



CC-218 DIVERSITY

Design

2024/01/06

2024/05/26

Pre-assy

Enclosure is tentatively assembled to ensure each mechanical part is processed in a good precision.

This step is carried out before finishing the parts.

If some parts are not precise in dimension, they are trimmed by files.

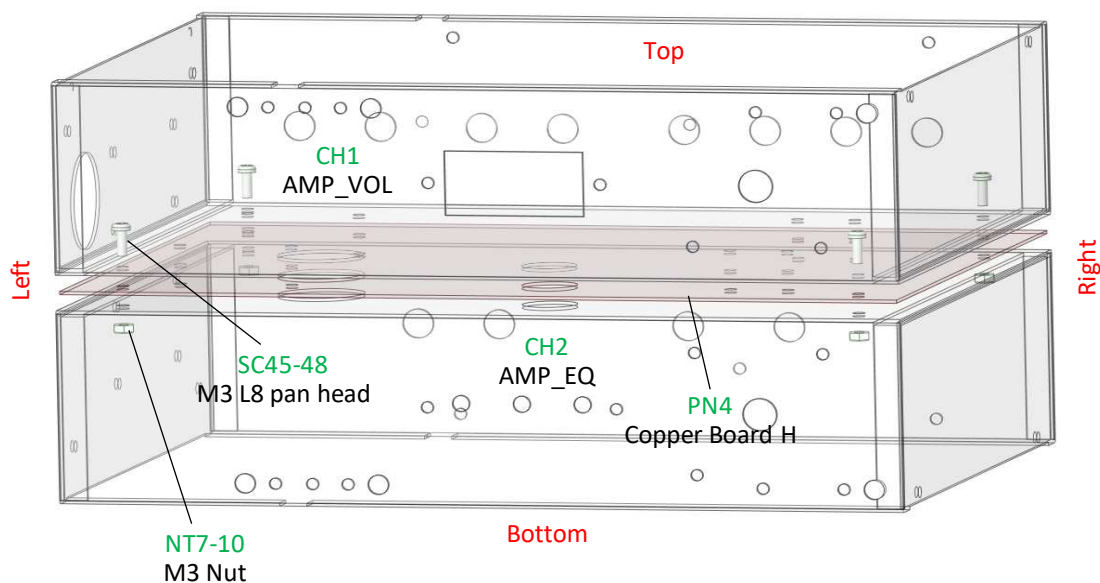
After pre-assy, enclosure is disassembled and the parts are washed with detergent.

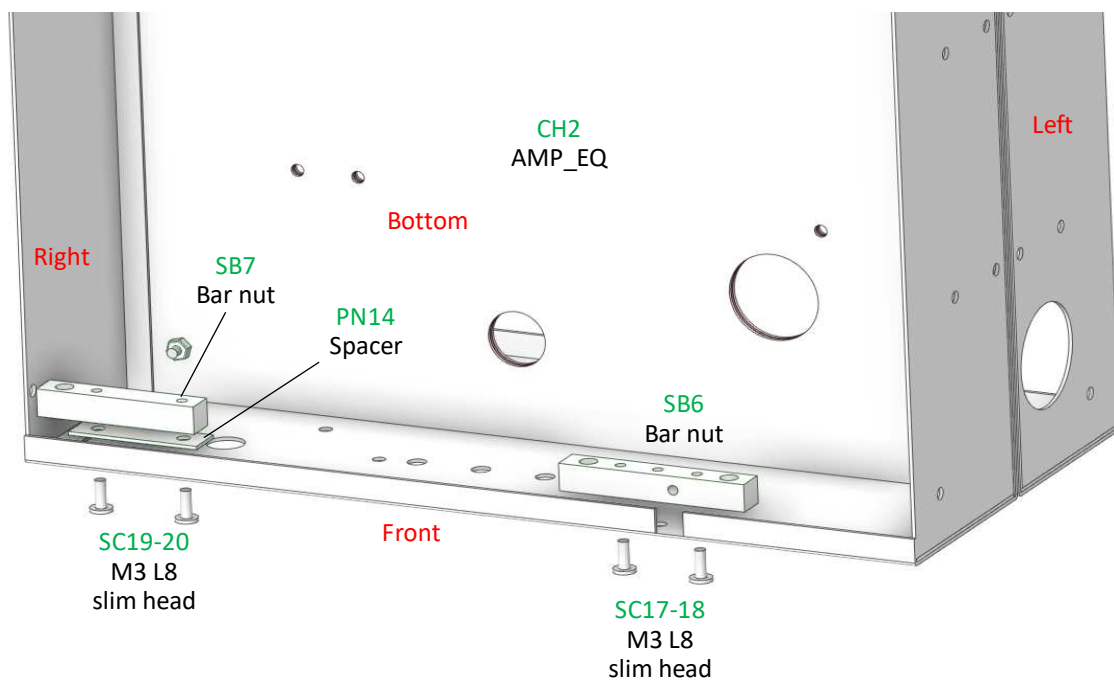
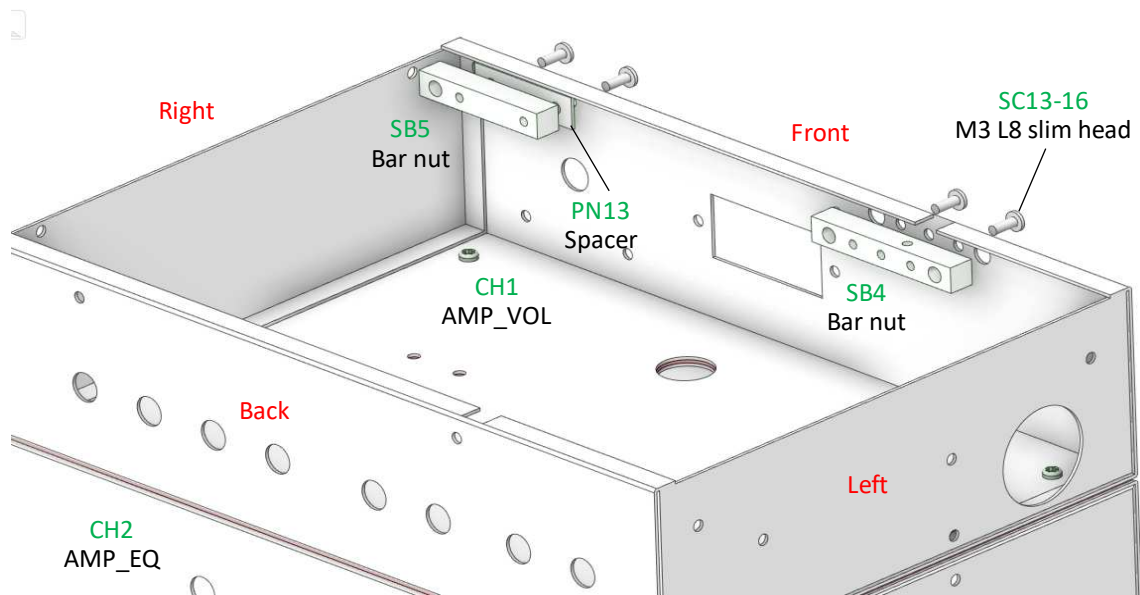
For small parts such as screws, nuts and washers, some of the reference designators are different from the final assembly.

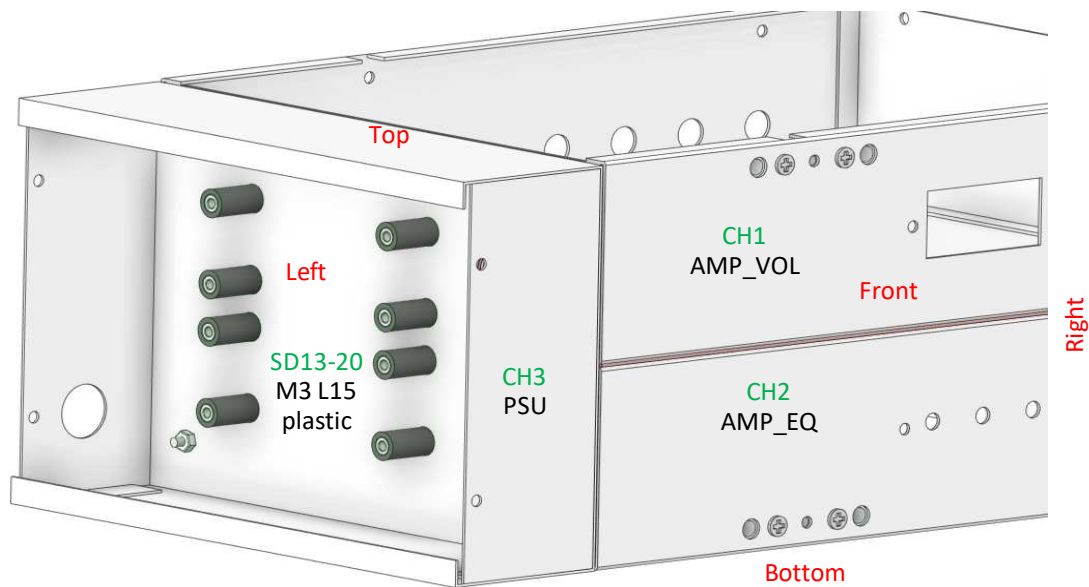
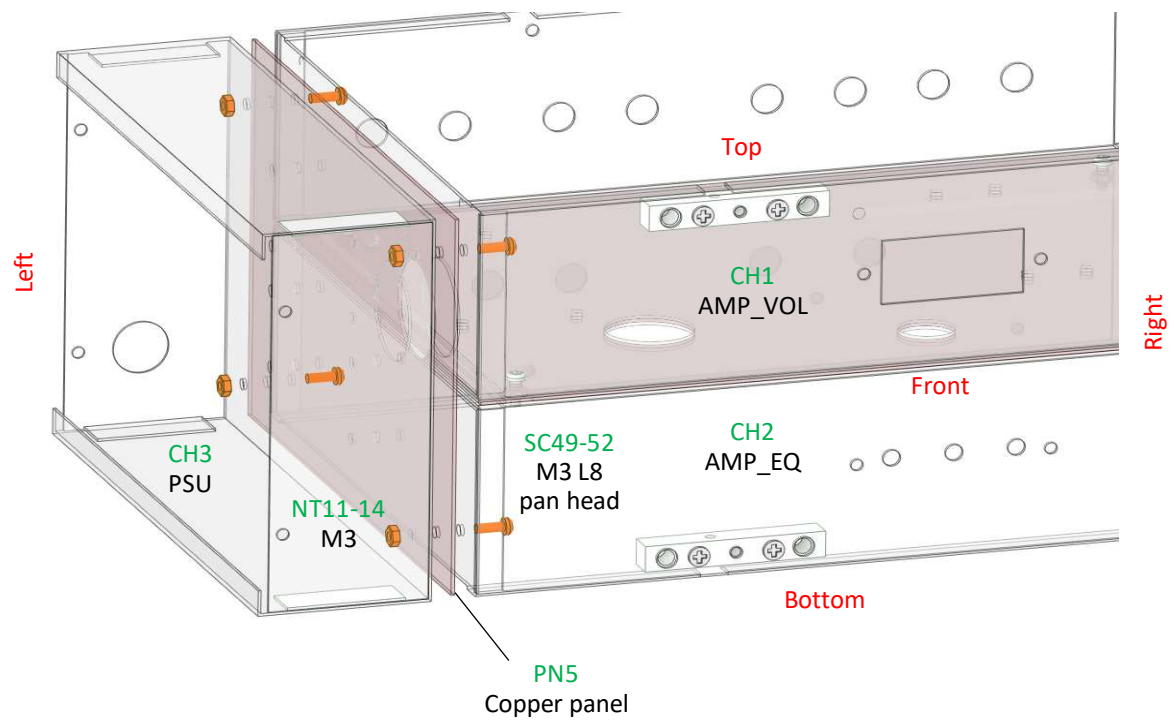
[Chassis](#)[Panels](#)[Modules](#)[Panel Mount Parts](#)[Module Mounting Studs](#)[Front Panels](#)[Knobs](#)

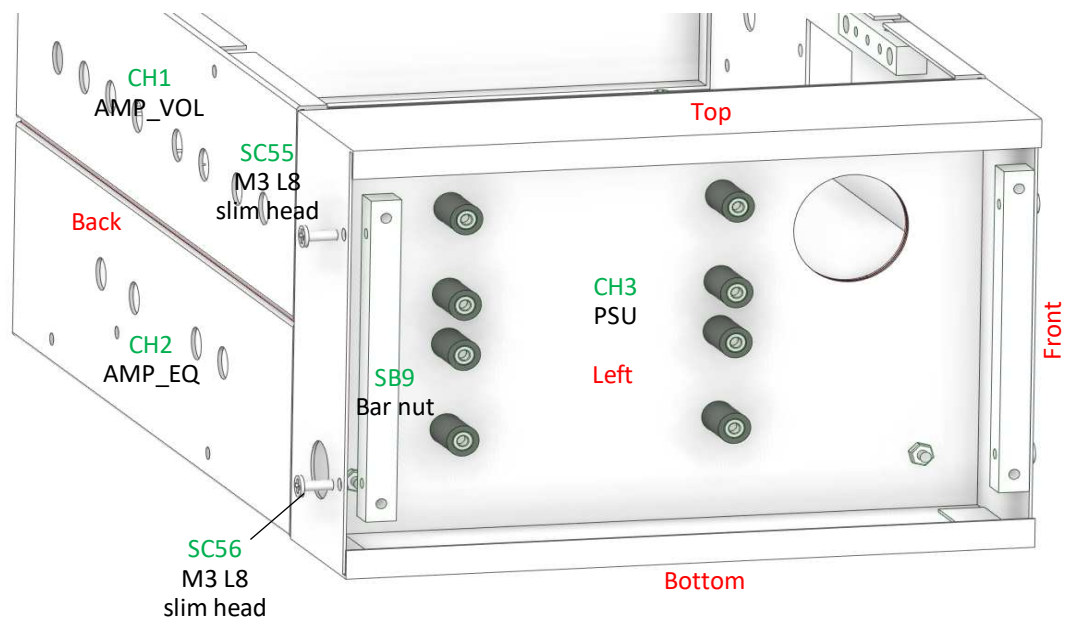
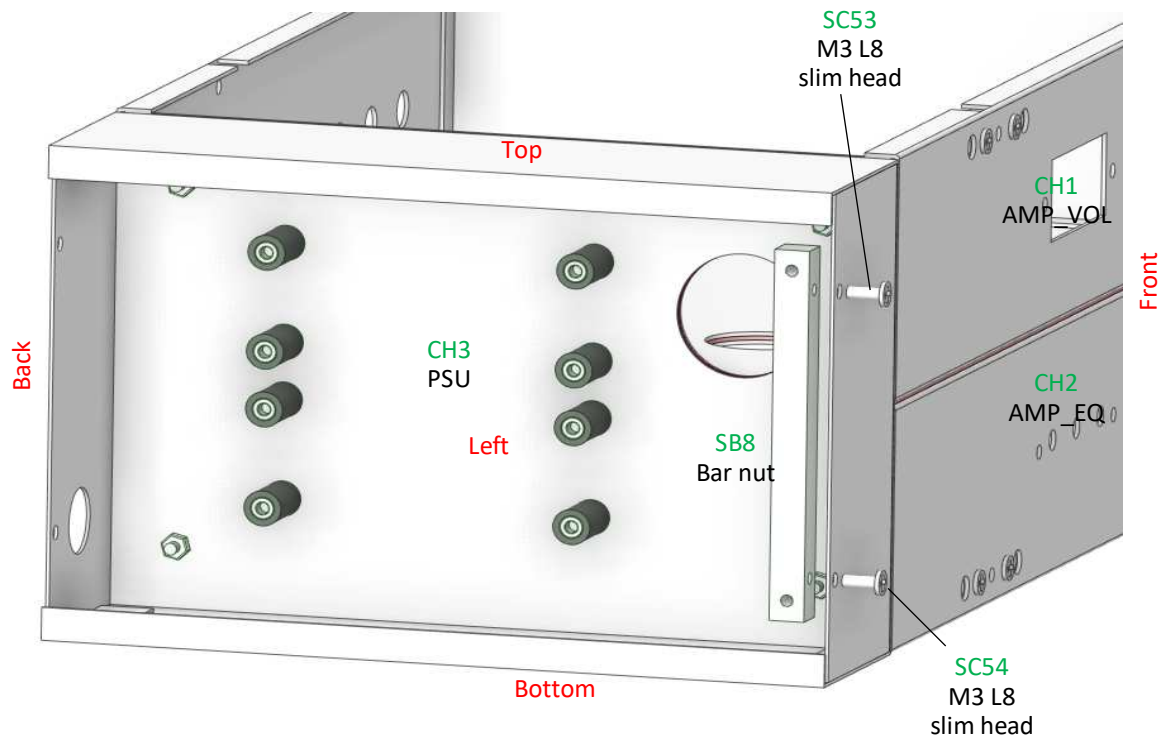
Chassis

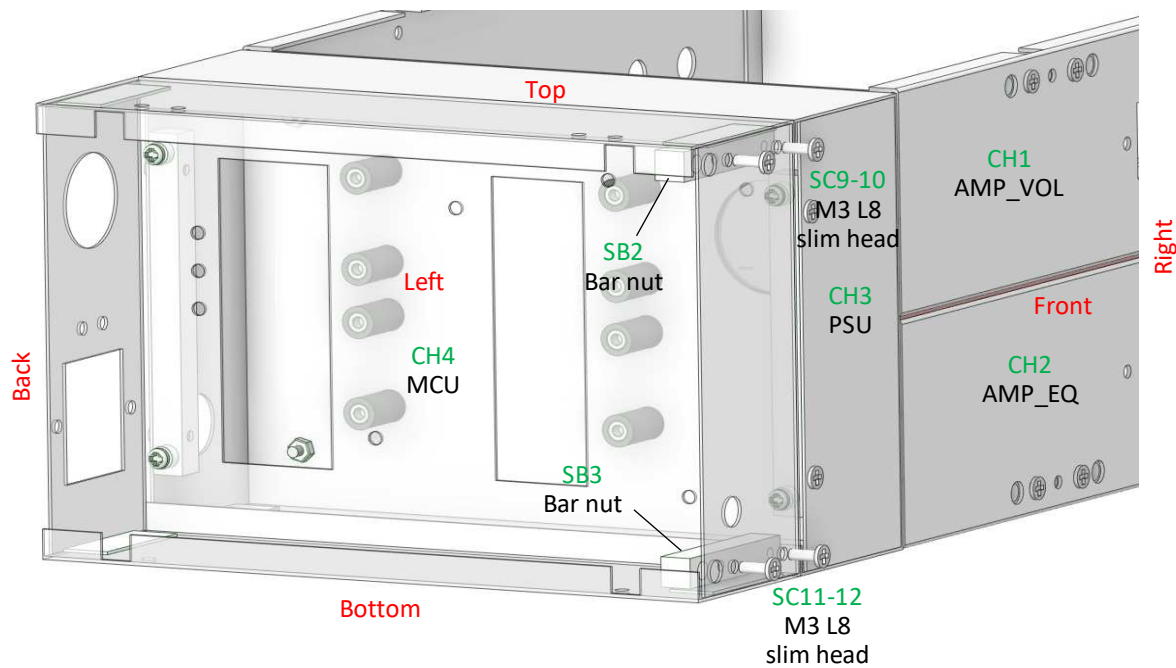
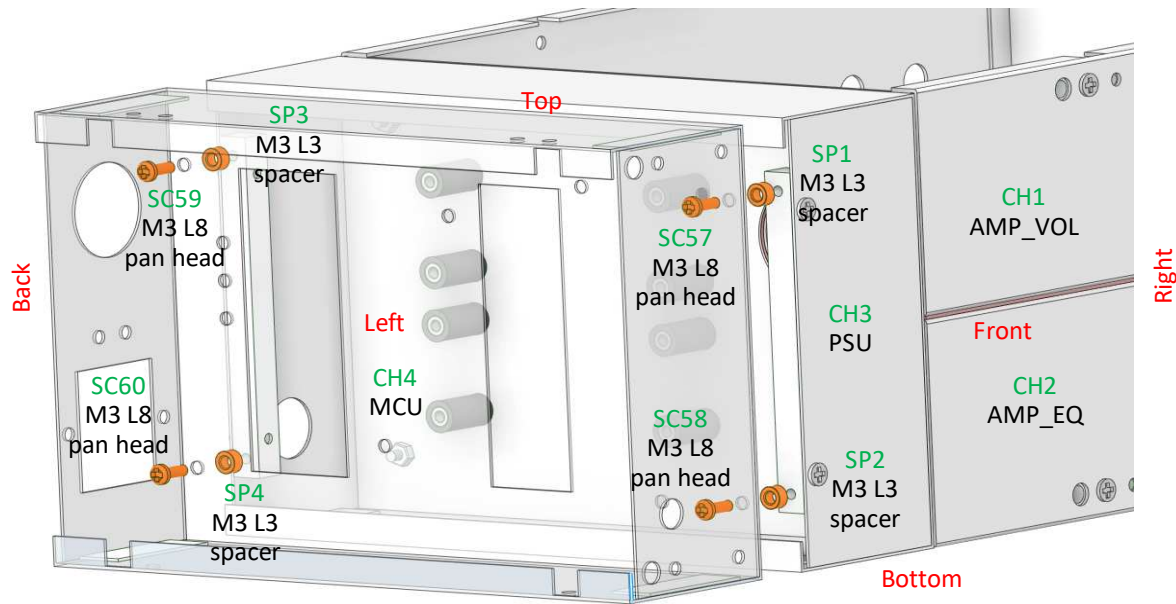
* Amp compartment

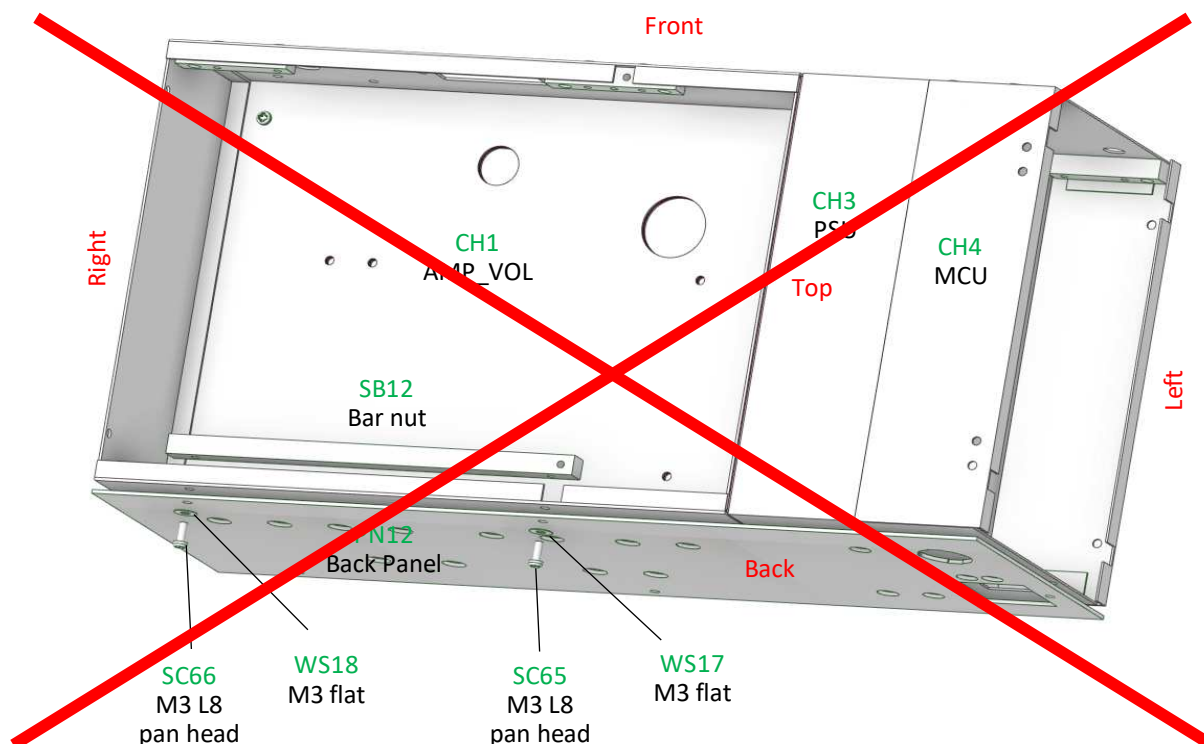




*** PSU compartment**



*** MCU compartment**

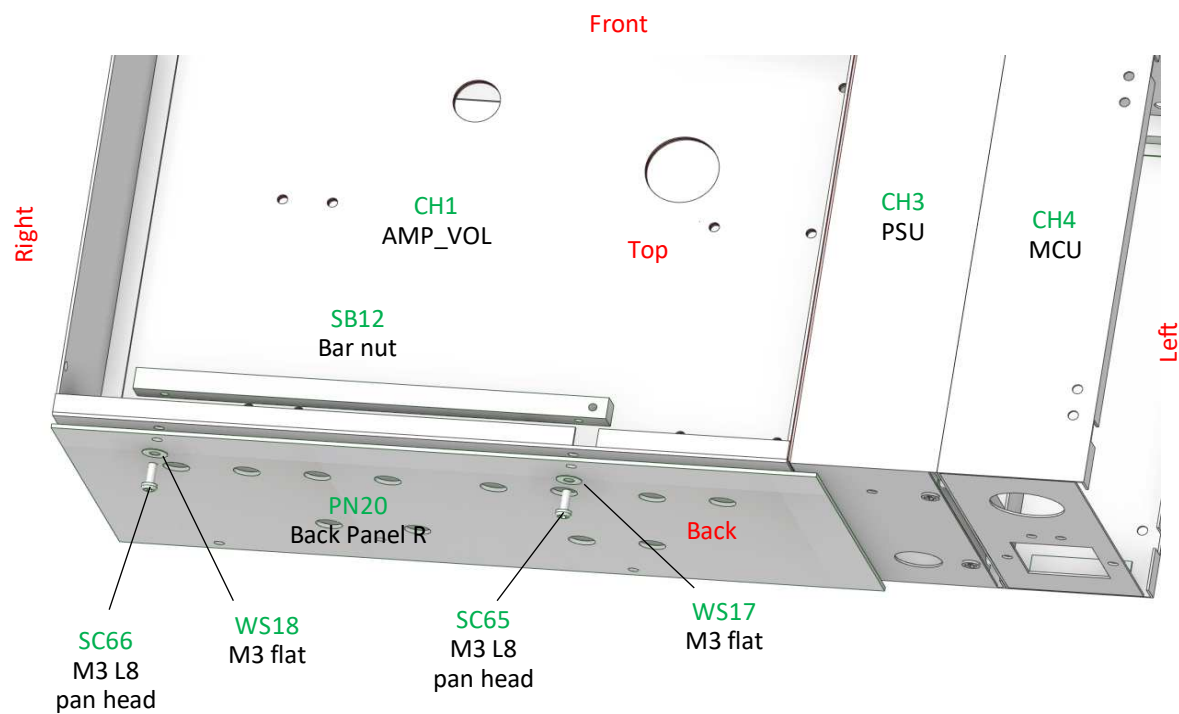
Panels*** Back Panels**

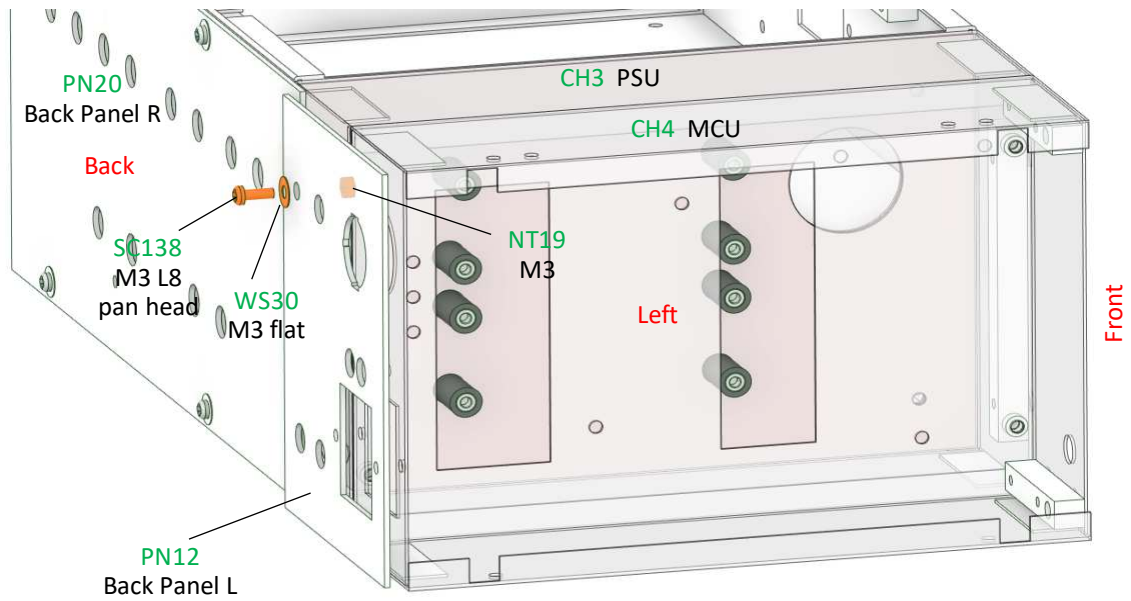
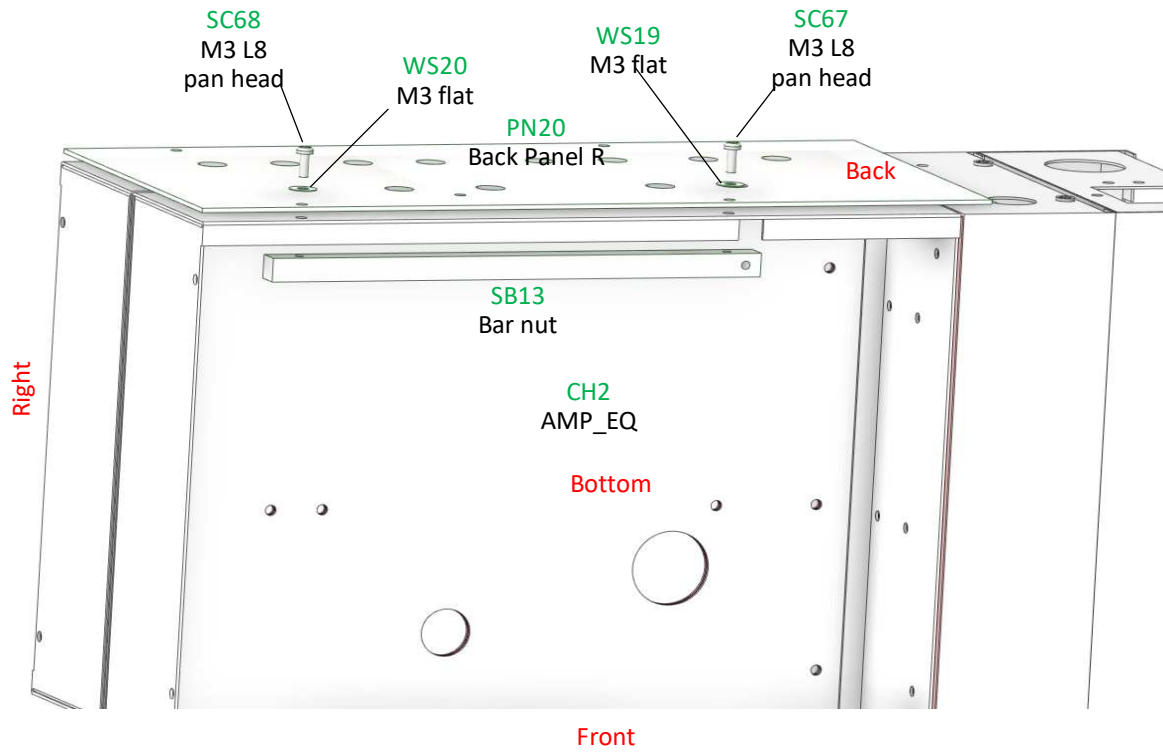
Back Panel was cut into 2 pieces to exactly align w/ chassis:

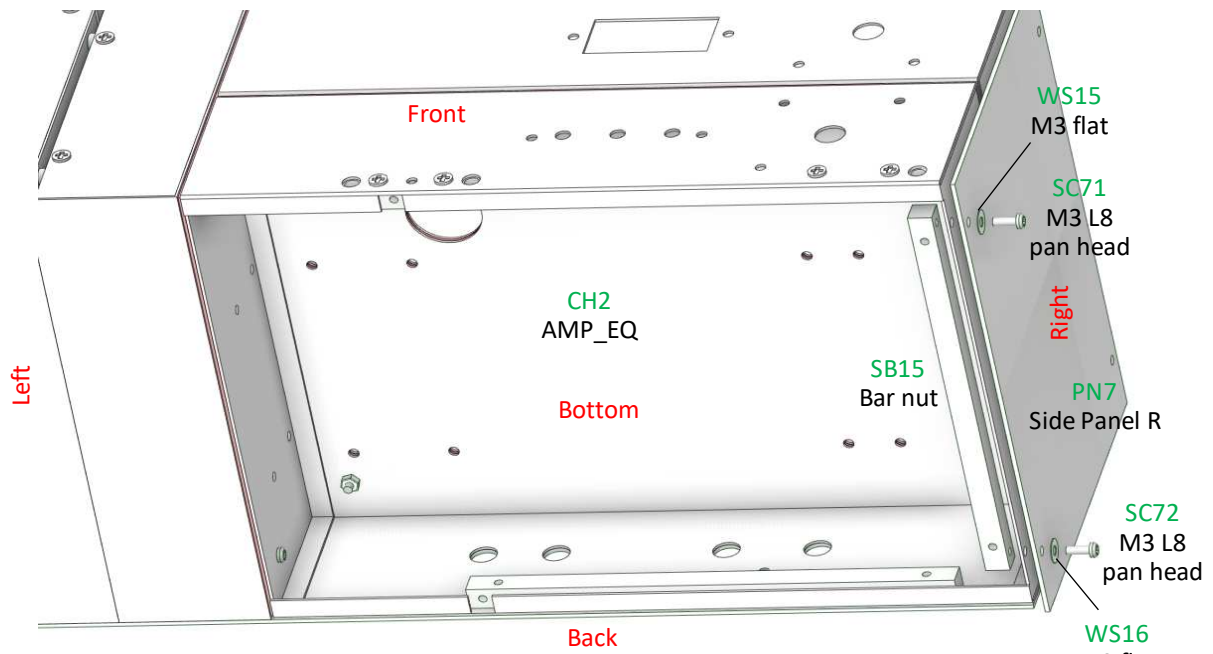
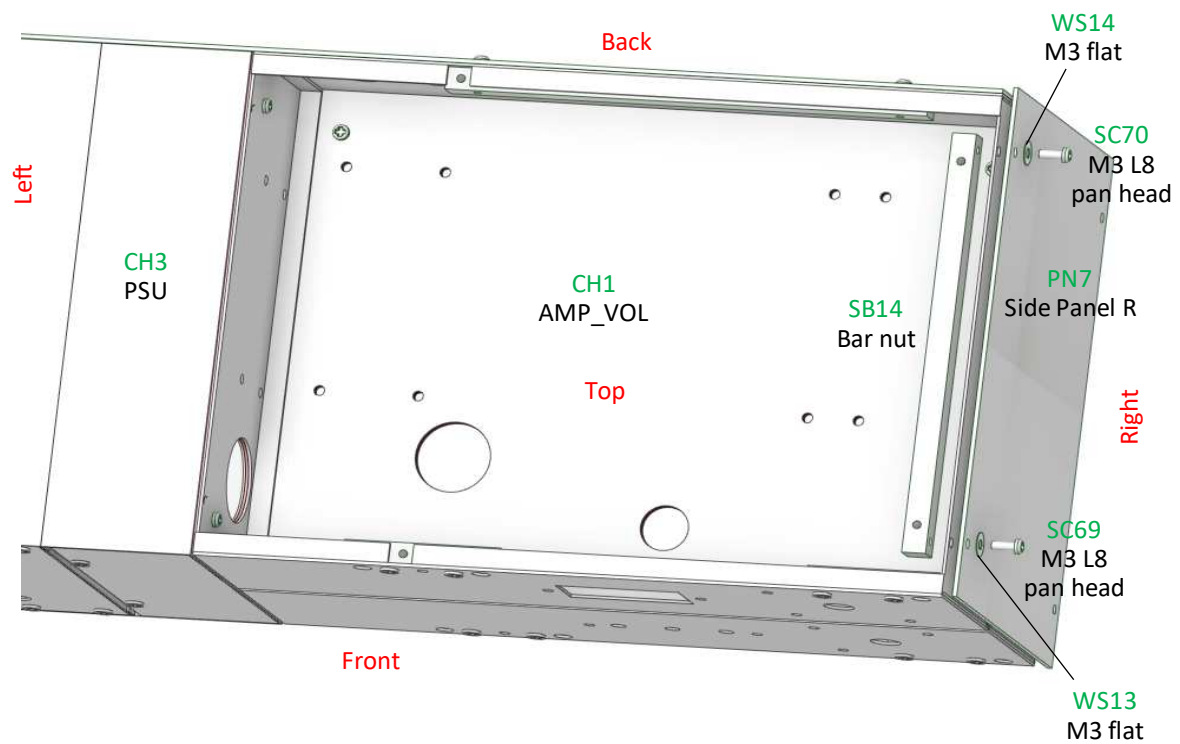
2024/04/01

PN12 Back Panel R

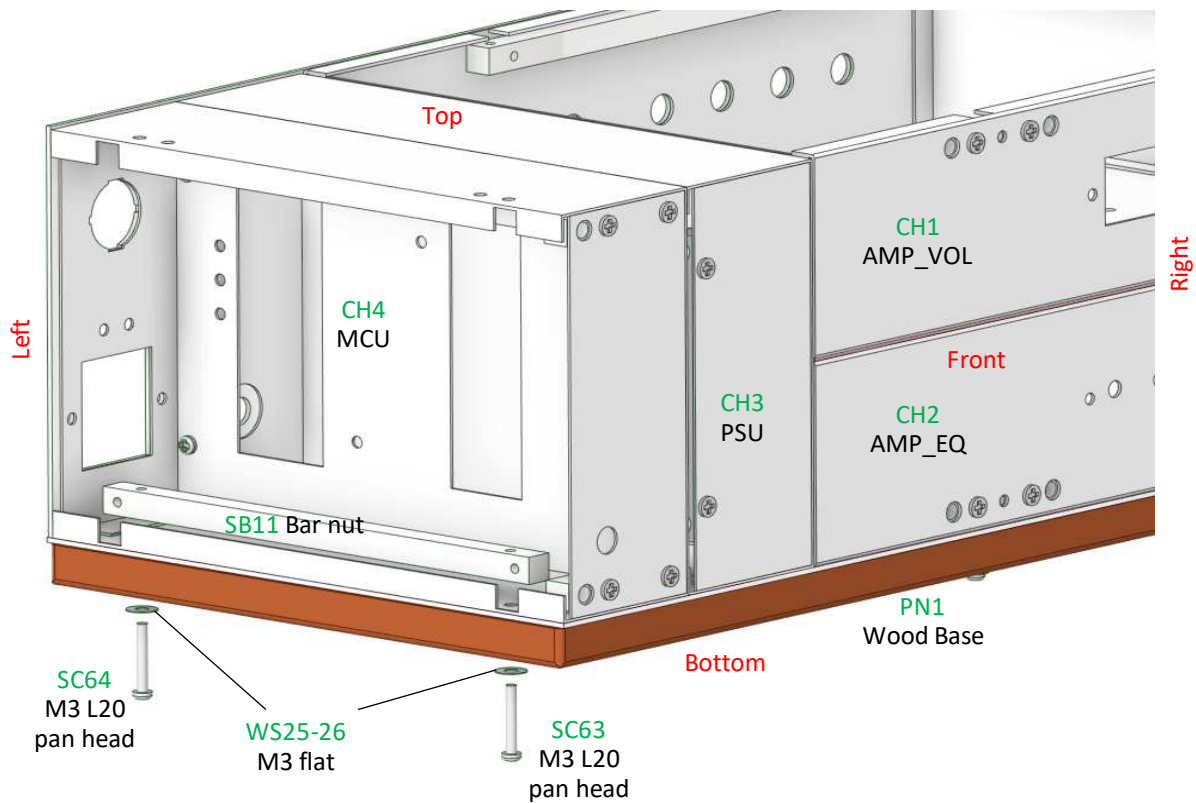
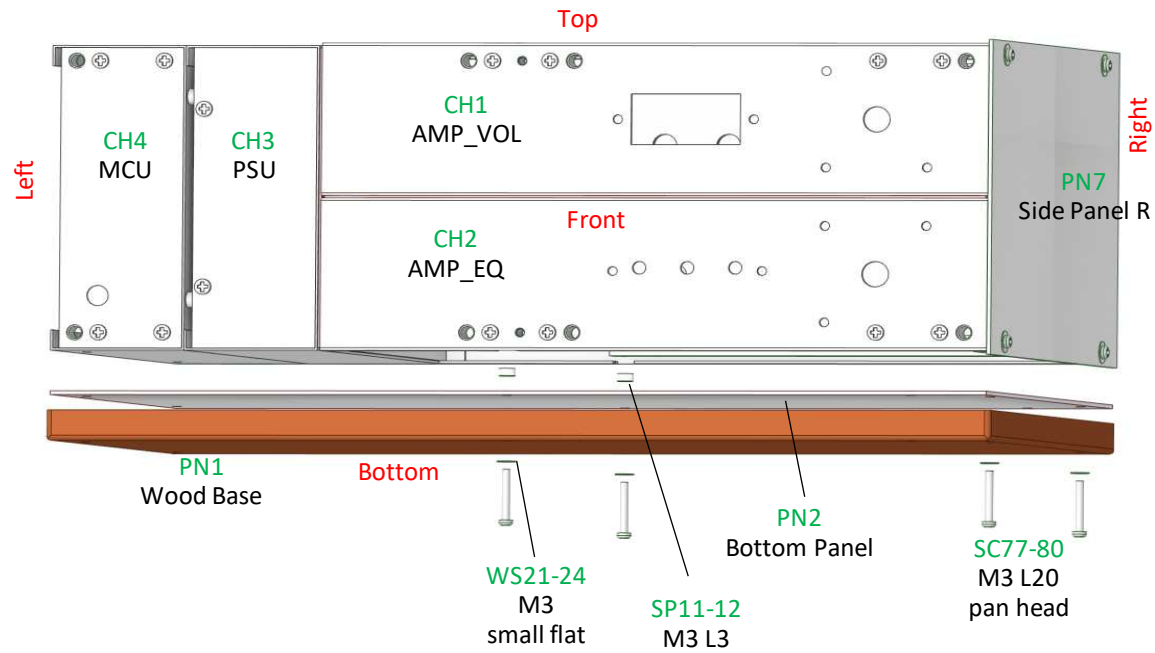
PN20 Back Panel L





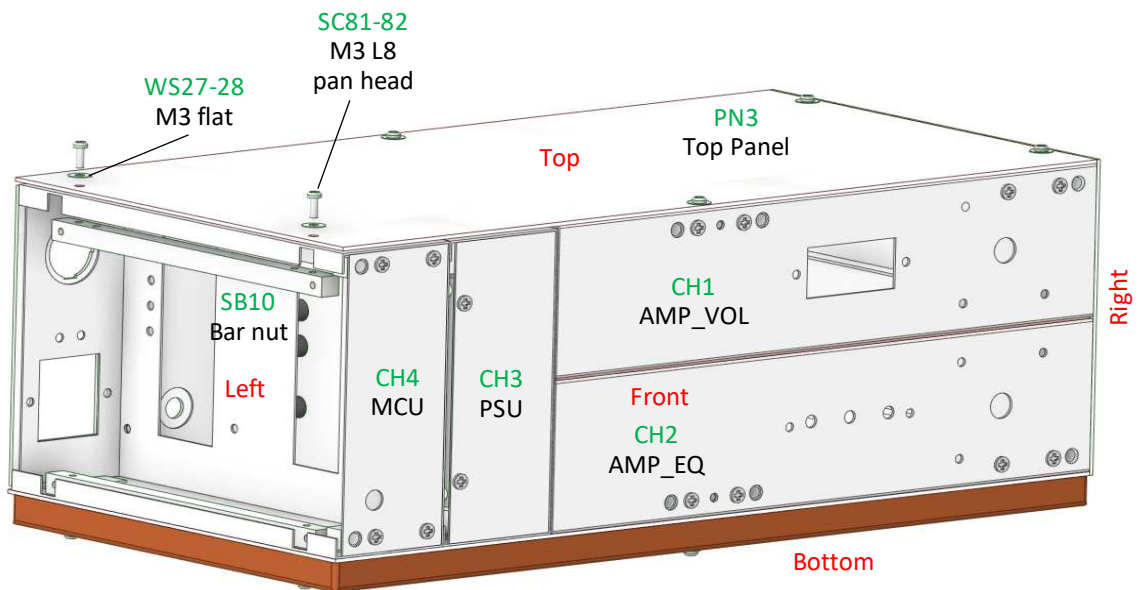
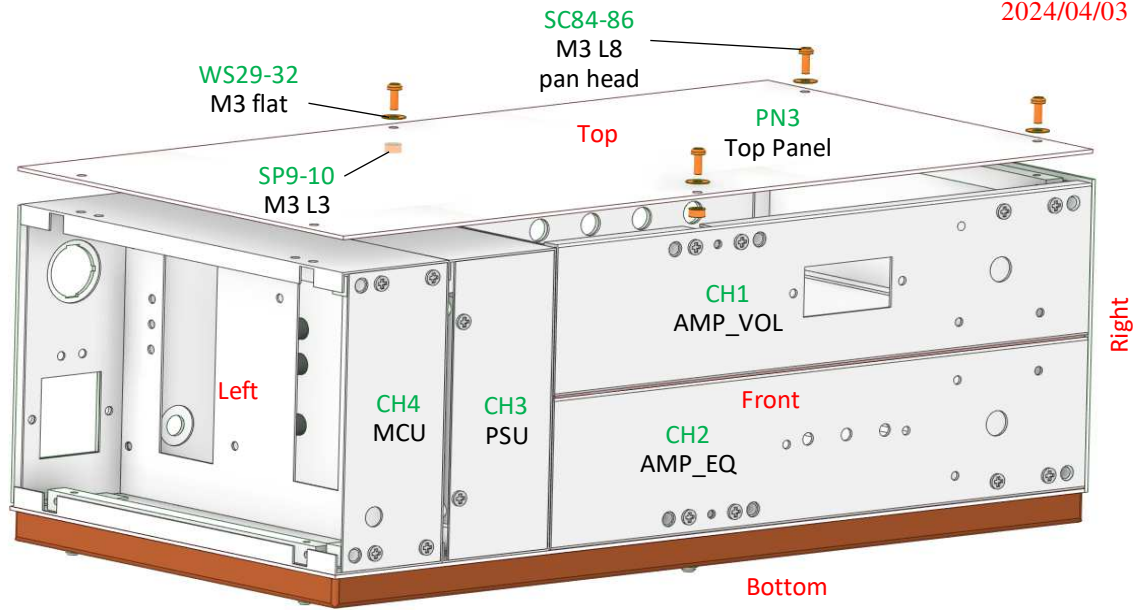
*** Side Panel R**

*** Wood Base & Bottom Panel**

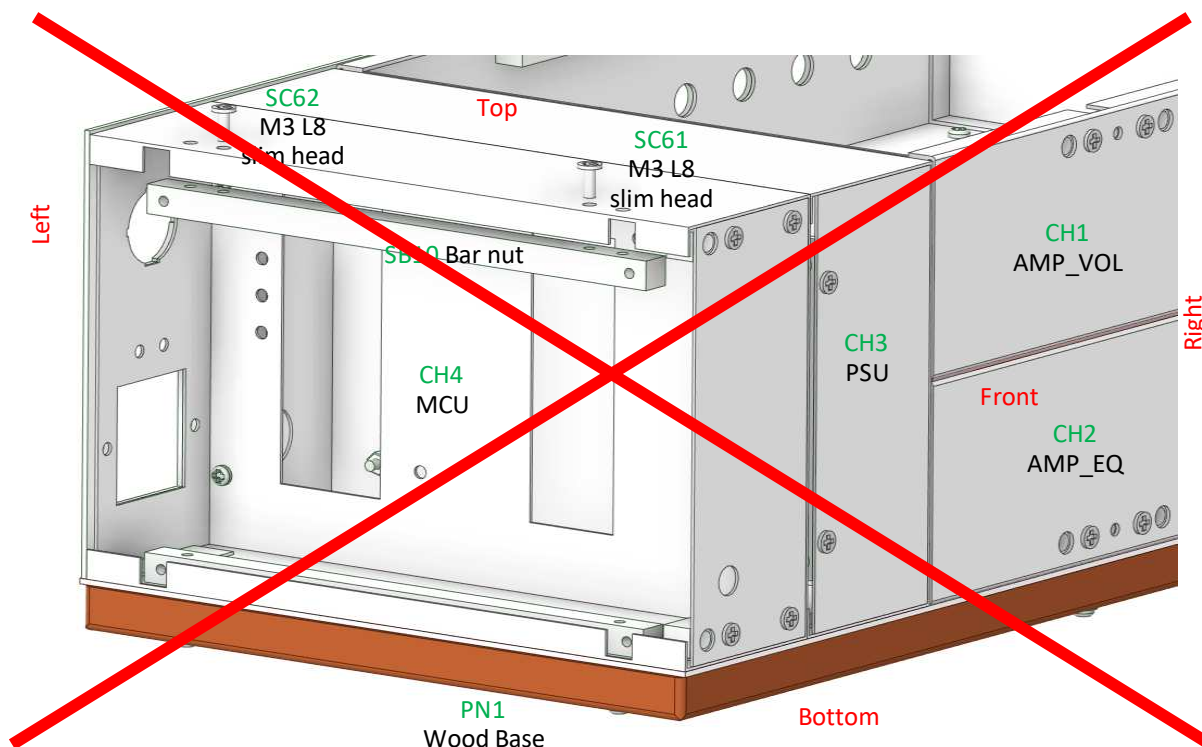


*** Top Panel**

2024/04/03



* Side Panel L

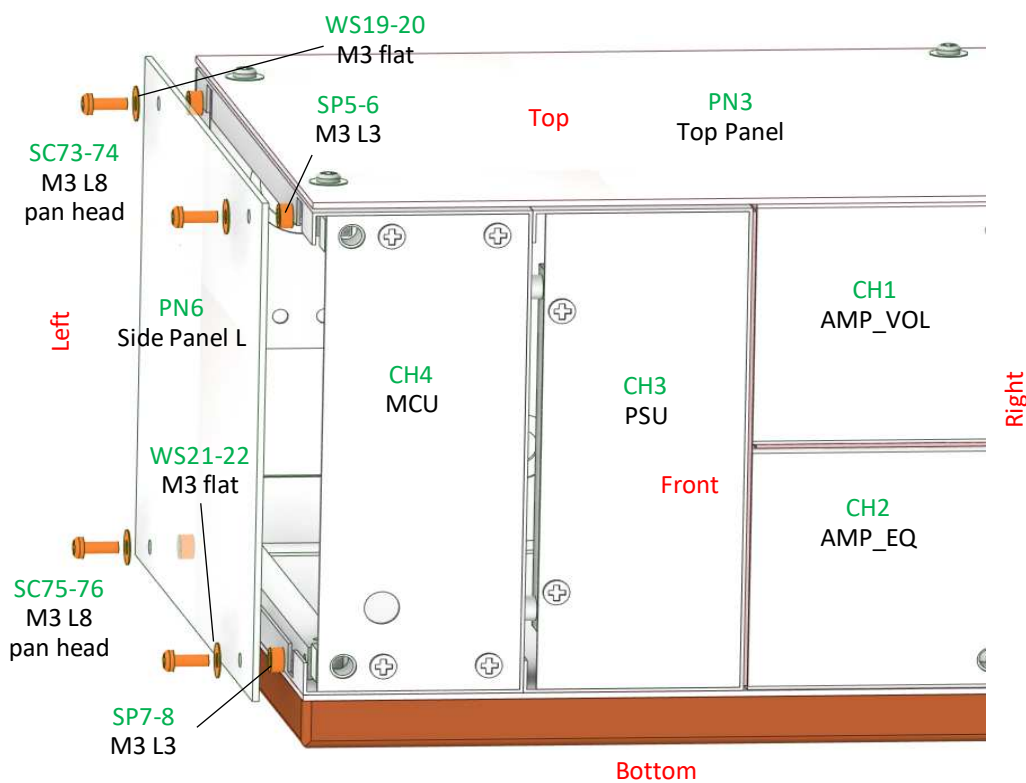


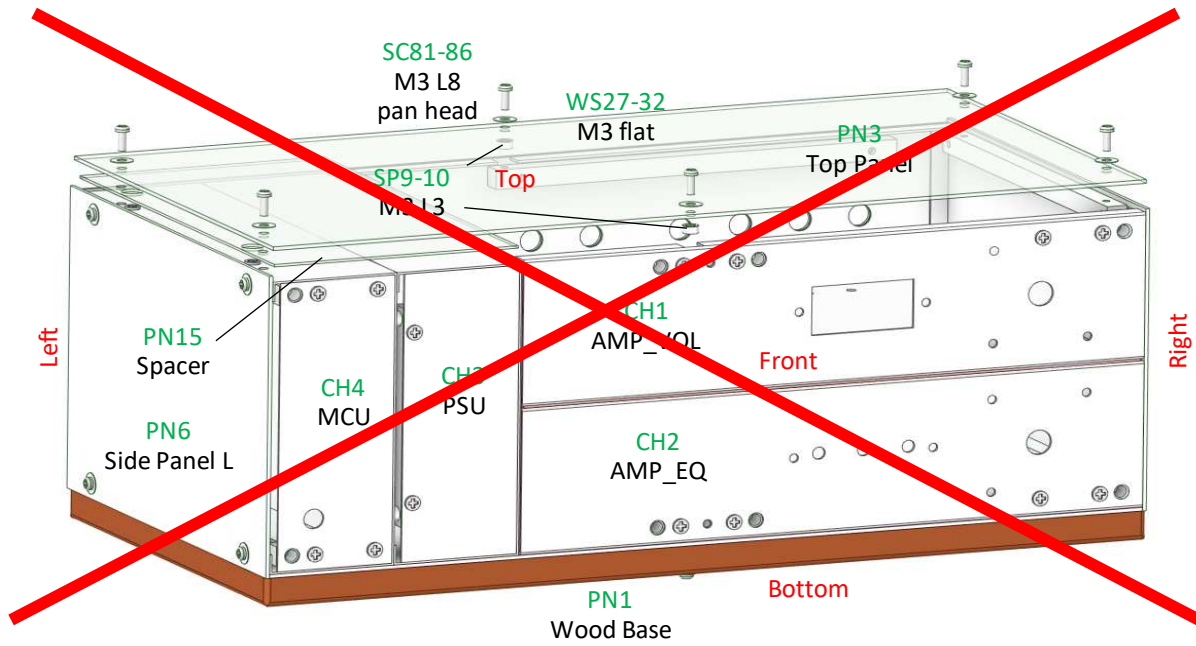
SC61-62 are omitted because there is no room for PN15 Spacer.

2024/04/03

The height of LEAD S-5 (CH1-3) is shorter than the catalog spec, so the spacer is unnecessary.

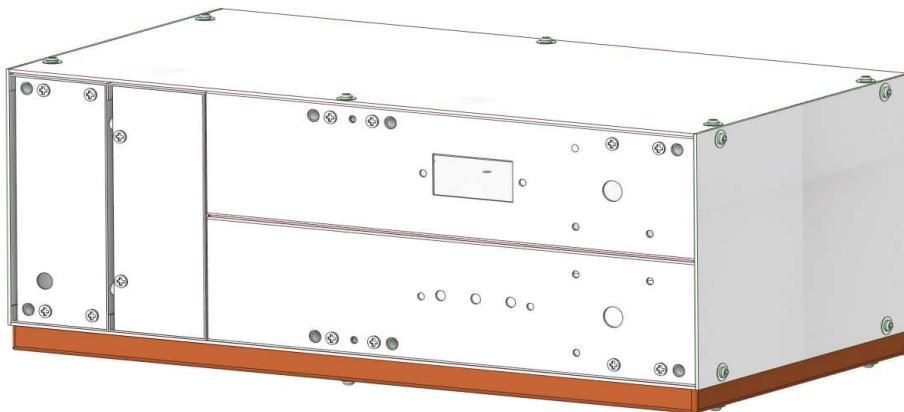
Top Panel is attached before Side Panel L.

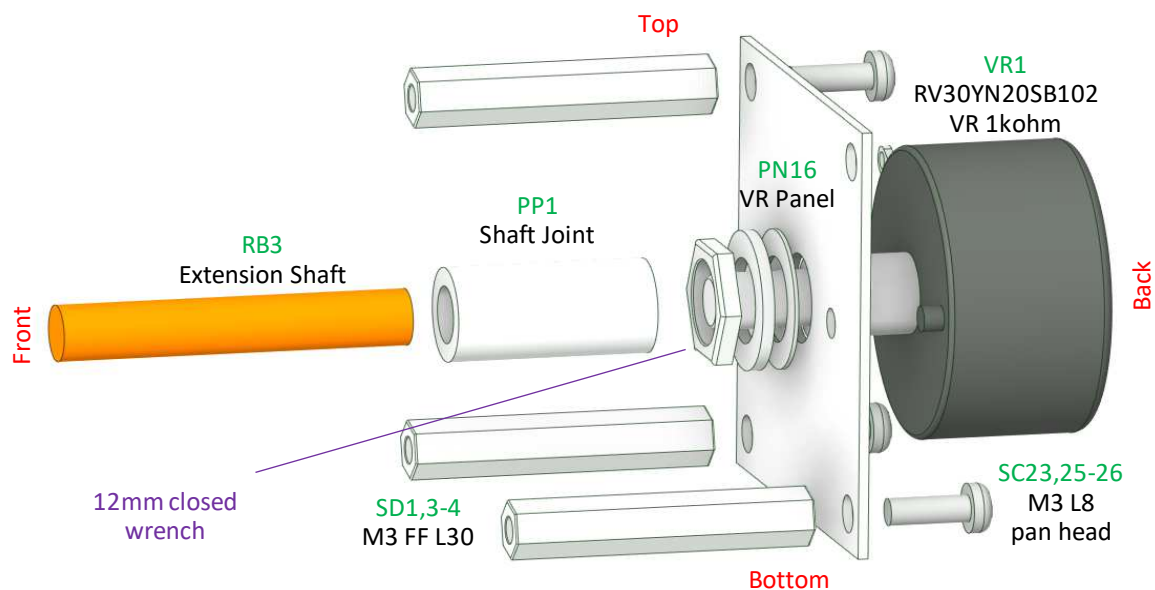
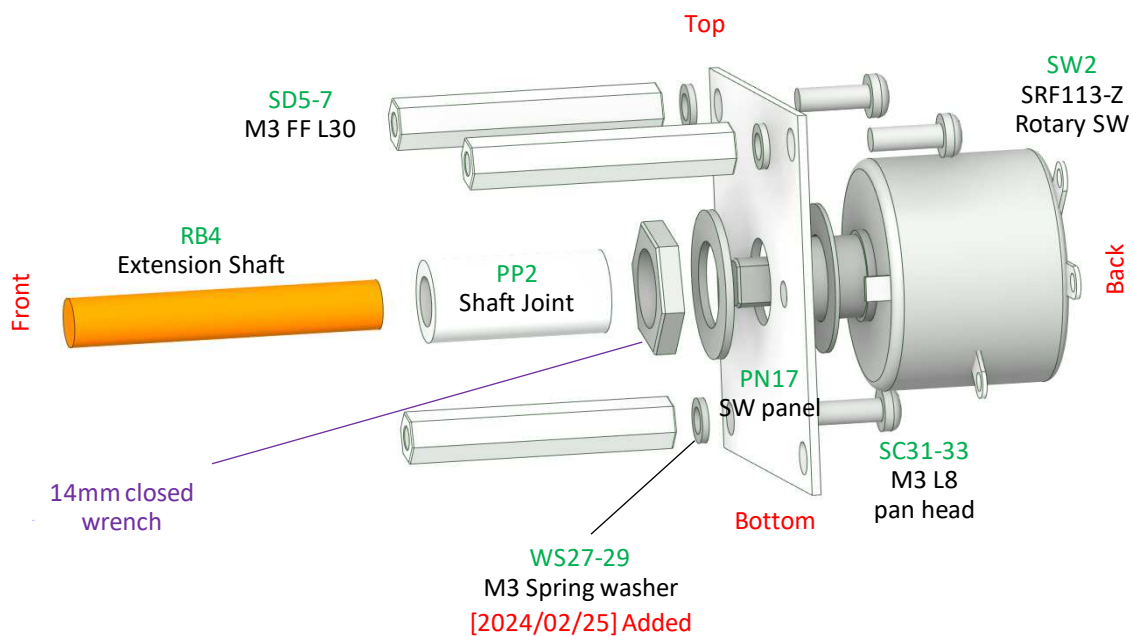


*** Top Panel**

PN15 Spacer is omitted because there is no room for it, because
the height of LEAD S-5 (CH1-3) is shorter than the catalog spec
Top Panel is attached before Side Panel L.

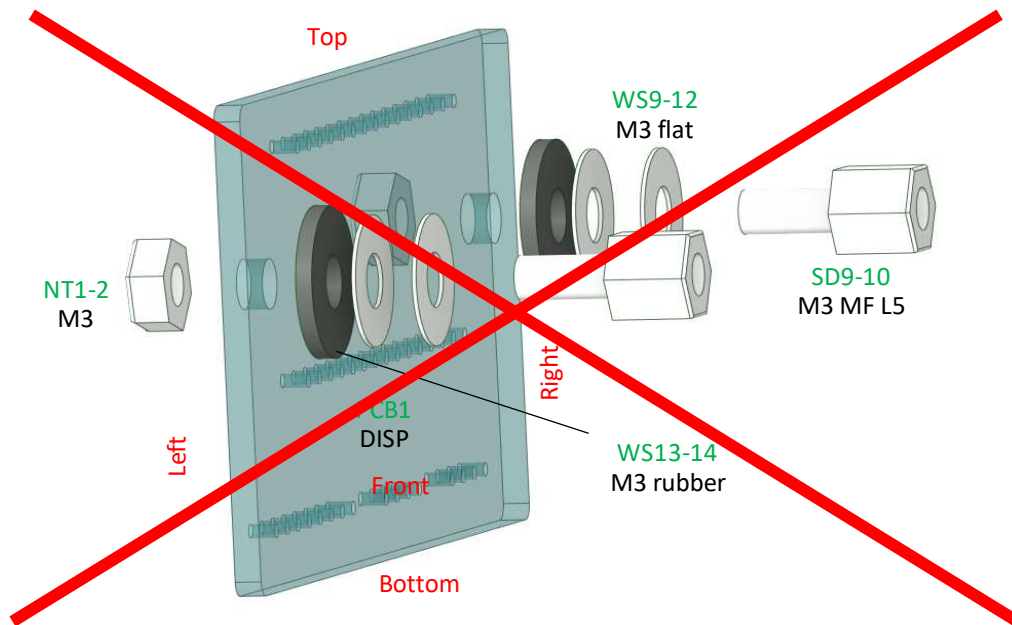
2024/04/03



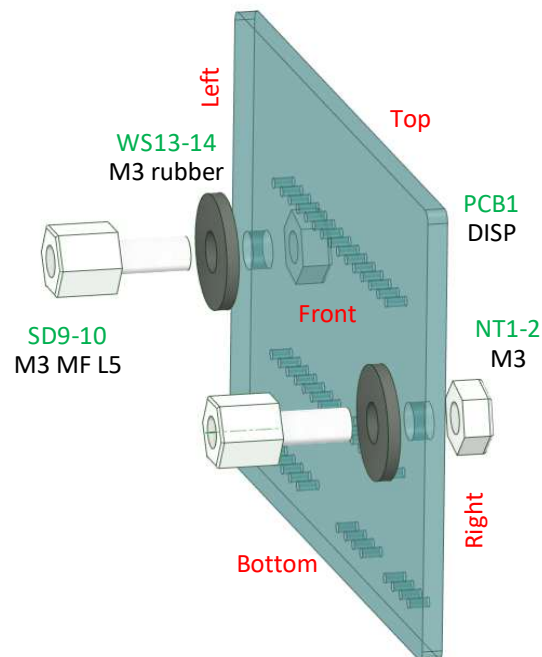
Modules*** VR Module***** Rotary SW Module**

* DISP Module

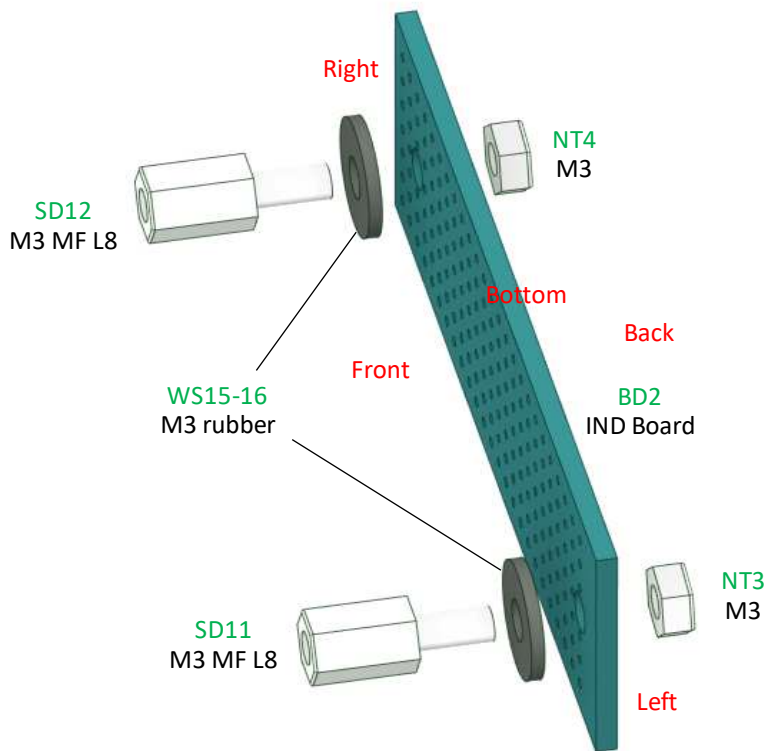
2024/04/09



WS9-12 are omitted because the height of the 7-seg LED HDSP-H153 is lower than LA-601EL.

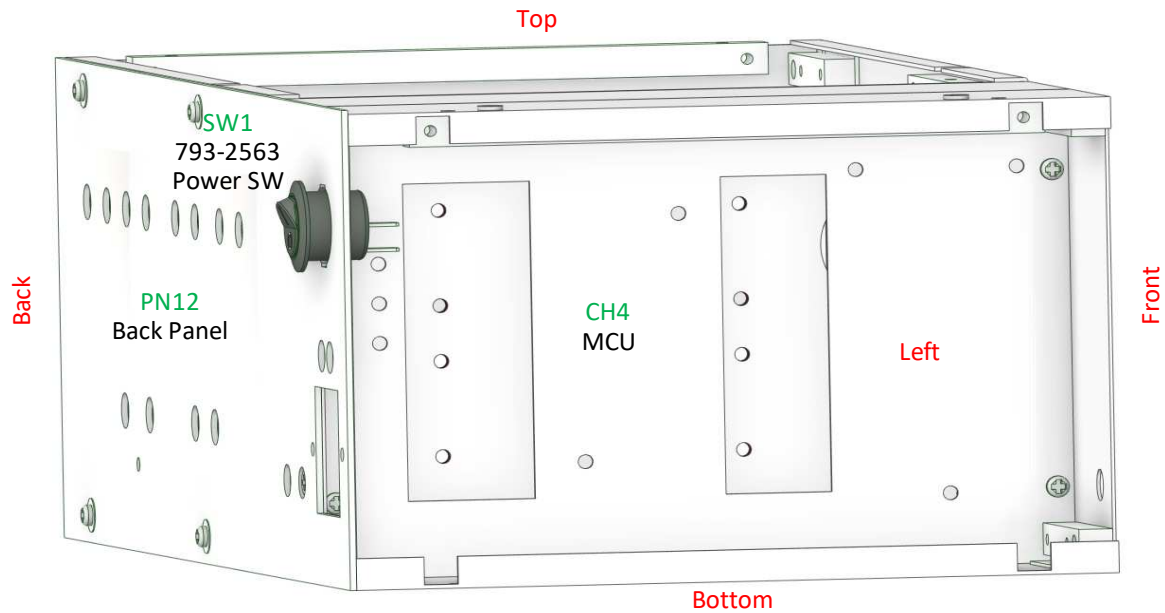
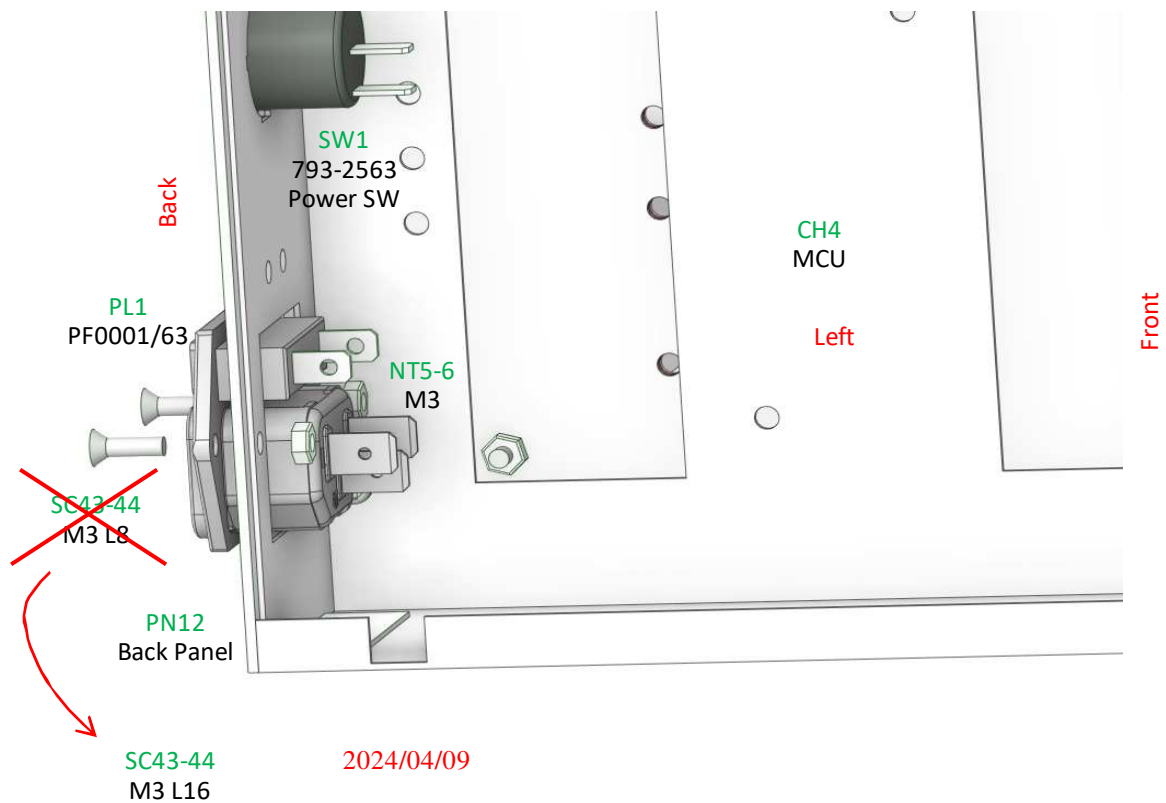


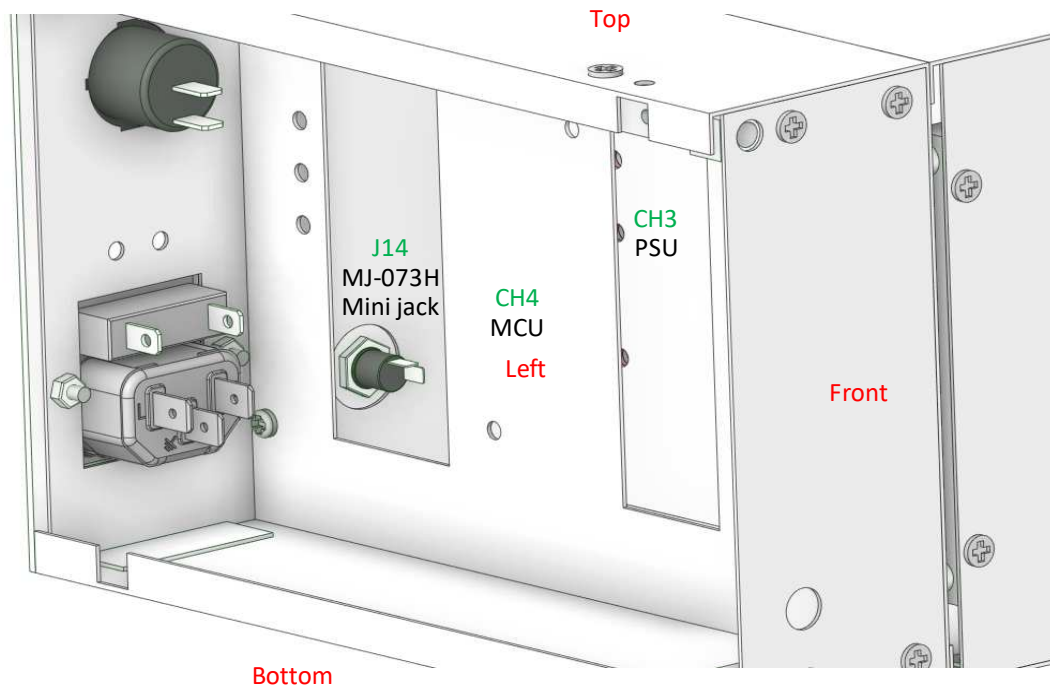
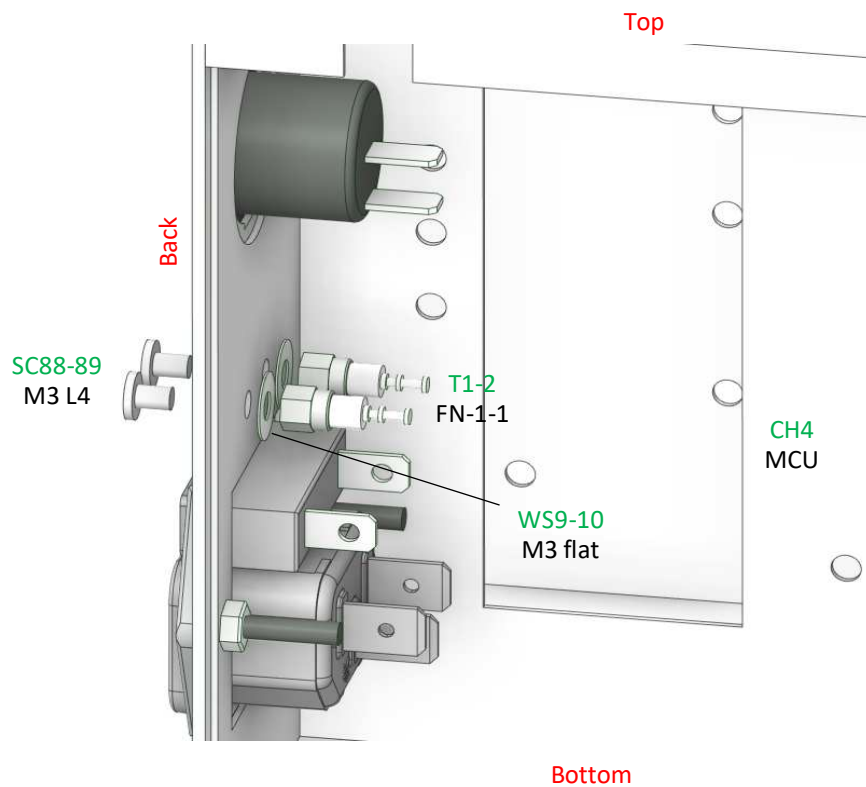
* IND Module

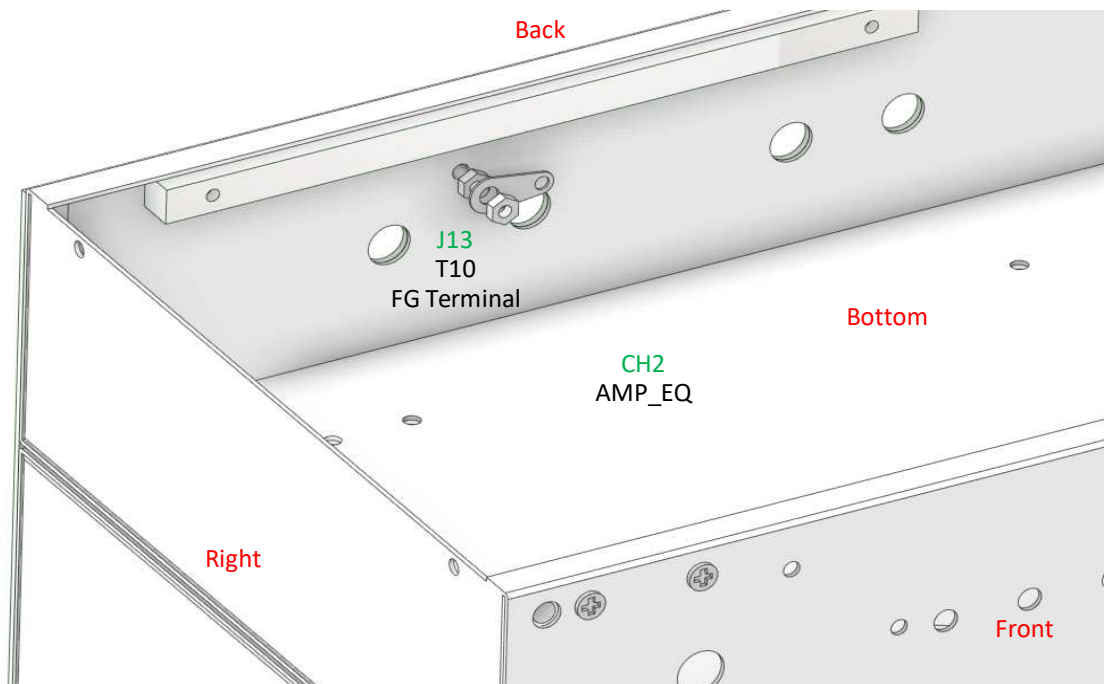
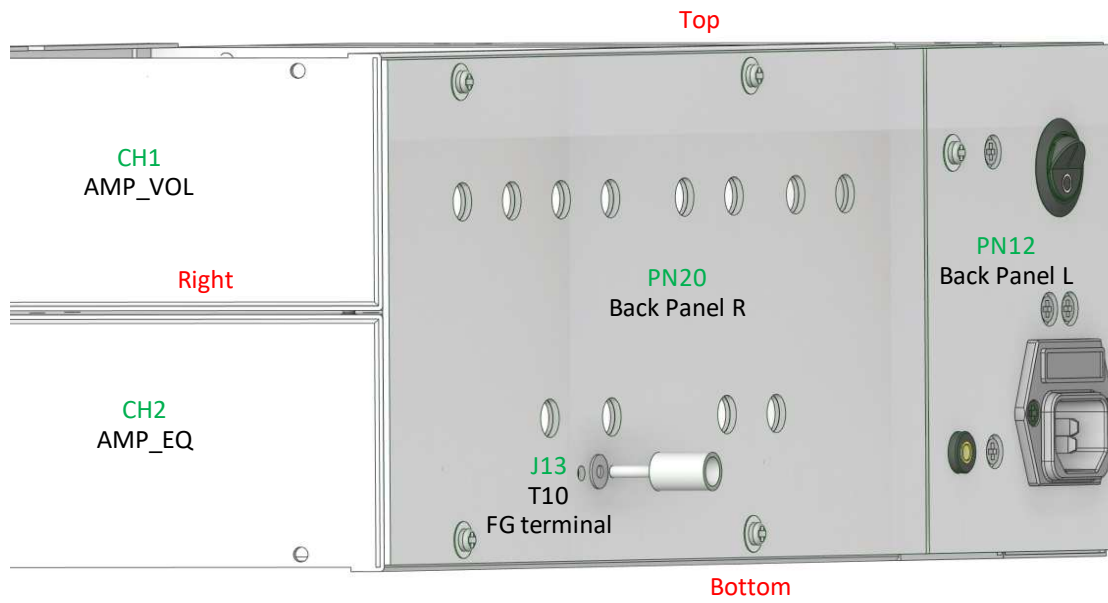


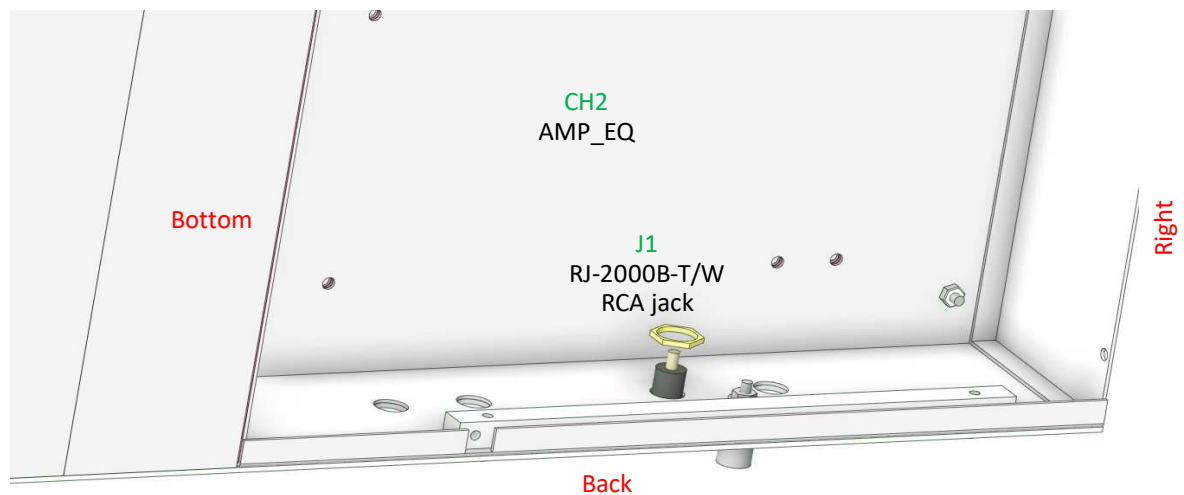
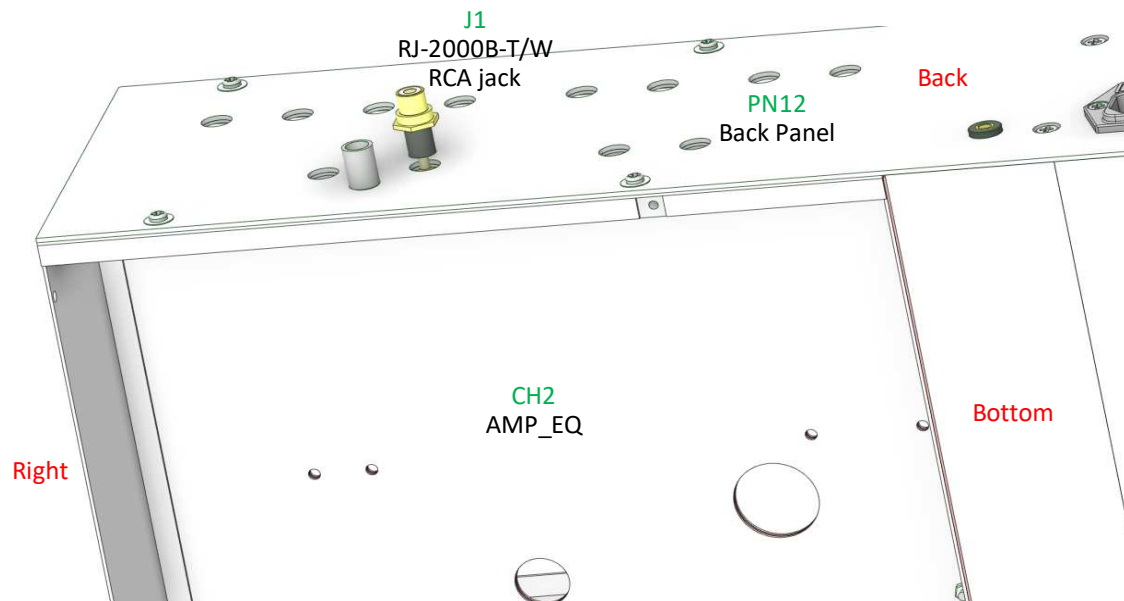
Panel Mount Parts

Detach panels, PN1-3, 6-7, 15, from enclosure beforehand.

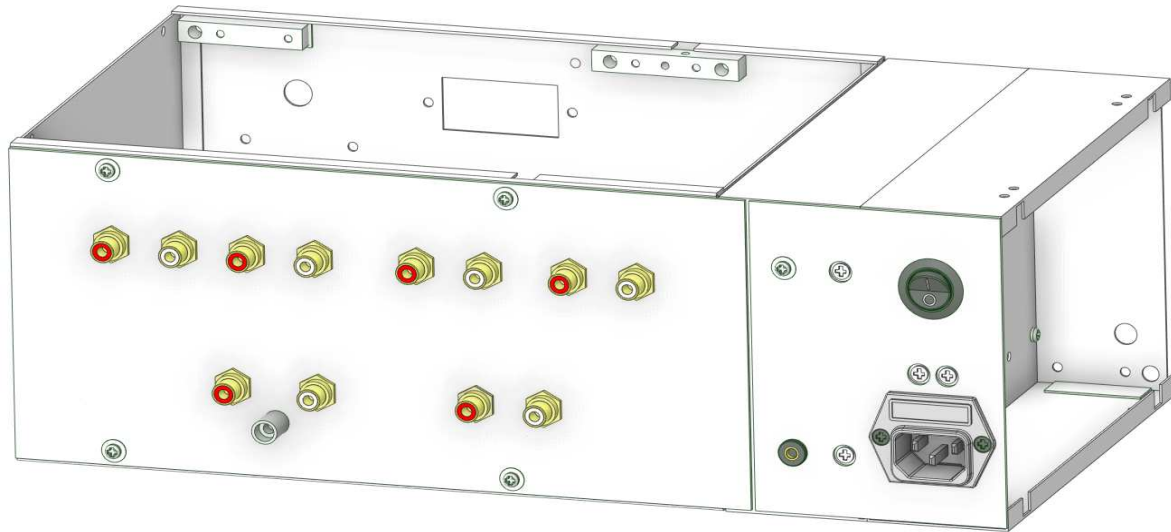
*** Power SW***** AC Inlet**

*** Mini jack***** Stand-off terminals**

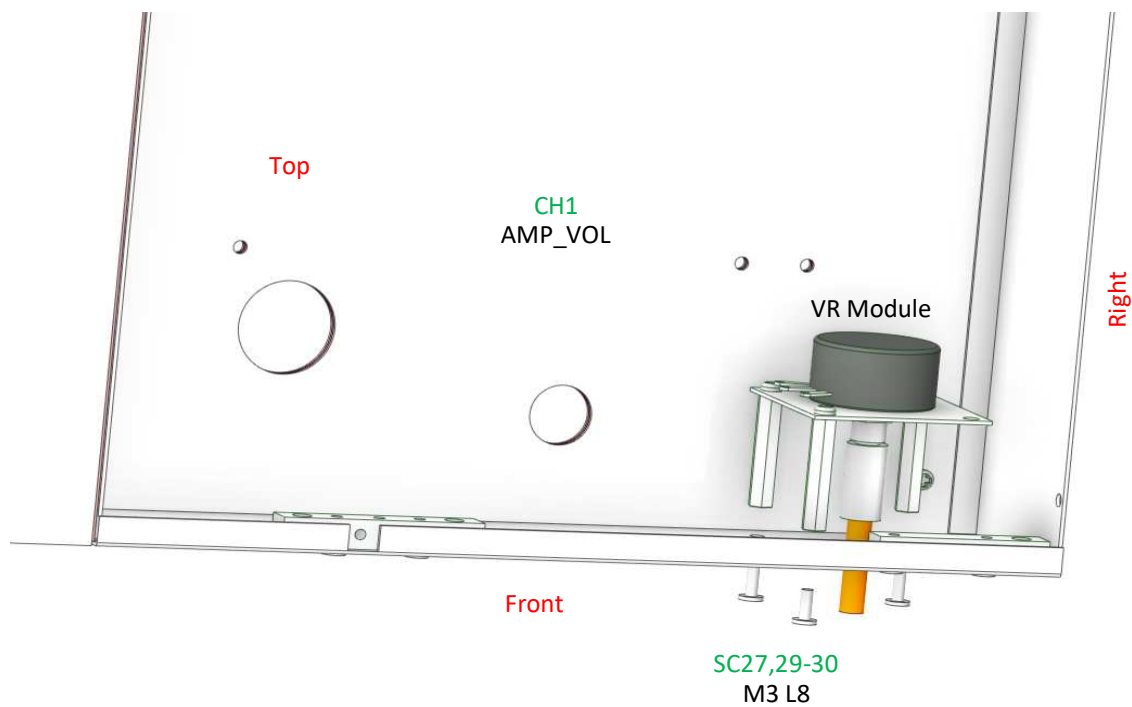
*** FG terminal**

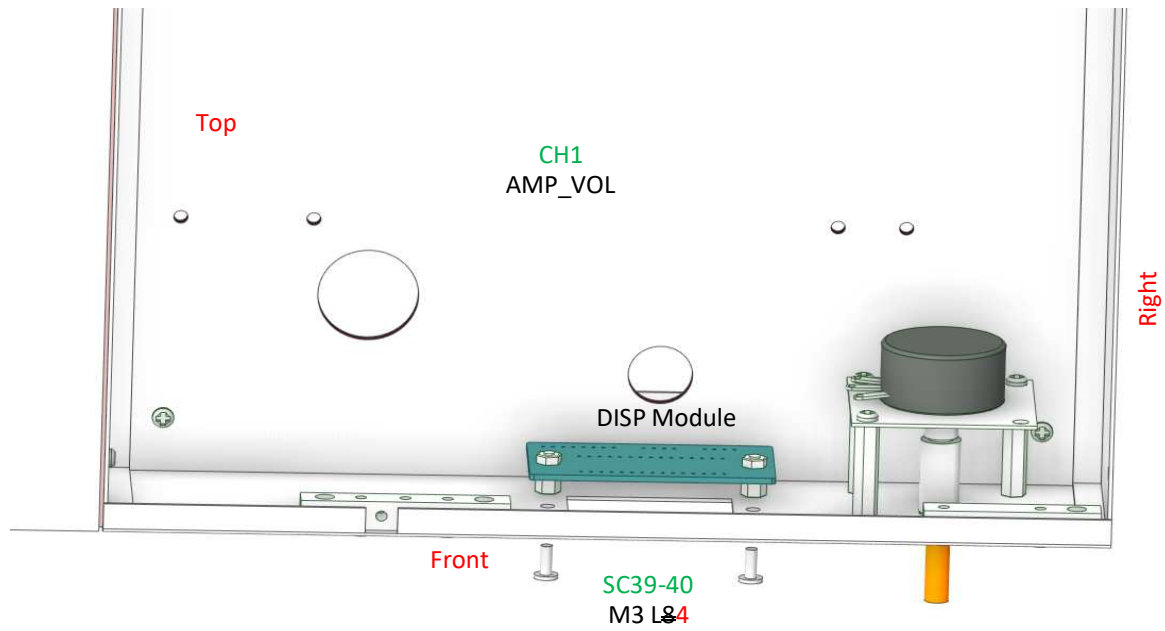
*** RCA jacks**

J2-12 are mounted as J1

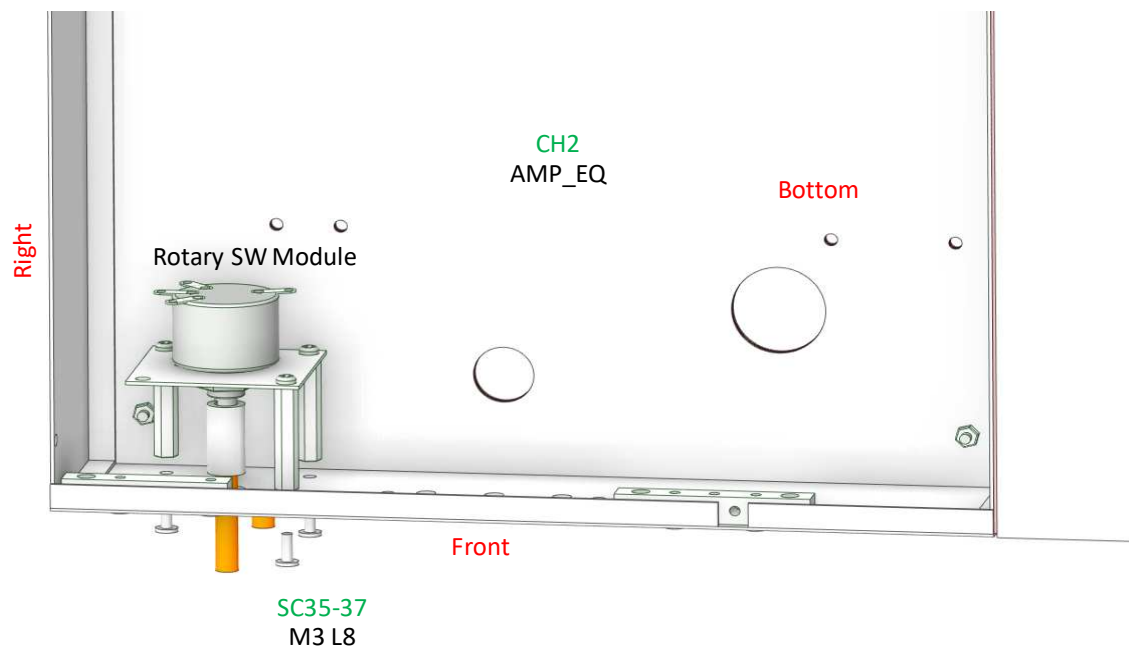


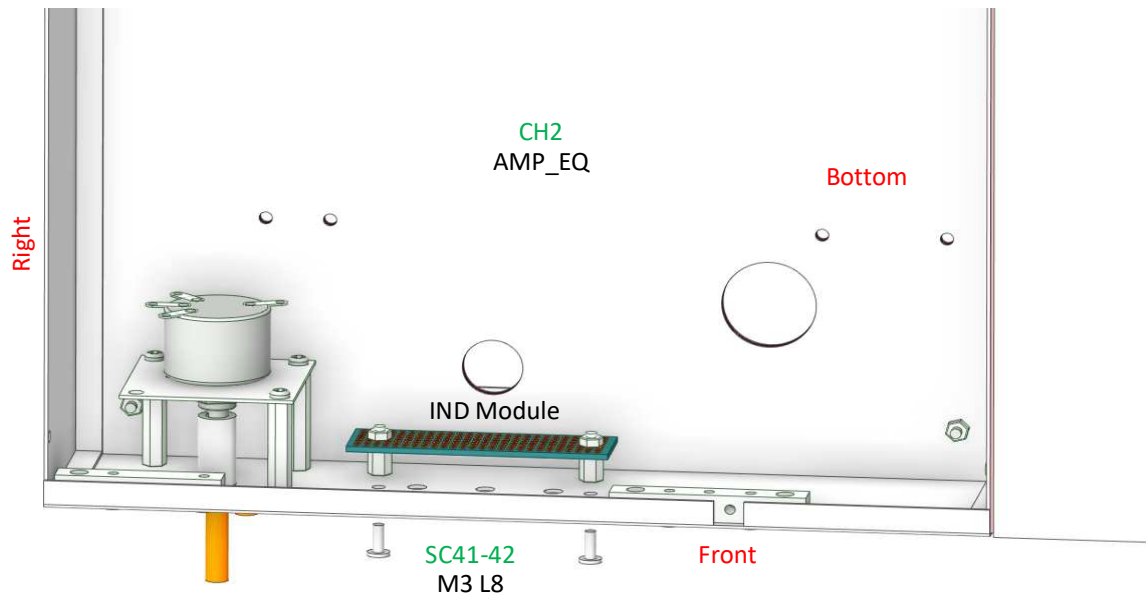
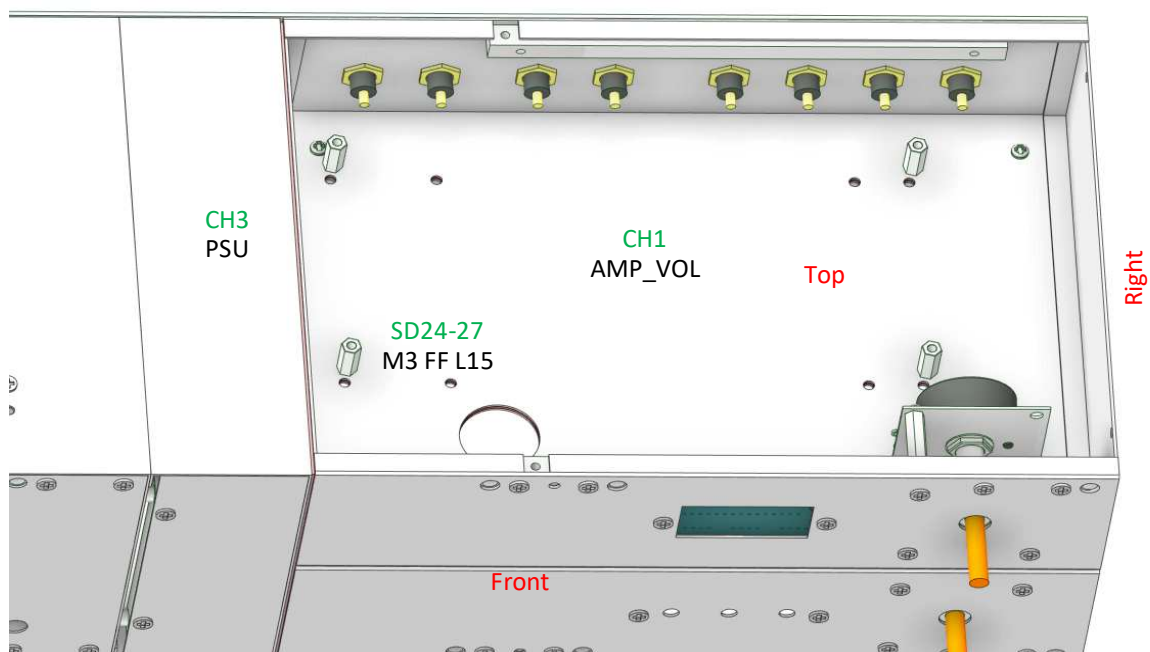
*** VR Module**

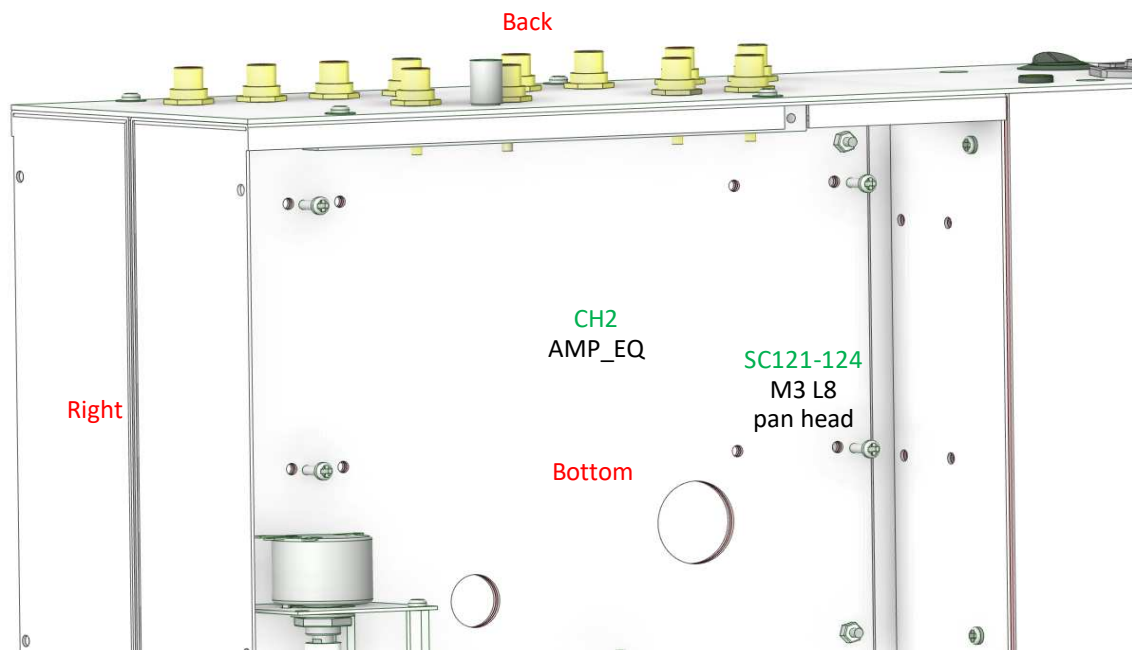


*** DISP Module**

2024/04/09

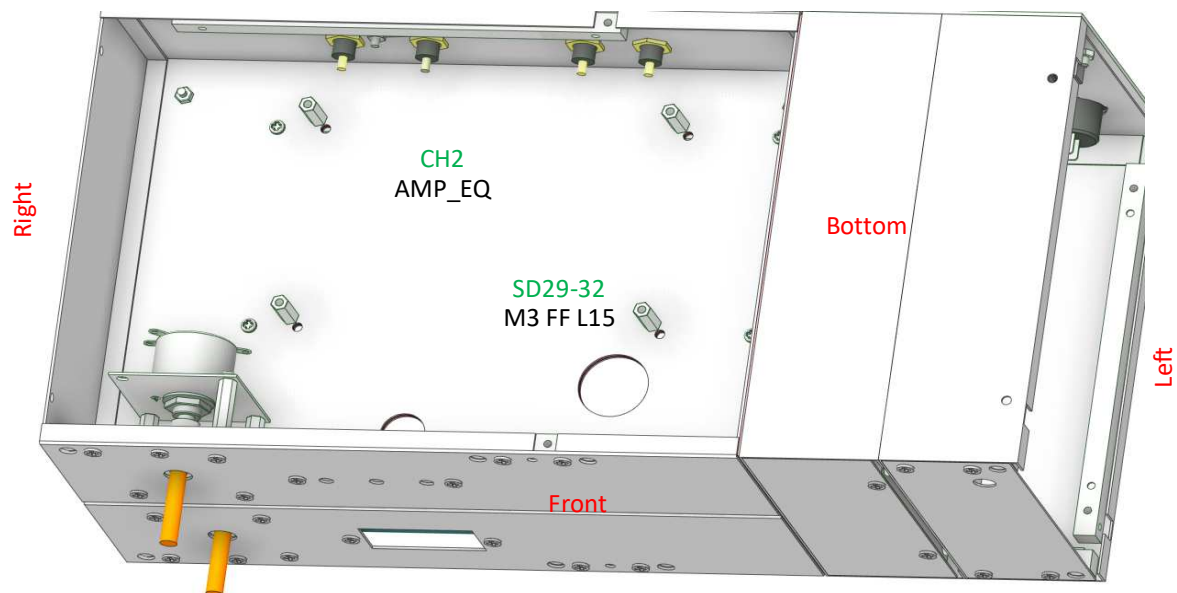
*** Rotary SW Module**

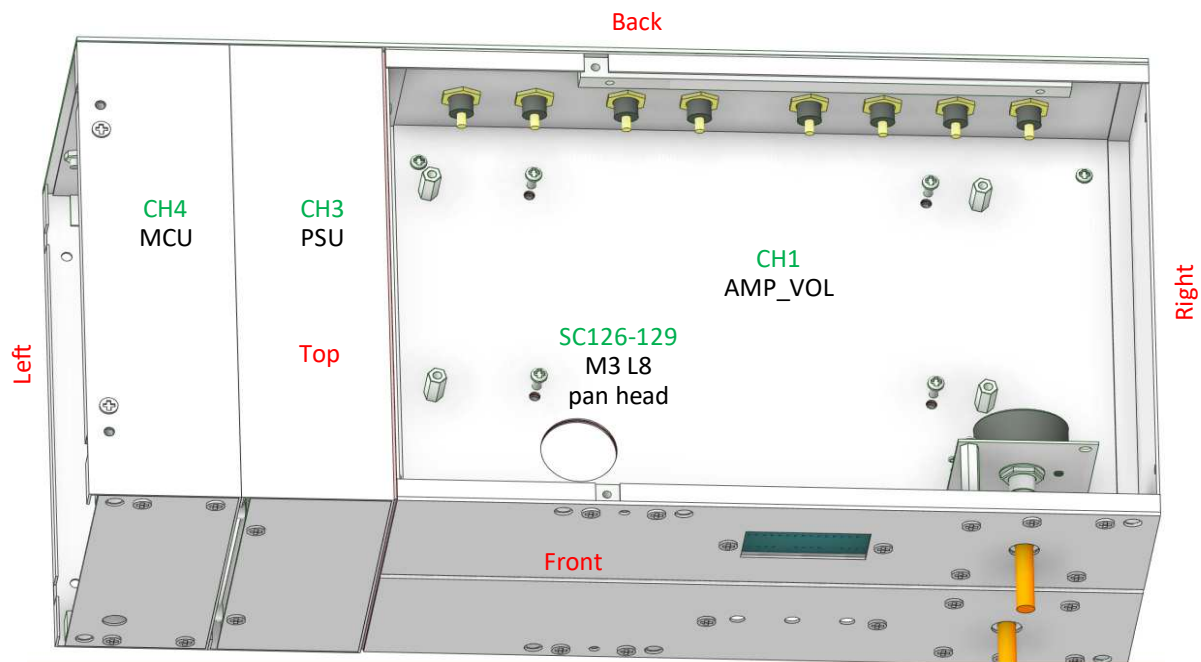
*** IND Module****Module Mounting Studs***** BD4 VOL Board**



Check the positions of the studs.

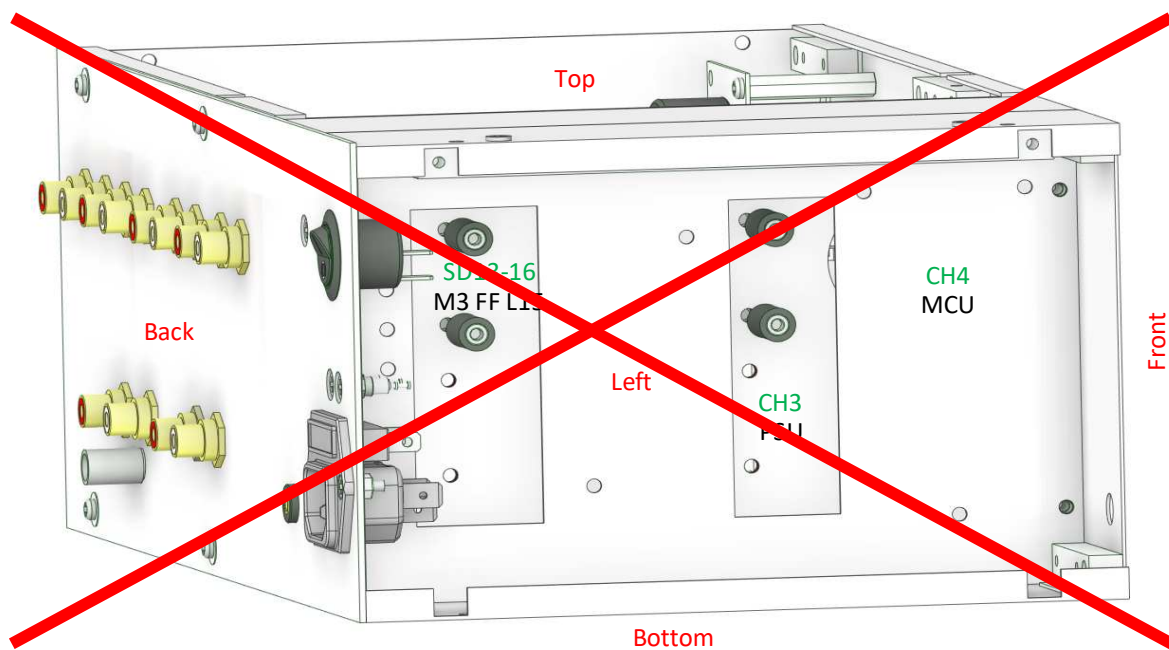
*** BD5 EQ Board**



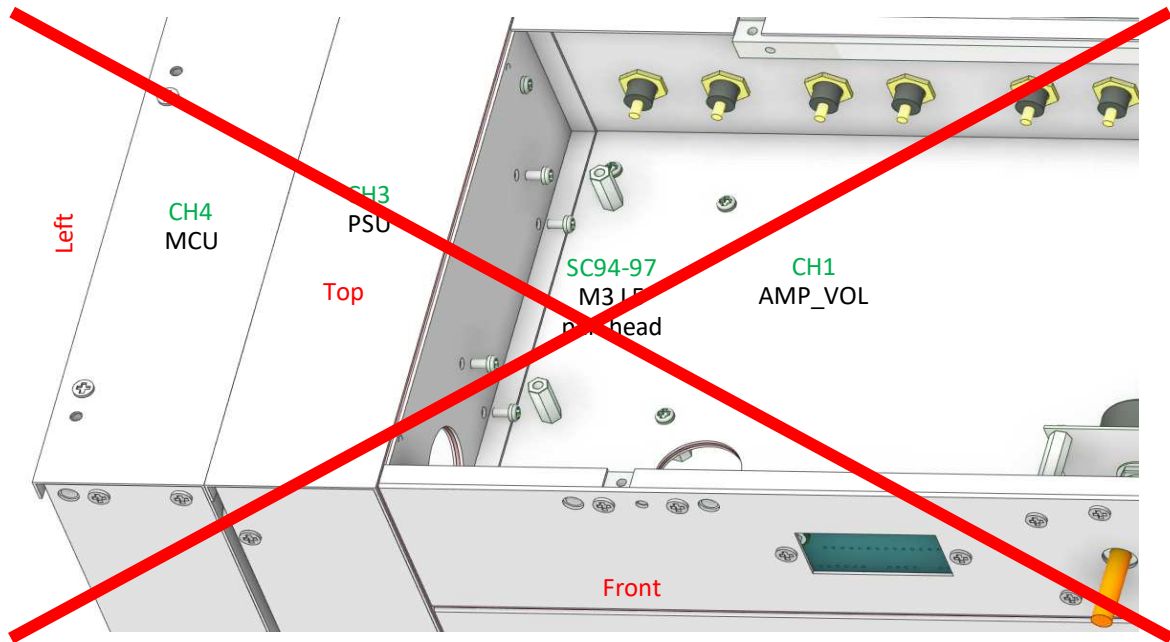


Check the positions of the studs.

* PS1 +23V

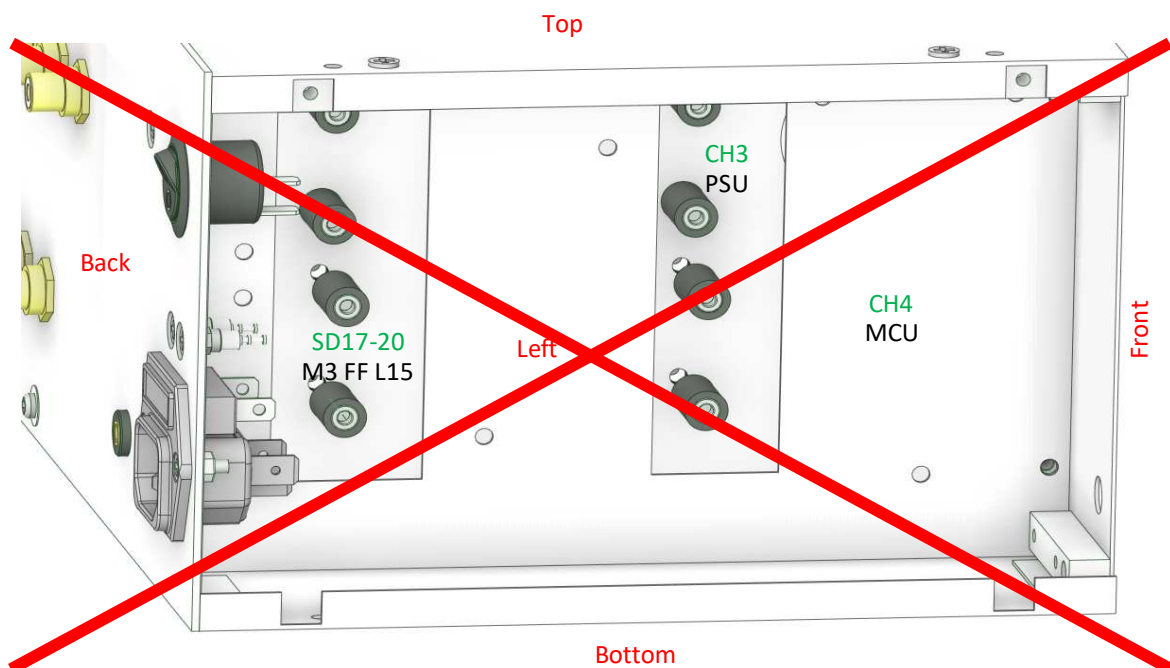


SD13-16 must be attached when CH3 is fixed to CH1-2.

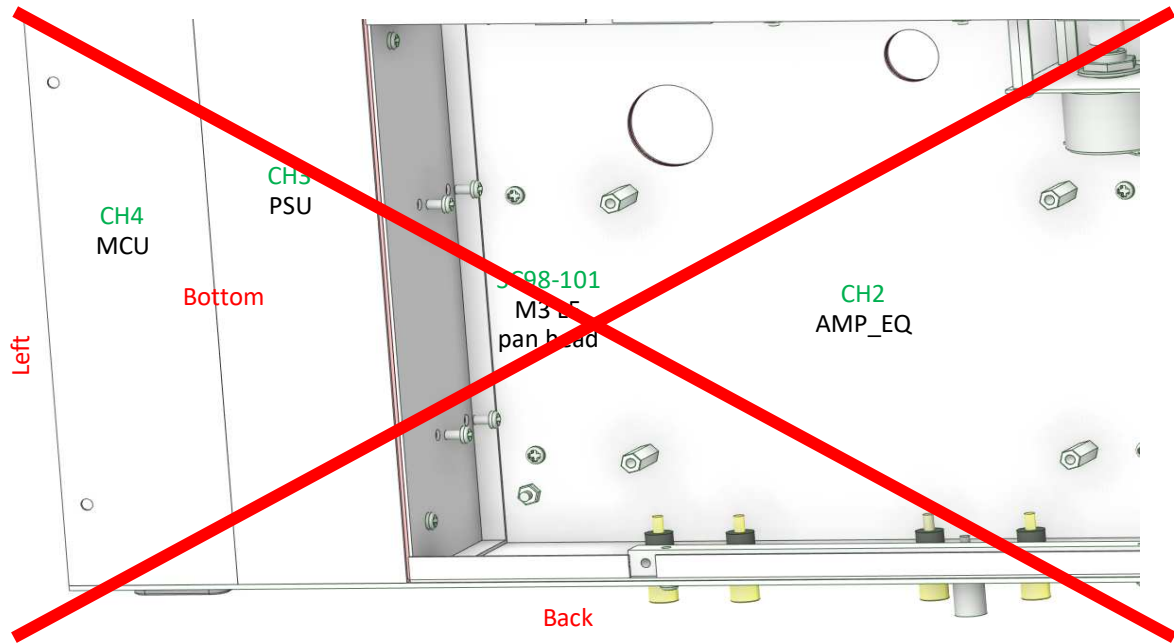


Check the positions of the studs.

* PS2 -23V

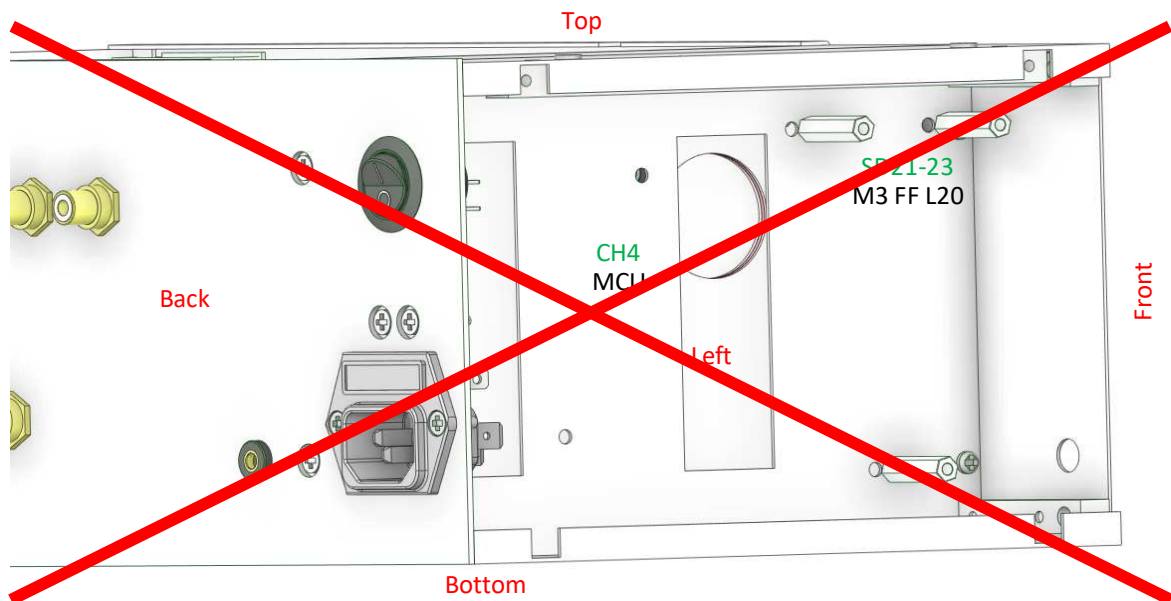


SD17-20 must be attached when CH3 is fixed to CH1-2.

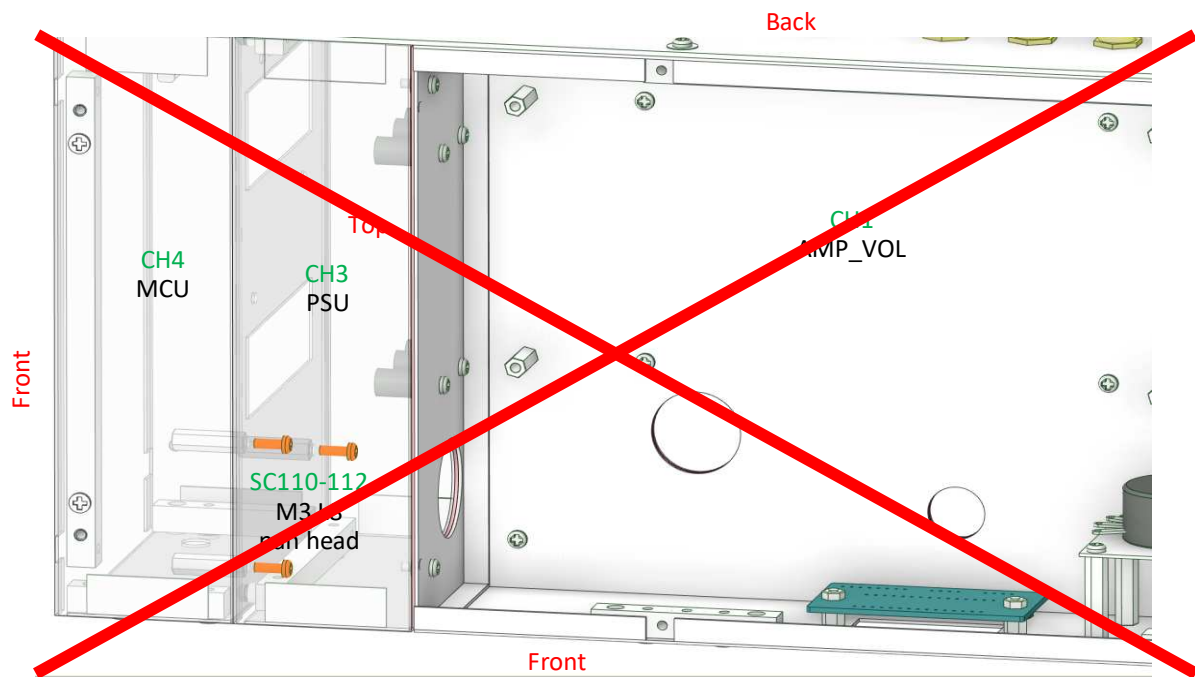


Check the positions of the studs.

* BD3 MCU



SD21-23 must be checked before CH4 is fixed.



Check the positions of the studs.

Front Panels

An error was found!

There is no clearance between SB1 and PN9 Front Panel R and PN11 Clear Panel R.
And, SB1 conflicts SC14,18.

Revision

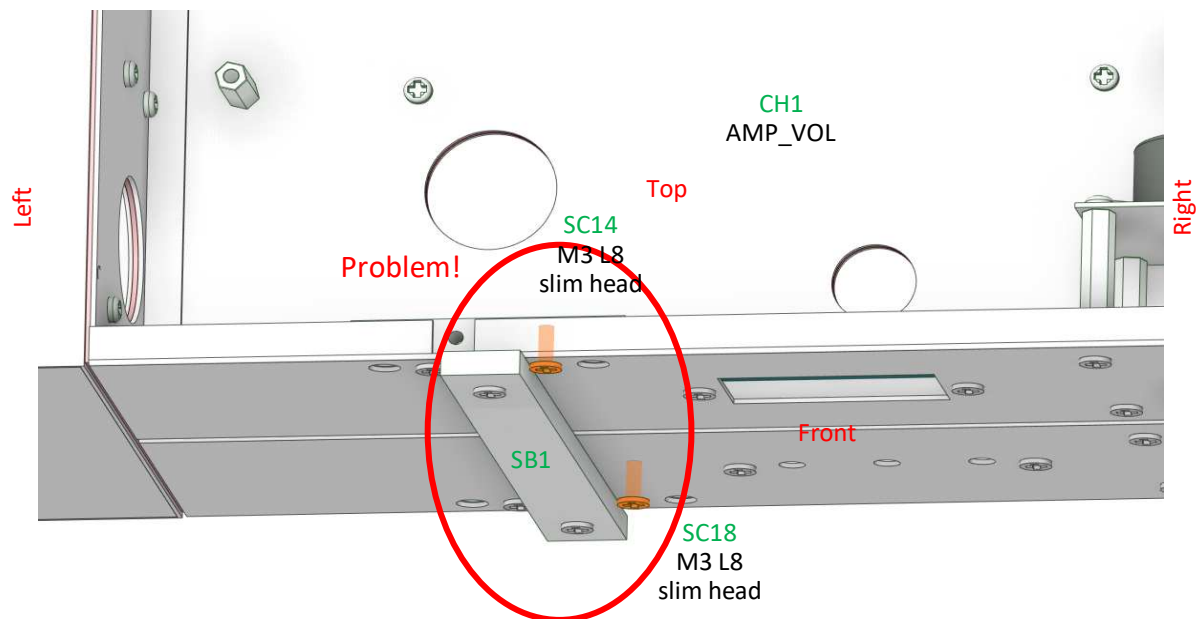
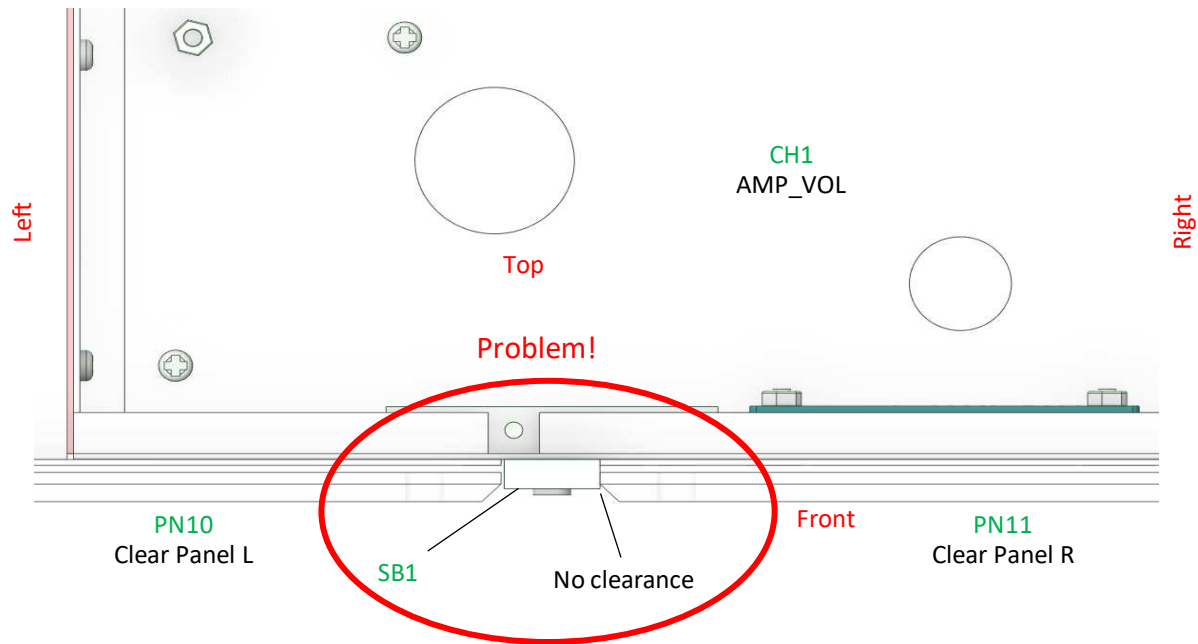
PN18 Spacer F is added to avoid the conflict.

Aluminum panel: 1 x 12 x 128mm

~~PN19 Ornament substitutes SB1.~~

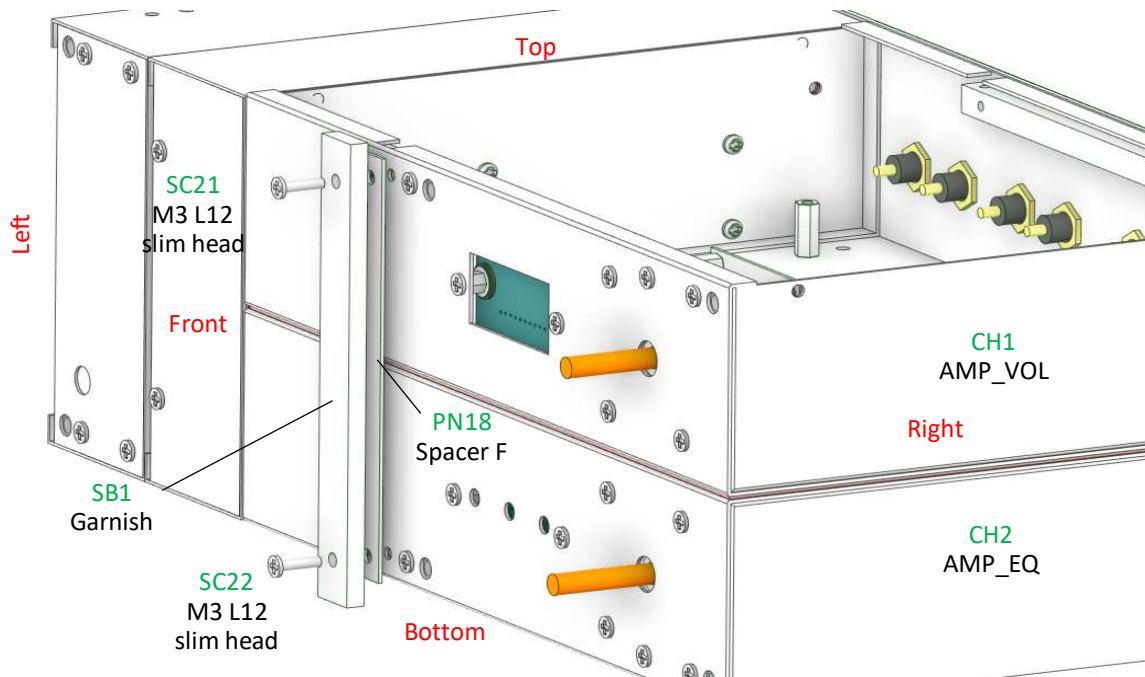
~~Aluminum panel: 1.5 x 14 x 131mm~~

SB1 is better than PN19 in appearance

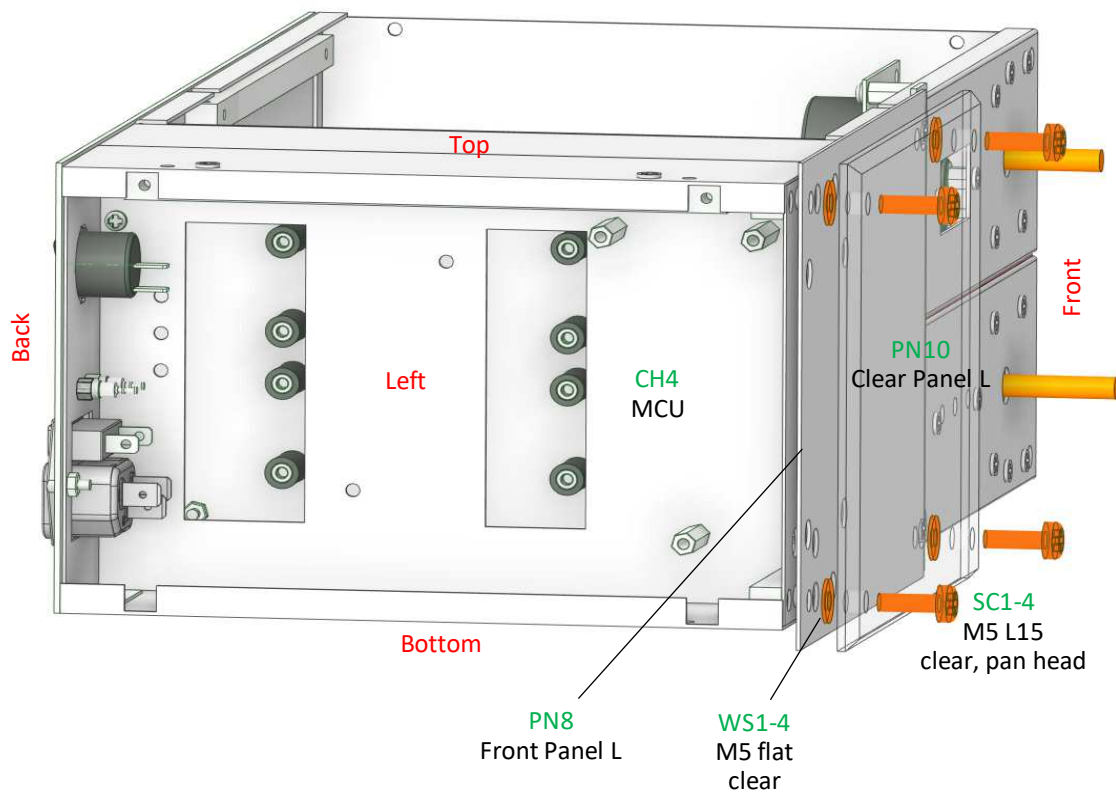


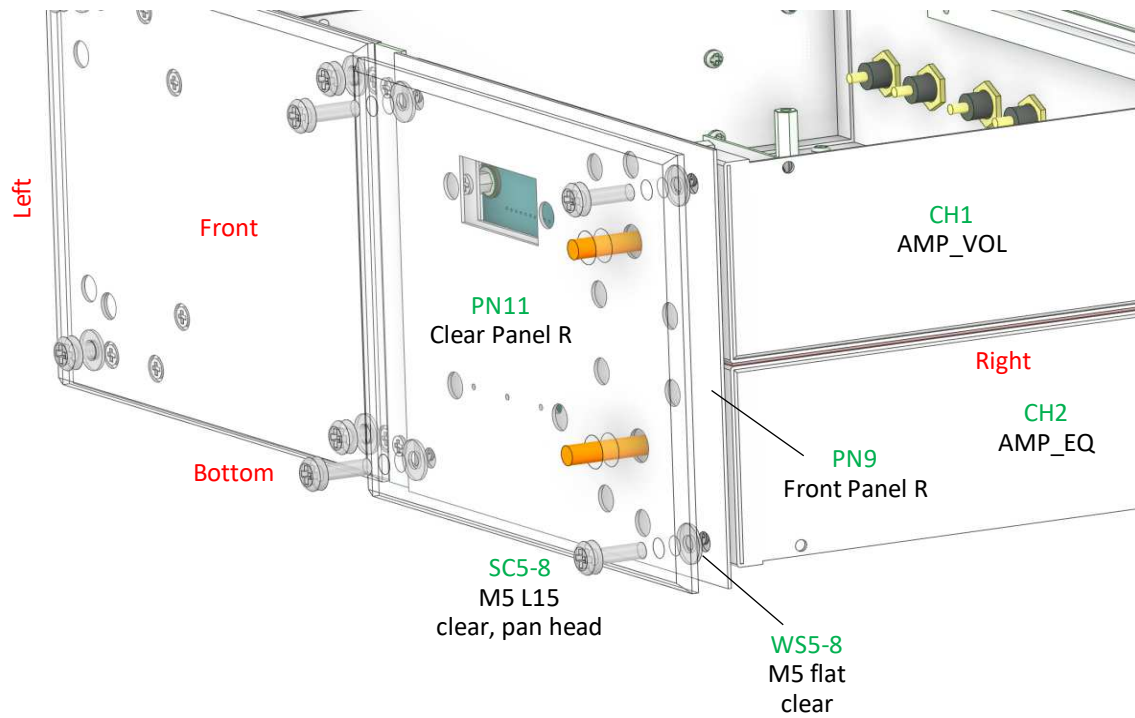
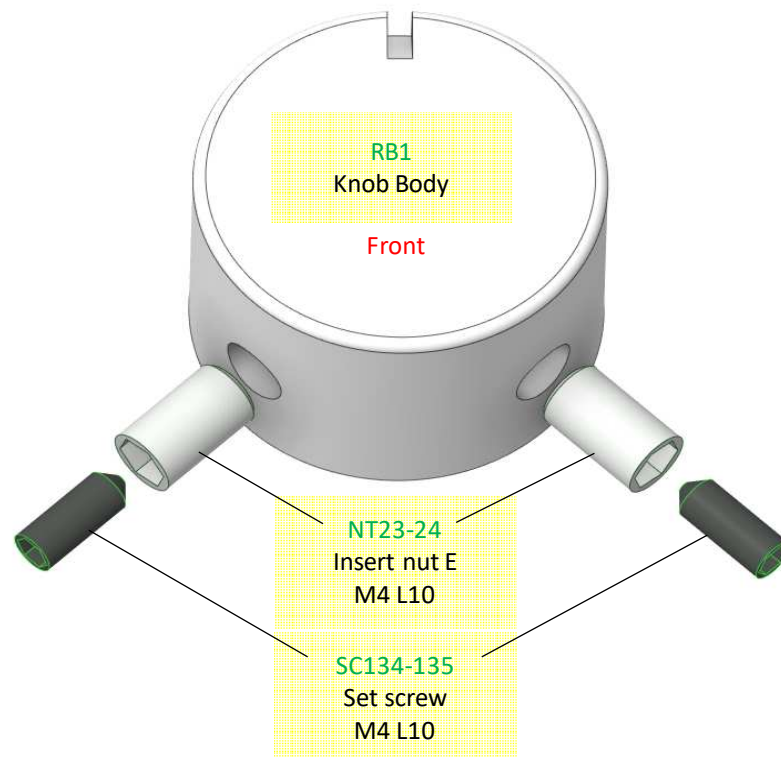
This problem can be solved by using 1mm-thick spacer (PN18).

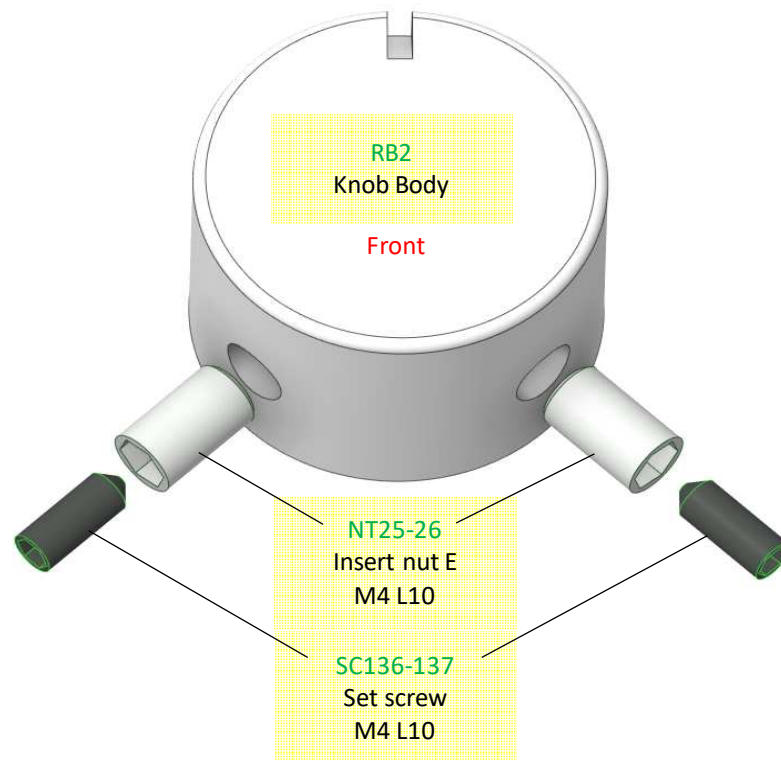
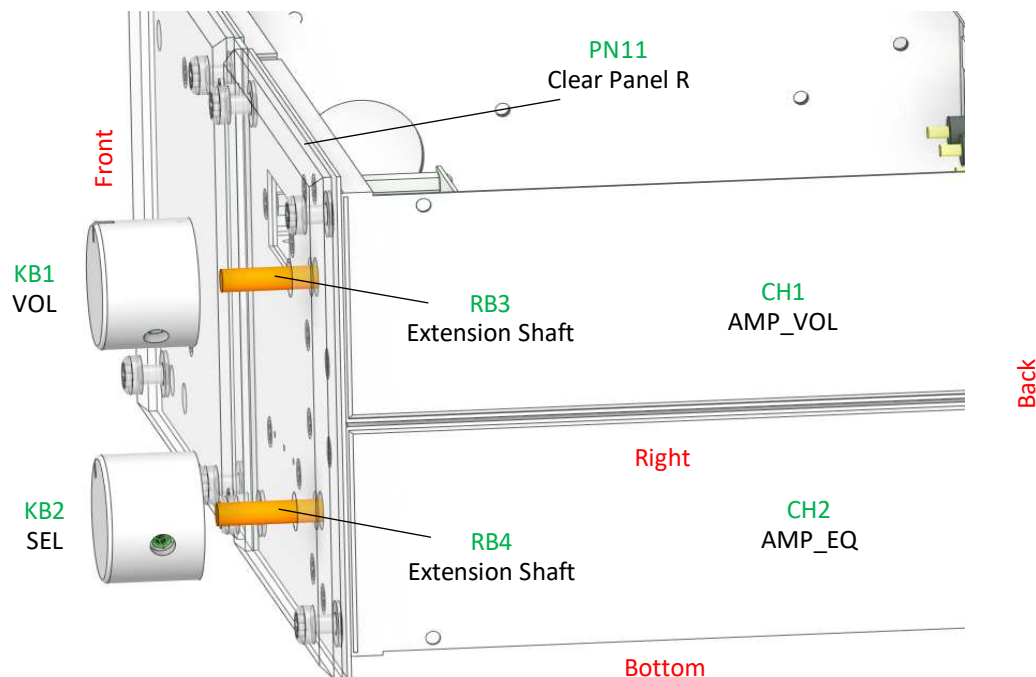
2024/03/26

*** Ornament**

SC21-22: L8 ==> L12

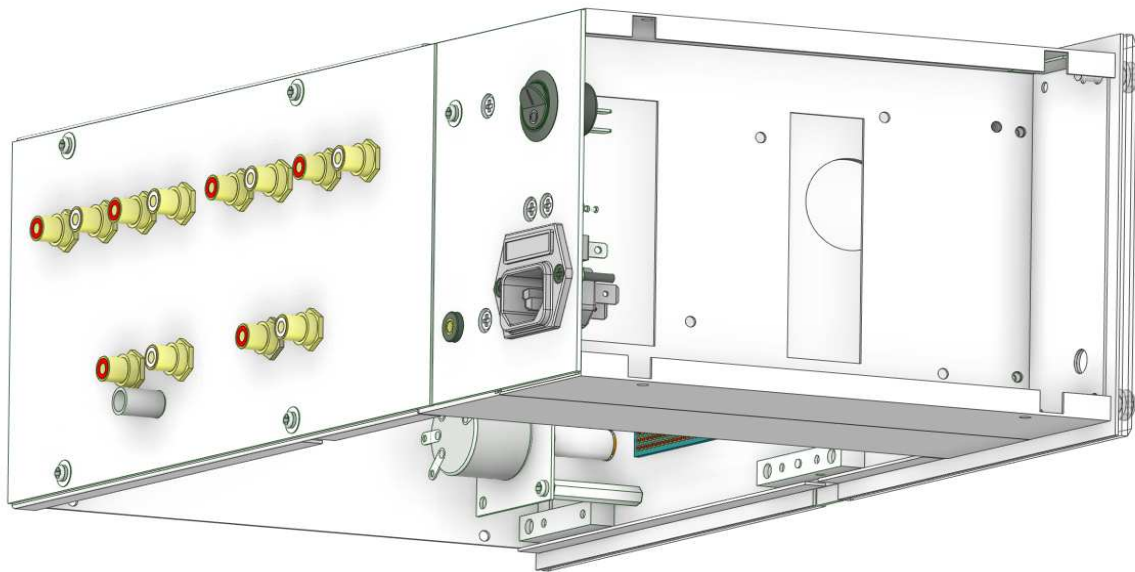
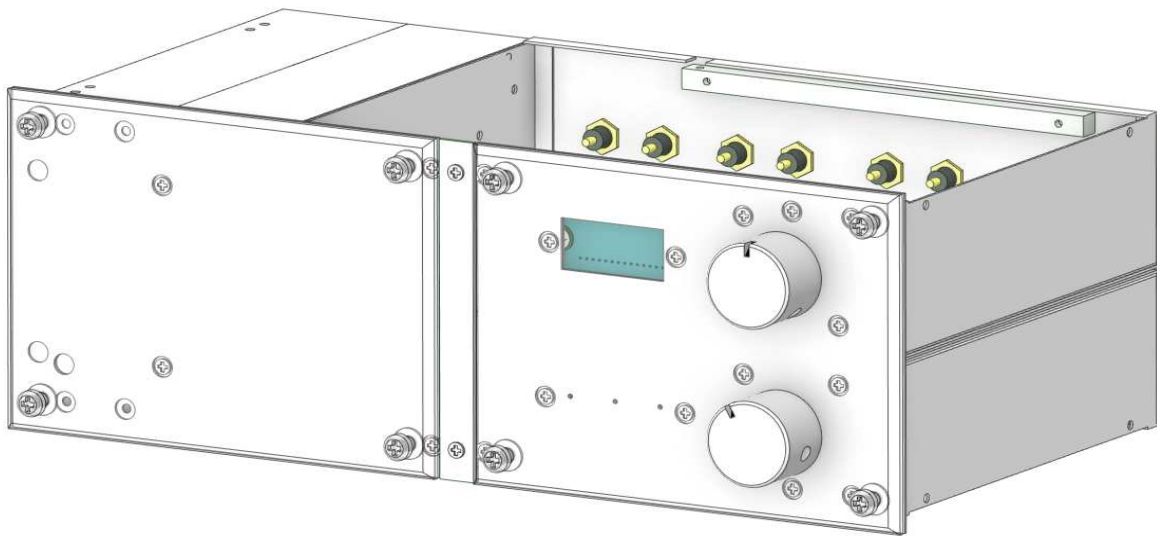
*** Front Panel L**

*** Front Panel R****Knobs***** KB1 VOL**

*** KB2 SEL***** Attach knobs**

Trim RB3-4 so that the clearance between the knobs (RB1-2) and Clear Panel R (PN11) becomes 1mm.

Completed!



Disassemble the enclosure, and wash and clean the parts.

[END OF DOCUMENT]