB) → (POWER PWB)

5. 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