

BFX-UA300

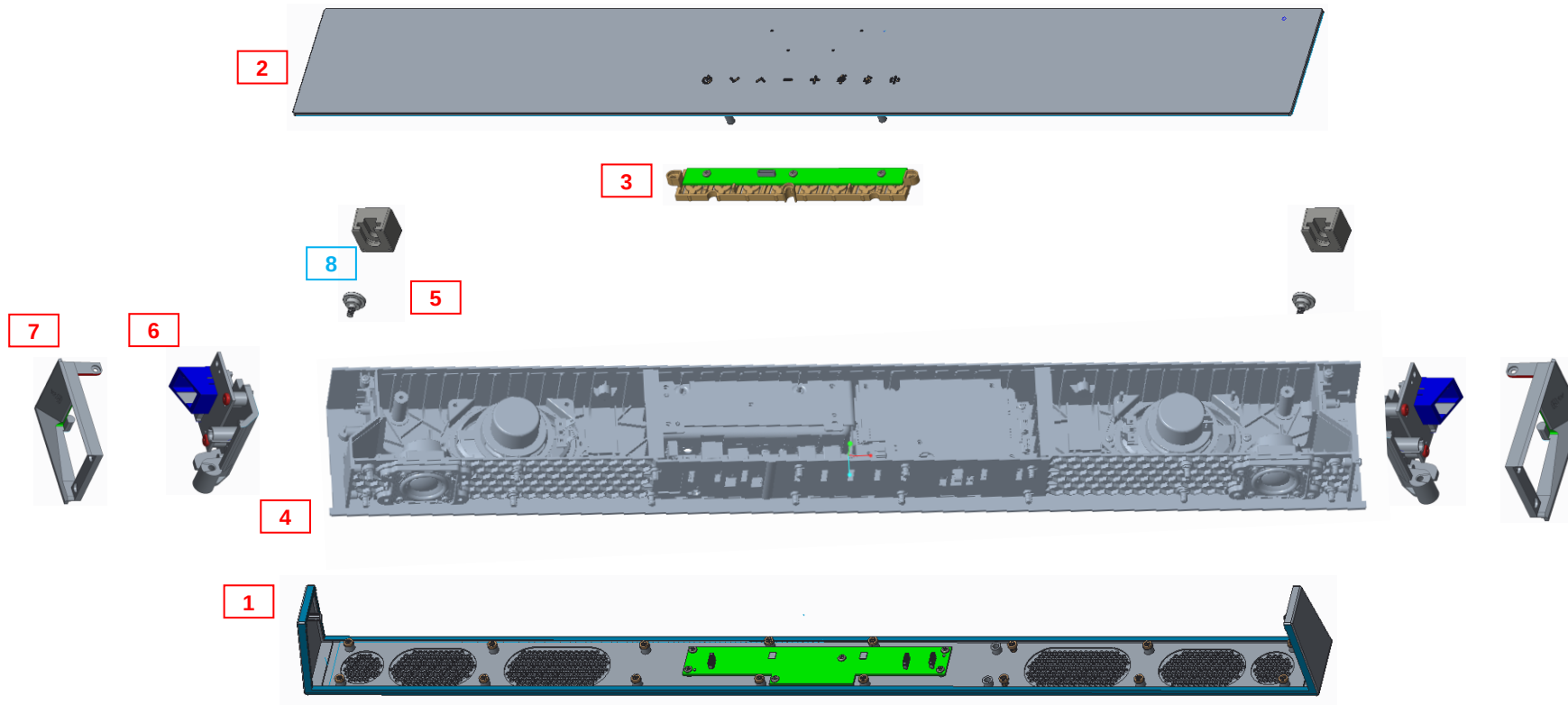
Assembly guide for DVT3

			SH, SON
First Update	2020.09.22	Last Update	2021.04.27

Overall structure

Exploded View (Total Ass'y)

$$\text{SET} = 1 + 2 + 3 + 4 + 5 + 6 + 7 + 8$$



BFX-UA300 Part List – 1. CASE TOP ASS'Y

BFX-UA300 Part List – 1. CASE TOP ASS'Y



Sub assembly

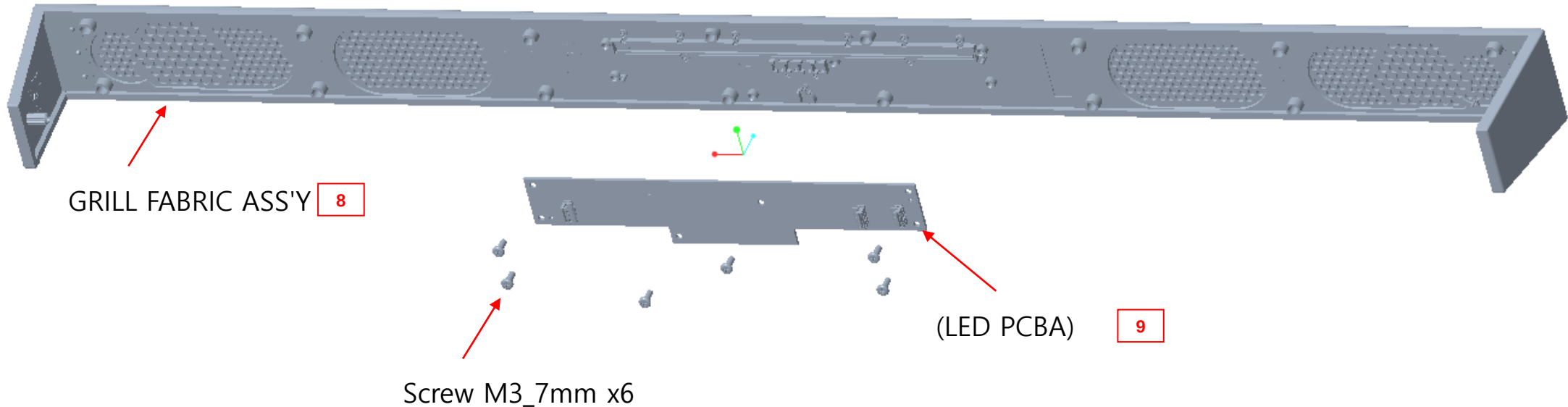
BFX-UA300 Part List – 1. CASE TOP ASS'Y

[illegible]

Sub assembly

BFX-UA300 Part List – 8. GRILL FABRIC ASS'Y

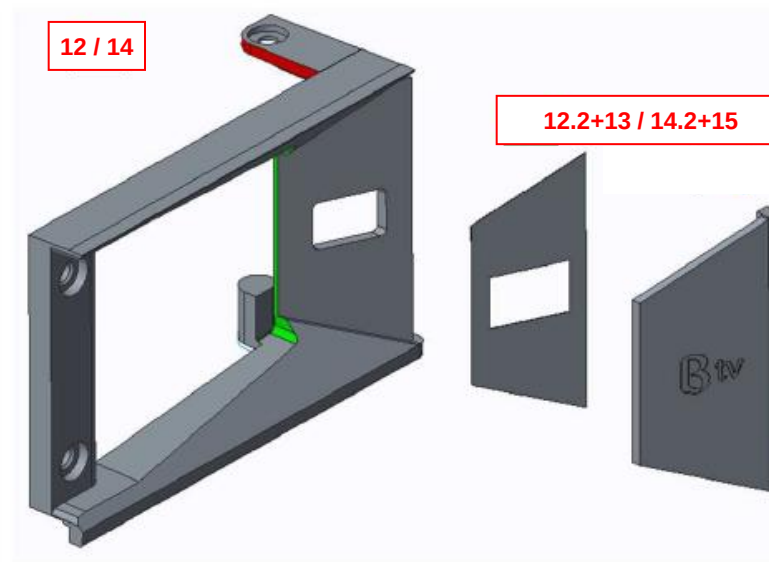
8			GRILL FABRIC ASS'Y	441.00994.005	3218-91300-001-0		1	EA		Inkel	Foxconn
1			(NET FRAME_MIDDLE)	#N/A	3210-21259-100-0V	ABS_V0_BLACK, ULTRASONIC WELDING	1	EA			
2			(NET FRAME_SIDE_RIGHT)	#N/A	3210-21260-100-0V	ABS_V0_BLACK, ULTRASONIC WELDING	1	EA			
3			(NET FRAME_SIDE_LEFT)	#N/A	3210-21261-100-0V	ABS_V0_BLACK, ULTRASONIC WELDING	1	EA			
4			(FABRIC_JERSEY)	#N/A	1260-21015-900-0V	POLYESTER, COLOR: TBD	1	EA			
5			(LENS_LED_STATUS)	#N/A	3710-21169-300-0V	PC_MILKY	1	EA			
6			(LENS_LED_GOOGLE)	#N/A	3710-21170-300-0V	PC_MILKY	1	EA			
7			(LENS_LED_NUGU)	#N/A	3710-21171-300-0V	PC_MILKY	1	EA			
8			(GLUE_FABRIC_JERSEY + NET FRAME ASS'Y)	#N/A		접착제도포 금지영역_LED 3종, IR 수신부		g			
10			(BADGE)	#N/A	5630-21100-800-0V	AL_HAIR LINE	1	EA			
9			(LED PCBA)	#N/A		ALT社 기록 요망	1	EA		Foxconn	



Sub assembly

BFX-UA300 Part List –12. Side Deco_Left / Right Ass'y

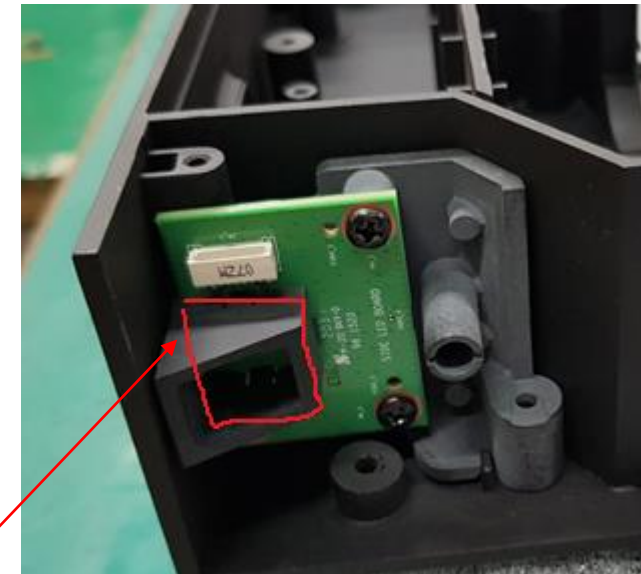
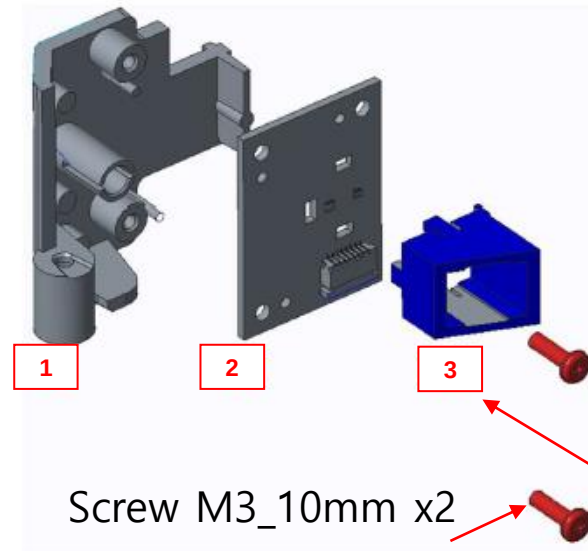
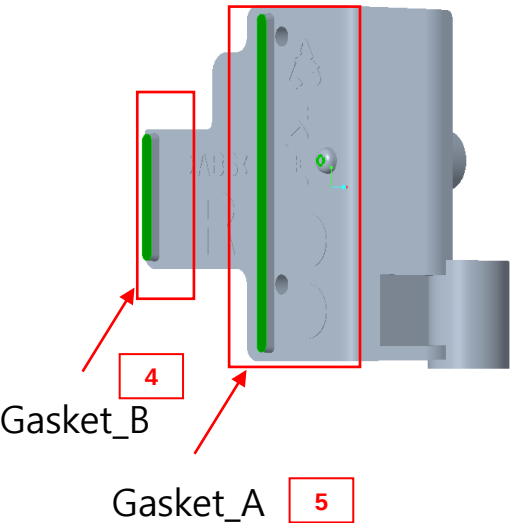
12				SIDE DECO RIGHT ASS'Y	#N/A	5128-91200-03-0		1	EA		Inkel	Foxconn
	1			(DECO SIDE RIGHT)	462.00055.005	5120-21107-100-0V	ABS_V0_BLACK, SPRAY	1	EA	Sub assembled	Inkel	
	2			(ADHESIVE DOUBLE SIDE RIGHT)	#N/A	1220-21258-900-0V	ADHESIVE_DOUBLE SIDED, T=0.2, BLACK, 3M社	1	EA			
13				PLATE BTV LOGO RIGHT	462.00057.005	3710-21172-300-0V	PC_MILKY, SPRAY_OUTER, LASER MARKING	1	EA		Inkel	
14				SIDE DECO LEFT ASS'Y		5128-91200-004-0		1	EA		Inkel	Foxconn
	1			(DECO SIDE LEFT)	462.00056.005	5120-21108-100-0V	ABS_V0_BLACK, SPRAY	1	EA	Sub assembled	Inkel	
	2			(ADHESIVE DOUBLE SIDE LEFT)		1220-21257-900-0V	ADHESIVE_DOUBLE SIDED, T=0.2, BLACK, 3M社	1	EA			
15				PLATE BTV LOGO LEFT	462.00058.005	3710-21173-300-0V	PC_MILKY, SPRAY_OUTER, LASER MARKING	1	EA		Inkel	



Sub assembly

BFX-UA300 Part List –16. SIDE LED RIGHT ASS'Y / 17. SIDE LED LEFT ASS'Y

16			SIDE LED RIGHT ASS'Y				1	EA		Foxconn
1			(BRACKET SIDE LED RIGHT)	446.00182.005	4010-21682-100-0V	ABS_V0_BLACK	1	EA	Inkel	
2			(SIDE LED PCBA)			ALT社 기록 요망	1	EA	Foxconn	
3			(LIGHT PIPE)	448.00328.005	1810-21003-100-0V	ABS_V0_BLACK	1	EA	Inkel	
4			(GASKET_A)	484.00429.005	4050-21740-500-0V	EVA_BLACK_ADHESIVE, T=1.0, 55 x 15	1	EA	Inkel	
5			(GASKET_B)	484.00430.005	4050-21741-500-0V	EVA_BLACK_ADHESIVE, T=1.0, 15 x 10	1	EA	Inkel	
17			SIDE LED LEFT ASS'Y				1	EA		Foxconn
1			(BRACKET SIDE LED LEFT)	446.00183.005	4010-21683-100-0V	ABS_V0_BLACK	1	EA	Inkel	
2			(SIDE LED PCBA)			ALT社 기록 요망	1	EA	Foxconn	
3			(LIGHT PIPE)	448.00328.005	1810-21003-100-0V	ABS_V0_BLACK	1	EA	Inkel	
4			(GASKET_A)	484.00429.005	4050-21740-500-0V	EVA_BLACK_ADHESIVE, T=1.0, 55 x 15	1	EA	Inkel	
5			(GASKET_B)	484.00430.005	4050-21741-500-0V	EVA_BLACK_ADHESIVE, T=1.0, 15 x 10	1	EA	Inkel	

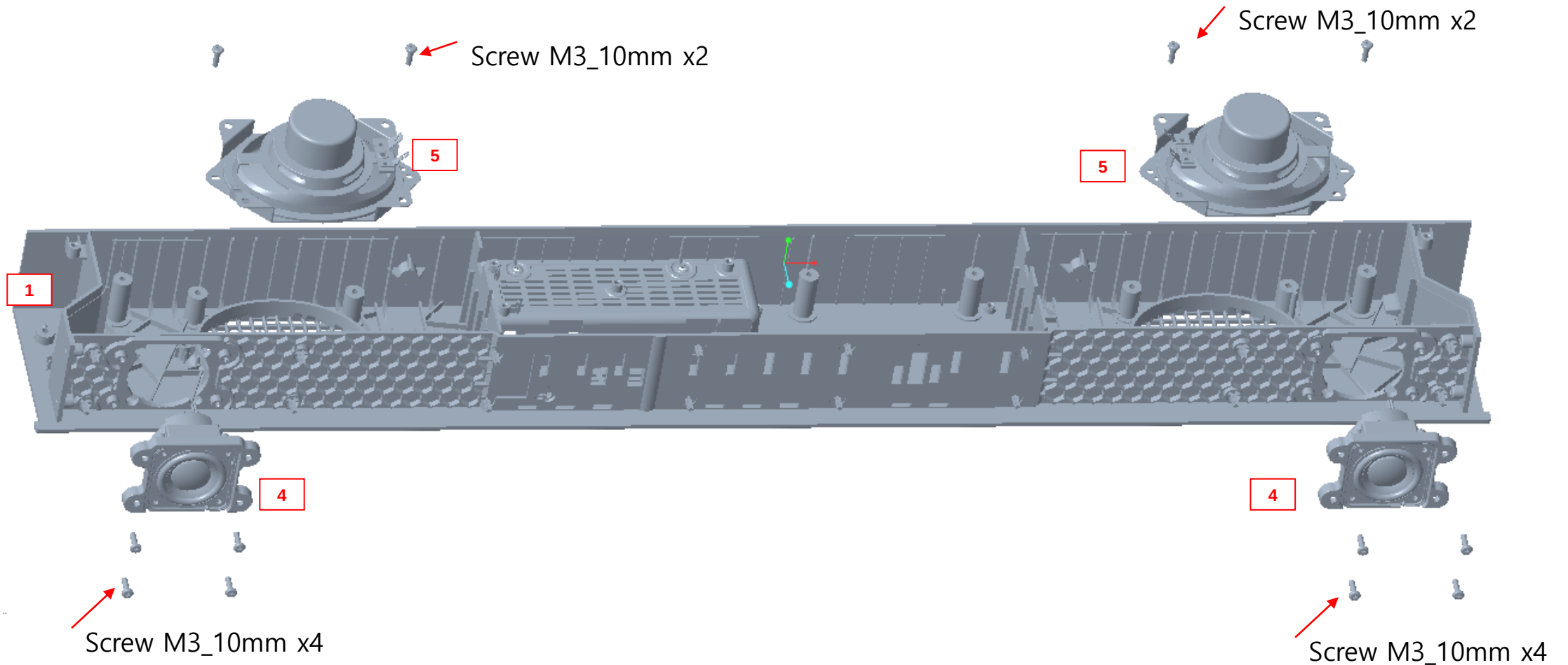


Gasket Note : Should be cover green area

Final assembly

1. Install the speaker and cables

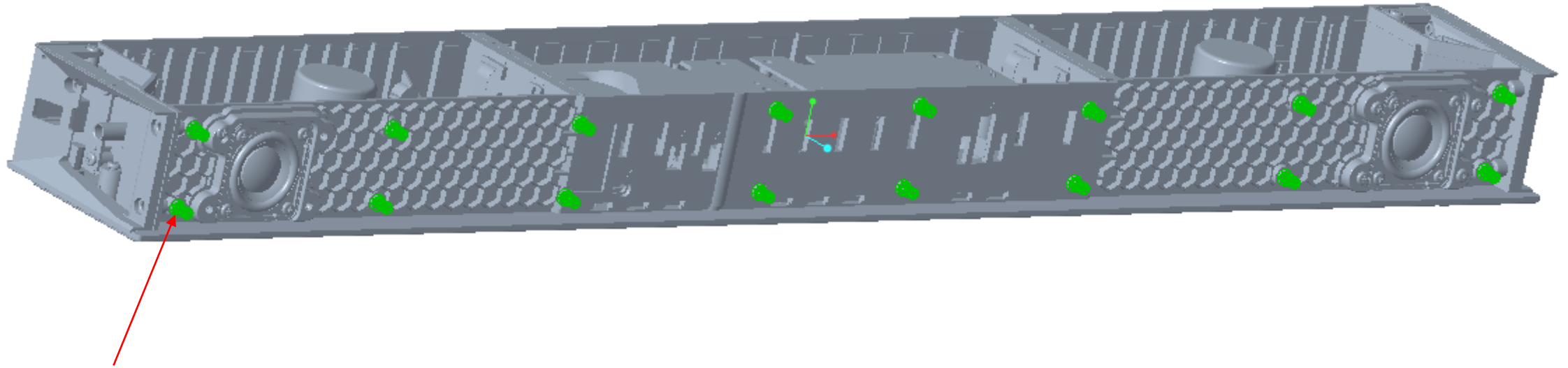
2			CASE BOTTOM ASS'Y	443.00726.005	3008-91100-001-0		1	EA
	1		(CASE BOTTOM)	#N/A	3030-21211-100-0V	ABS_V0_BLACK, SILK PRINT 1도, SPRAY	1	EA
	4		AI2MAX Full range	352.00188.005LT	4AI20-CMXX03	ALT社 기록 요망, COVER_PC Black_난연	2	EA
	5		AI2MAX Woofer	352.00189.005LT	4AI20-CMXX02	ALT社 기록 요망	2	EA
	9		AI2MAX R ch cable ass'y	377.00300.005LT	4AI20-CMXX04	내부포선_BUSHING, SPONGE포함	1	EA
	10		AI2MAX L ch cable ass'y	377.00301.005LT	4AI20-CMXX05	내부포선_BUSHING, SPONGE포함	1	EA



Final assembly

1. Install the speaker and cables

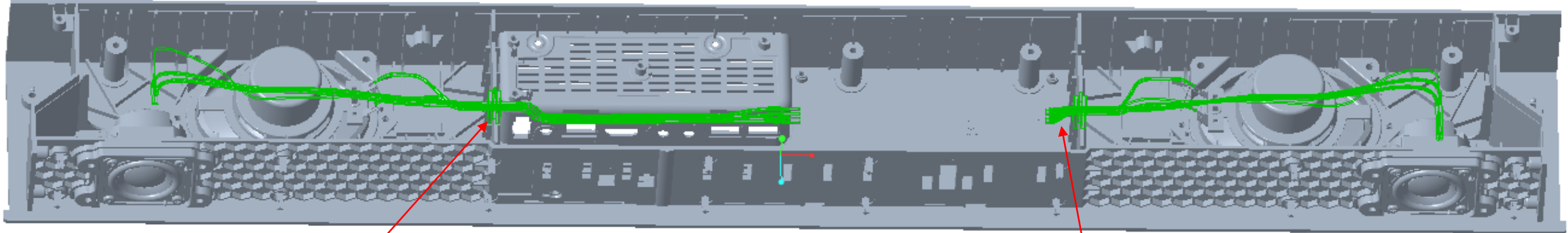
2	(HOLDER GRILL)	#N/A	4320-21156-500-0V	TPE_BLACK, HARDNESS 20
---	----------------	------	-------------------	------------------------



Holder grill Note : this part is sub assembled from Inkel. Please be careful not to lose parts

Final assembly

1. Install the speaker and cables



10

10		AI2MAX L ch cable ass'y	377.00301.005LT	4AI20-CMXX05
----	--	-------------------------	-----------------	--------------

9

9		AI2MAX R ch cable ass'y	377.00300.005LT	4AI20-CMXX04
---	--	-------------------------	-----------------	--------------

Final assembly

2. assemble Side LED bracket

12					SIDE DECO RIGHT ASS'Y	#N/A	5128-91200-03-0
14					SIDE DECO LEFT ASS'Y	#N/A	5128-91200-004-0

Screw M3_10mm x1

16					SIDE LED RIGHT ASS'Y
17					SIDE LED LEFT ASS'Y

16 17

Side led bushing

Screw M3_10mm x1

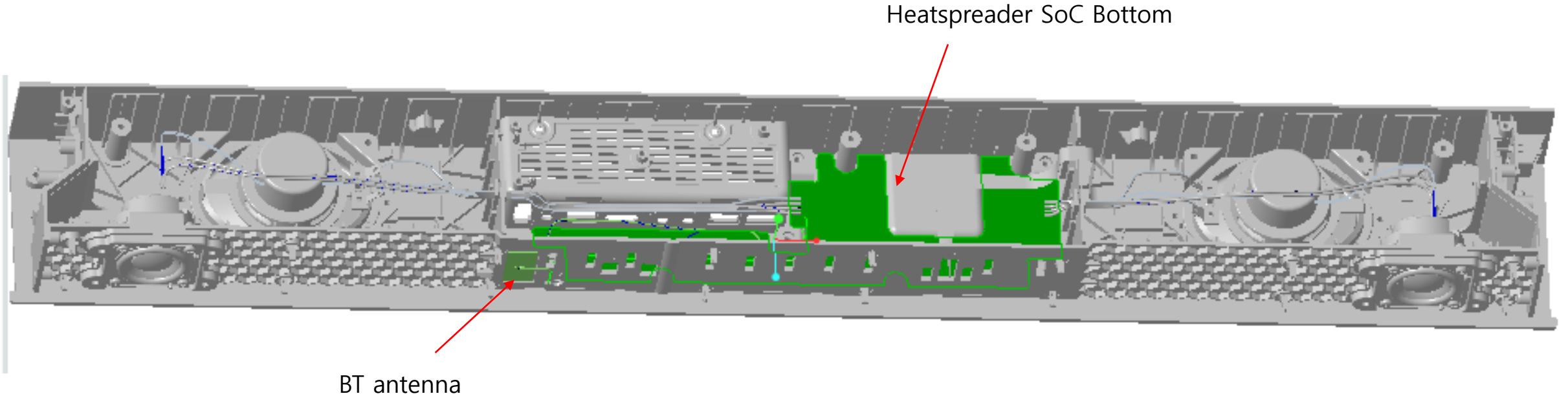
12 14

Side LED cable Note : the bushing should be tighten to prevent air leakage.

Final assembly

3. Prepare PCBA assembly

- Assembly
 1. SoC Bottom heat spreader
 2. PCBA SOC
 3. Bluetooth antenna

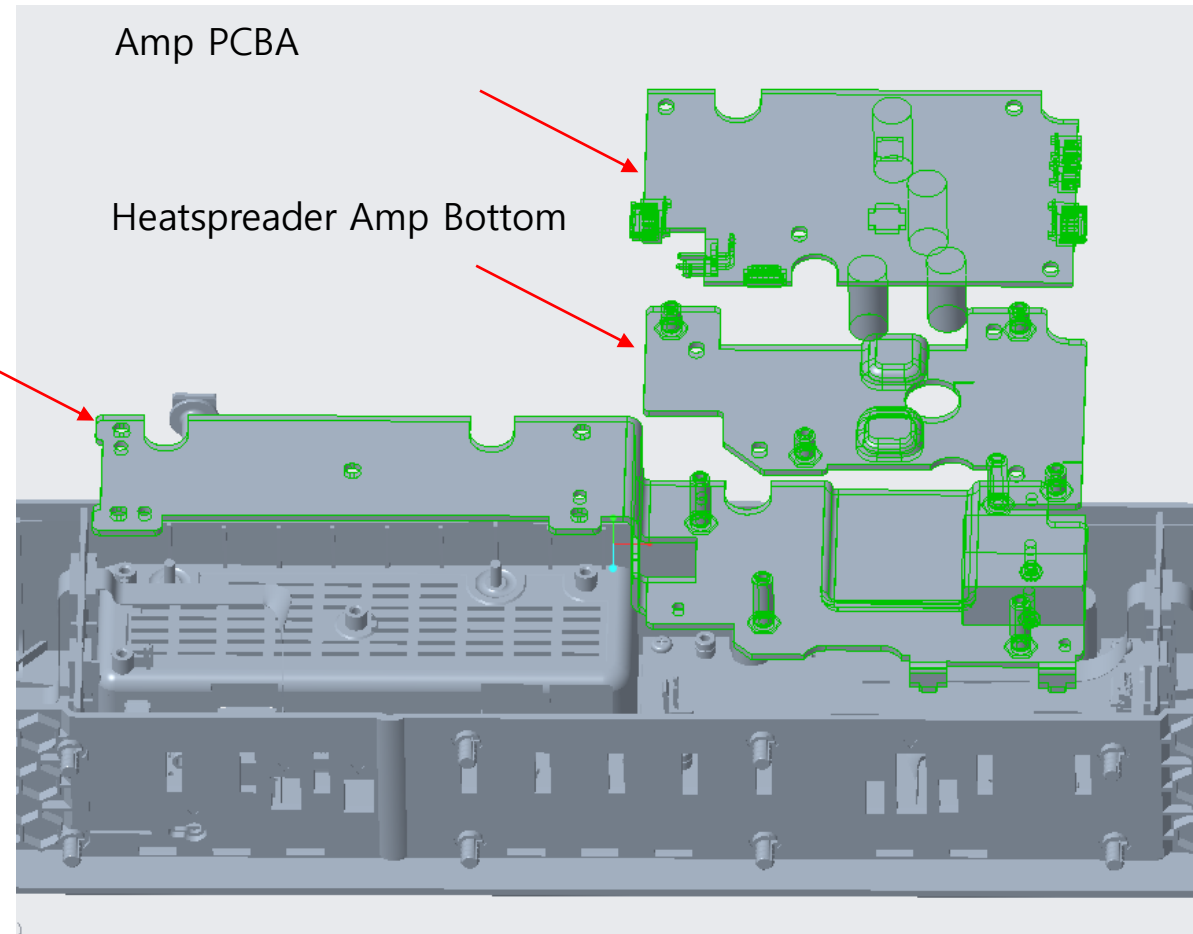


Final assembly

4. PCBA assembly

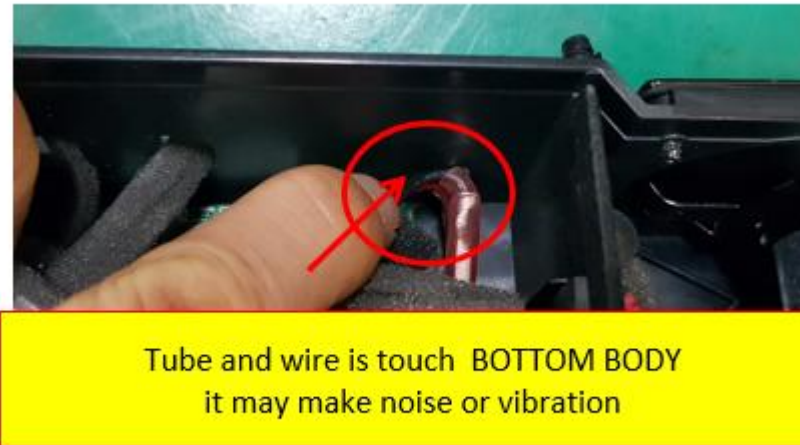
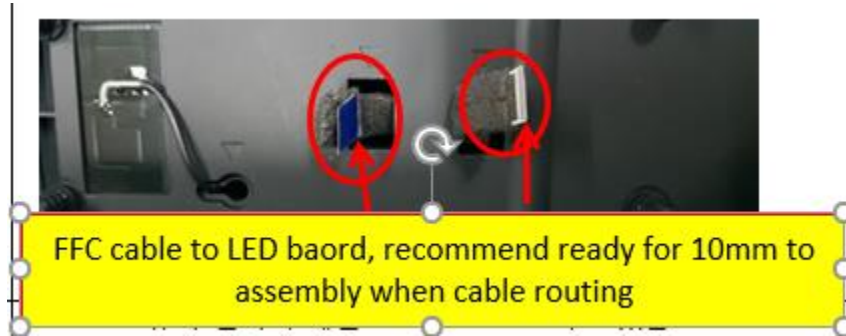
- PCBA and Heatspreader assembly
- Cable routing
 - Speaker R/L
 - FFC
 - Mic
 - Button
 - LED
 - Side LED R/L
 - Front LED
 - Amp
- More details, Fii should make the SOP

Heatspreader SoC Top



Final assembly

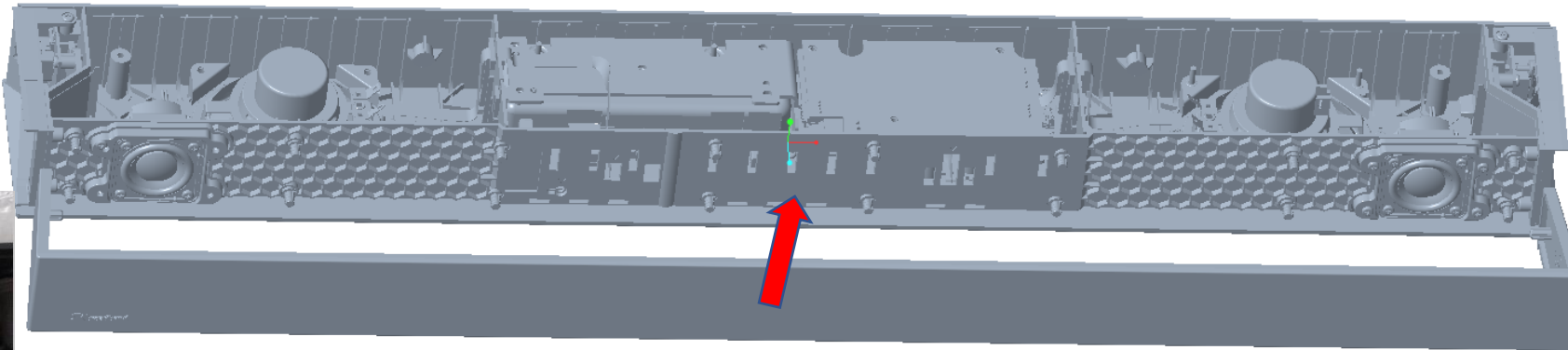
4. PCBA assembly Note



Final assembly

5. front grill assembly

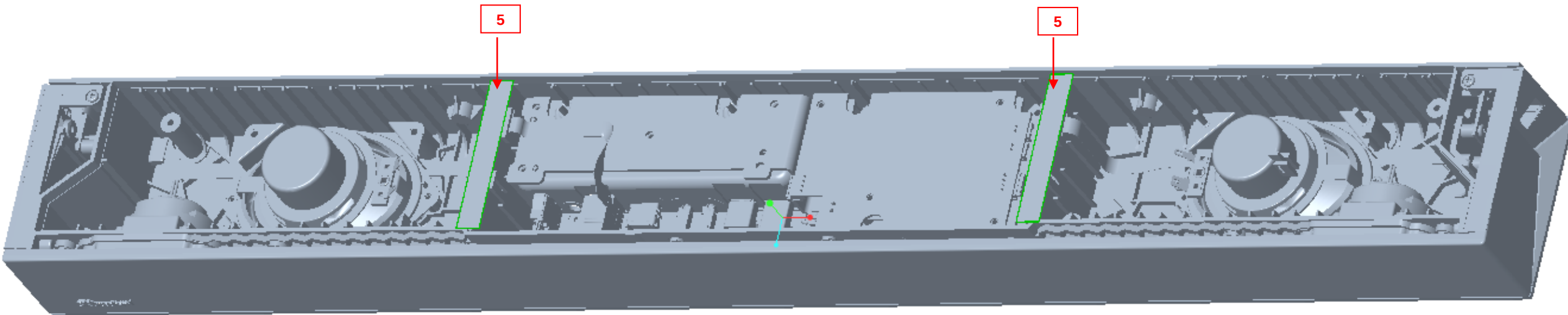
- Assembly with Bottom housing and Front assy (Grill Fabric)
 - Insert the FFC cable : LED PCBA



Final assembly

6. attach gasket

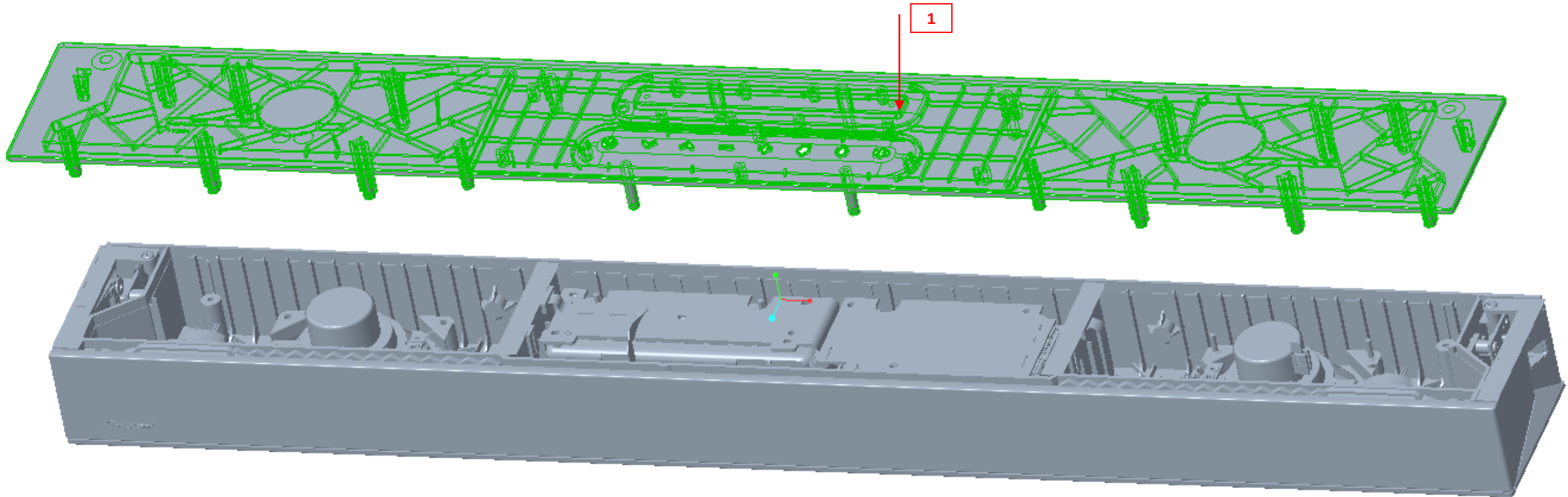
5					NONWOVEN TAPE_BLACK,ADHESIVE, T=0.2, 77 x 12	484.00424.005	1210-21377-900-0V



Final assembly

7. Top cover assembly

LEVEL	Part Name	FXN PN	MPN	Spec.	Q'ty	Unit	sub assy	vender	Final assembly
1	CASE TOP ASS'Y	441.01000.005	3008-92100-001-0		1	EA		Inkel	Foxconn

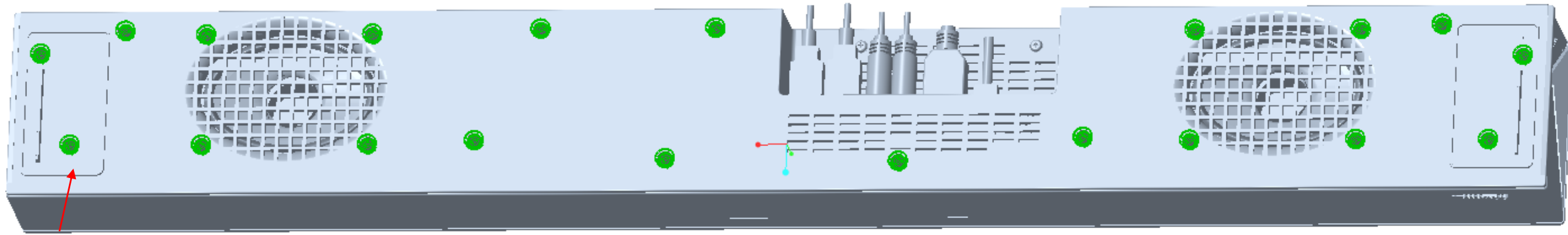


Top Cover Note : be careful "GASKET CASE TOP" does not face outward on the Top cover,

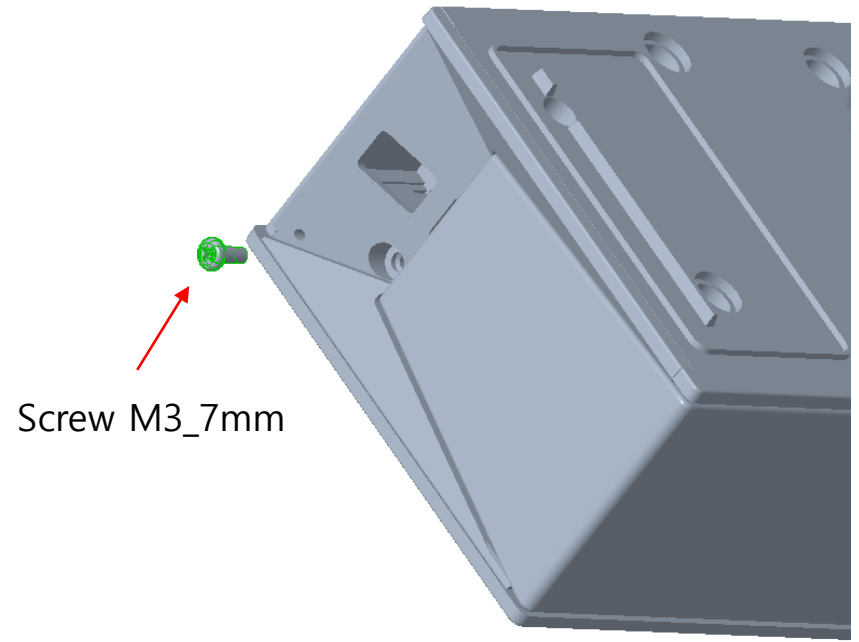
484.00422.005 4050-21730-500-0V EVA_BLACK_ADHESIVE, T=1.0 (10x300mm)

Final assembly

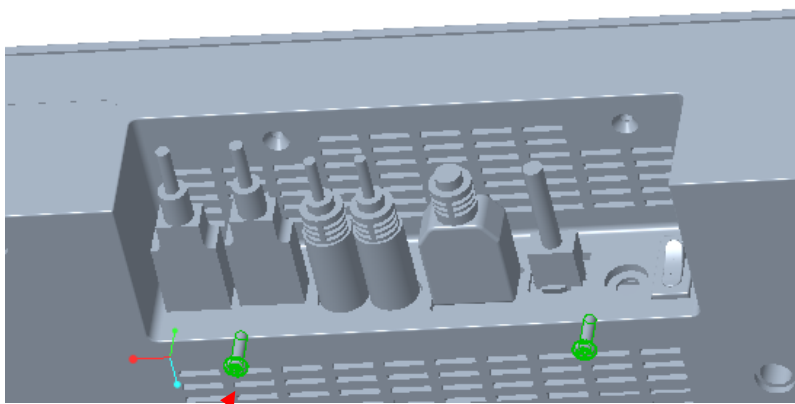
7. Top cover assembly



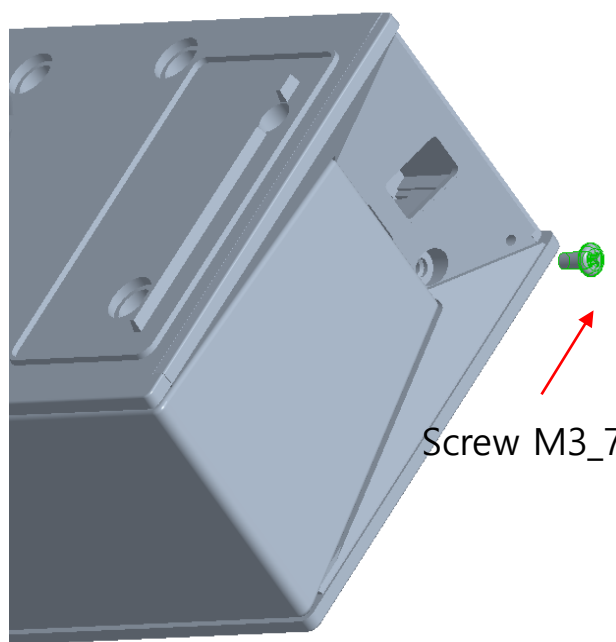
Screw M3_10mm x20



Screw M3_7mm



Screw FH M3_10mm
This is flat screw!

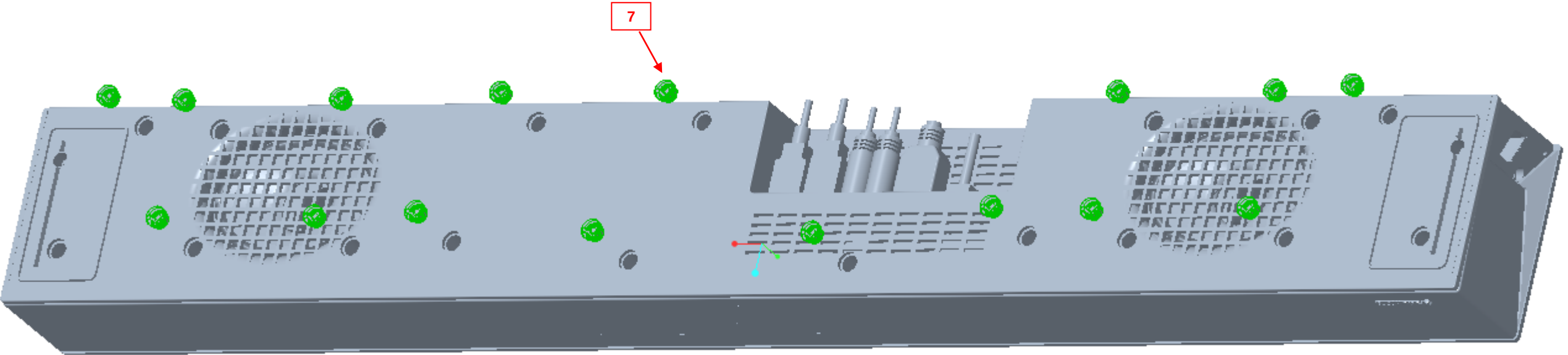


Screw M3_7mm

Final assembly

7. Top cover assembly

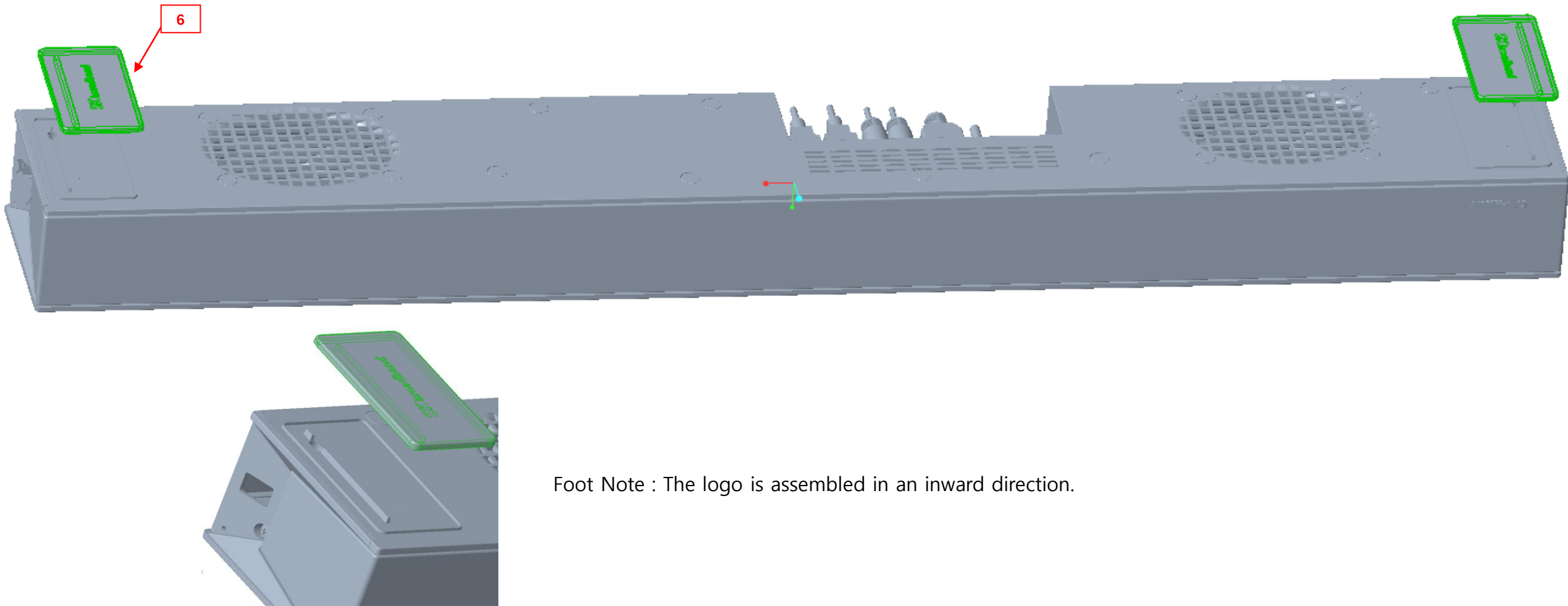
LEVEL					Part Name	FXN PN	MPN	Spec.	Q'ty	Unit	sub assy	vender	Final assembly
7					(COVER SCREW)	477.00474.005	4310-21709-500-0V	TPE_COLOR: TBD, HARDNESS 50	16	EA		Inkel	Foxconn



Final assembly

7. Top cover assembly

LEVEL					Part Name	FXN PN	MPN	Spec.	Q'ty	Unit	sub assy	vender	Final assembly
6					(FOOT)	481.00594.005	4000-21105-500-0V	TPE_COLOR: TBD,	2	EA		Inkel	Foxconn

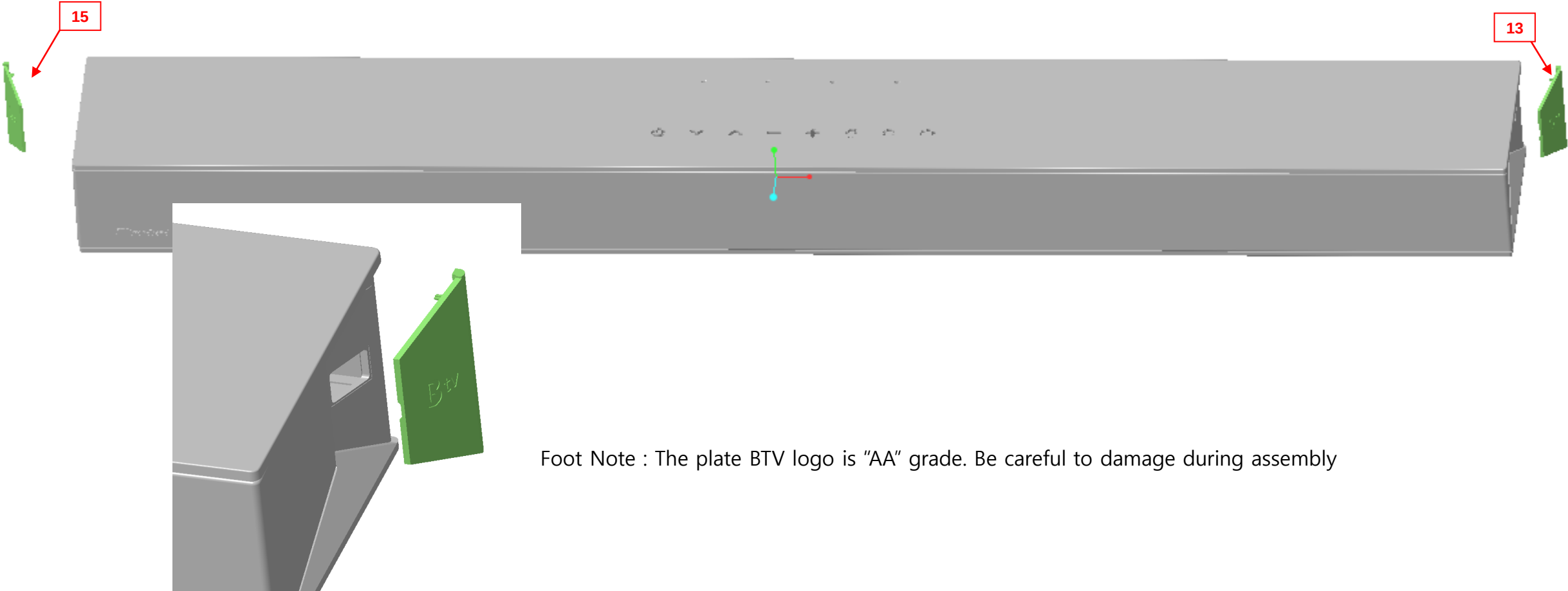


Foot Note : The logo is assembled in an inward direction.

Final assembly

7. BTV LOGO Plate assembly

LEVEL					Part Name	FXN PN	MPN	Spec.	Q'ty	Unit	sub assy	vender	Final assembly
13					PLATE BTV LOGO RIGHT	462.00057.005	3710-21172-300-0V	PC_MILKY, SPRAY_OUTER, LASER MARKING	1	ea		Inkel	Foxconn
15					PLATE BTV LOGO LEFT	462.00058.005	3710-21173-300-0V	PC_MILKY, SPRAY_OUTER, LASER MARKING	1	ea		Inkel	Foxconn



Foot Note : The plate BTV logo is "AA" grade. Be careful to damage during assembly

- EOD