

7800FR-QT-KIT INSTALLATION INSTRUCTIONS

Follow the instructions outlined below to upgrade your 7800FR frame using the 7800FR-QT-KIT retrofit kit:

1. Open the front panel door and turn off the power to the frame.
2. Remove the front door by unscrewing and removing the two small mounting screws that are attaching the door to the frame (these screws are located on the bottom of the rack).
3. For both power supplies, locate each power supply mounting screw on the rear of the frame. This screw is the top right screw holding the fan guard in place, and is indicated by the legend PSU mount, below:



4. Remove the power supply mounting screw on both power supplies (or fan module).
5. Pull the power supplies out of the frame.
6. Insert the new power supplies (7800PS-QT) or fan module (7800PS-QT-FM) into left and right slots of the frame taking care that they are properly aligned with the card guides. Press firmly to ensure that the power supplies are fully seated into the rear panel connector.



NOTE: The 7800PS-QT power supplies are longer than the original 7800PS power supplies. When the new power supplies are installed an extra metal piece (identified as the power supply connectors) will be hanging over the ledge of the frame. Please note that once the new mounting hardware frame is installed, the power supply connectors will be covered.

7. For both power supplies, reinstall the power supply mounting screws from the rear of the frame.
8. Remove the four rack mount screws that fasten the 7800FR frame to the equipment rack.



NOTE: If the frame is mounted directly on top of another piece of equipment you can use this equipment to support the 7800FR frame while you remove the rack mount screws. Otherwise, if the frame is mounted with a space beneath it, you will have to support the frame properly before you remove the rack mount screws.

9. Attach the new front panel assembly to the frame by lining up the front panel mounting holes to the rack screw holes. Secure the front panel assembly to the original frame by installing 3 of the 2.5mm x 30mm screws in the top extrusion extension bar and installing 2 of the M3 x 30mm screws in the in bottom extrusion extension bar (screws are labeled A and B respectively in Figure 1). On frames that have lots of holes in the bottom extrusion you will have to use 2 of the 2.5mm x 30mm on the bottom (same screws as the top)



Please note that the upper 3 screws (Type A: Part # HSCREW-M2.5X30PP) and lower 2 screws (Type B: Part # HMM3X30MMPHCH) are typically different types of screws. Note that type A screw is thinner; and type B screw is thicker. Ensure you are using the correct type of screw before installing it into the new mounting frame. Some of the older frames have lots of holes in the bottom extrusion - you will have to use the 2 extra type A screws in the kit on the bottom. Please do not force the incorrect screw into the unit, as this could cause damage to the mounting frame.

10. When installed correctly, the front panel door will open/close smoothly and the door will lock into the power supply connectors when it is closed.
11. Re-install the four rack mounting screws that were removed in step 8 by feeding them through the mounting frame, frame ears, and rack. Fasten these screws into place to ensure the frame is securely mounted to the equipment rack and that the retrofit kit is properly secured to the front of the 7800FR frame.
12. Turn on the power switch for the power supplies. After a few seconds you should see the PSU STATUS LED come on indicating that the power supply and unit is working correctly.

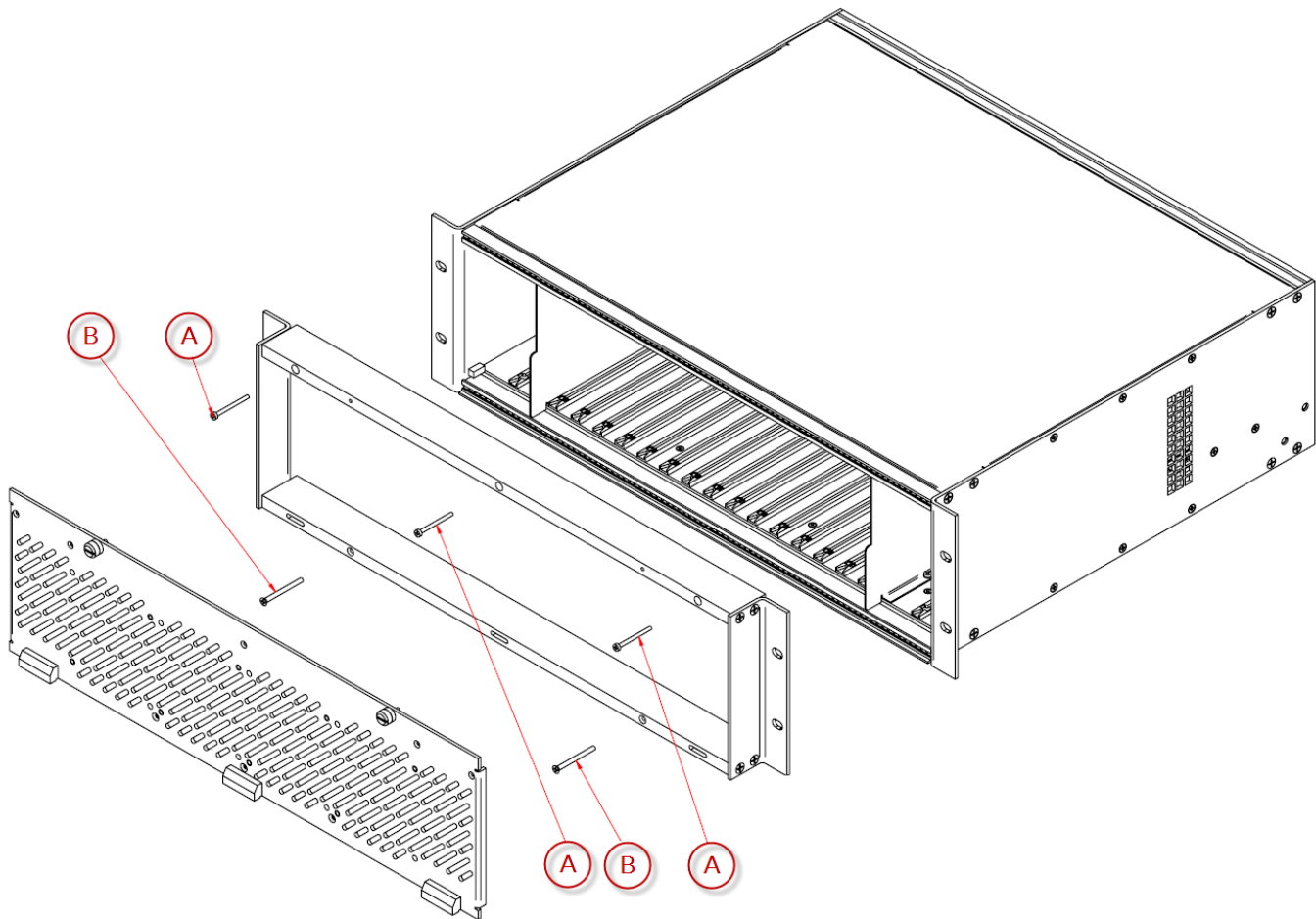


Figure 1: 7800FR-QT Retrofit Kit Installation