

Swan_soundbar_ assembly drawing for DVT3



ALT Co., Ltd.

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Ver.1.0

Issued by SH, SON

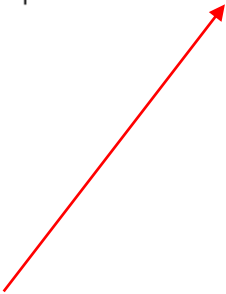
- Change the screw locking torque : $3.5 \pm 0.5 \text{ kgf*cm}$

-> Under M3*8 screw : $3.5 \pm 0.5 \text{ kgf*cm}$ -> $5.4 \sim 6 \text{ kgf*cm}$

-> Over M3*10 screw : $3.5 \pm 0.5 \text{ kgf*cm}$ -> $6 \sim 6.6 \text{ kgf*cm}$

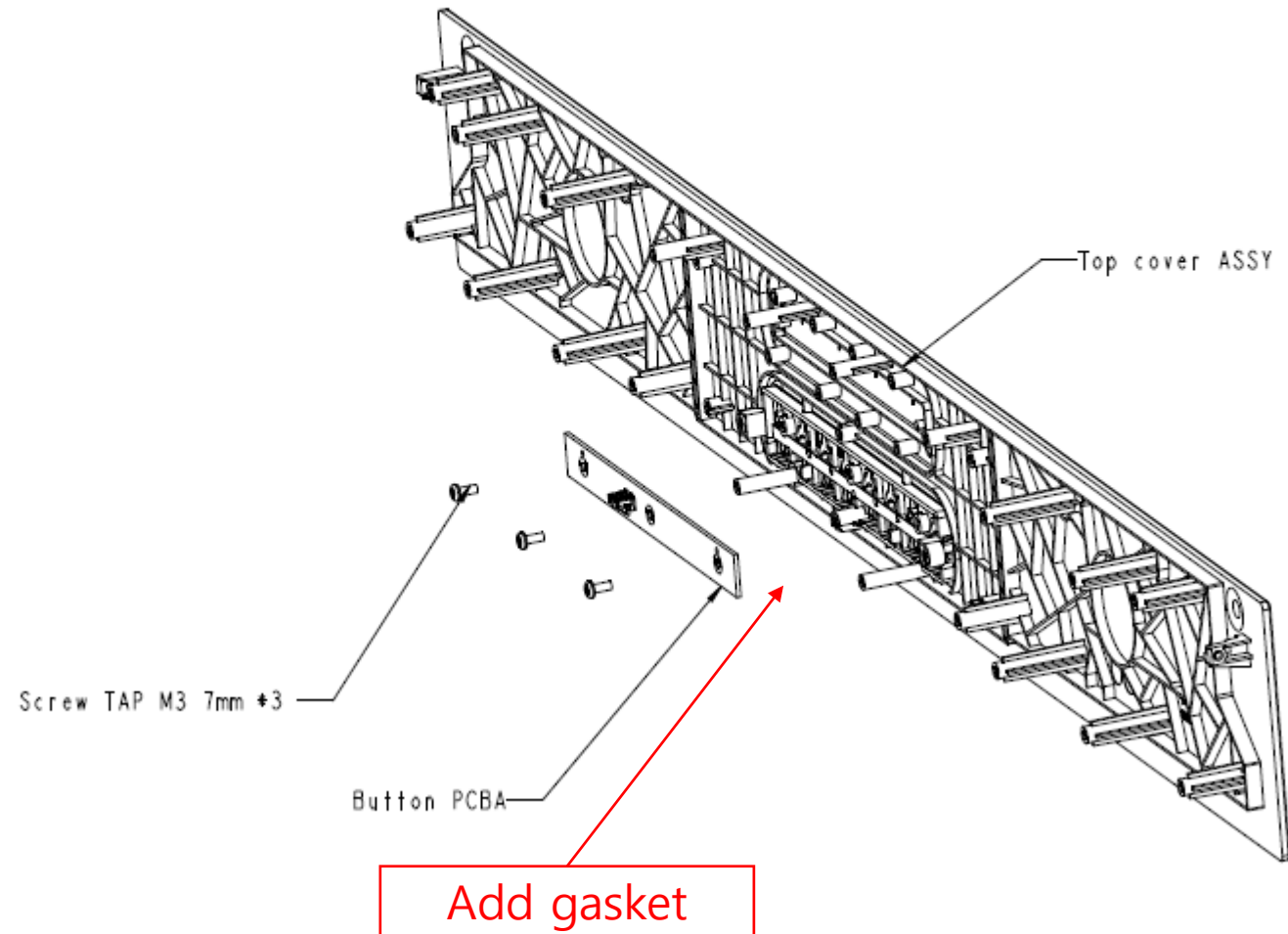
-> apply all of locking with mold. Because, high torque is better for sound product of air leakage

Step 1: Fix the Button PCBA to Button function with 3 screws.
Locking torque: $3.5 \pm 0.5 \text{ kgf*cm}$



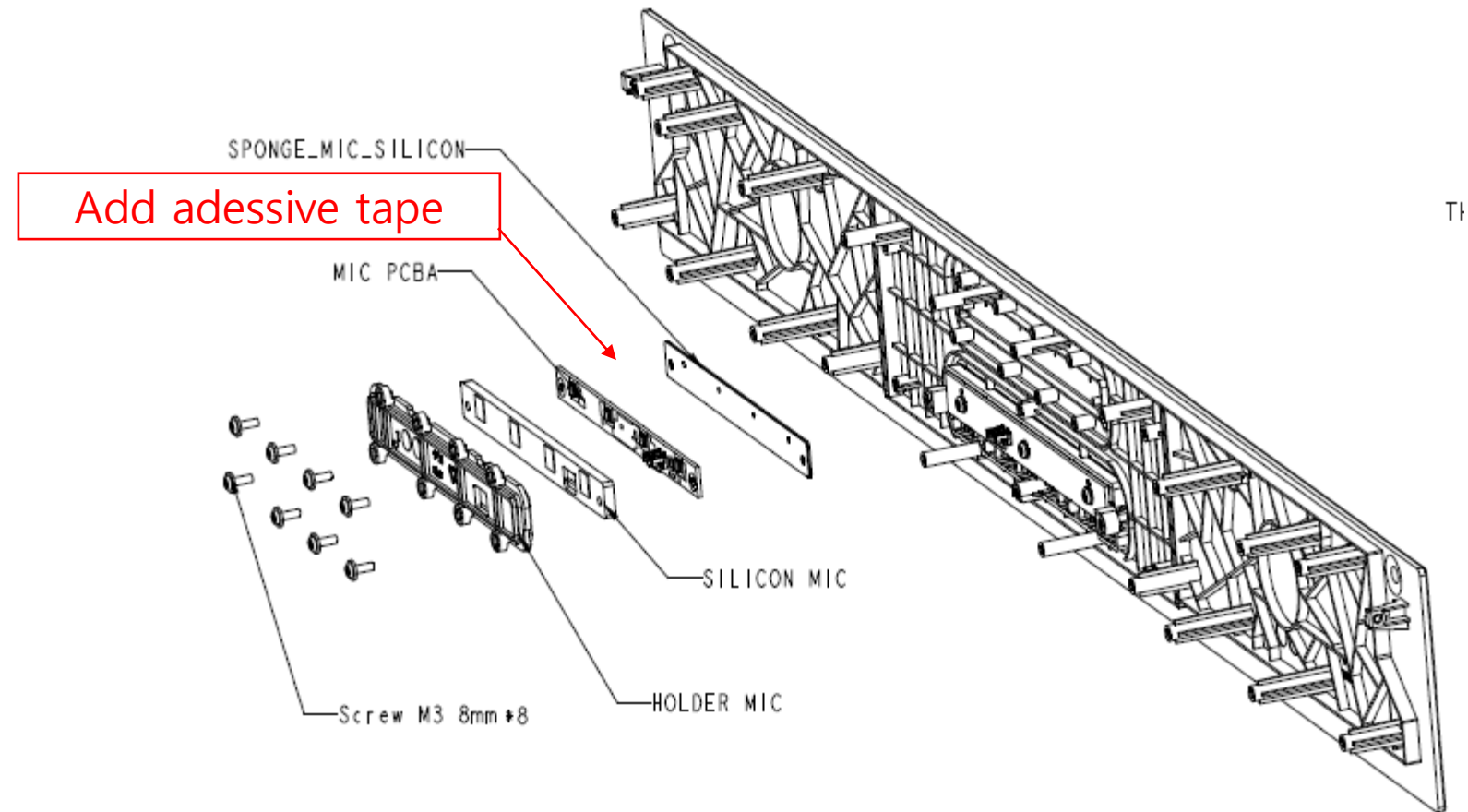
Step 1: Fix the Button PCBA to Button function with 3 screws.
Locking torque: 3.5 ± 0.5 kgf*cm

- Please add the gasket between button tact sw and key knob



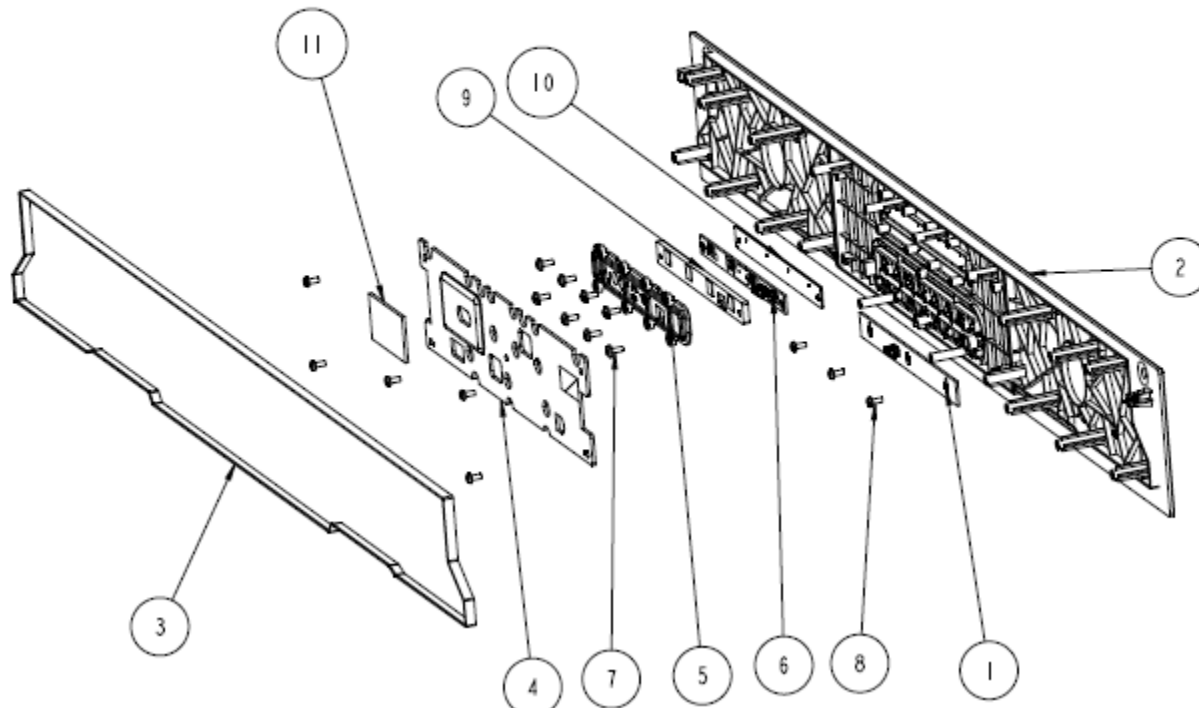
Step 2: Assemble rubber-MIC PCBA-holder on Top cover as shown below,
and fix the holder to Top function with 8 screws.
Locking torque: 3.5 ± 0.5 kgf*cm

- Please add the adhesive tape



- Typo screw q'ty : check again Item8

Top cover Assembly

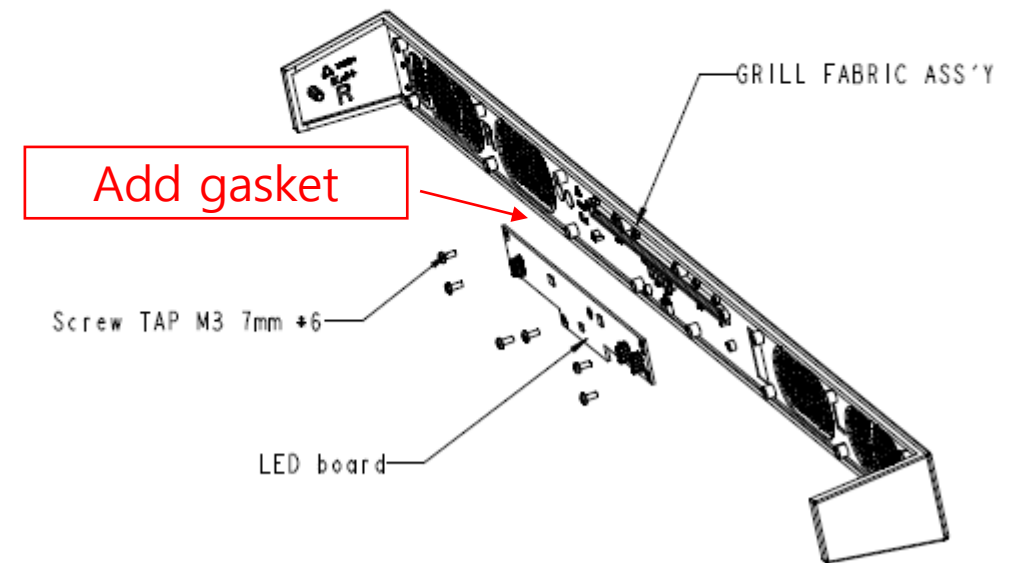


Check Q'ty

11	THERMAL_PAD_AMP_IC_2	1	
10	SPONGE_MIC_SILICON_ASSY	1	
9	SILICON_MIC_RUBBER	1	
8	SCREW_TTS_3_7	8	
7	SCREW_M3X8	8	
6	MIC_PCB_LINEAR_ASSY	1	
5	HOLDER_BRACKET_MIC_UA300_0330	1	
4	HEATSPREADER_AMP_BOTTOM_ASSY_	1	
3	GASKET_CASE_TOP	6	
2	CASE_TOP_ASM	1	
1	BUTTON_PCB_ASSY_	1	
ITEM	PART NAME	QTY	REMARK

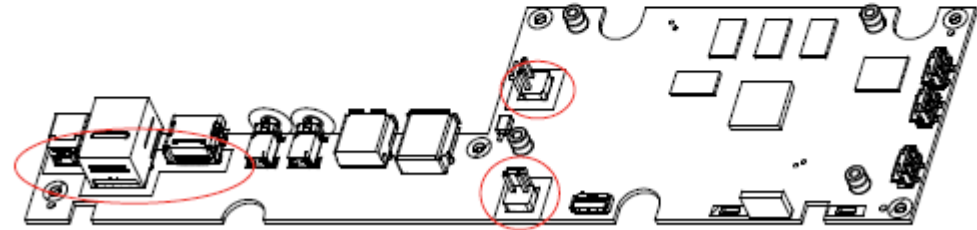
- Please add the gasket for LED

Step 5: Fix the LED Board to Grill Fabric ASS'Y with 6 screws.
Locking torque: 3.5 ± 0.5 kgf*cm



- Note a. .No capacitor on the SoC Board.
Please check again

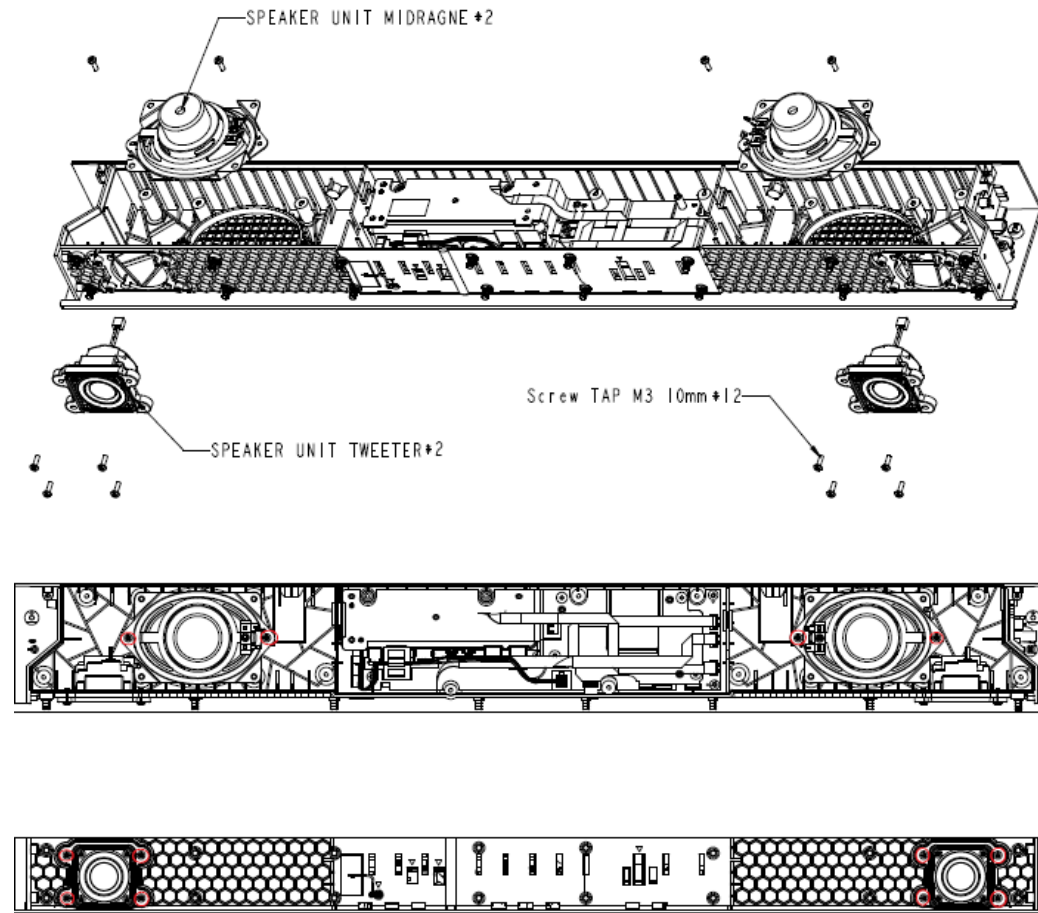
Note:
a. Fix the capacitor with glue.
b. Fix the cable-SOC-AMP-switch with glue.



- The assembly of speakers, Inkel and ALT is recommend move step 15 to step 10.

: First assemble the speaker is better to easy assembly and cable routing.

Step 15:
Fix the Speaker to Bottom cover with 12 screws as indicated..
Locking torque: 3.5 ± 0.5 kgf*cm

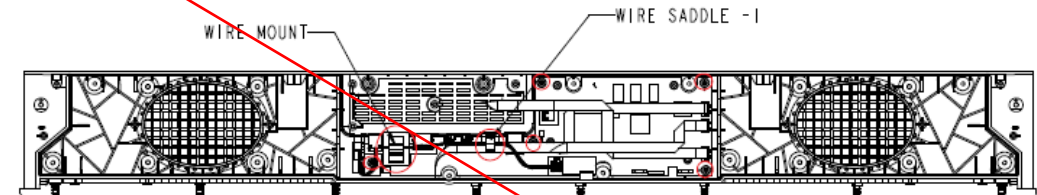
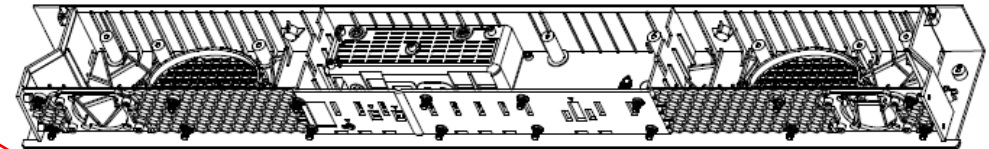
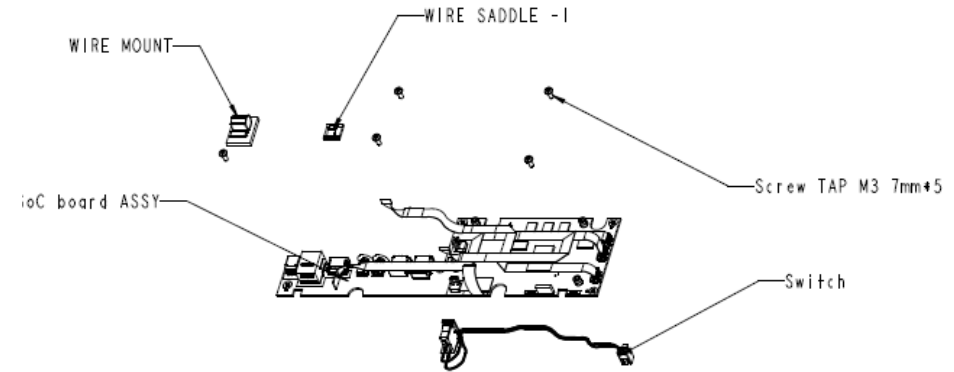


Step 12:

- Assemble the Switch to bottom cover.
- Fix the SoC board to bottomcover with 5 screws.
Locking torque: $3.5 \pm 0.5 \text{ kgf}\cdot\text{cm}$
- Stick the WIRE MOUNT and WIRE SADDLE-1 to SoC board.
- Snap the switch cable to SoC board as indicated.

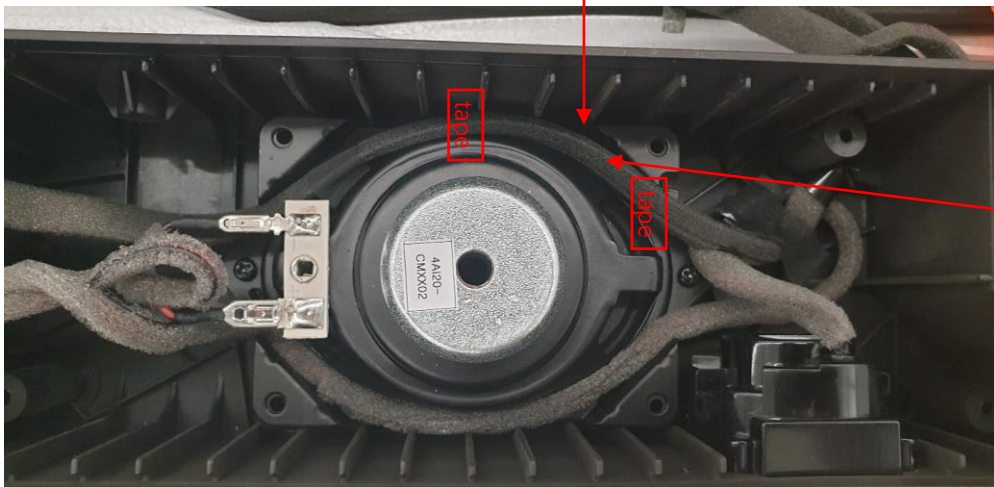
- To clearly Power switch directions.

: Power On is up side

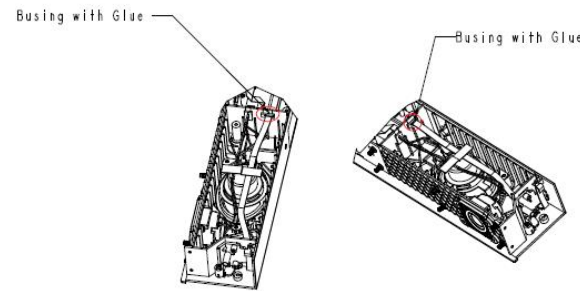
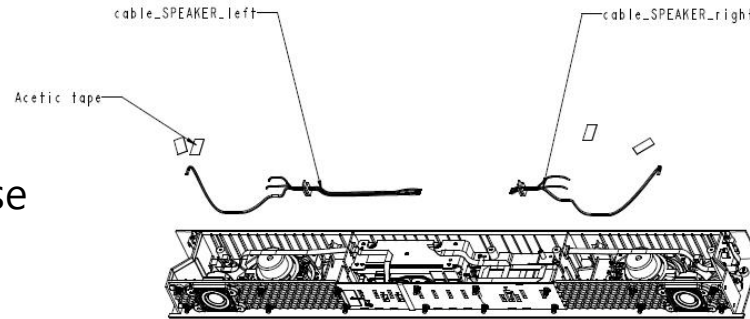


- Not recommend cable routing top of speaker magnet.
- Top of speaker magnet will be heat and vibrated area. It may make vibration noise
- Recommend FFC cable routing around woofer frame. Same as Speaker cable

Side LED FFC cable routing

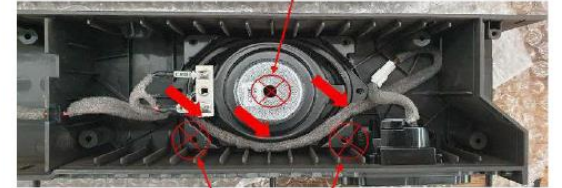


Step 16:
 a. Assemble the speaker cable to speaker.
 b. Fix the FFC cable and speaker cable to speaker with 4 Acetic tape as indicated.
 c. Assemble the Busing to bottom cover as indicated.
 d. Seal the Busing with glue.



Recommend this way to route full range speaker cable

Do not overlap woofer magnet center hole

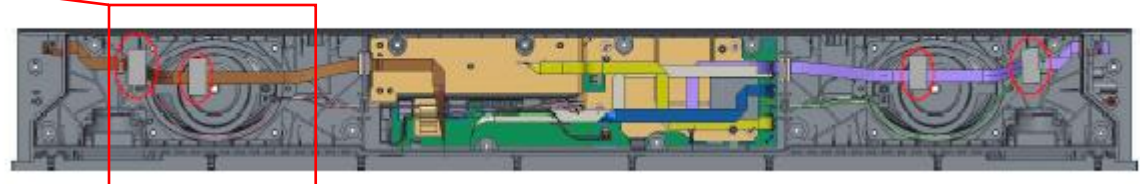
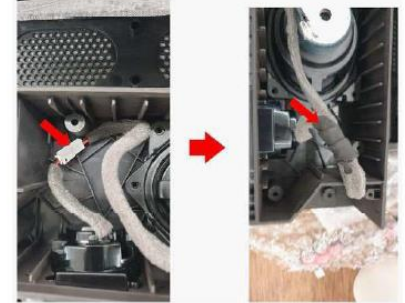


Do not overlap speaker cable for screw hole

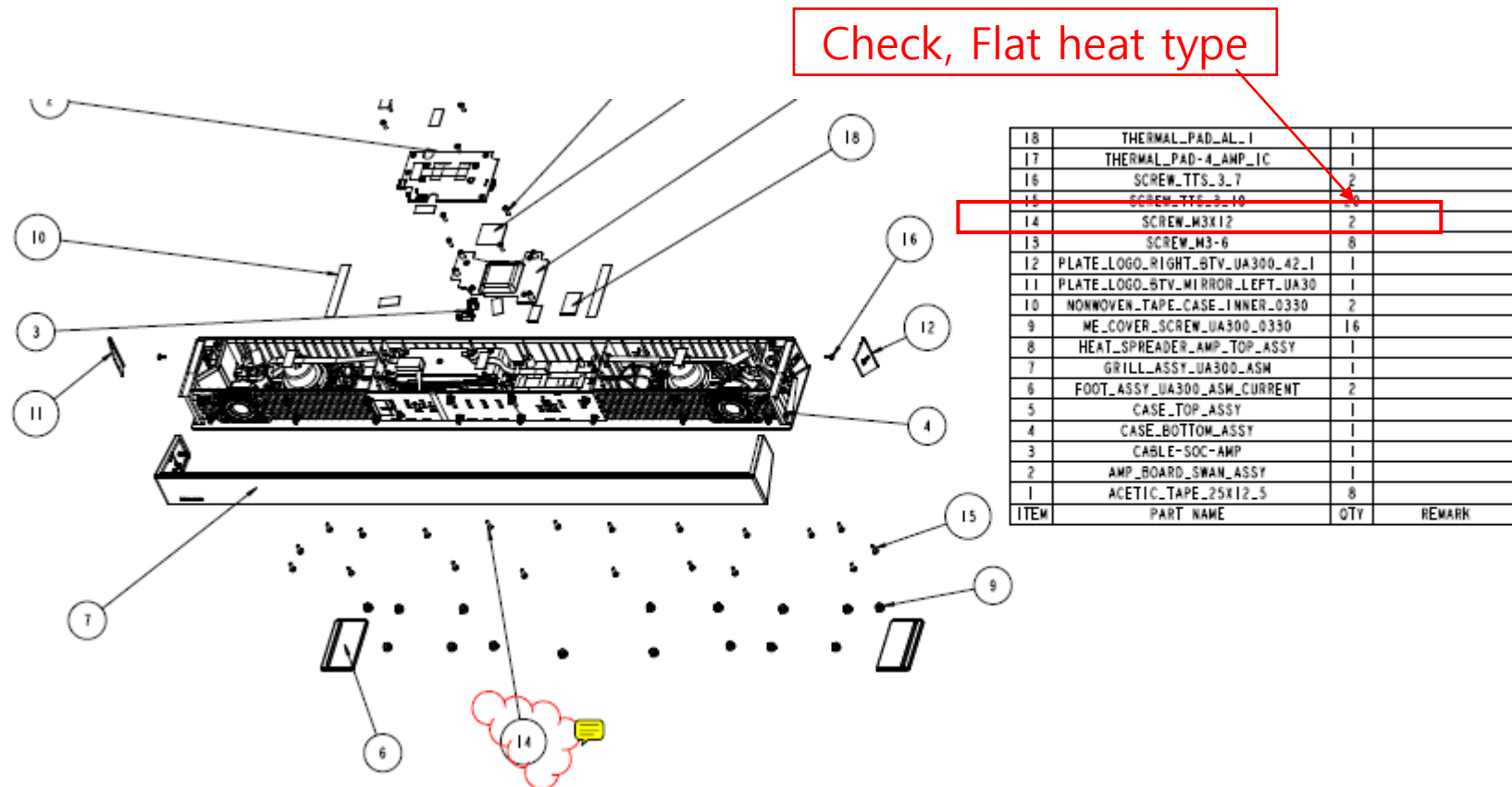
Full range speaker connector should be rapped after assembly

Use Sponge tape or Gasket

ALT recommended to use the remaining top gasket (484,00422,003)



- Item 14 : Should be apply Flat head type screw



- End of Documents