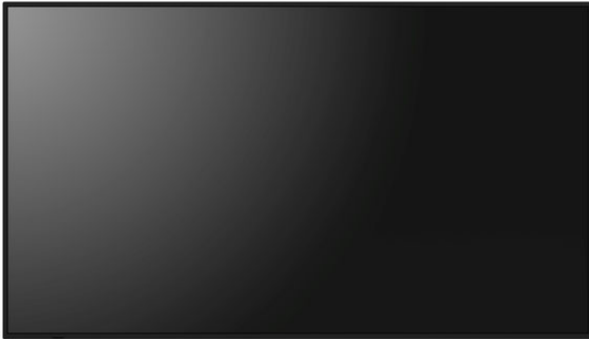


# SHARP

PN-M752/M862/M982/P756 Dismantle Instruction

## LCD MONITOR



**PN-M752**

**PN-M862**

**PN-M982**

**MODEL PN-P756**

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## 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
2. Remove Printed circuit boards

## 4. Batteries

This model uses only AAA battery for remote control.

Battery can easily be removed.



## 5. Disassembly

## CHAPTER 6. DISASSEMBLY AND ASSEMBLY

### 1. 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.

### 2. Recommended Spare Parts List

Please refer to the Document

“Recommended Spare Parts List\_ M752\_M862\_M982\_P756”.

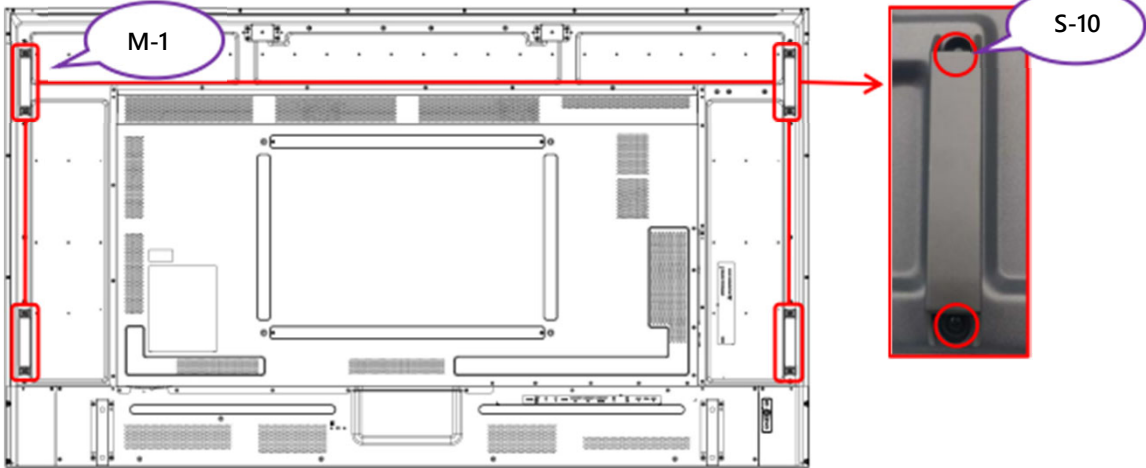
### 3. PARTS TO BE REMOVED

When replacing parts, remove the structural parts that have a "V" check mark.

Replacing part		Main BD	Power BD	T-con BD	Key BD	IR BD	Speaker	FAN	FAN	AC Inlet	RS-232C	Panel
Structural part		E-1	E-2	E-3	E-4	E-5	E-6	E7	E8	E-9	W-7	L-1
Handle	M-1											V
Eye Bolt Bracket	-											V
Back Cover	M-2	V	V	V	V	V	V	V	V	V	V	V
Bottom Cover L	M-3											V
Bottom Cover R	M-4				V							V
Bottom Cover B	M-5			V	V	V						V
SDM Cover	M-6	V	V	V	V	V	V	V	V	V	V	V
CMIF Cover	M-6	V	V	V	V	V	V	V	V	V	V	V
Bezel Top	M-7											V
Bezel Bottom	M-8											V
Bezel Left	M-9											V
Bezel Right	M-10											V
IO Cover Bottom	M-11	V										V
IO Cover Right	M-12										V	V
AC Bracket	M-23									V		V
Function Cover	M-13				V							V
Key Bracket	M-14				V							V
IR Receiver	M-15					V						V
Duct	M-18	V							V			V
SDM Rail Bracket	M-20										V	V
Guide Rail	M-22											V
VESA-Bracket	M-24											V
VESA-Bracket	M-25											V

3. DISASSEMBLY OF PN-M752 / P756

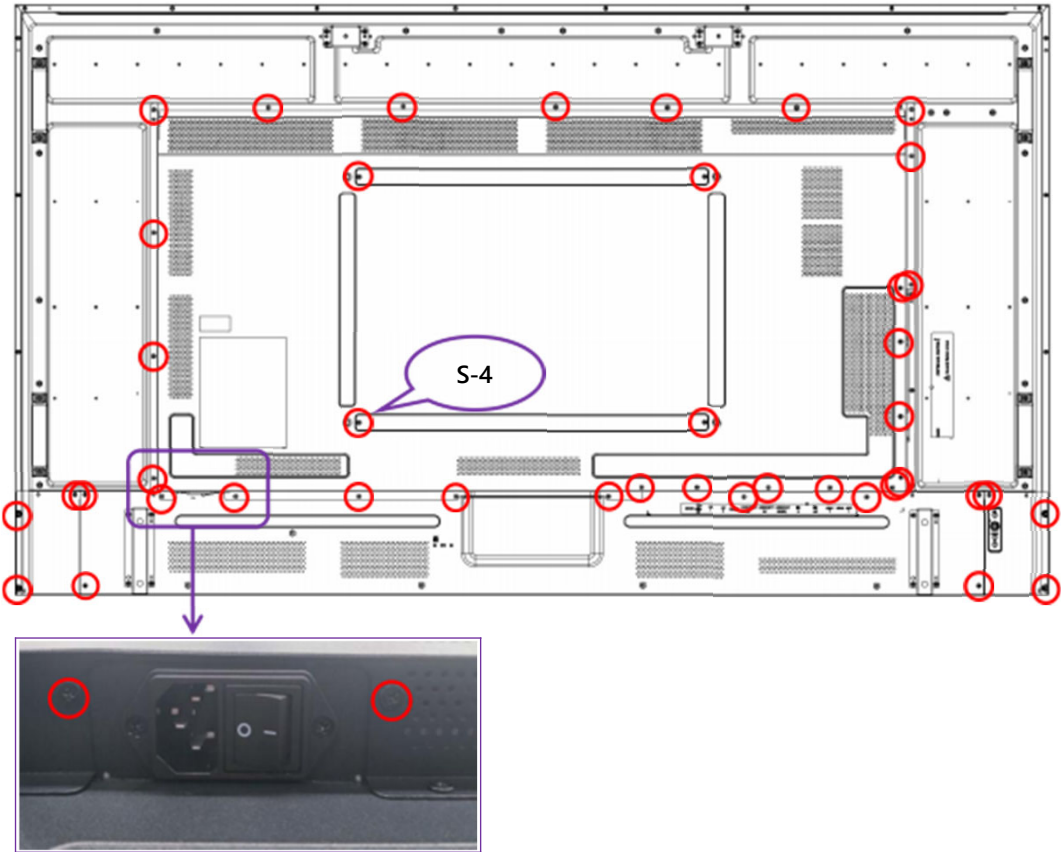
1) Remove the HANDLE



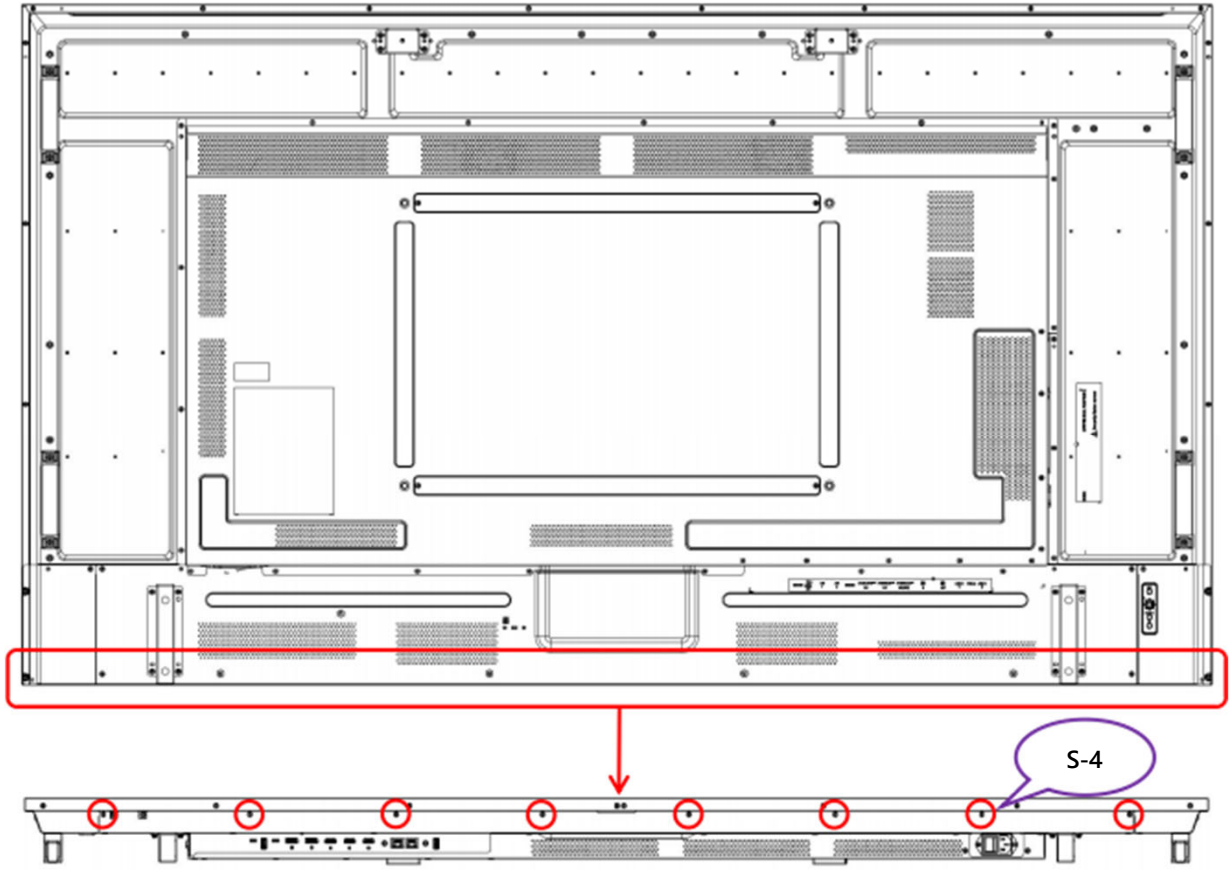
M-1: HANDLE

Fastening torque S-10:  $10 \pm 1 \text{kgf} \cdot \text{cm}$

2) Remove the REAR COVER

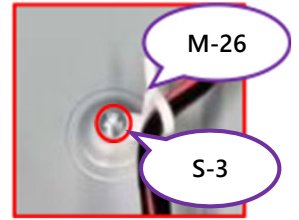
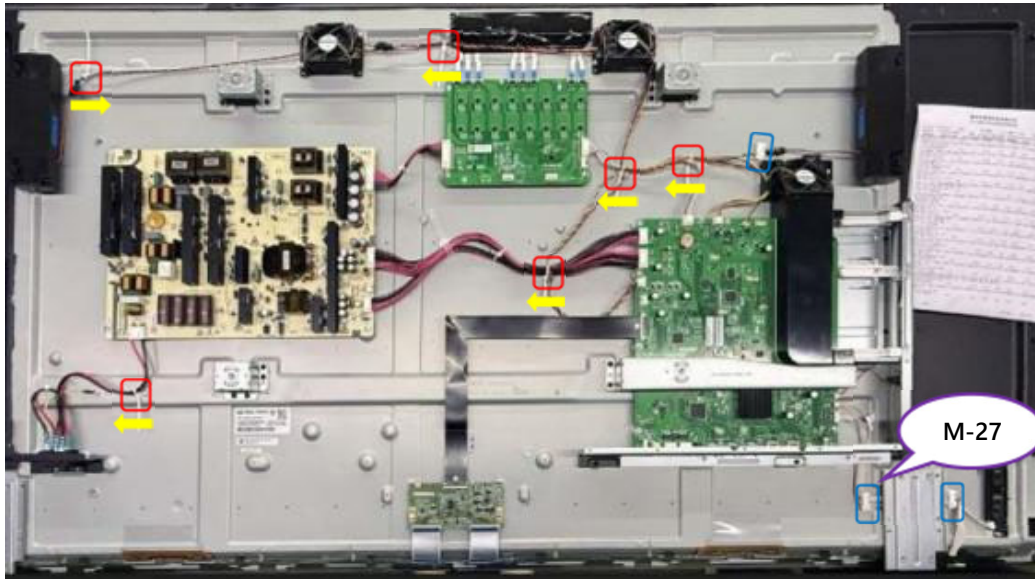


Fastening torque S-4:  $4 \pm 1 \text{kgf} \cdot \text{cm}$



Fastening torque S-4:  $4 \pm 1 \text{ kgf} \cdot \text{cm}$

3) Remove the WIRE CLIP

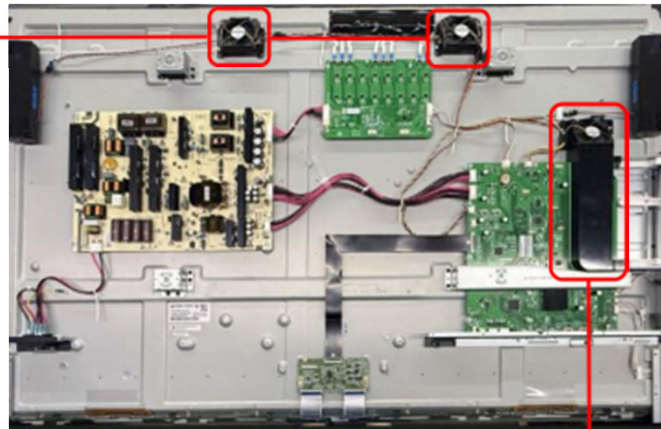
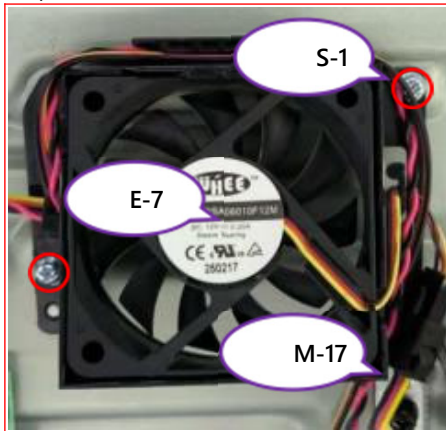


M-26: WIRE CLIP: Place the clip in the direction of the arrow from the screw.

M-27: WIRE CLIP: Place the clip in the direction of the arrow from the screw.

Fastening torque S-3:  $4 \pm 1 \text{kgf} \cdot \text{cm}$

4) Remove the FAN



E-7, E-8: FAN

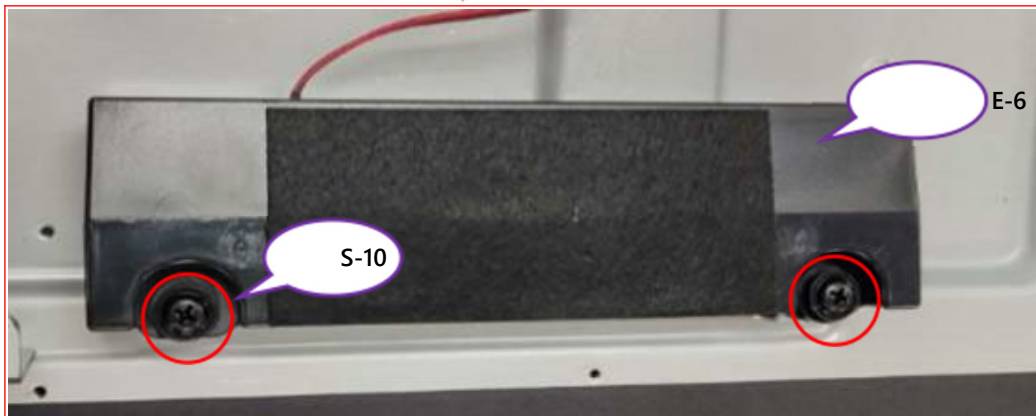
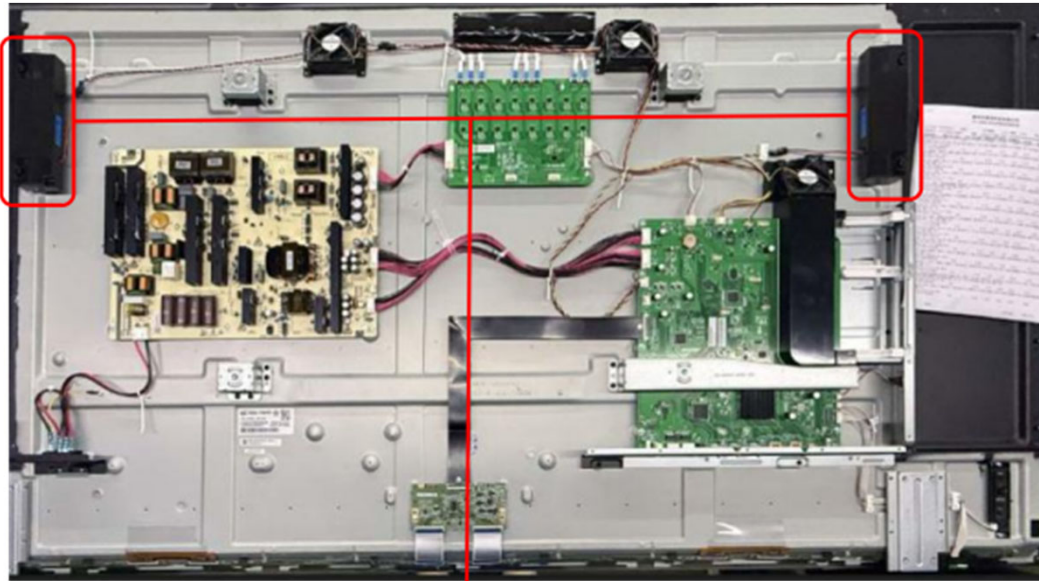
M-17: FAN BRACKET

M-18: DUCT BRACKET

Fastening torque S-1:  $4 \pm 1 \text{kgf} \cdot \text{cm}$



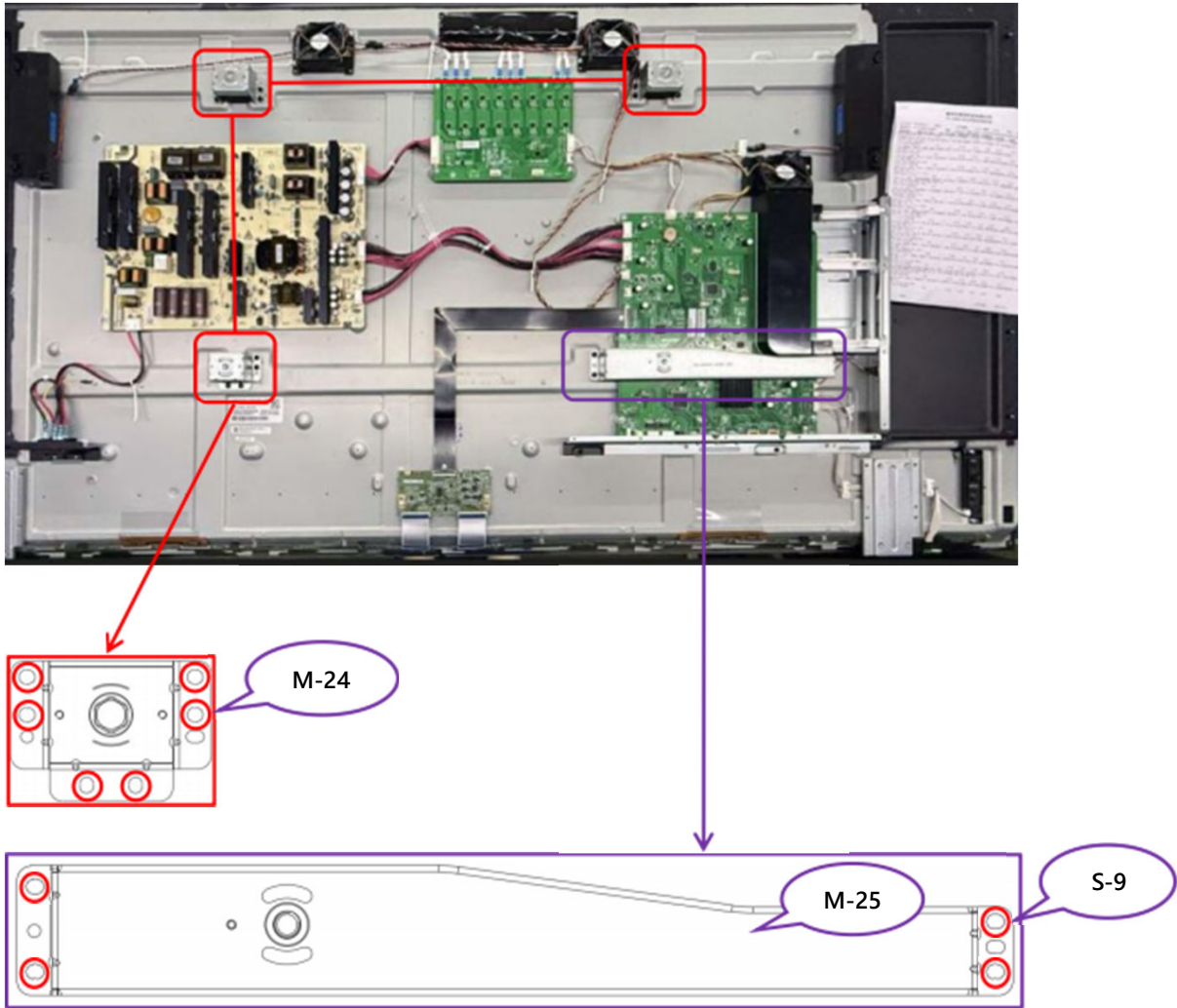
5) Remove the SPEAKER



E-6: SPEAKER

Fastening torque S-10:  $7 \pm 1 \text{kgf} \cdot \text{cm}$

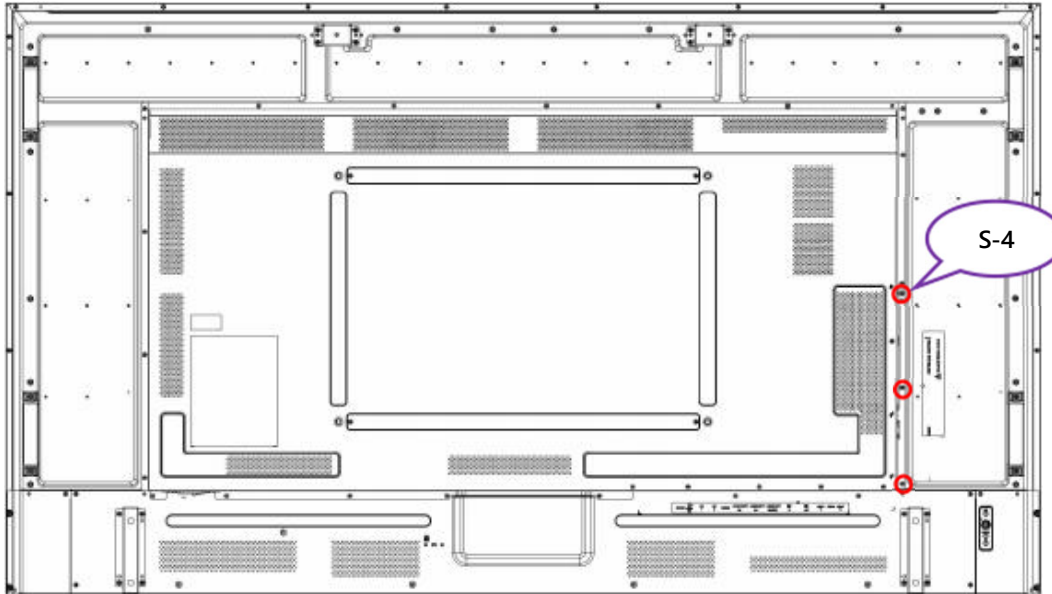
6) Remove the VESA BRACKET



M-24, M-25: VESA BRACKET

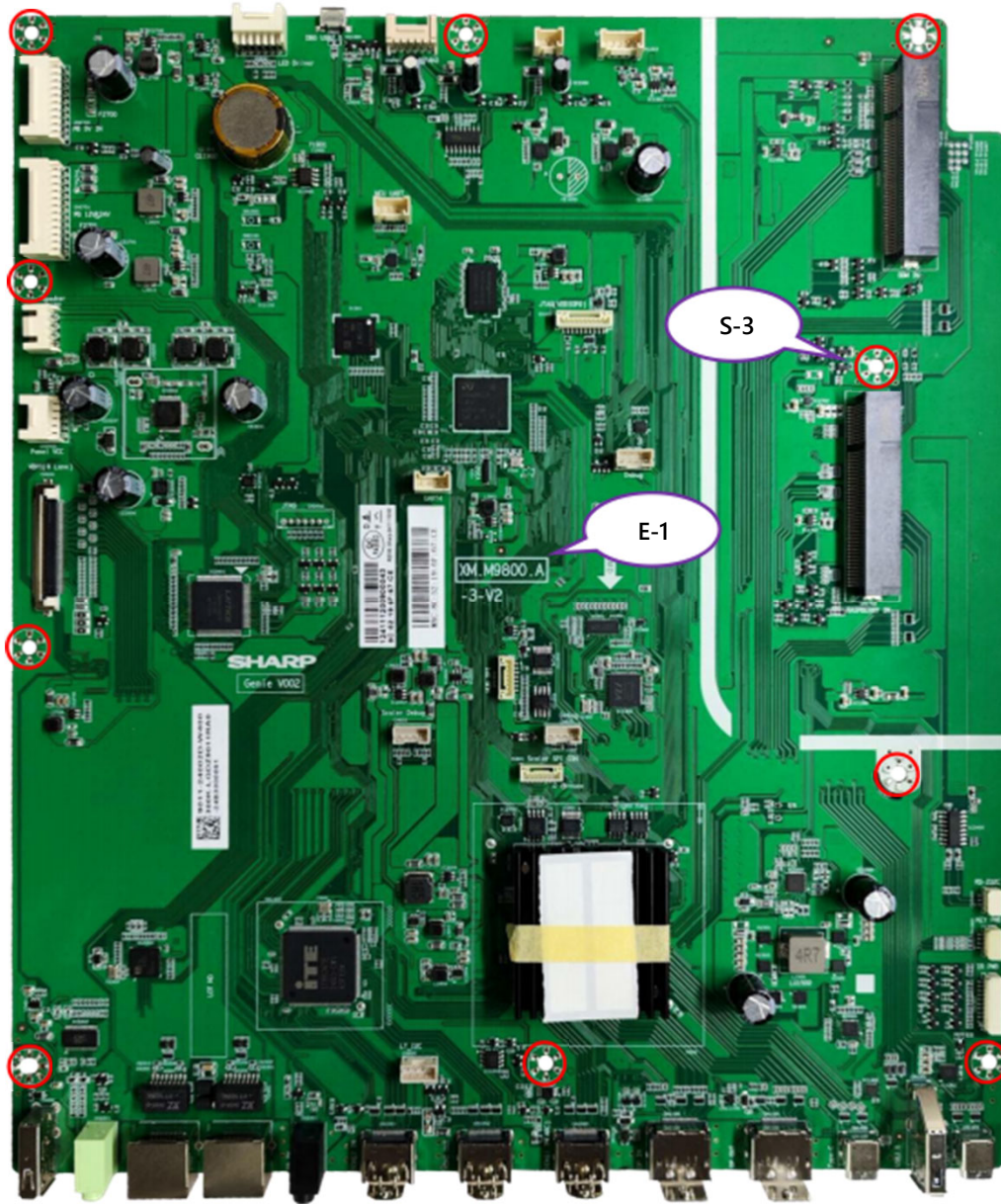
Fastening torque S-9:  $6 \pm 1 \text{kgf} \cdot \text{cm}$

7) Remove the MAIN PWB



M-11, M-12: I/O COVER

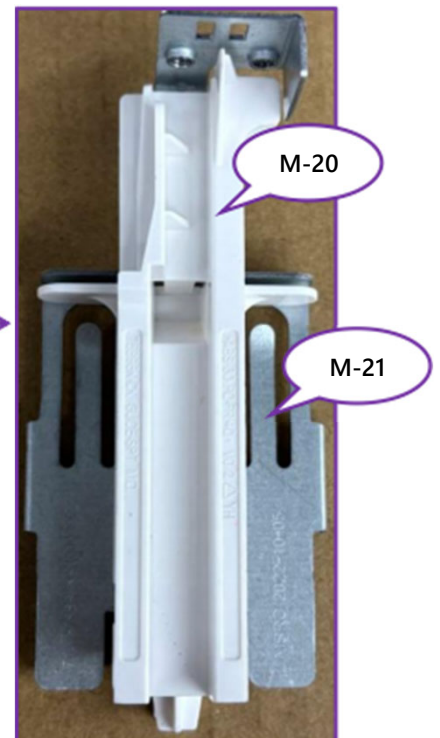
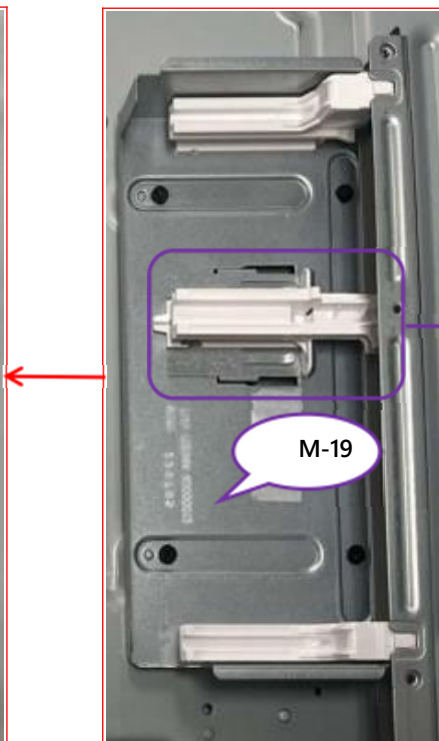
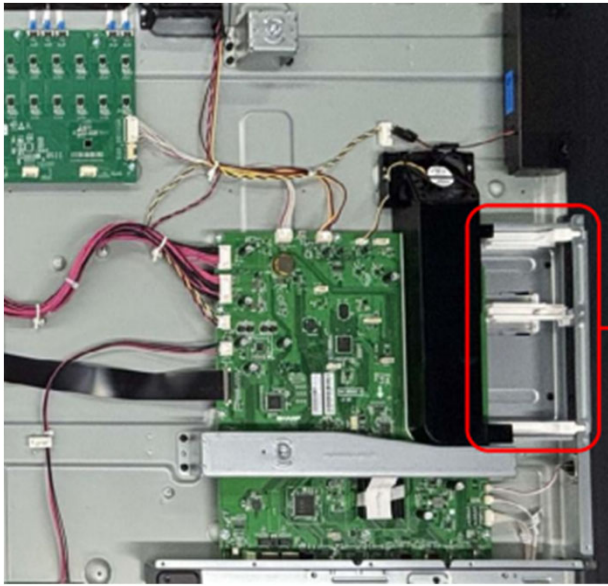
Fastening torque S-4, S-11:  $4 \pm 1 \text{kgf} \cdot \text{cm}$



E-1: MAIN PWB

Fastening torque S-3:  $4 \pm 1 \text{ kgf} \cdot \text{cm}$

8) Remove the GUIDE RAIL



M-19: STAND SUPPORT

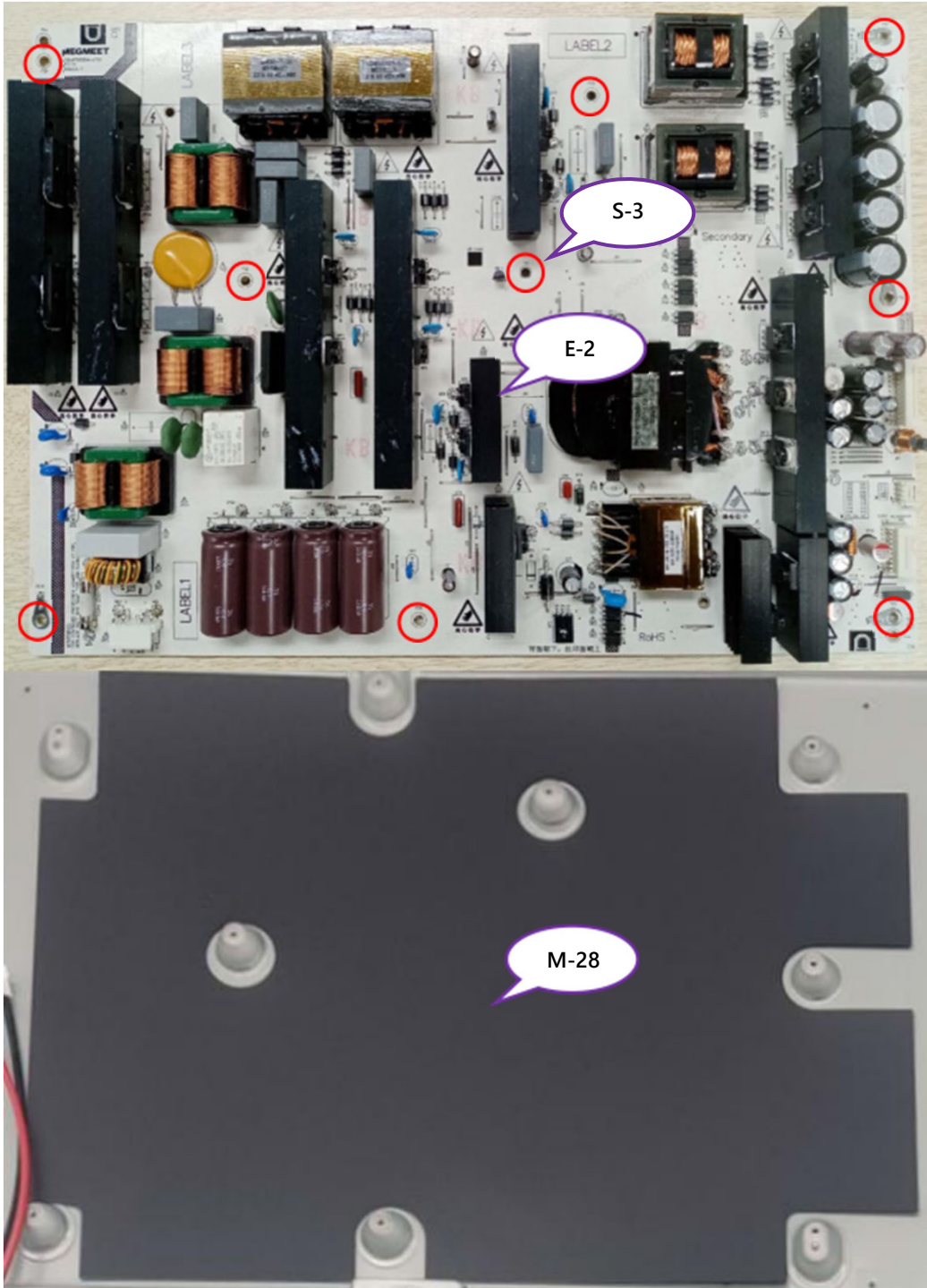
M-20: SMD RAIL BRACKET

M-21: SUPPORT BRACKET

M-22: GUIDE RAIL

Fastening torque S-4:  $5 \pm 1 \text{ kgf} \cdot \text{cm}$

9) Remove the POWER PWB

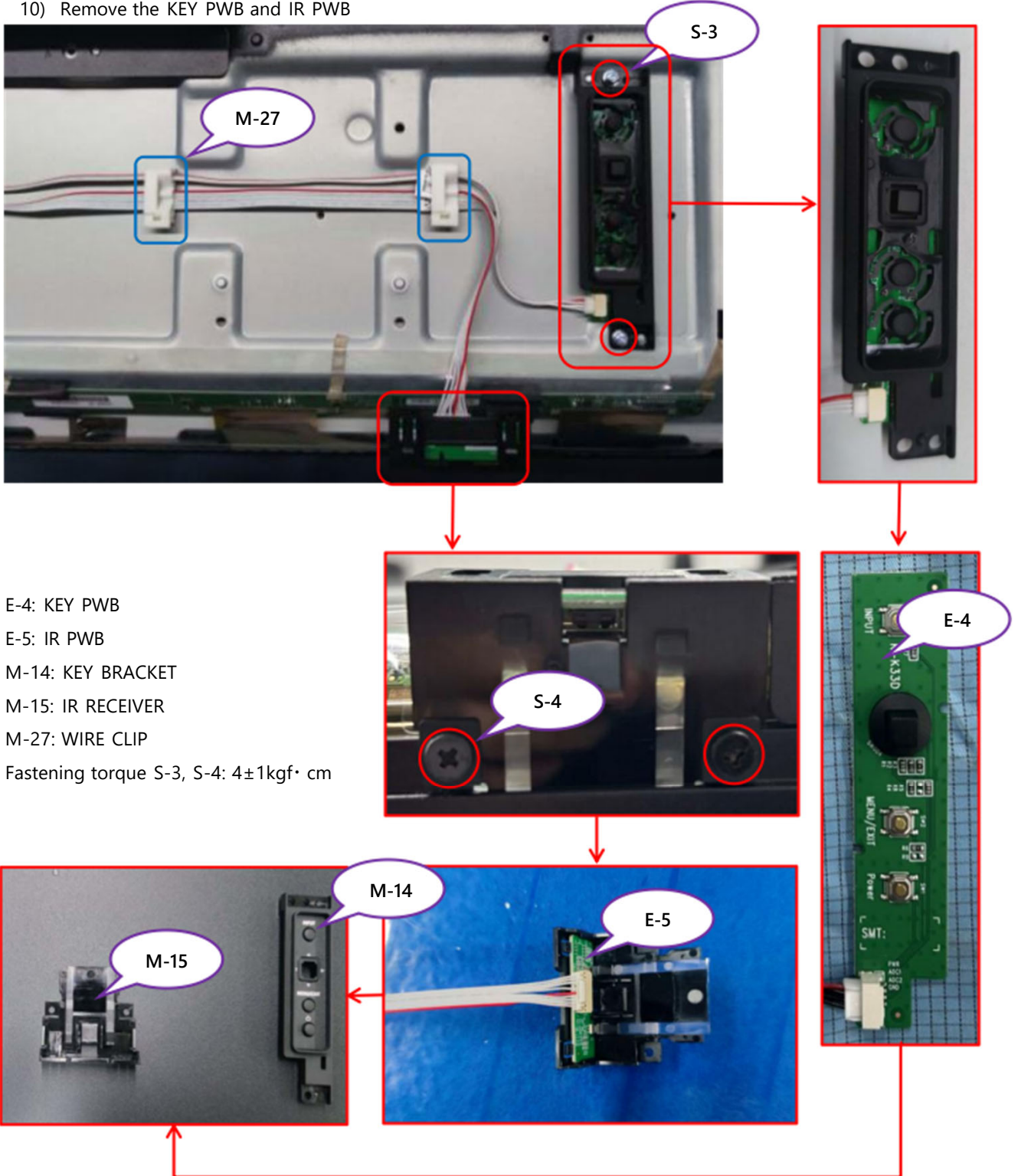


E-2: POWER PWB

M-28: INSULATING SHEET

Fastening torque S-3:  $5 \pm 1 \text{ kgf} \cdot \text{cm}$

10) Remove the KEY PWB and IR PWB



E-4: KEY PWB

E-5: IR PWB

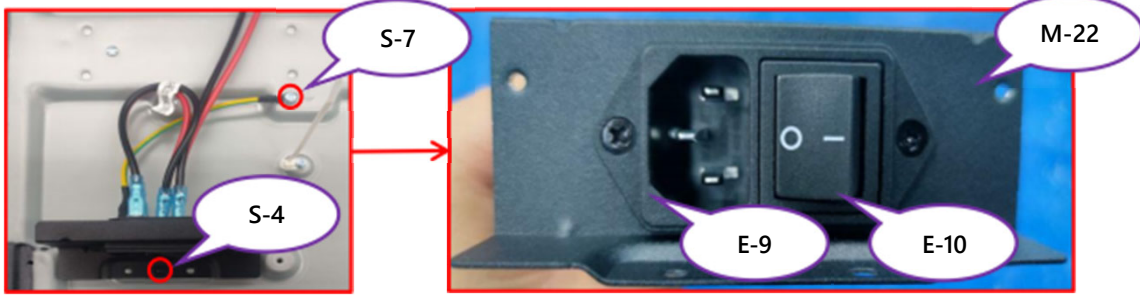
M-14: KEY BRACKET

M-15: IR RECEIVER

M-27: WIRE CLIP

Fastening torque S-3, S-4:  $4 \pm 1 \text{ kgf} \cdot \text{cm}$

11) Remove the AC INLET



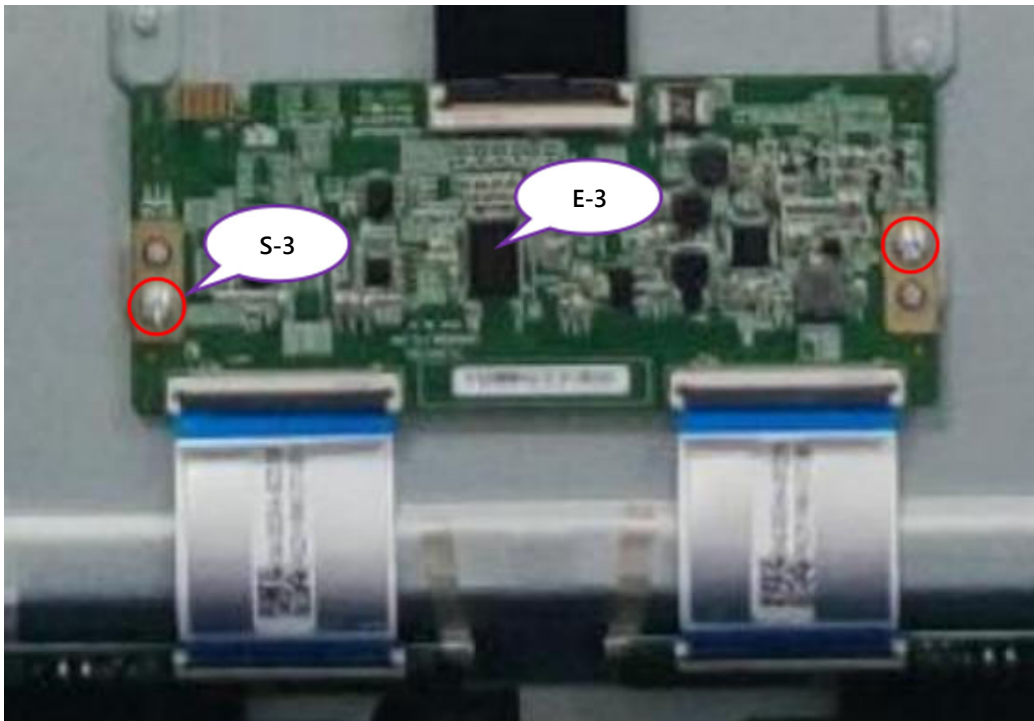
E-9: AC INLET

E-10: AC SWITCH

M-22: AC BRACKET

Fastening torque S-4, S-7:  $4 \pm 1 \text{kgf} \cdot \text{cm}$

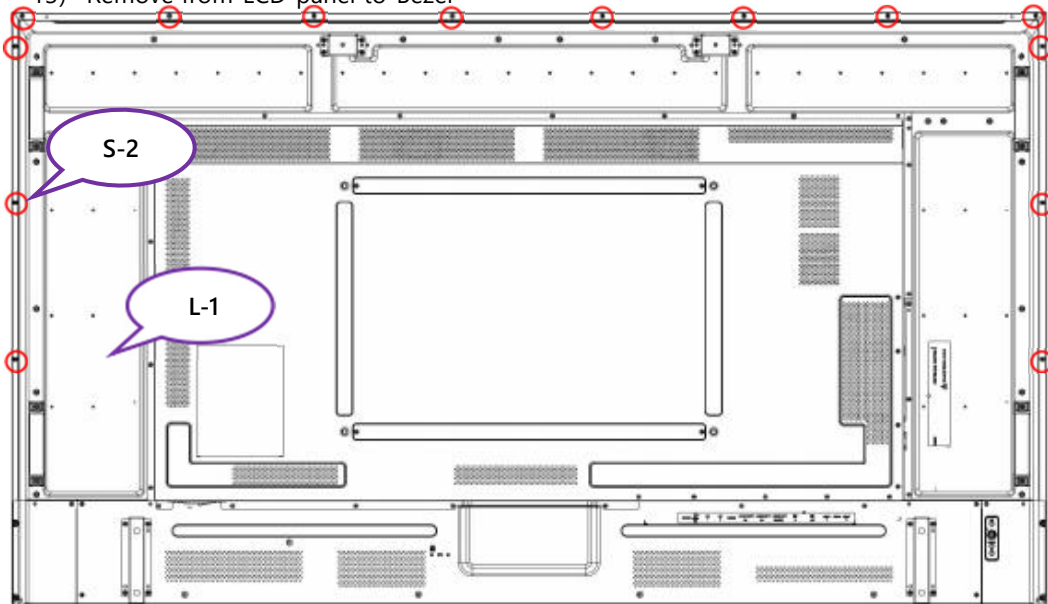
12) Remove the T-CON PWB



E-3: T-CON PWB

Fastening torque S-3:  $3 \pm 0.5 \text{kgf} \cdot \text{cm}$

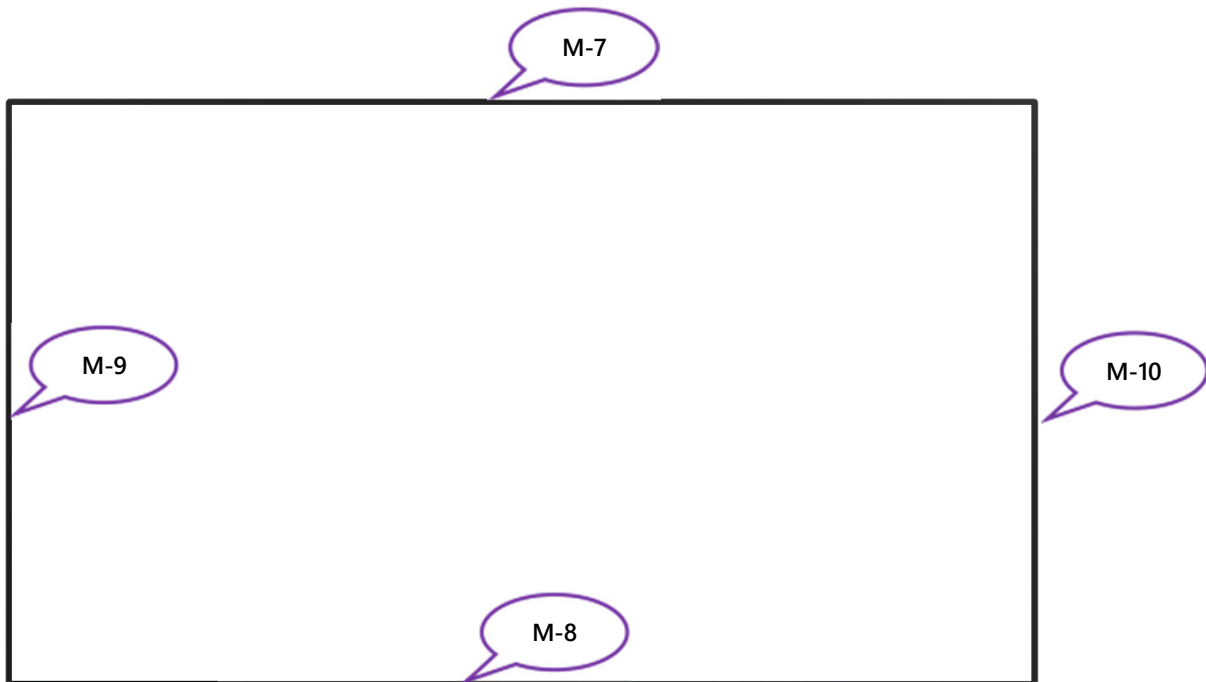
13) Remove from LCD panel to Bezel



L-1: LCD PANEL














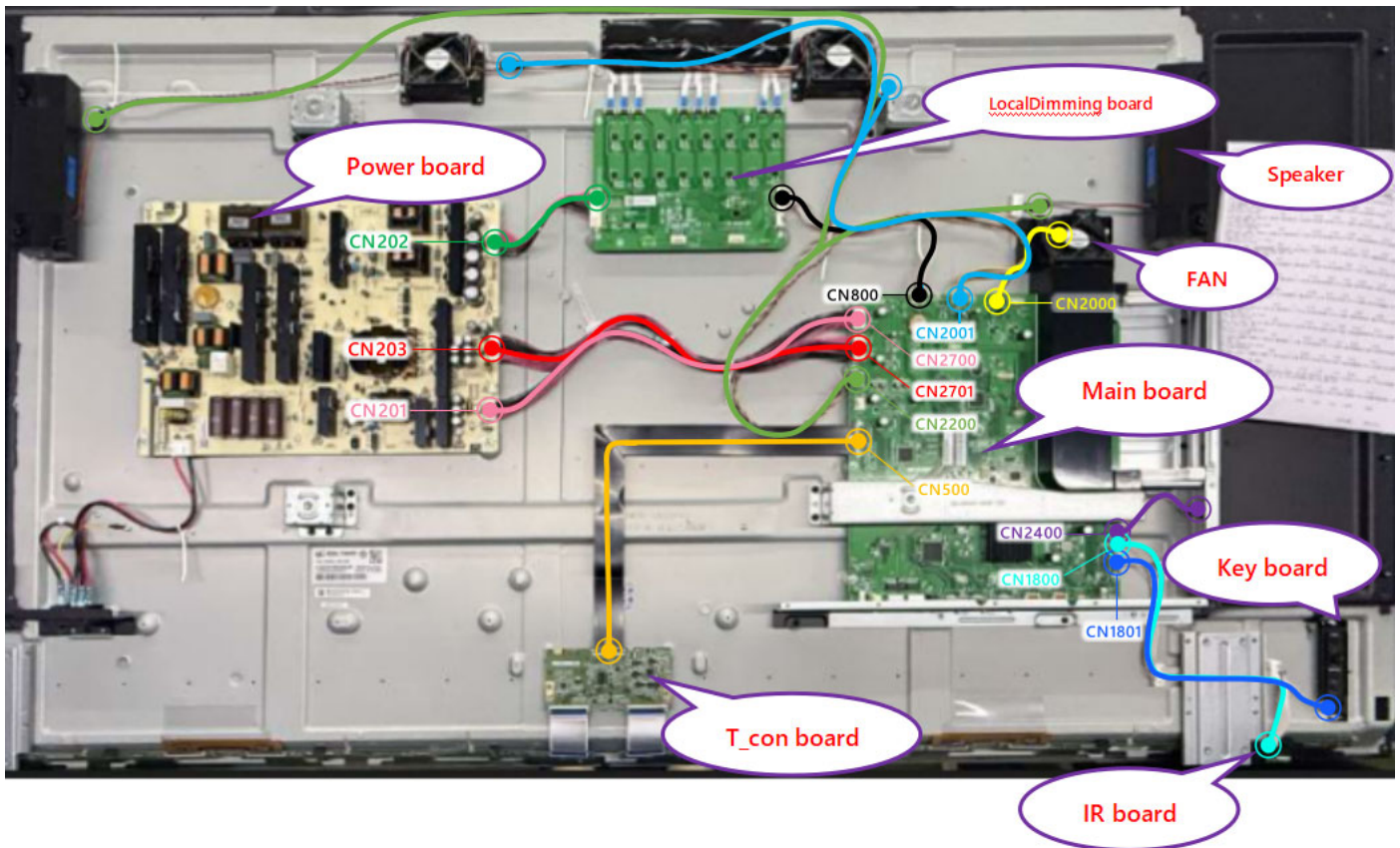
Fastening torque S-2:  $5 \pm 1 \text{ kgf} \cdot \text{cm}$



M-7, M-8, M-9, M-10: BEZEL

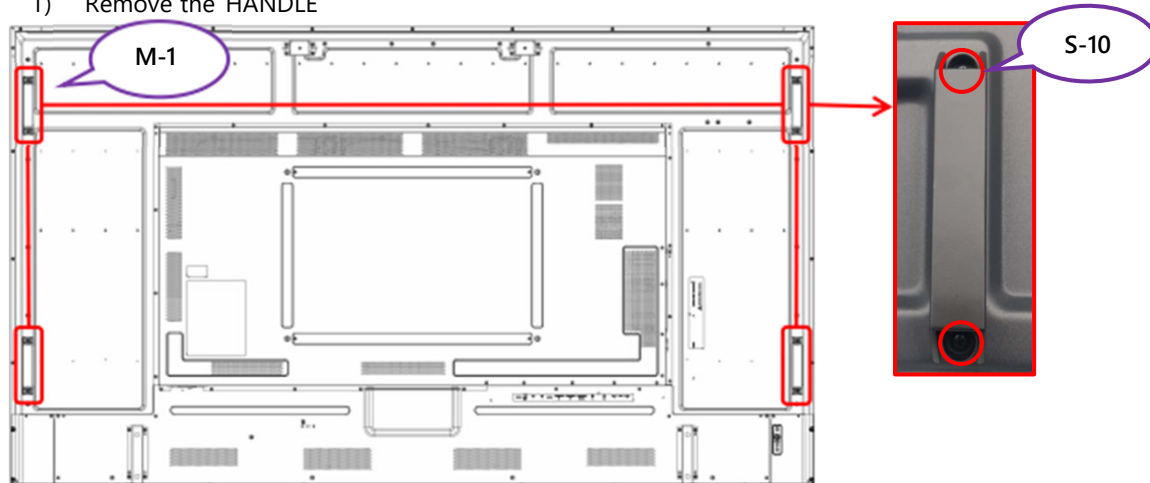
14) Wiring diagram

C1		CN2700 ↔ CN201
C2		CN2701 ↔ CN203
C3		CN2200 ↔ SPEAKER L/R
C4		CN500 ↔ T-CON Board
C5		CN800 ↔ LocalDimming board
C6		CN202 ↔ LocalDimming board
C7		CN2001 ↔ FAN2/3
C8		CN2000 ↔ FAN1
C9		CN2400 ↔ RS-232C
C10		CN1800 ↔ KEY board
C11		CN1801 ↔ IR board



#### 4. DISASSEMBLY OF PN-M862

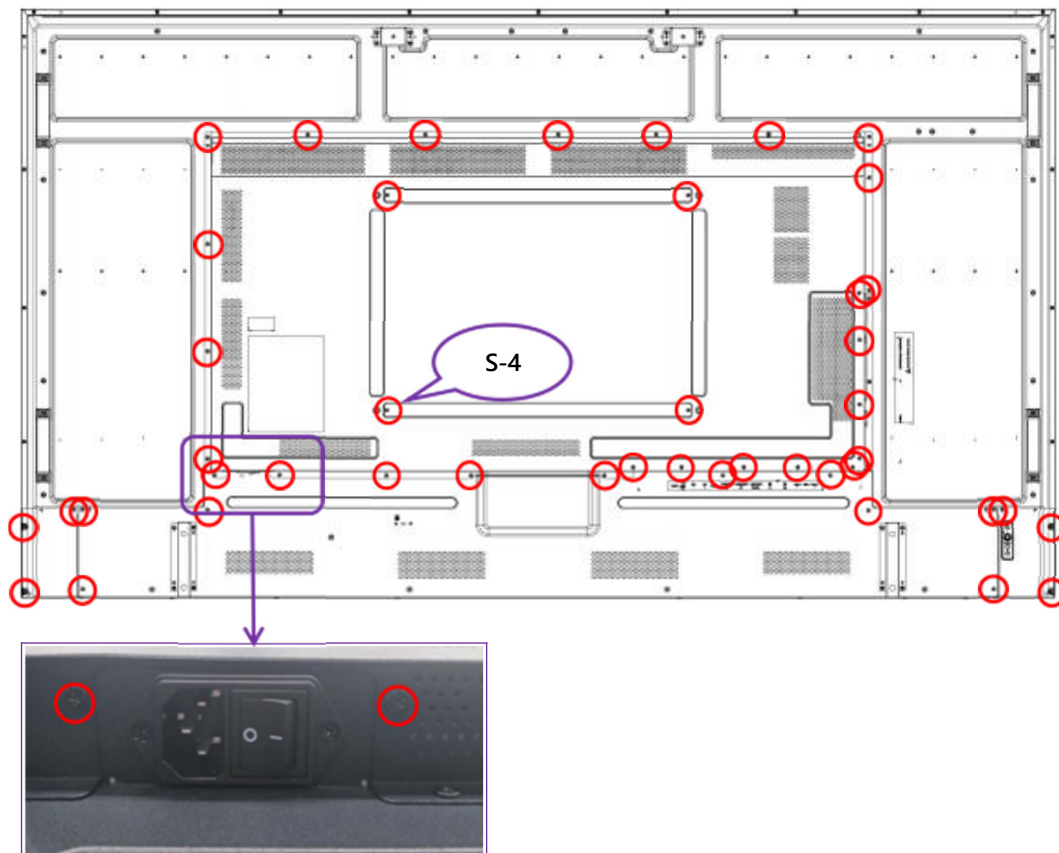
1) Remove the HANDLE



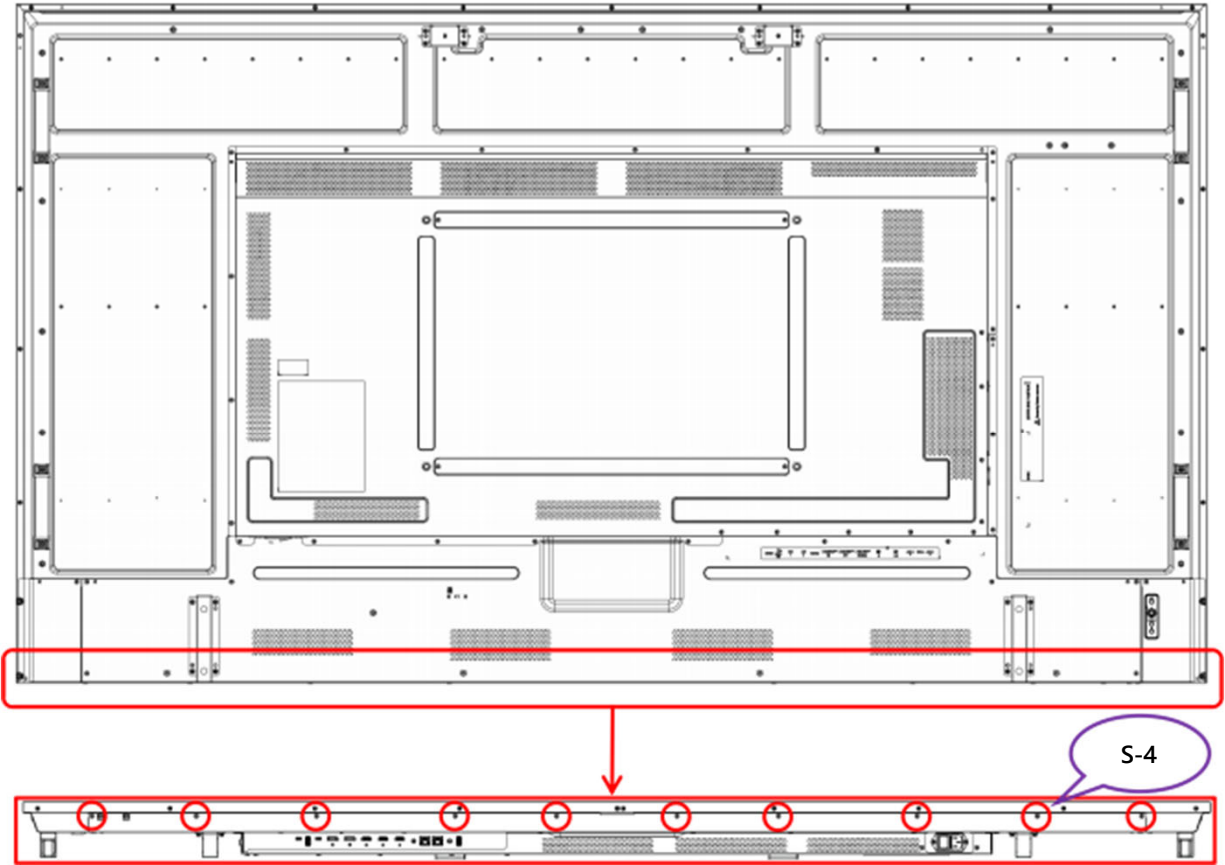
M-1: HANDLE

Fastening torque S-10:  $10 \pm 1 \text{ kgf} \cdot \text{cm}$

2) Remove the REAR COVER

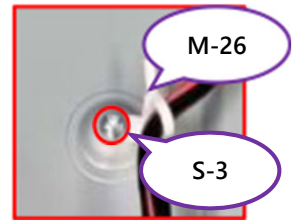
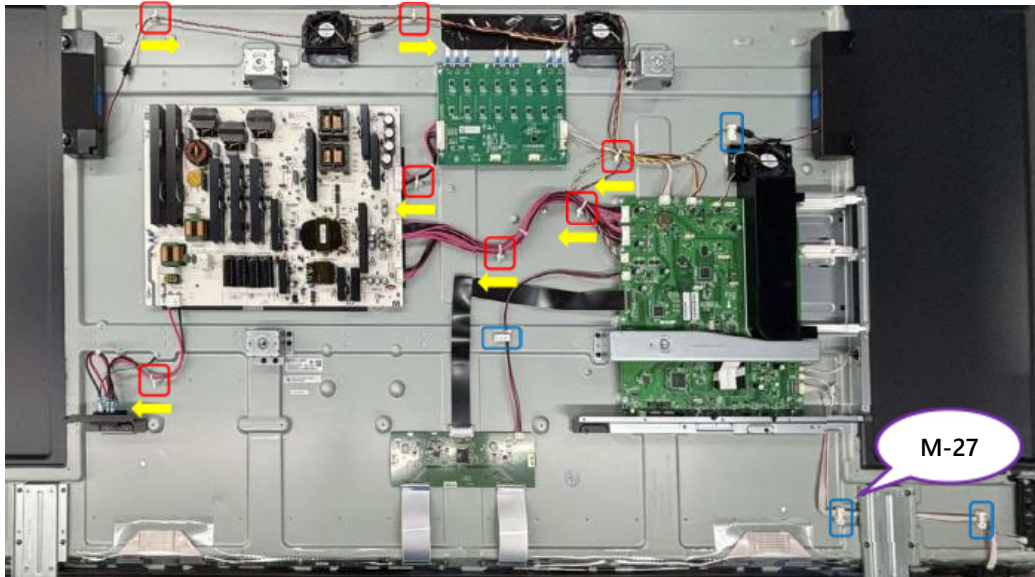


Fastening torque S-4:  $4 \pm 1 \text{ kgf} \cdot \text{cm}$



Fastening torque S-4:  $4 \pm 1 \text{ kgf} \cdot \text{cm}$

3) Remove the WIRE CLIP

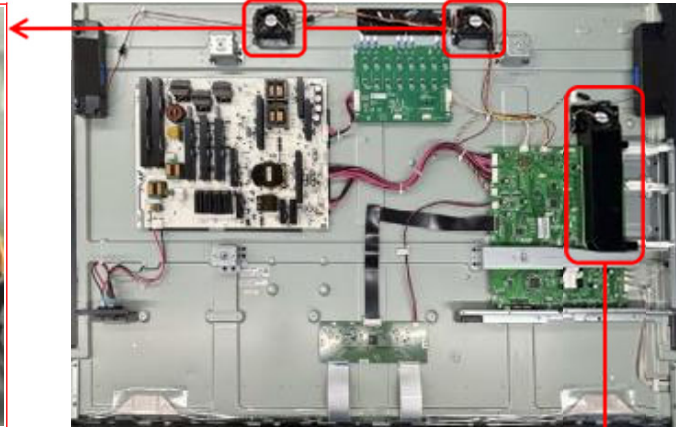
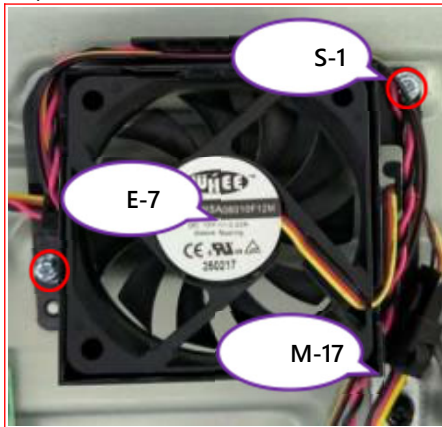


M-26: WIRE CLIP: Place the clip in the direction of the arrow from the screw.

M-27: WIRE CLIP: Place the clip in the direction of the arrow from the screw.

Fastening torque S-3:  $4 \pm 1 \text{kgf} \cdot \text{cm}$

4) Remove the FAN



E-7, E-8: FAN

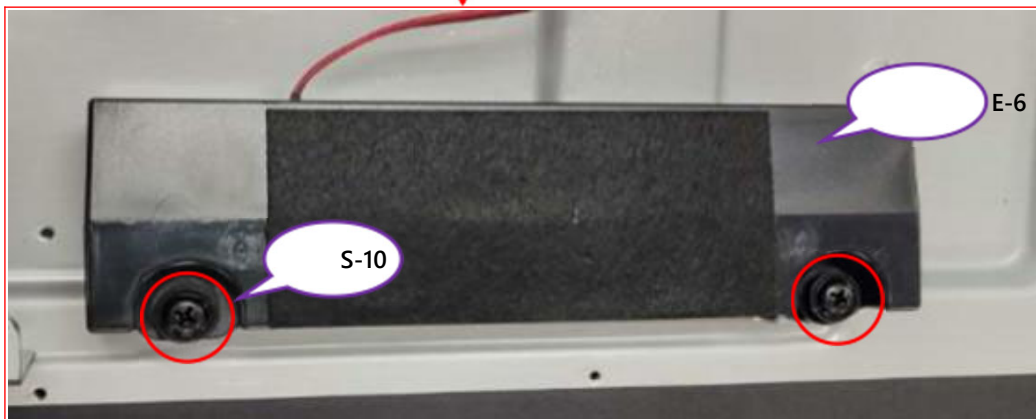
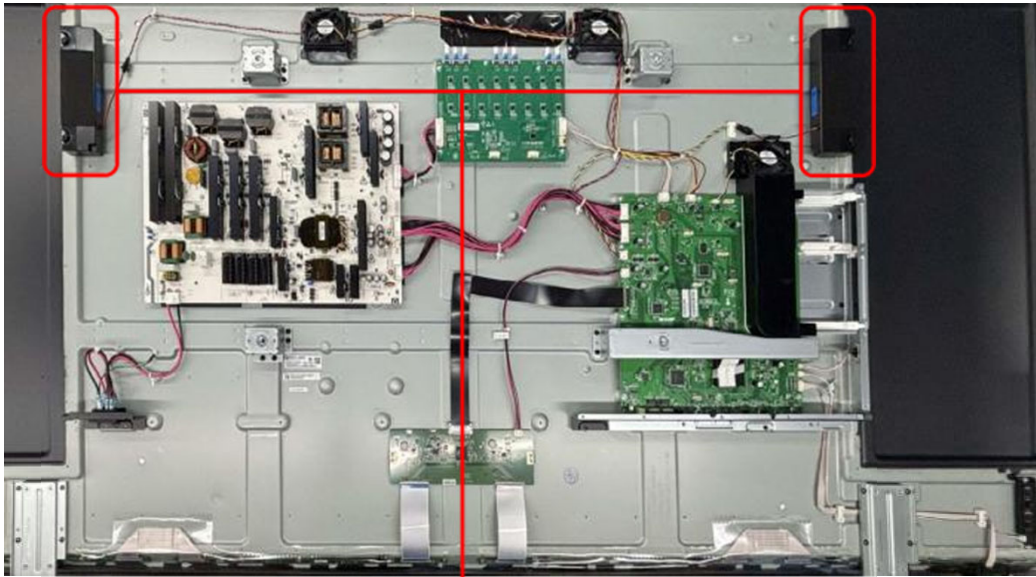
M-17: FAN BRACKET

M-18: DUCT BRACKET

Fastening torque S-1:  $4 \pm 1 \text{kgf} \cdot \text{cm}$



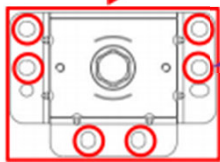
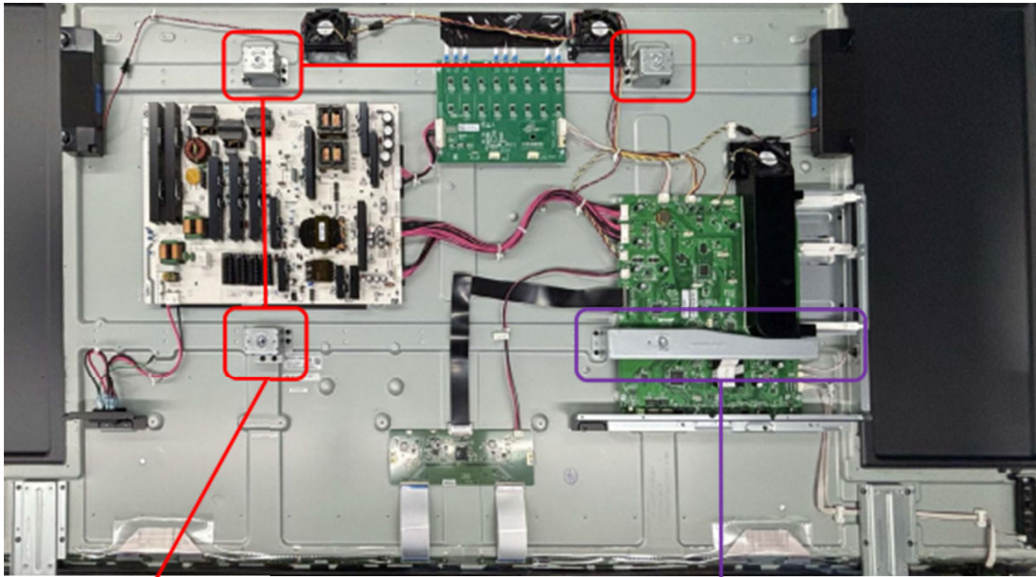
5) Remove the SPEAKER



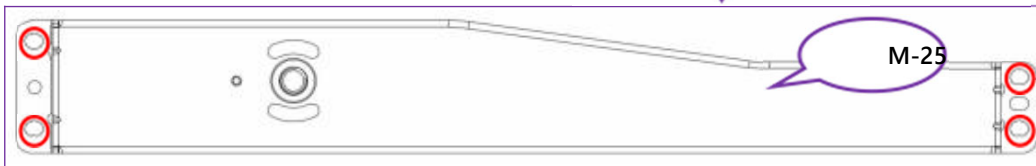
E-6: SPEAKER

Fastening torque S-10:  $7 \pm 1 \text{kgf} \cdot \text{cm}$

6) Remove the VESA BRACKET



M-24



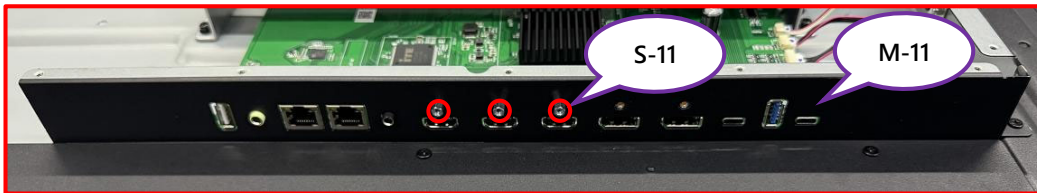
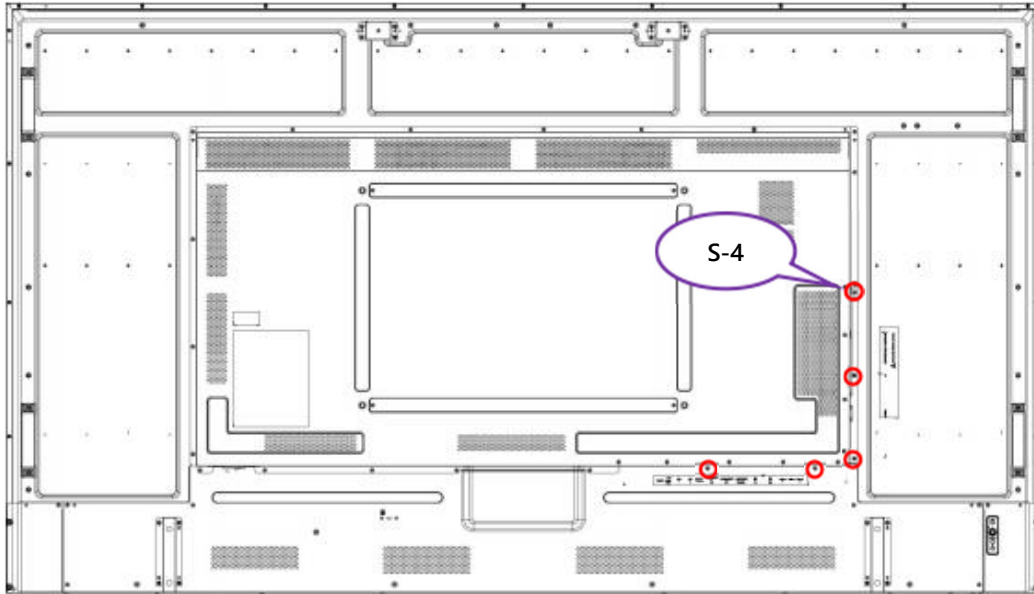
M-25

S-9

M-24, M-25: VESA BRACKET

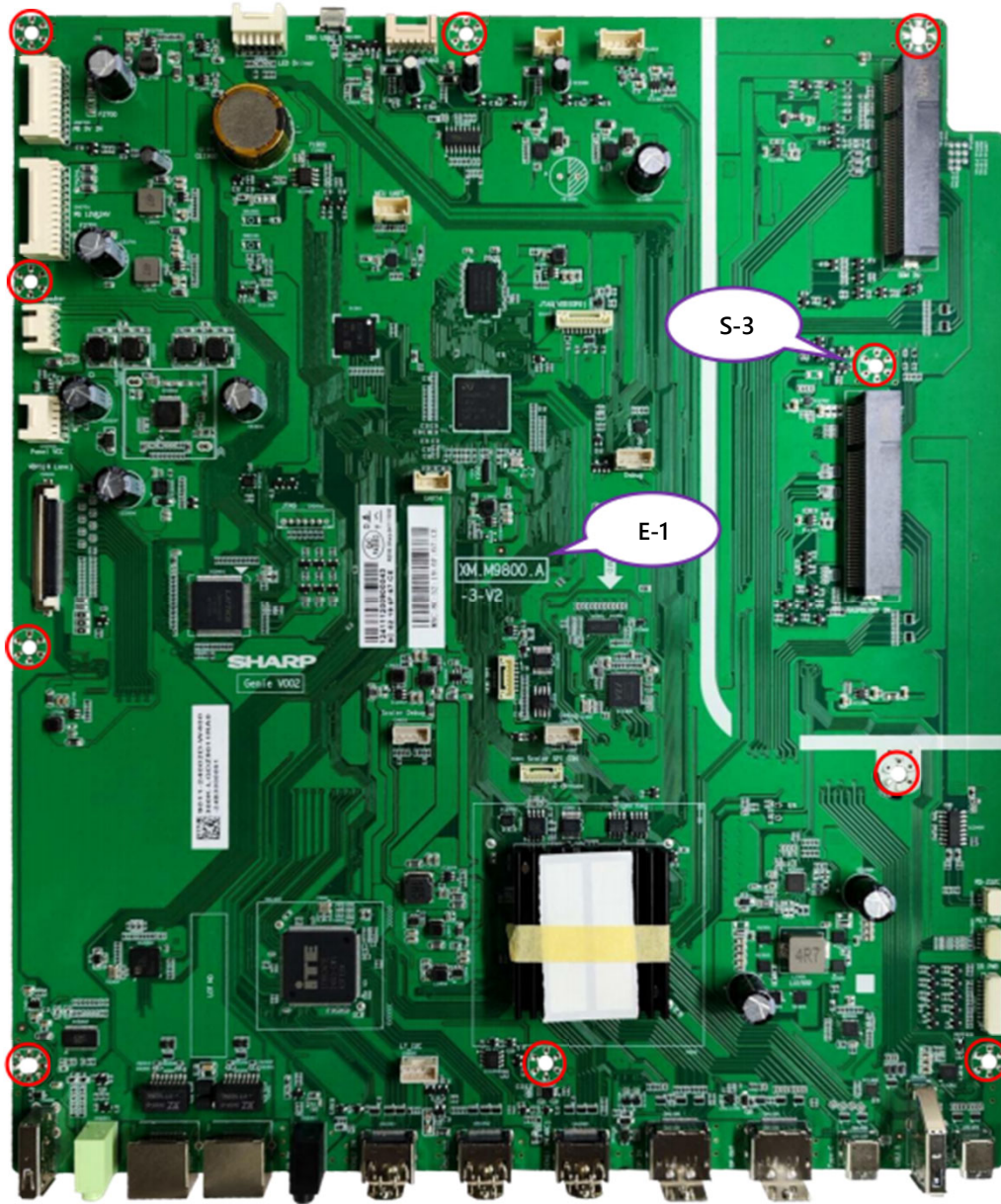
Fastening torque S-9:  $6 \pm 1 \text{ kgf} \cdot \text{cm}$

7) Remove the MAIN PWB



M-11, M-12: I/O COVER

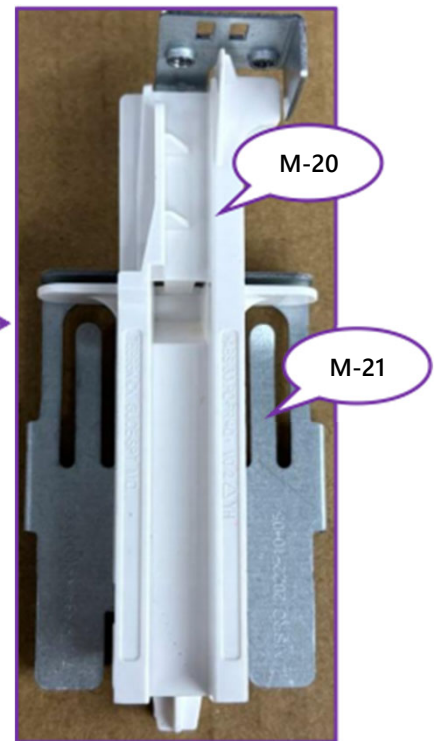
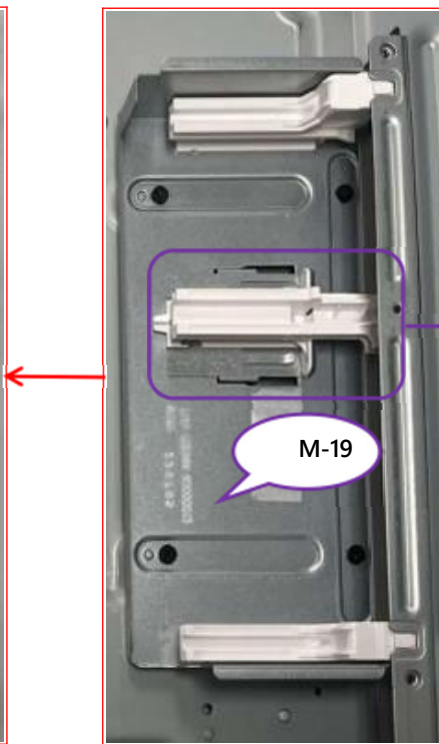
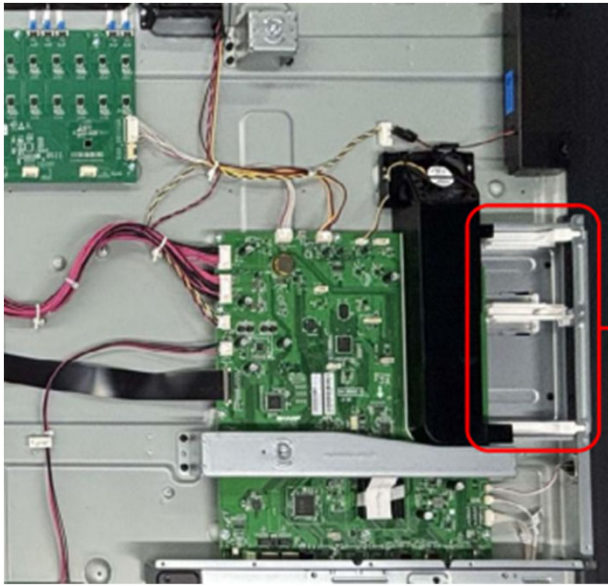
Fastening torque S-4, S-11:  $4 \pm 1 \text{kgf} \cdot \text{cm}$



E-1: MAIN PWB

Fastening torque S-3:  $4 \pm 1 \text{ kgf} \cdot \text{cm}$

8) Remove the GUIDE RAIL



M-19: STAND SUPPORT

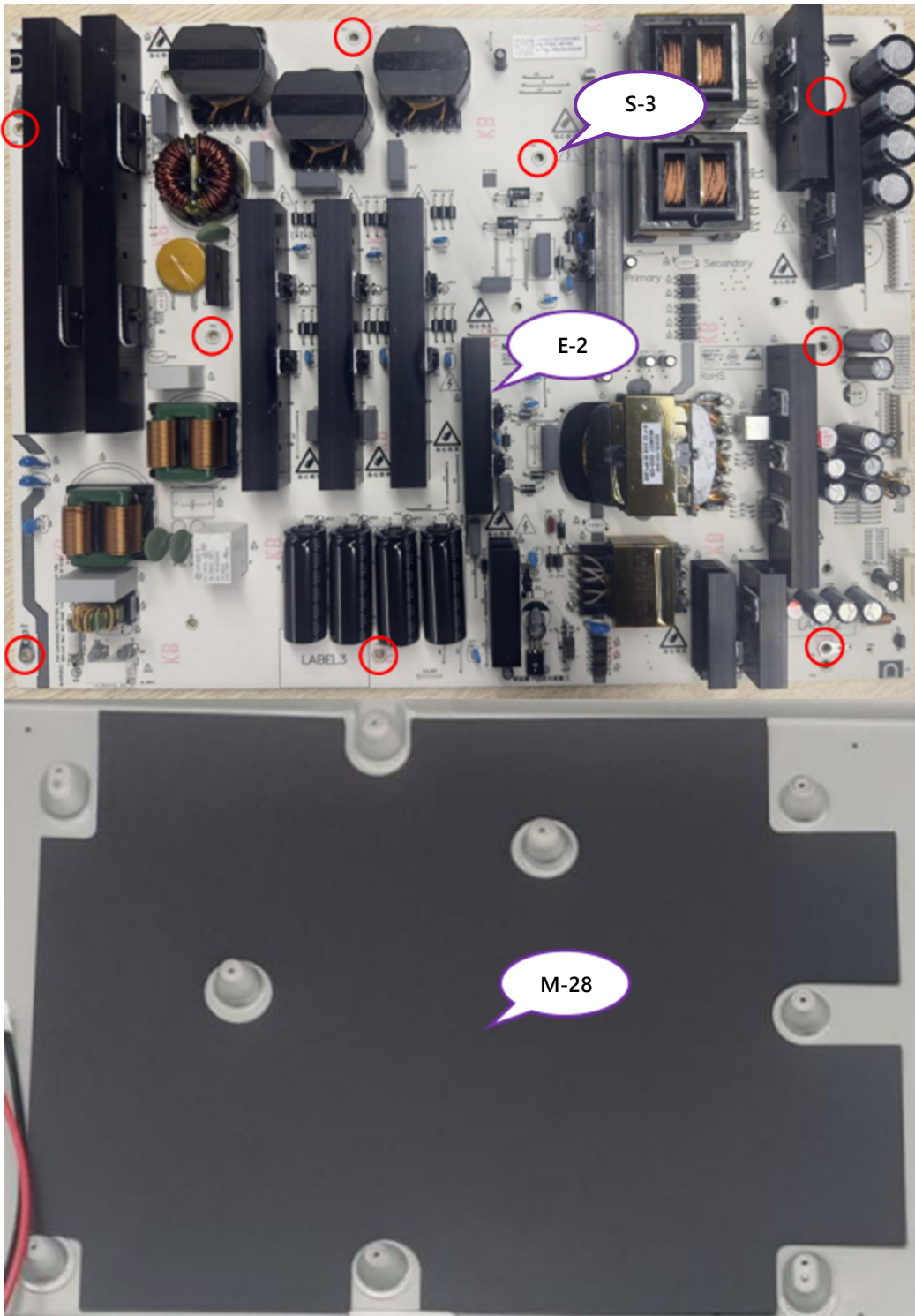
M-20: SMD RAIL BRACKET

M-21: SUPPORT BRACKET

M-22: GUIDE RAIL

Fastening torque S-4:  $5 \pm 1 \text{ kgf} \cdot \text{cm}$

9) Remove the POWER PWB

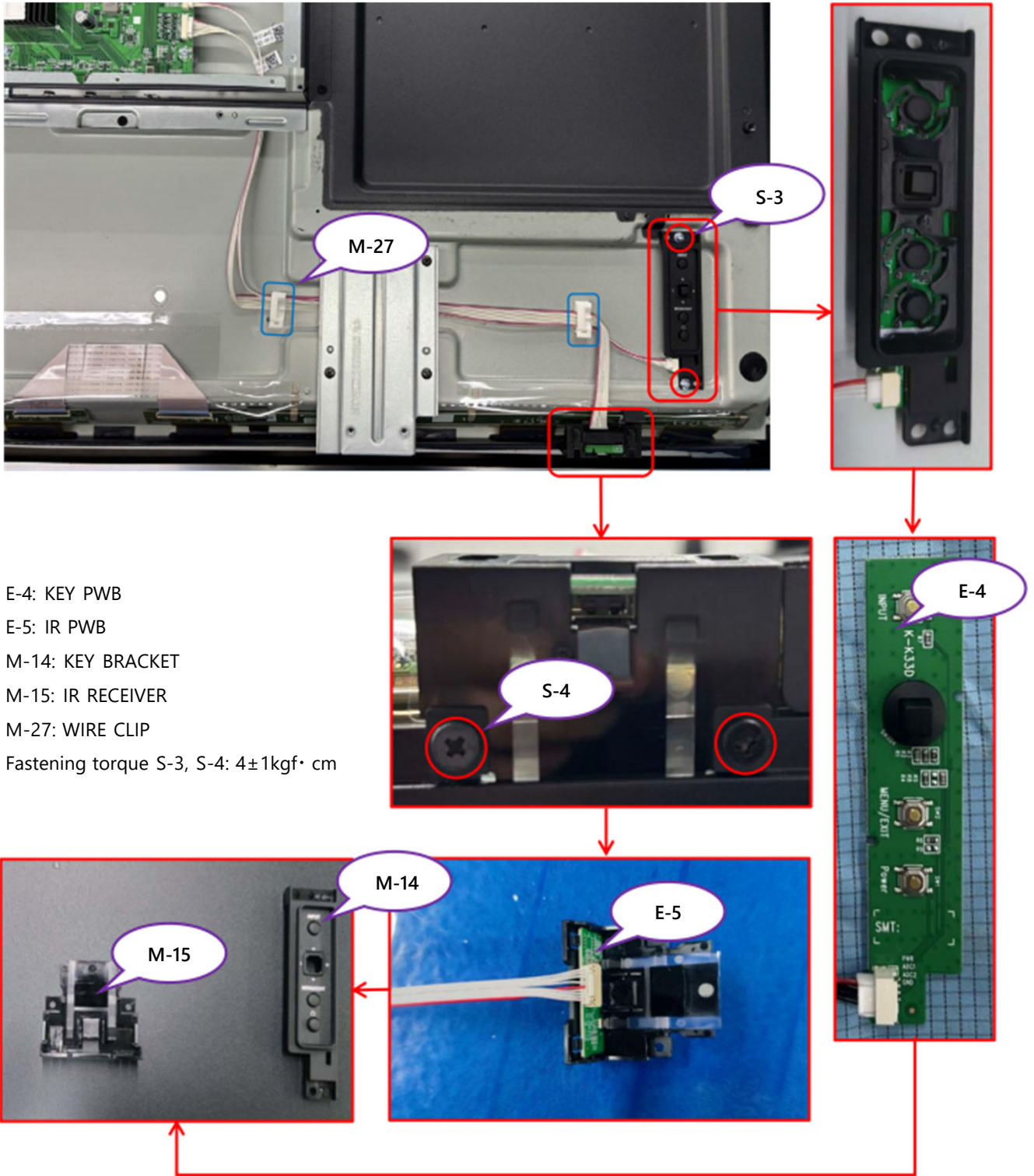


E-2: POWER PWB

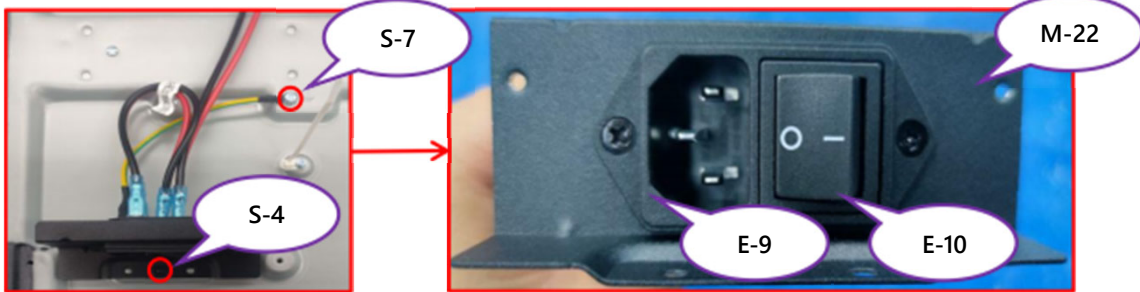
M-28: INSULATING SHEET

Fastening torque S-3:  $5 \pm 1 \text{ kgf} \cdot \text{cm}$

10) Remove the KEY PWB and IR PWB



11) Remove the AC INLET



E-9: AC INLET

E-10: AC SWITCH

M-22: AC BRACKET

Fastening torque S-4, S-7:  $4 \pm 1 \text{ kgf} \cdot \text{cm}$

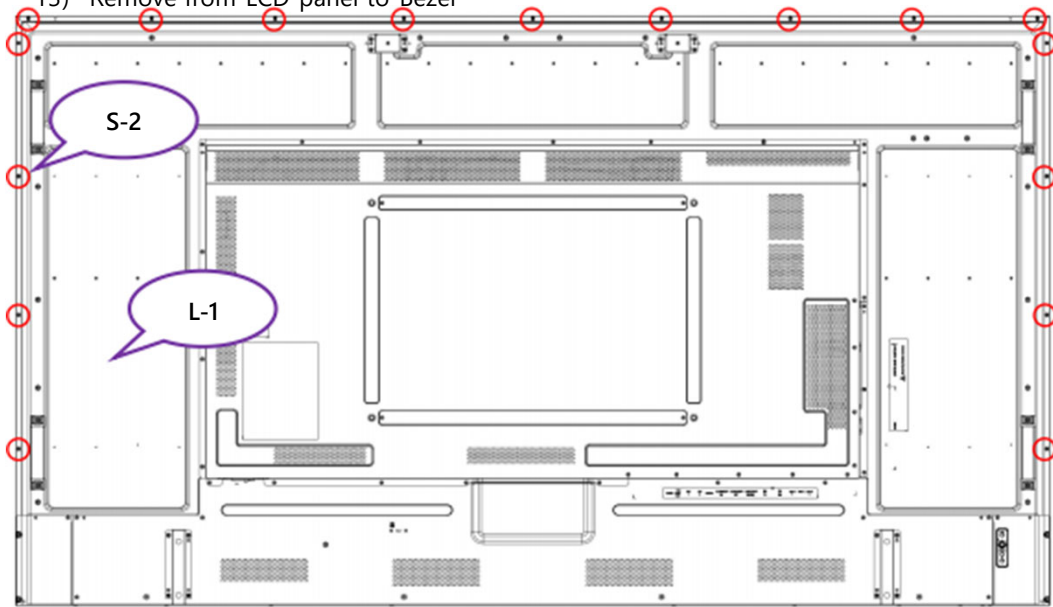
12) Remove the T-CON PWB



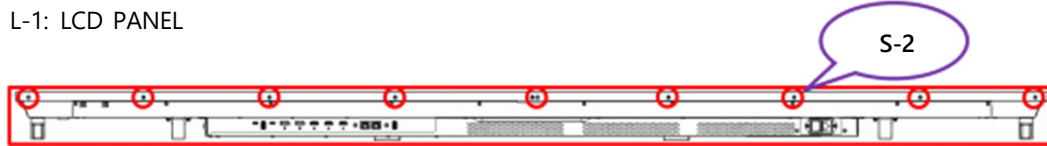
E-3: T-CON PWB

Fastening torque S-3:  $3 \pm 0.5 \text{ kgf} \cdot \text{cm}$

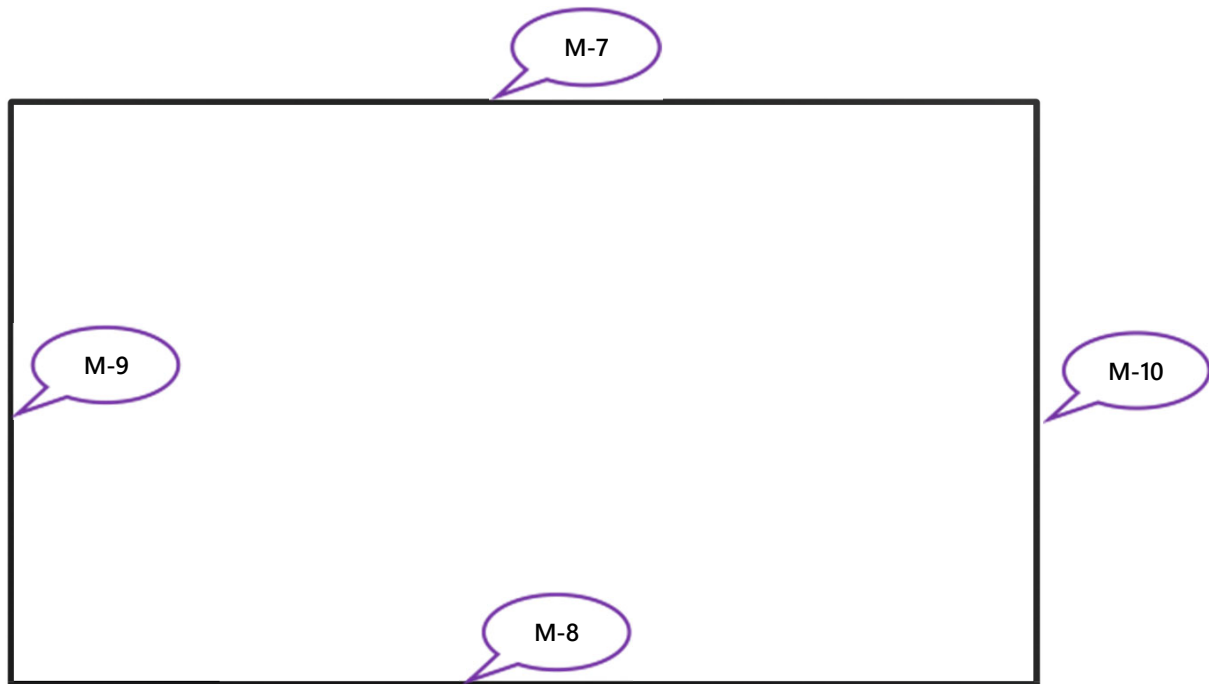
13) Remove from LCD panel to Bezel



L-1: LCD PANEL















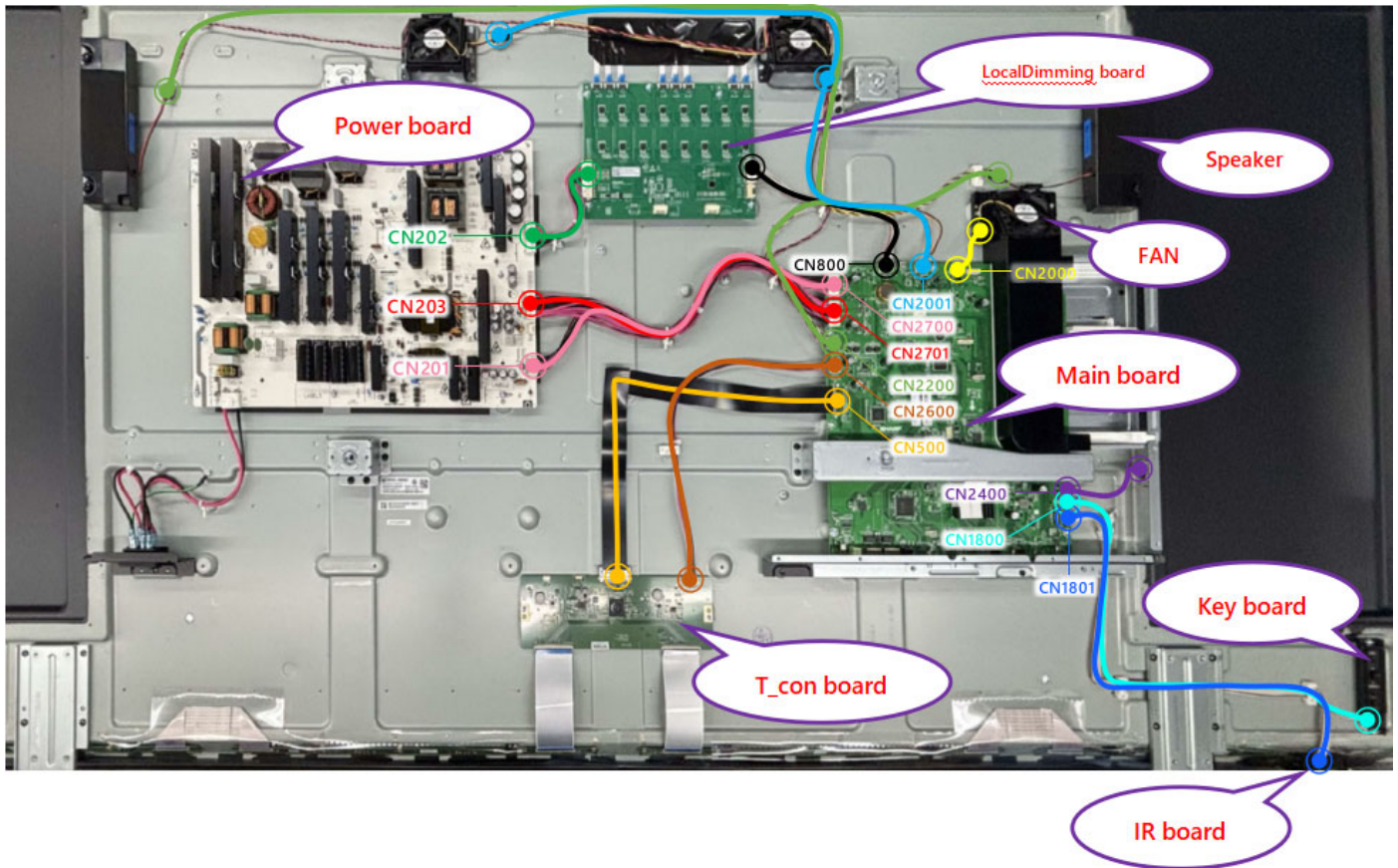
Fastening torque S-2:  $5 \pm 1 \text{ kgf} \cdot \text{cm}$



M-7, M-8, M-9, M-10: BEZEL

14) Wiring diagram

C1		CN2700 ↔ CN201
C2		CN2701 ↔ CN203
C3		CN2200 ↔ SPEAKER L/R
C4		CN500 ↔ T-CON Board
C5		CN800 ↔ LocalDimming board
C6		CN202 ↔ LocalDimming board
C7		CN2001 ↔ FAN2/3
C8		CN2000 ↔ FAN1
C9		CN2400 ↔ RS-232C
C10		CN1800 ↔ KEY board
C11		CN1801 ↔ IR board
C12		CN2600 ↔ T-CON Board



3. DISASSEMBLY OF PN-M982

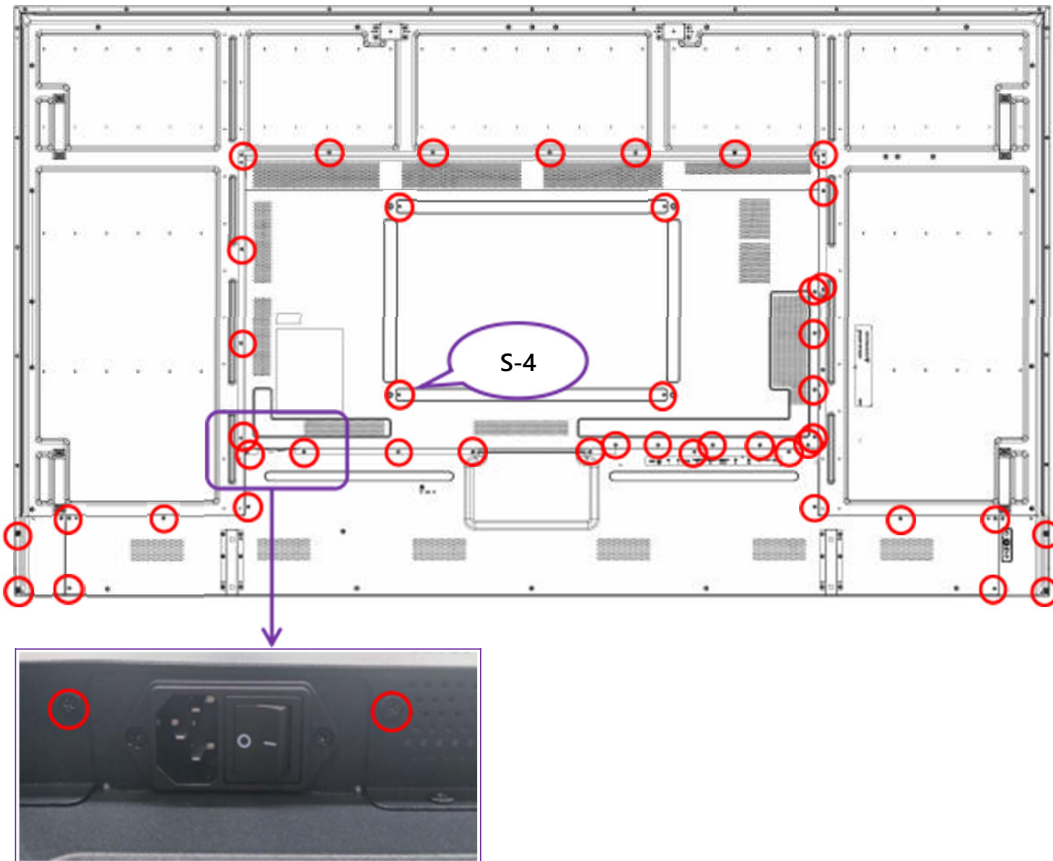
1) Remove the HANDLE



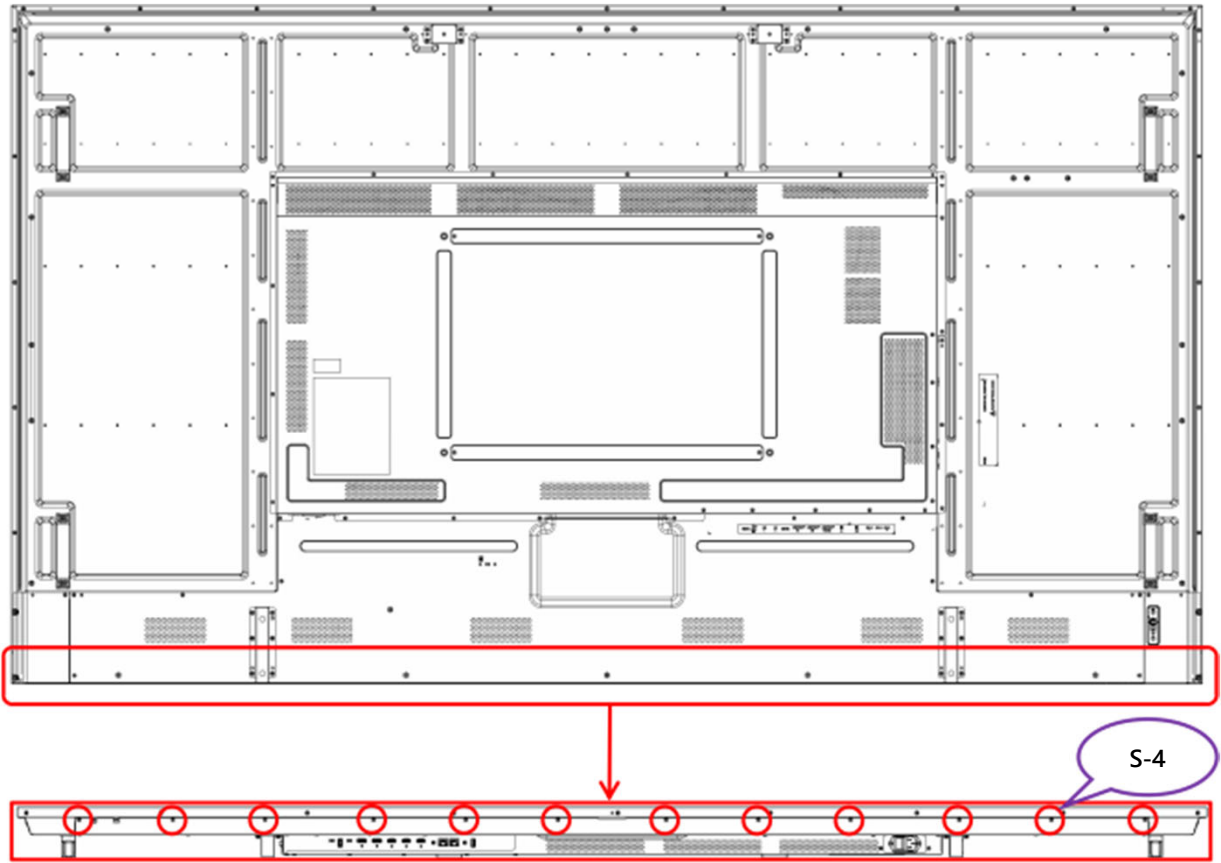
M-1: HANDLE

Fastening torque S-10:  $10 \pm 1 \text{kgf} \cdot \text{cm}$

2) Remove the REAR COVER

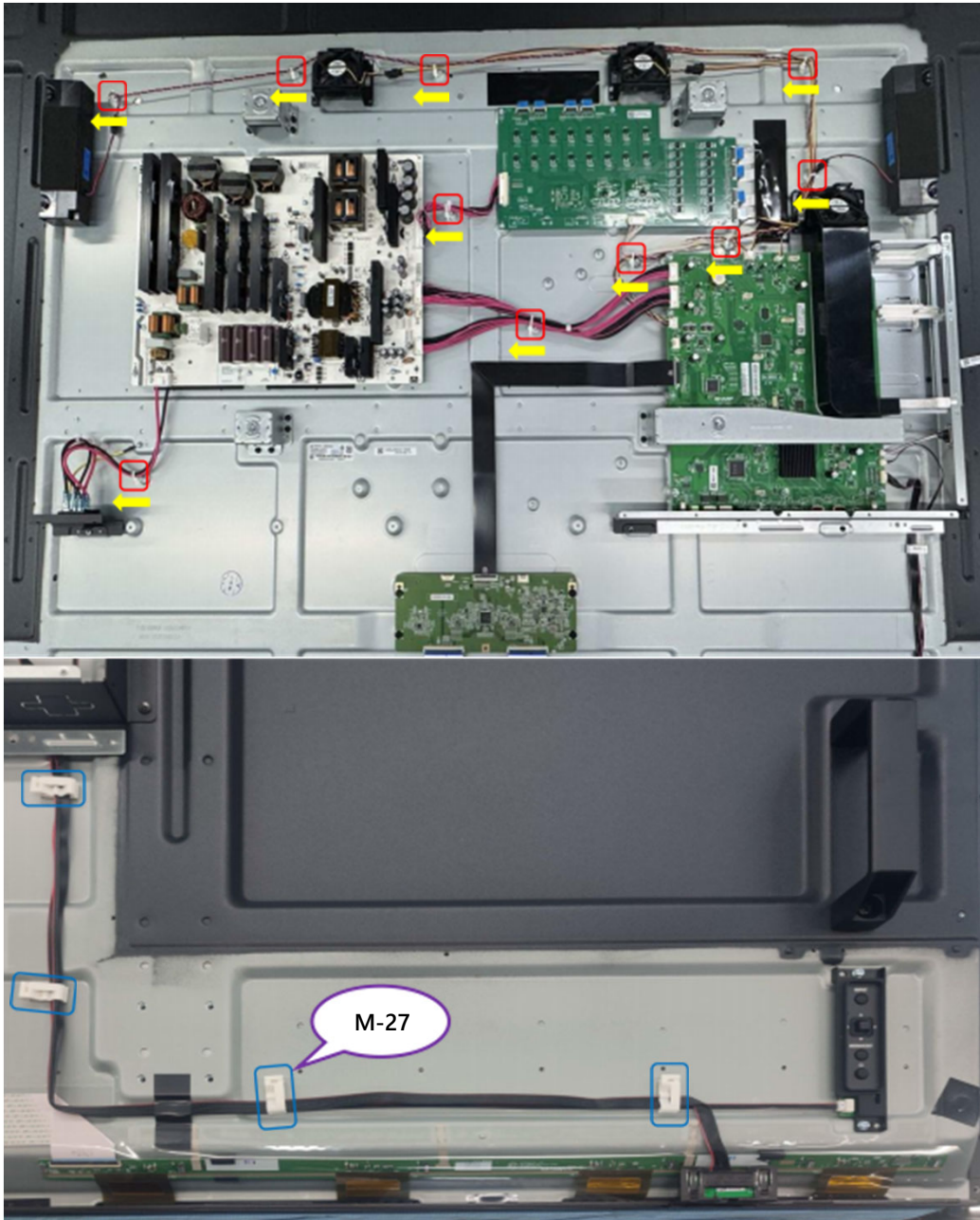


Fastening torque S-4:  $4 \pm 1 \text{kgf} \cdot \text{cm}$



Fastening torque S-4:  $4 \pm 1 \text{kgf} \cdot \text{cm}$

3) Remove the WIRE CLIP

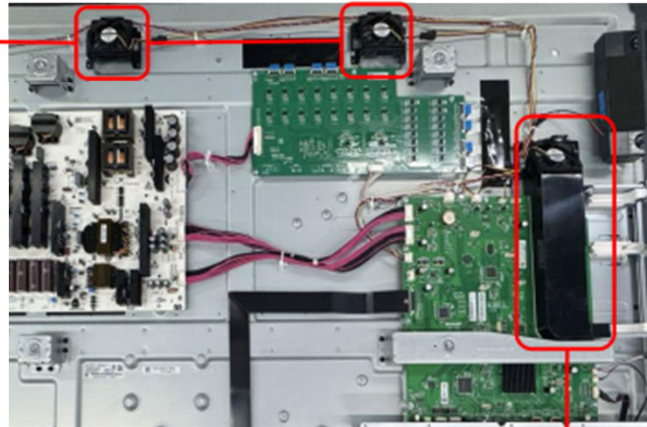
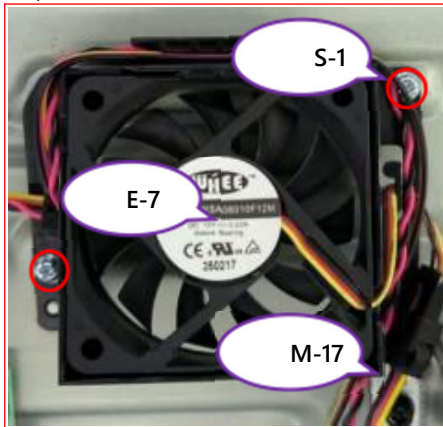


M-26: WIRE CLIP: Place the clip in the direction of the arrow from the screw.

M-27: WIRE CLIP: Place the clip in the direction of the arrow from the screw.

Fastening torque S-3:  $4 \pm 1 \text{ kgf} \cdot \text{cm}$

4) Remove the FAN



E-7, E-8: FAN

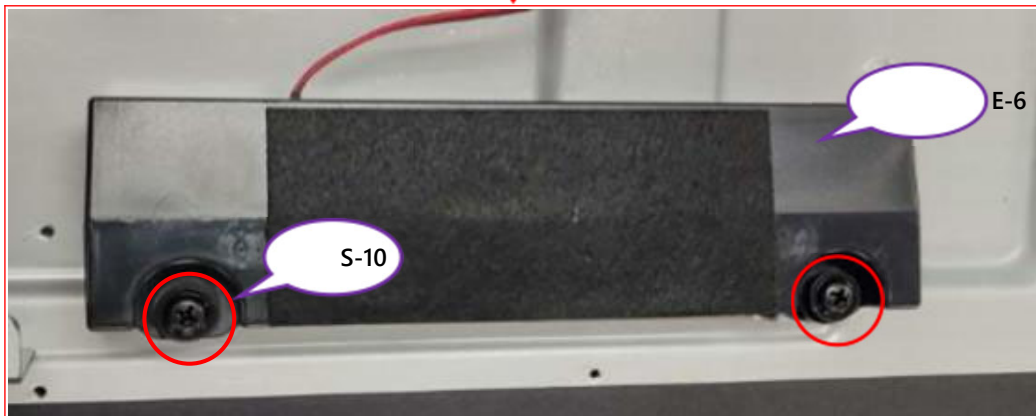
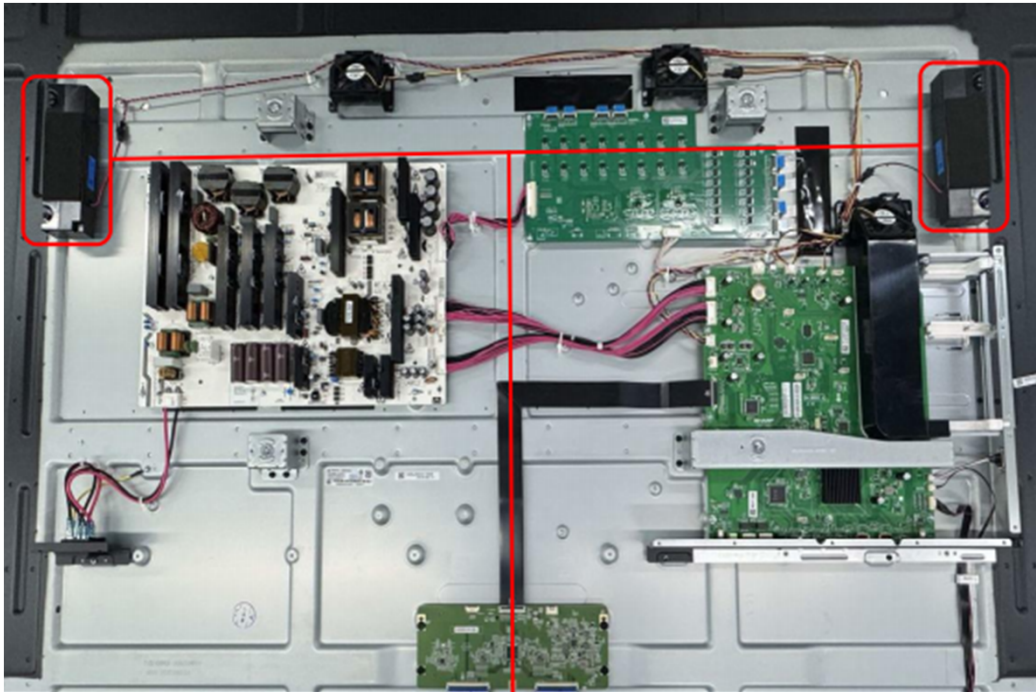
M-17: FAN BRACKET

M-18: DUCT BRACKET

Fastening torque S-1:  $4 \pm 1 \text{ kgf} \cdot \text{cm}$



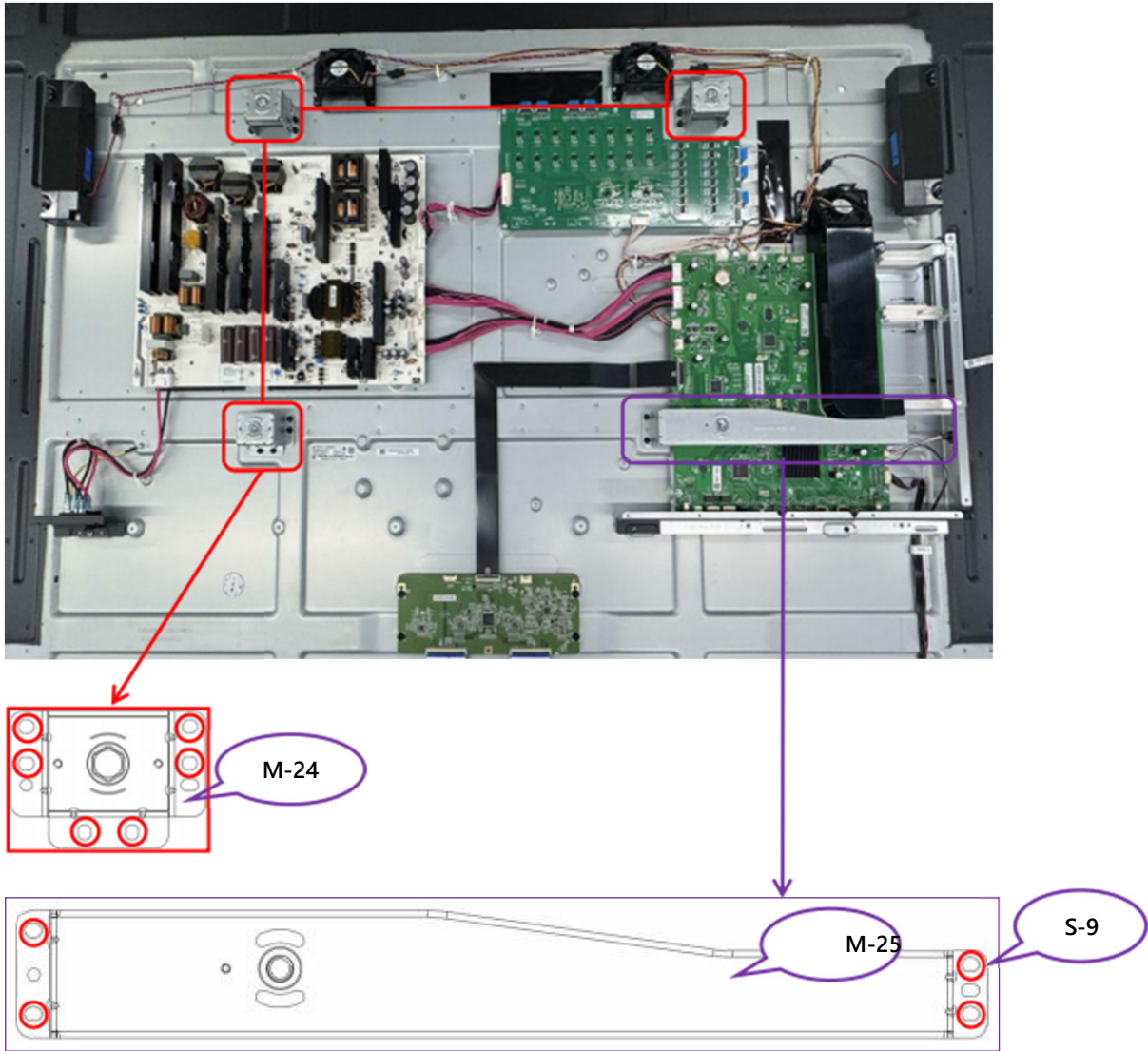
5) Remove the SPEAKER



E-6: SPEAKER

Fastening torque S-10:  $7 \pm 1 \text{ kgf} \cdot \text{cm}$

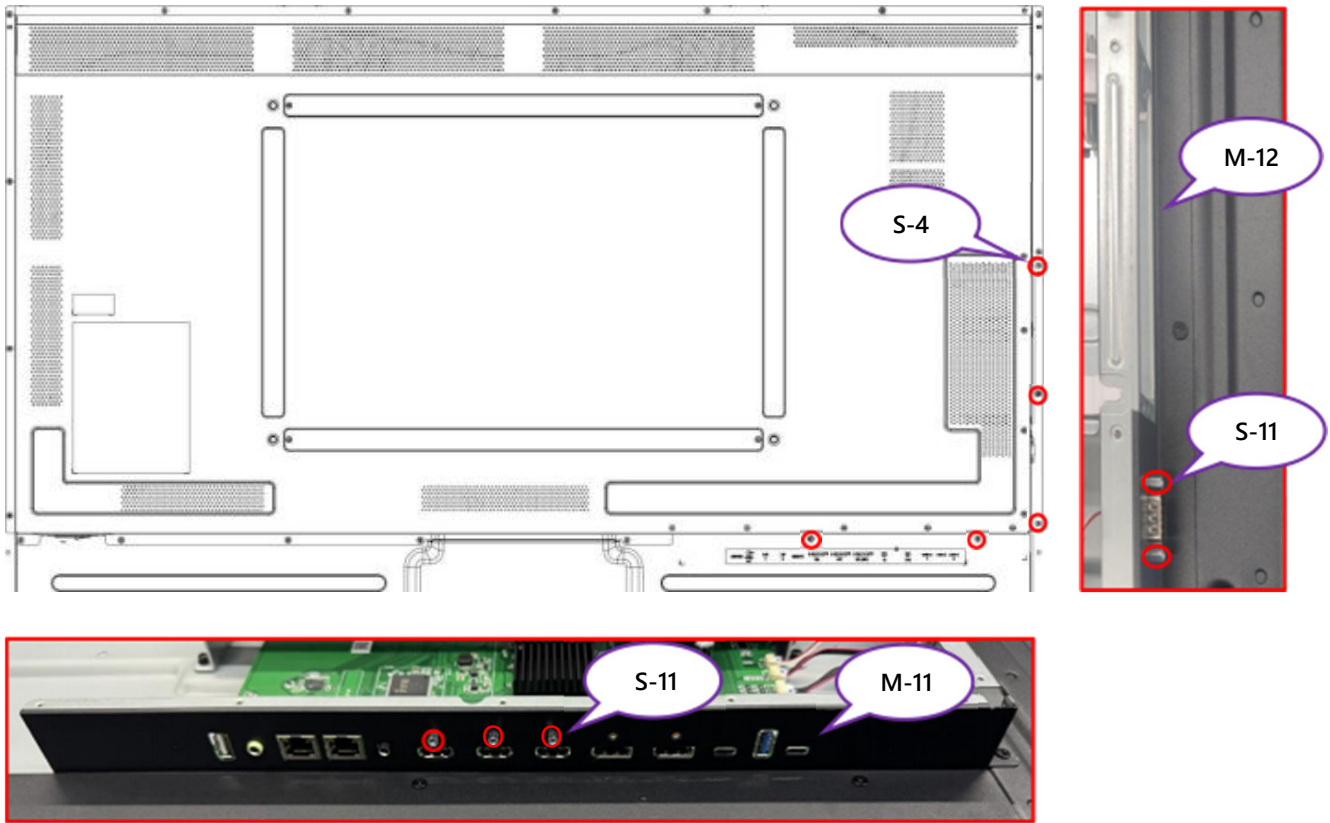
6) Remove the VESA BRACKET



M-24, M-25: VESA BRACKET

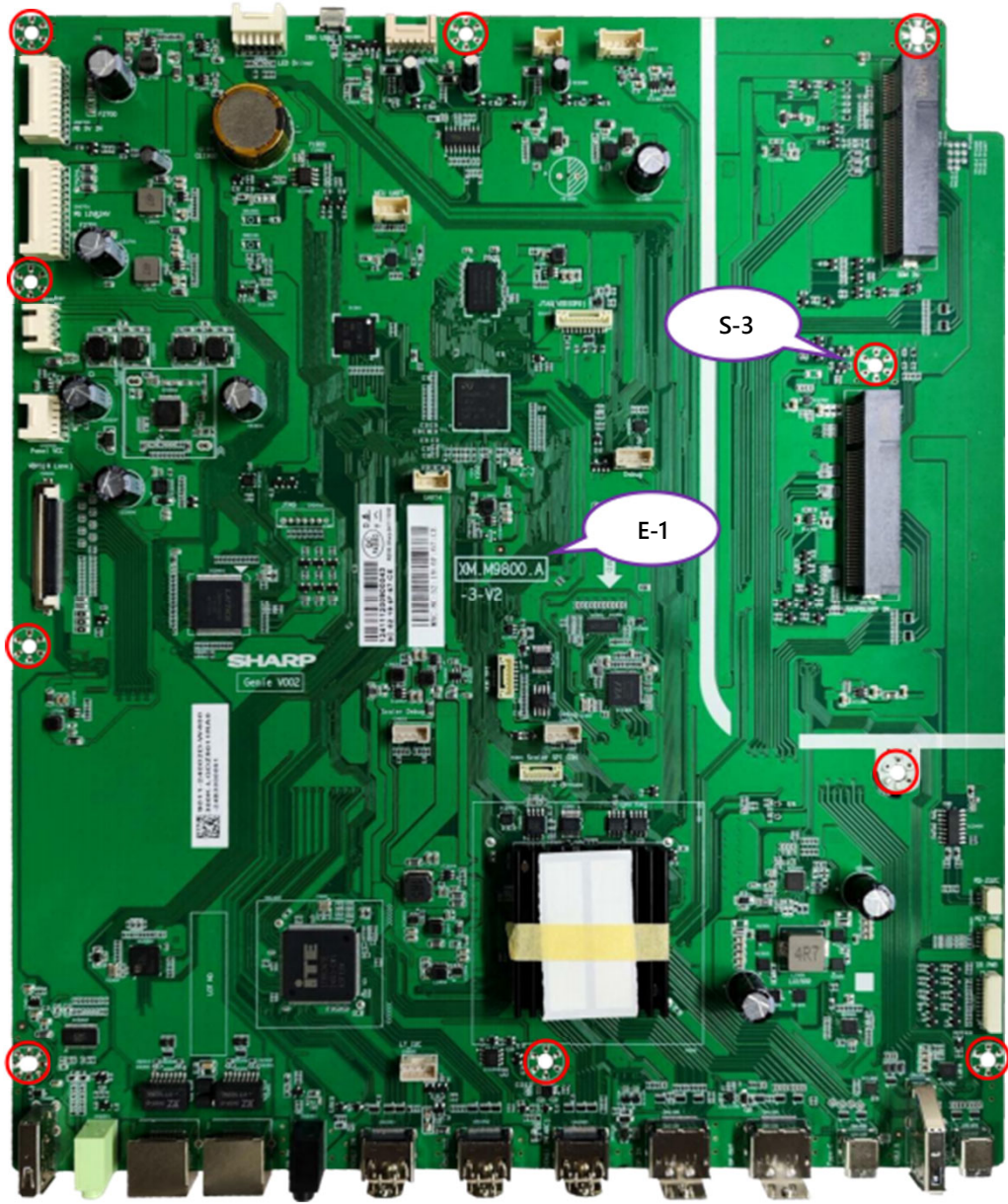
Fastening torque S-9:  $6 \pm 1 \text{kgf} \cdot \text{cm}$

7) Remove the MAIN PWB



M-11, M-12: I/O COVER

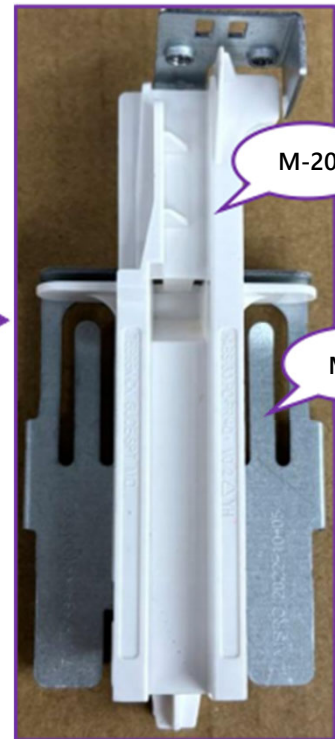
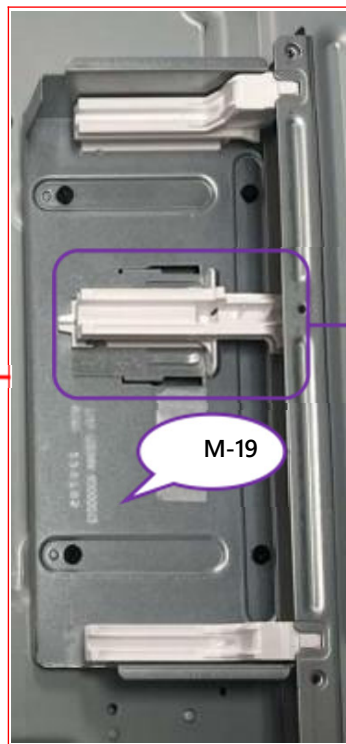
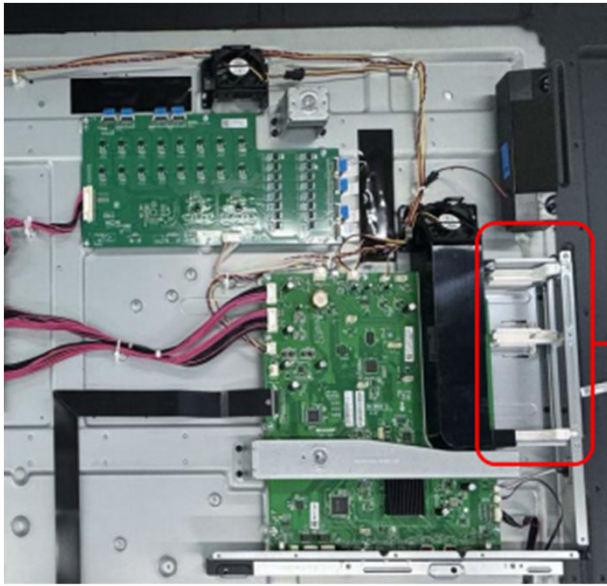
Fastening torque S-4, S-11:  $4 \pm 1 \text{kgf} \cdot \text{cm}$



E-1: MAIN PWB

Fastening torque S-3:  $4 \pm 1 \text{ kgf} \cdot \text{cm}$

8) Remove the GUIDE RAIL



M-19: STAND SUPPORT

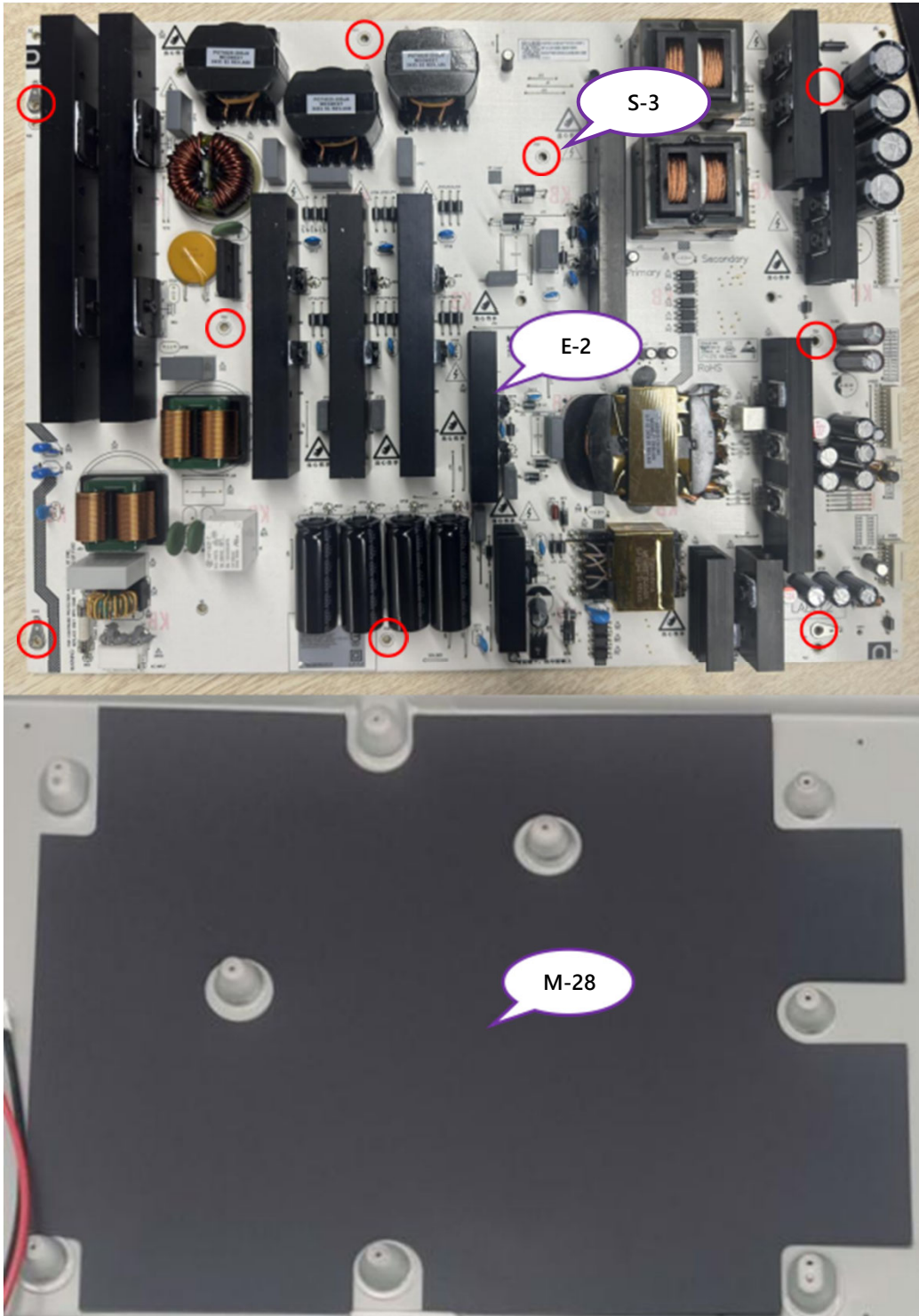
M-20: SMD RAIL BRACKET

M-21: SUPPORT BRACKET

M-22: GUIDE RAIL

Fastening torque S-4:  $5 \pm 1 \text{ kgf} \cdot \text{cm}$

9) Remove the POWER PWB

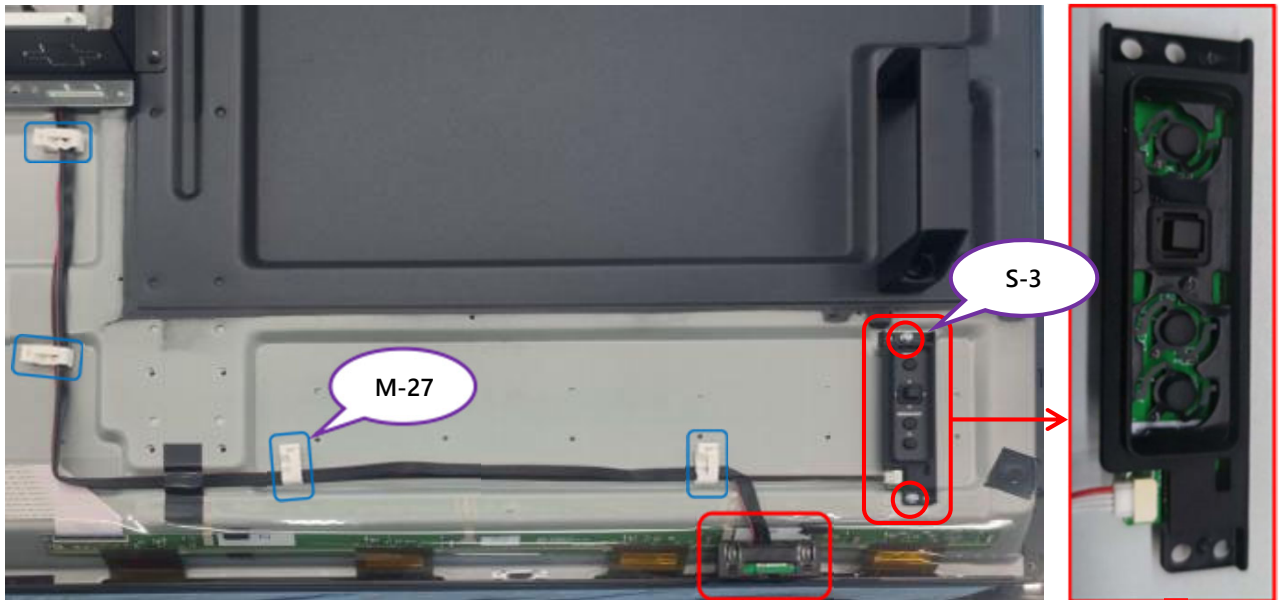


E-2: POWER PWB

M-28: INSULATING SHEET

Fastening torque S-3:  $5 \pm 1 \text{kgf} \cdot \text{cm}$

10) Remove the KEY PWB and IR PWB



E-4: KEY PWB

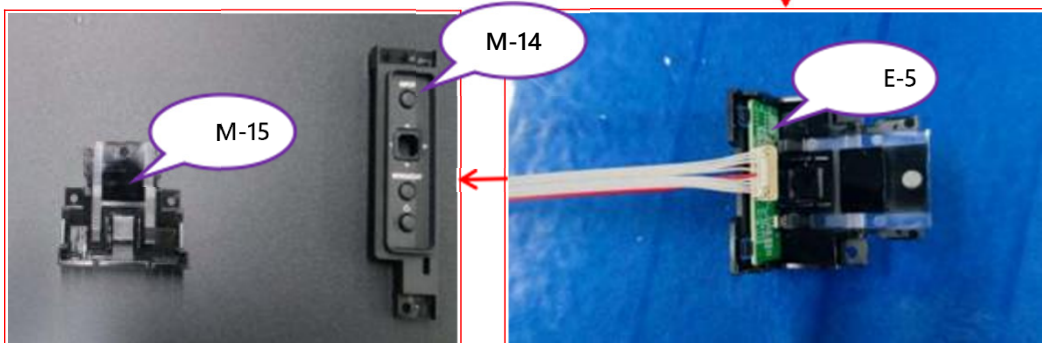
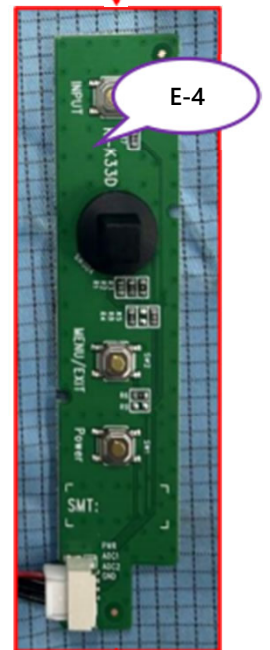
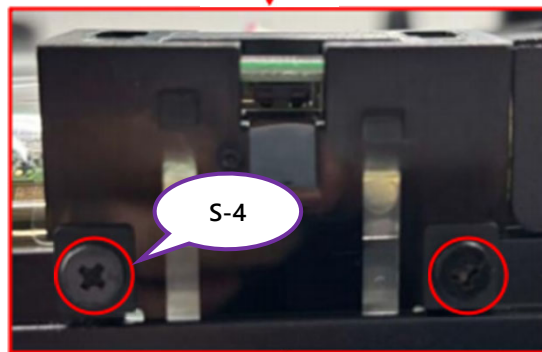
E-5: IR PWB

M-14: KEY BRACKET

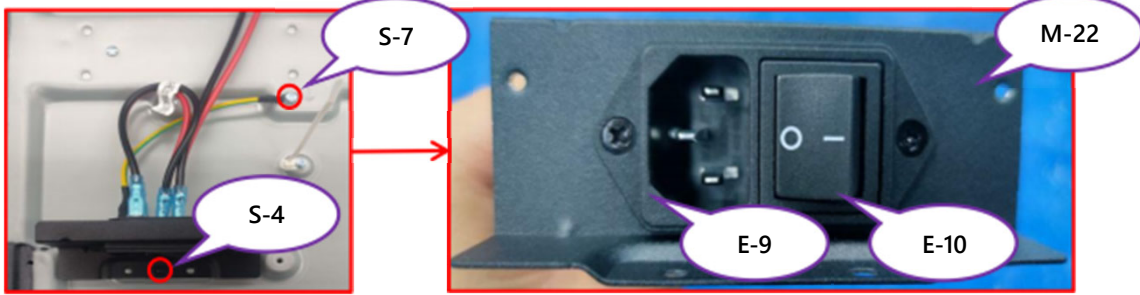
M-15: IR RECEIVER

M-27: WIRE CLIP

Fastening torque S-3, S-4:  $4 \pm 1 \text{kgf} \cdot \text{cm}$



11) Remove the AC INLET



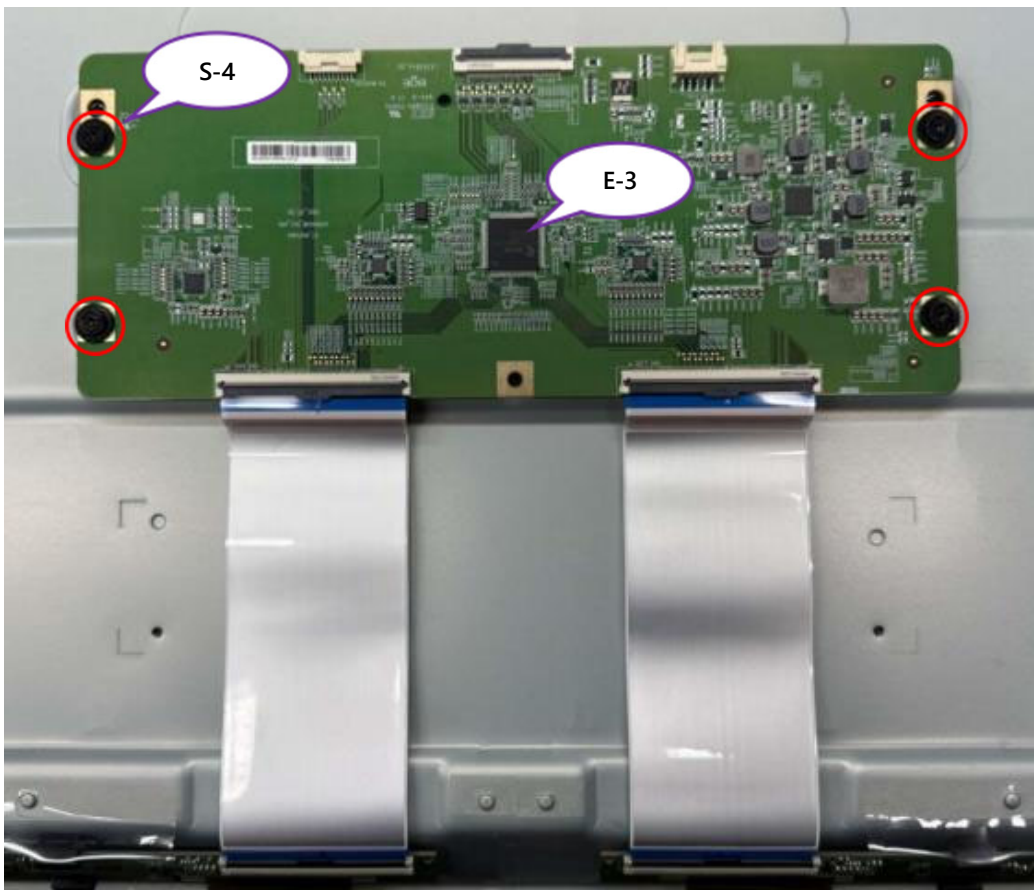
E-9: AC INLET

E-10: AC SWITCH

M-22: AC BRACKET

Fastening torque S-4, S-7:  $4 \pm 1 \text{kgf} \cdot \text{cm}$

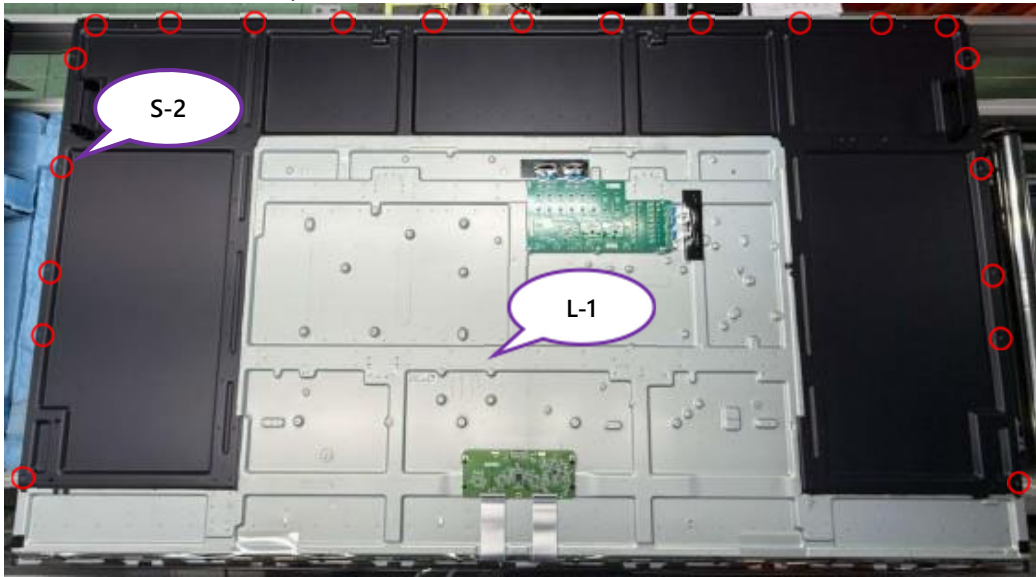
12) Remove the T-CON PWB



E-3: T-CON PWB

Fastening torque S-4:  $5 \pm 1 \text{kgf} \cdot \text{cm}$

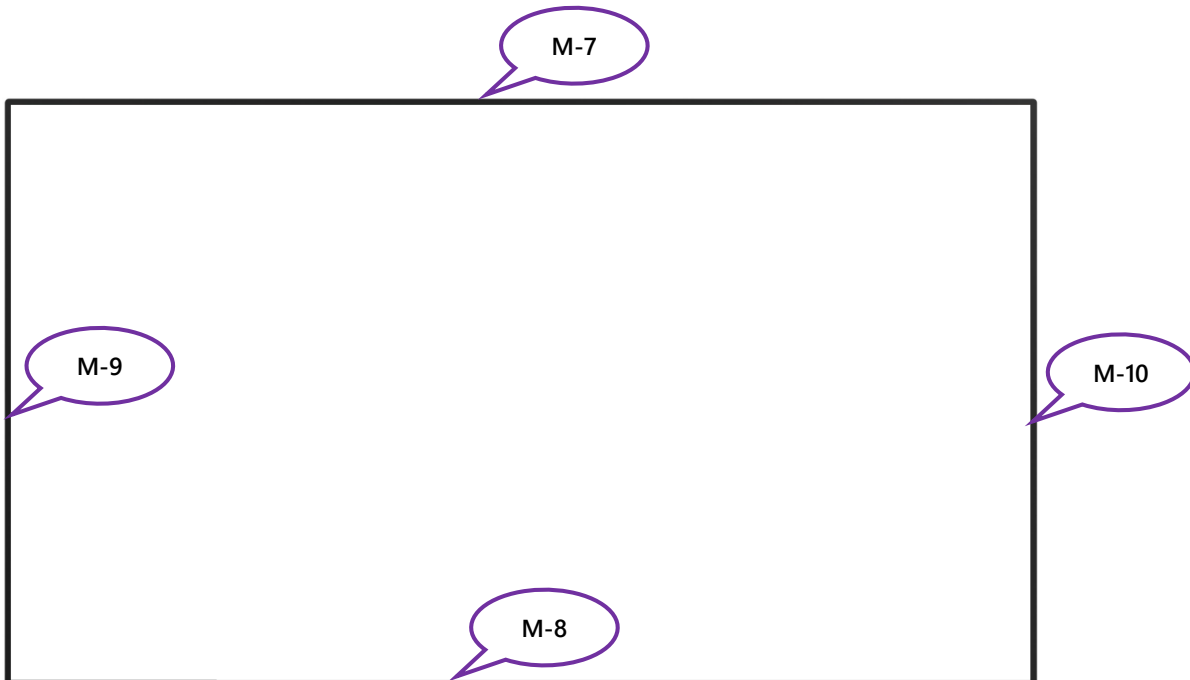
13) Remove from LCD panel to Bezel



L-1: LCD PANEL














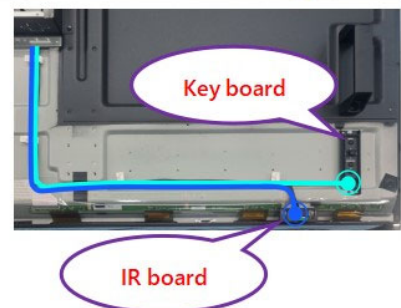
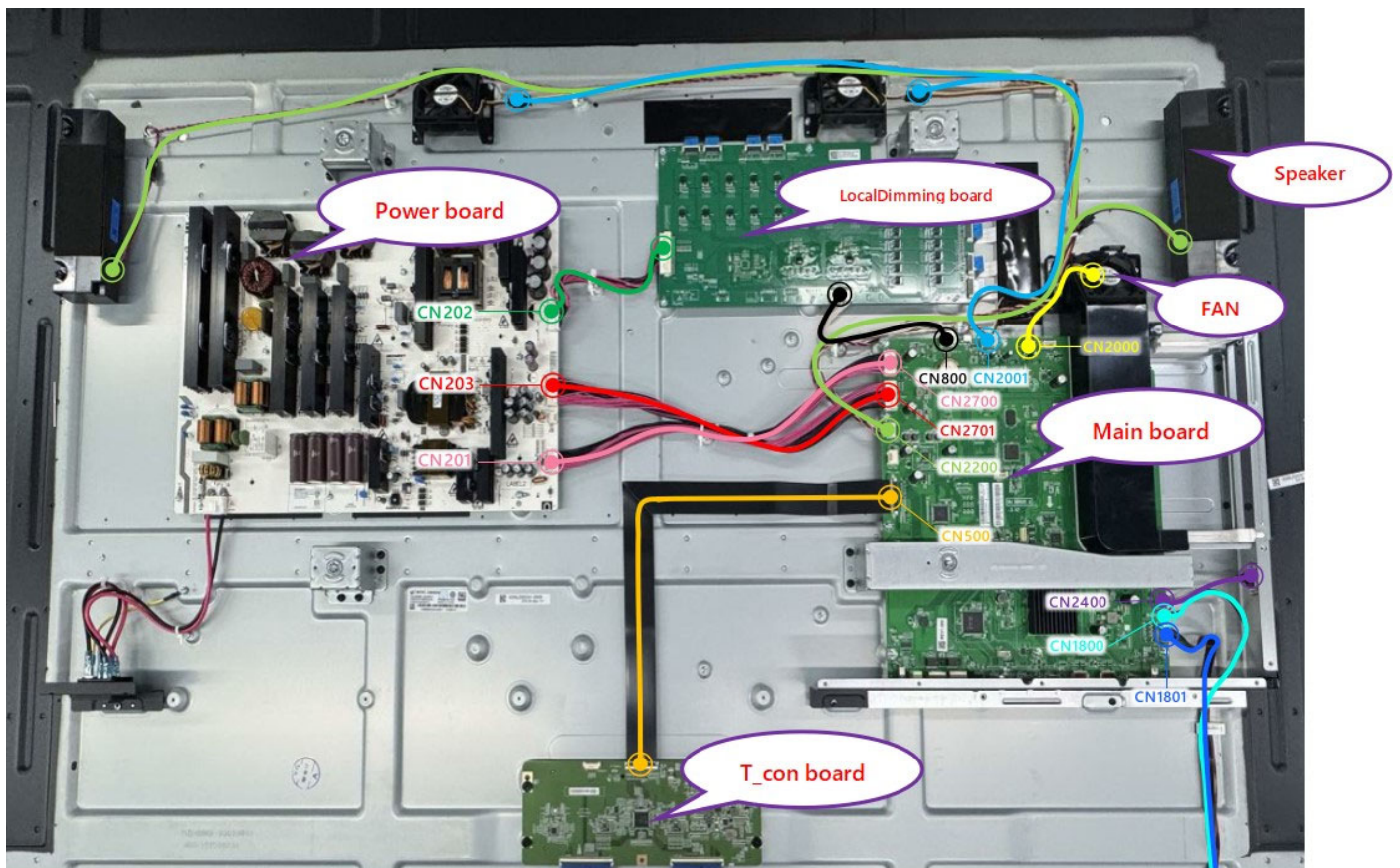
Fastening torque S-2:  $5 \pm 1 \text{ kgf} \cdot \text{cm}$



M-7, M-8, M-9, M-10: BEZEL

14) Wiring diagram

C1		CN2700 ↔ CN201
C2		CN2701 ↔ CN203
C3		CN2200 ↔ SPEAKER L/R
C4		CN500 ↔ T-CON Board
C5		CN800 ↔ LocalDimming board
C6		CN202 ↔ LocalDimming board
C7		CN2001 ↔ FAN2/3
C8		CN2000 ↔ FAN1
C9		CN2400 ↔ RS-232C
C10		CN1800 ↔ KEY board
C11		CN1801 ↔ IR board



## 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