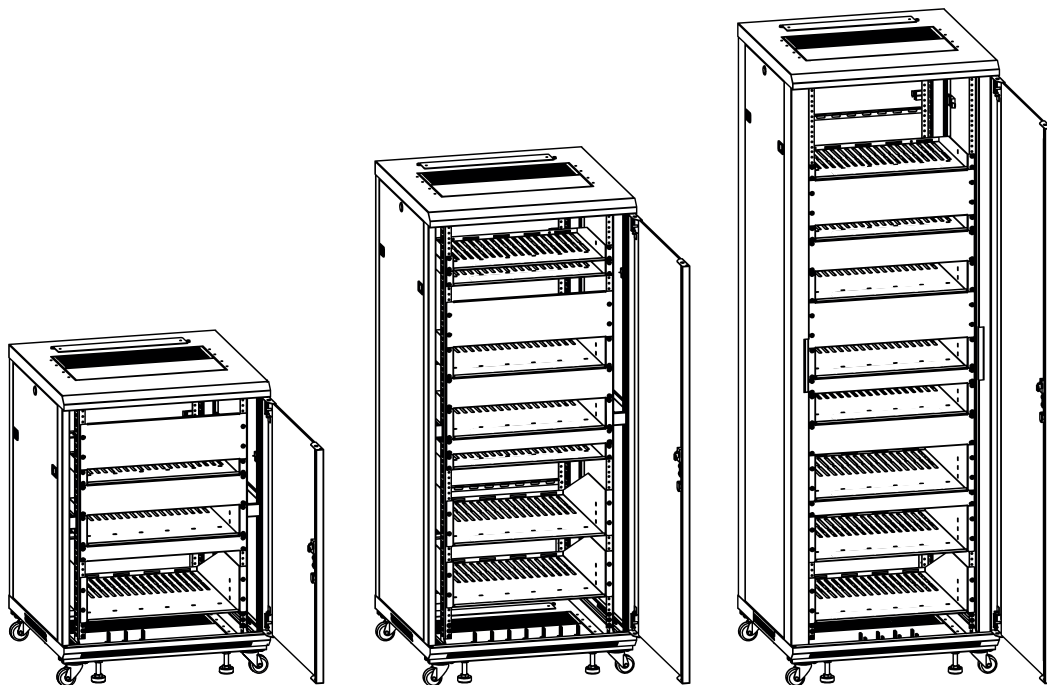




SAFR15, SAFR27, SAFR36

Instruction Manual



We are here to help!

Thank you for choosing AVS. Before beginning installation, please check all parts are included and undamaged. AV Supply Group (AVS) intends to make this manual accurate and complete. However, AVS makes no claim that the information contained herein covers all details, conditions, or variations. Nor does it provide for every possible contingency on connection with the installation or use of this product. The information contained in this document is subject to change without notice or obligation of any kind. AVS makes no representation of warranty, expressed or implied, regarding the information contained herein, AVS Assumes no responsibility for accuracy, completeness or sufficiency of the information contained in this document.

For any parts enquiries, please contact AV Supply Group as below:

New Zealand P 64 9 274 9172
E info@avsupply.co.nz

Australia P 61 3 9071 4585
E info@avsupplygroup.com.au

IMPORTANT SAFETY INSTRUCTIONS – SAVE THESE INSTRUCTIONS – PLEASE READ ENTIRE MANUAL PRIOR TO USE

Thank you for choosing a AVS Componet Series Rack. The SAFR series is designed to support audio/video equipment.

The total weight capacity for the SAFR series:

SAFR15 226.8 kg (500 lb)

SAFR27 340.2 kg (750 lb)

SAFR36 385.5 kg (850 lb)

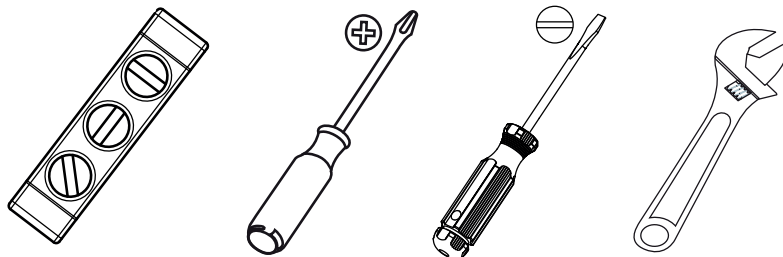
Each 3U shelf supports up to 36.3 kg (80 lb), each 2U shelf supports up to 22.7 kg (50 lb), and each 1U shelf supports up to 13.6 kg (30 lb).

⚠ CAUTION: Avoid potential personal injuries and property damage!

- ✦ Do not exceed the stated weight capacities.
- ✦ Do not shake, tilt, rock, sit, stand, or climb on your Component Series Rack. Tipping may cause injury or death.
- ✦ Do not move large racks by yourself; due to weight and height, assistance is required.
- ✦ Use extreme caution when moving a loaded rack! Push, DO NOT pull, loaded rack slowly over a short, smooth, level distance. Avoid sudden starts and stops to minimize the strain placed on casters.
- ✦ Do not use this product for any purpose not explicitly specified by manufacturer.
- ✦ If you do not understand these instructions, or have doubts about the safety of the installation, assembly or use of this product, contact manufacturer Customer Service or call a qualified contractor.
- ✦ Manufacturer is not responsible for damage or injury caused by incorrect assembly or use.

NOTE: Due to continuous product improvement, images shown in this manual may vary from actual product.

Tools

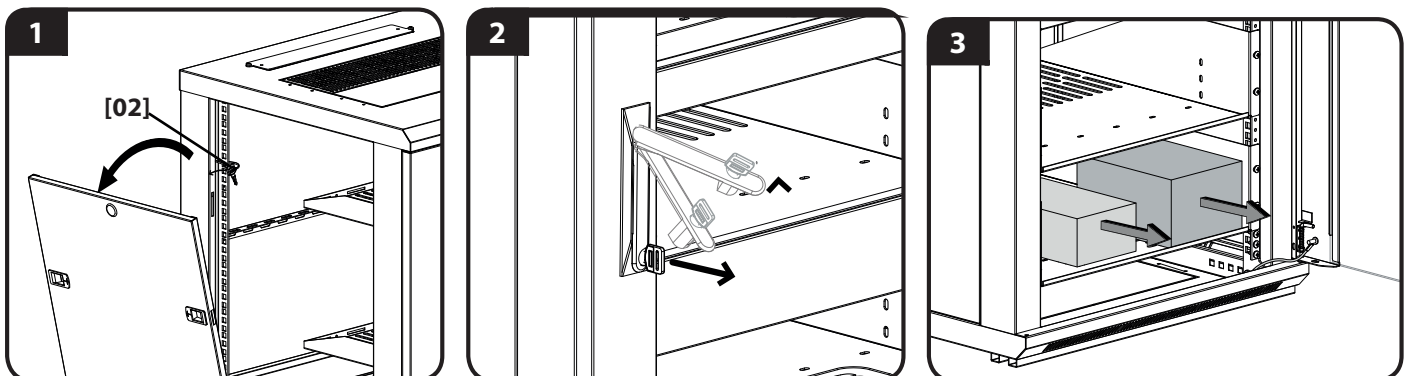


Supplied Parts and Hardware

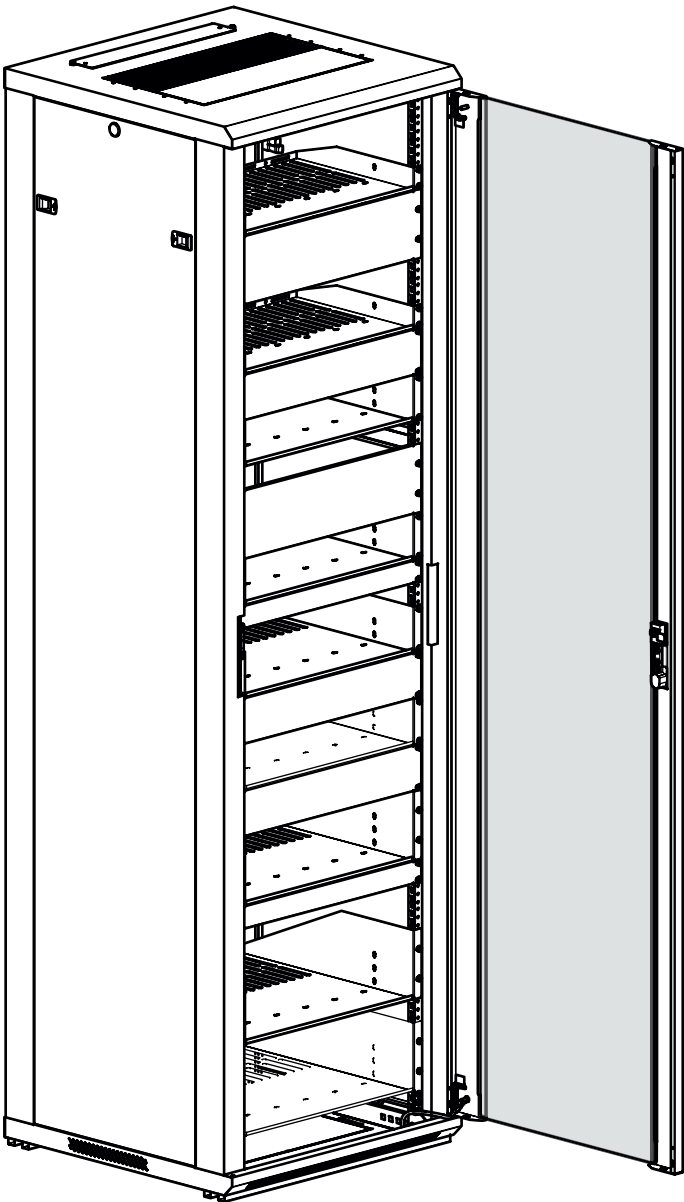
Before starting assembly, verify all parts are included and undamaged. If any parts are missing or damaged, do not return the damaged item to your dealer; contact Customer Service. Never use damaged parts!

Supplied parts are located inside of the rack. To access the parts:

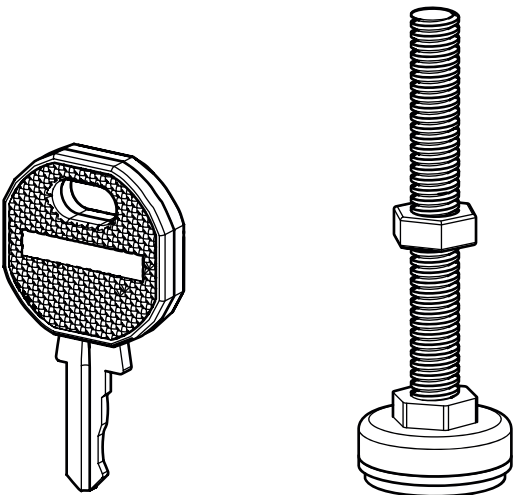
1. Remove side panel to access key.
2. Insert key into door lock and turn clockwise; pull door handle out and turn counter clockwise.
3. Open door and remove supplied parts.



Supplied Parts and Hardware

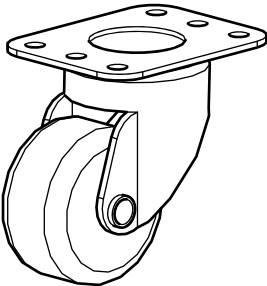


[01] x 1

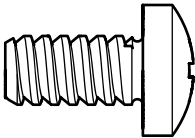


[02] x 2

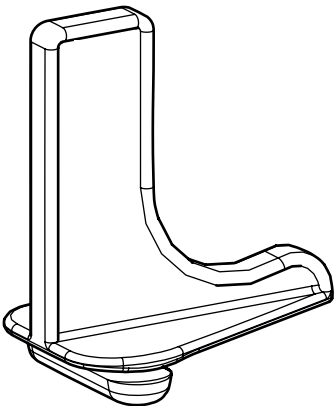
[03] x 4



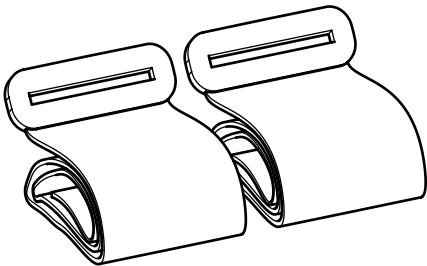
[04] x 4



[05] x 16



[06] x 1
1 Per Shelf
SAFR15 3
SAFR27 6
SAFR36 8

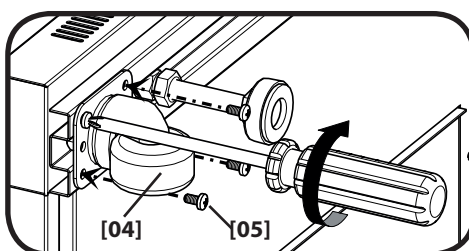
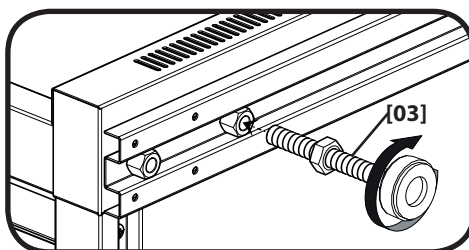
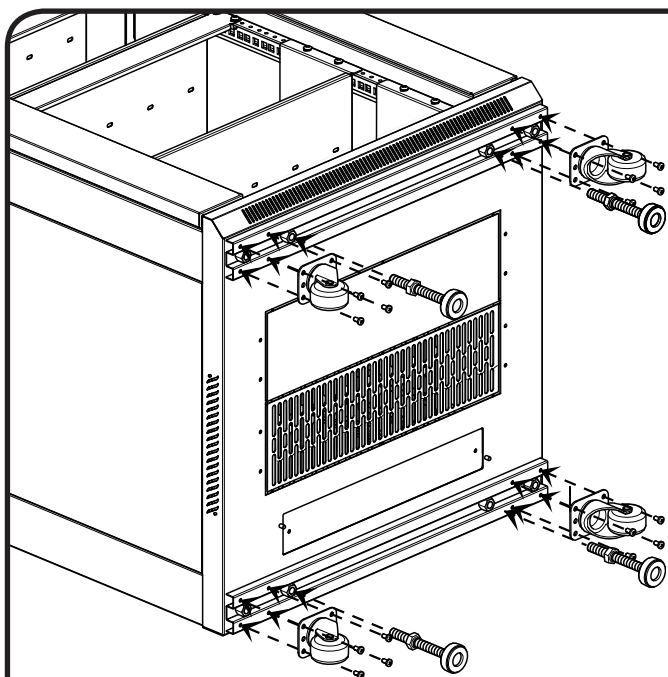


[07]
2 Per Shelf
SAFR15 6
SAFR27 12
SAFR36 16

1 Install Feet and Casters



Install feet [03]. Install Casters [04] using screws [05].

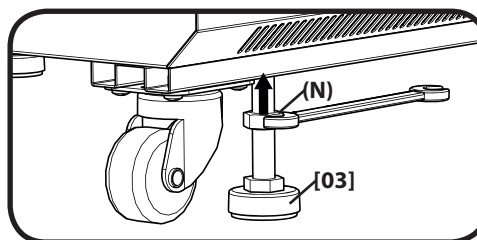
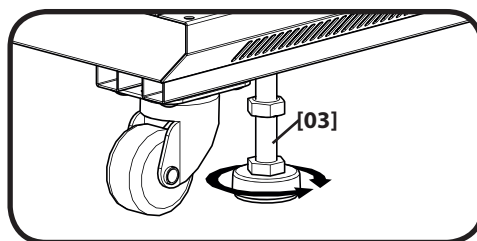
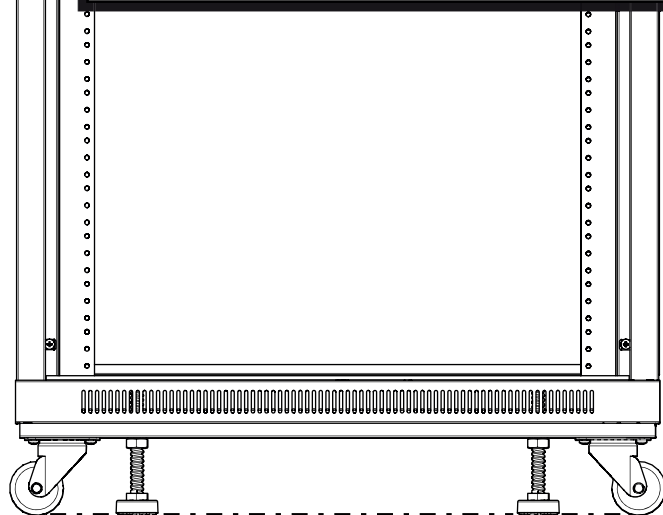


2 Level Feet



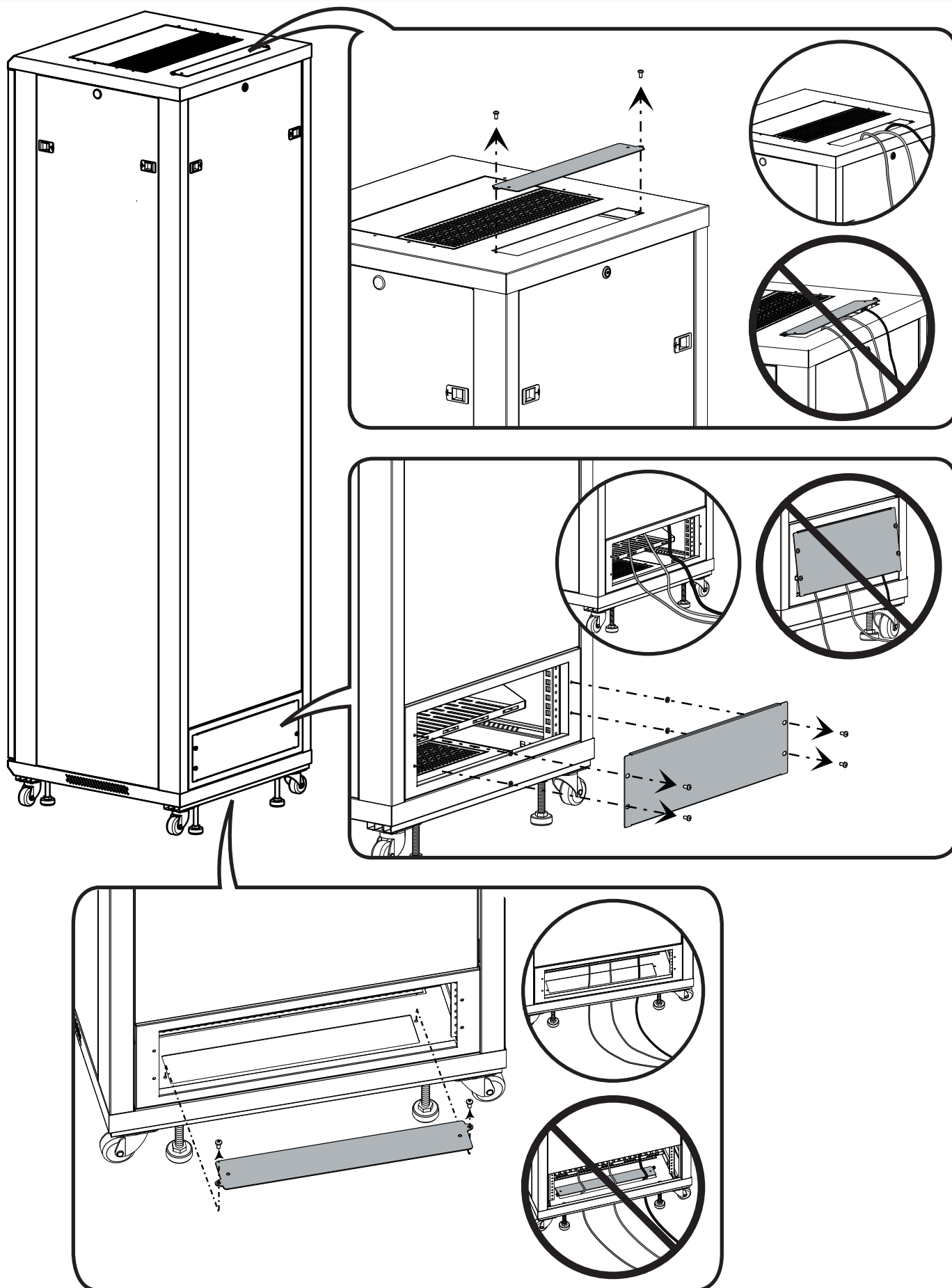
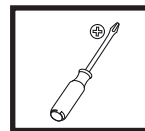
Adjust the feet [03] to level the rack. Tighten nuts (N) until they are flush with the bottom of the rack.

▲ CAUTION: To avoid potential injury or property damage, always ensure that your rack is level.

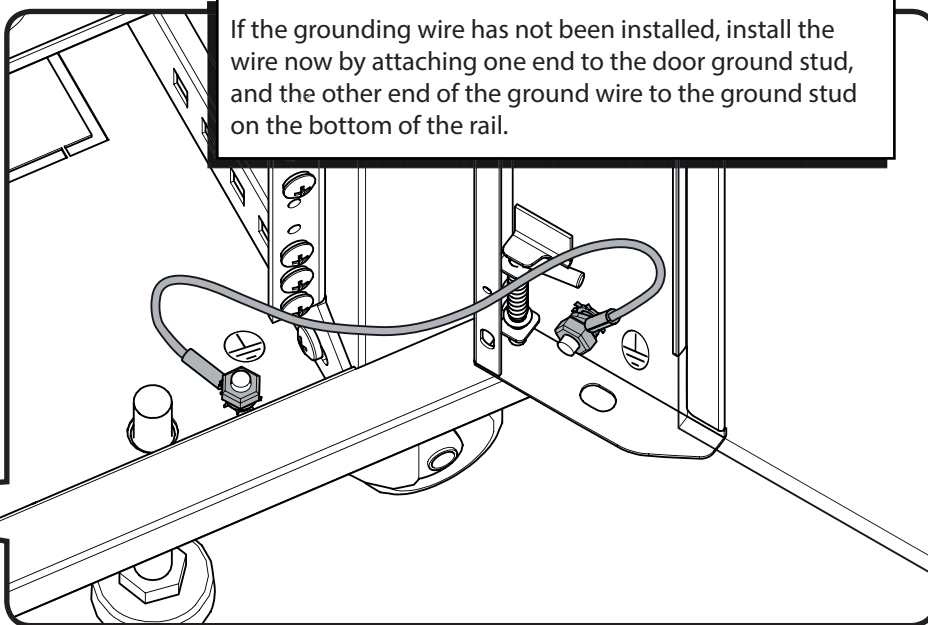
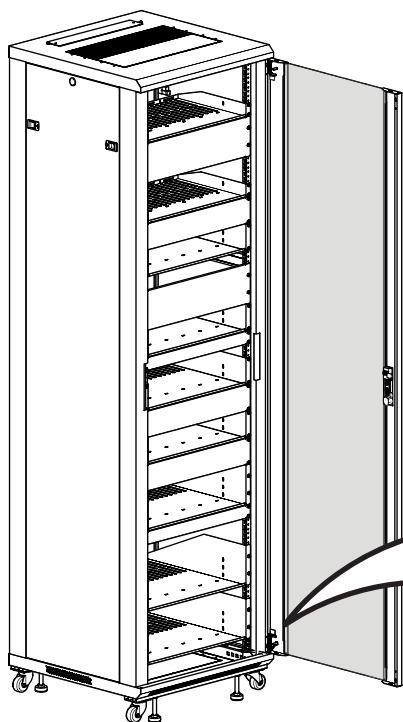


3 Remove Cable Access Panels for Cable Management

OPT

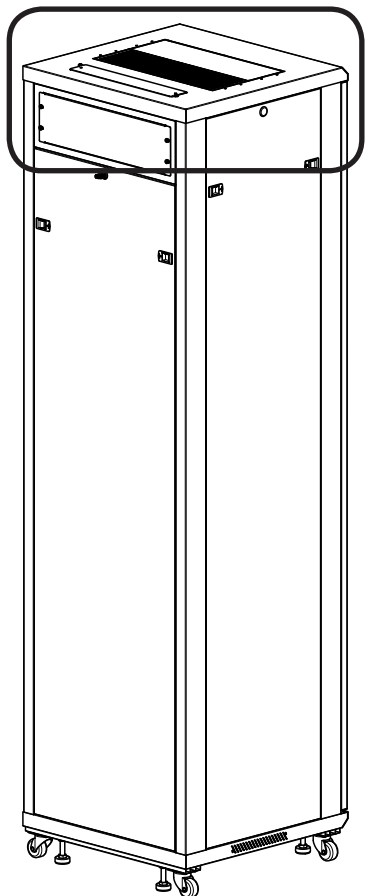


4 Verify the Grounding Strap has been Installed



If the grounding wire has not been installed, install the wire now by attaching one end to the door ground stud, and the other end of the ground wire to the ground stud on the bottom of the rail.

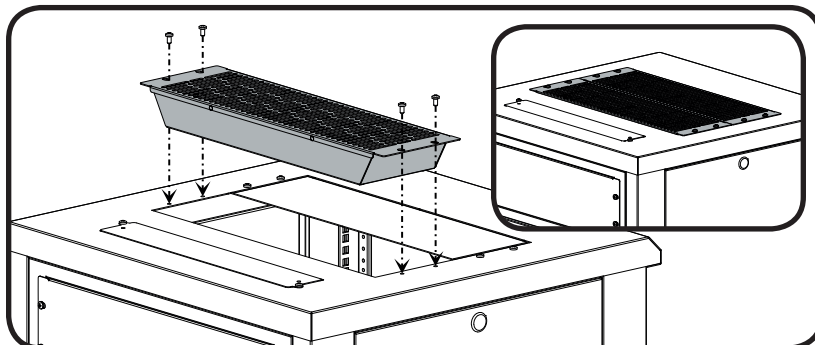
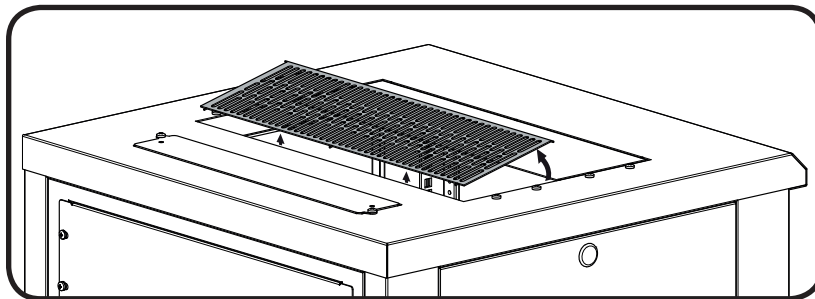
5 Install Fan for Additional Ventilation **OPT**



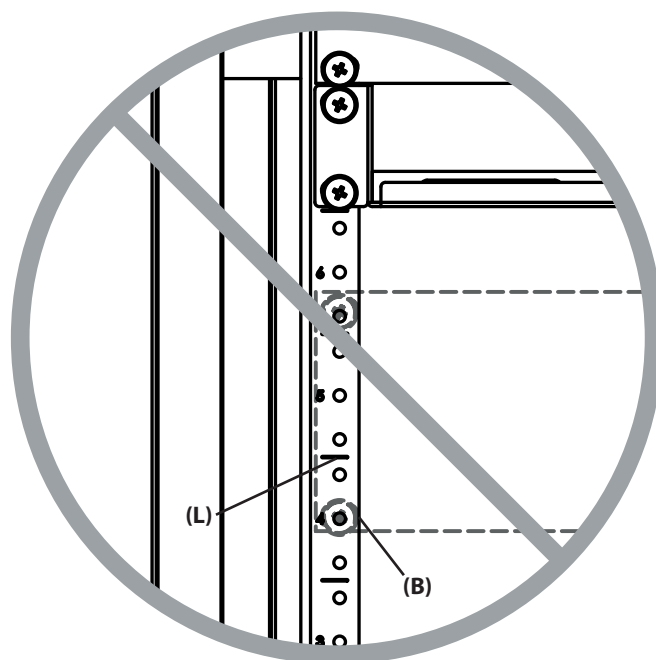
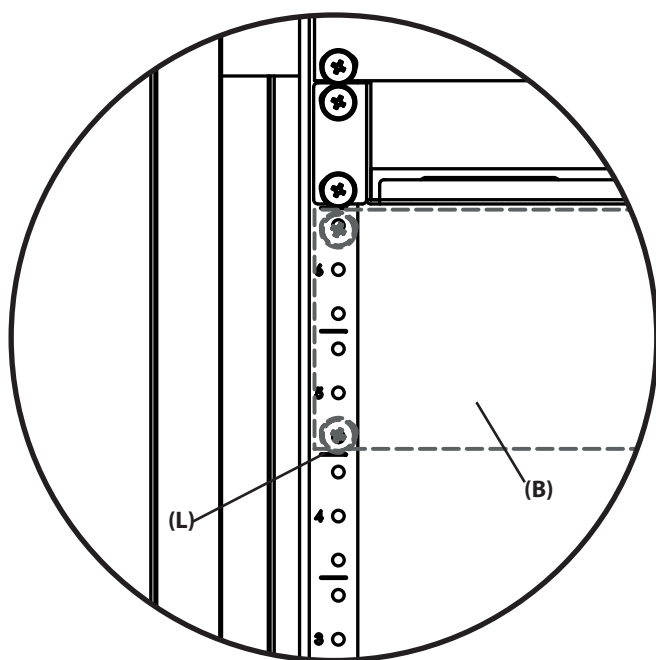
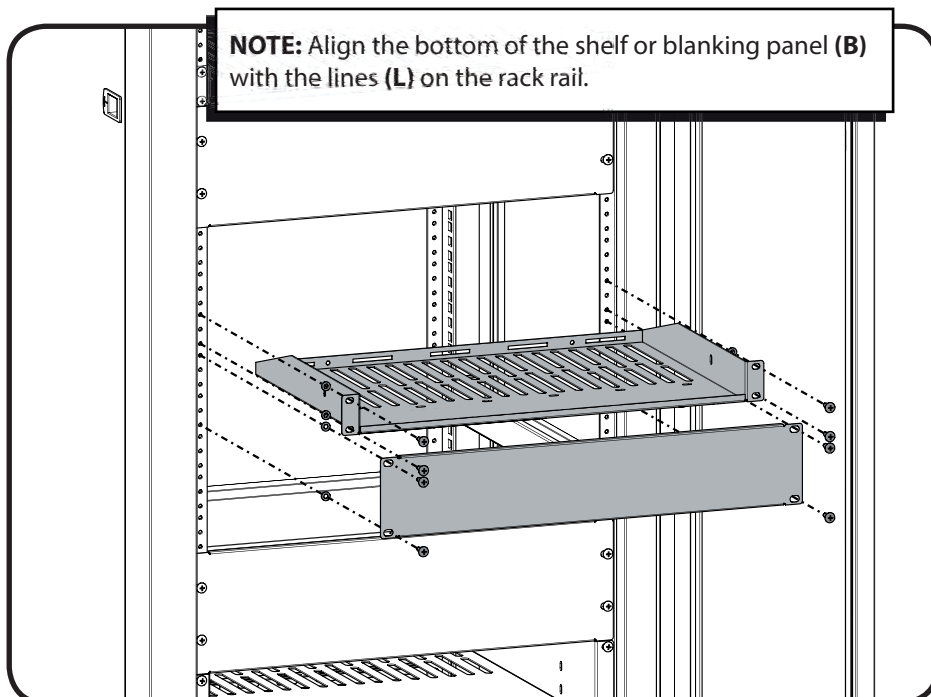
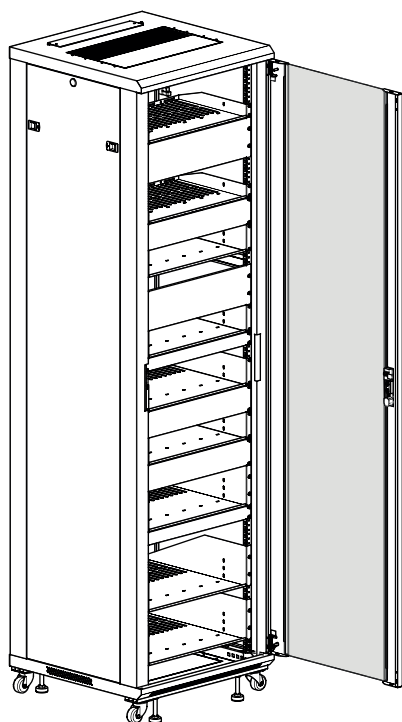
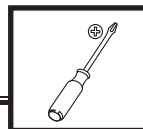
⚠ CAUTION: Avoid damage to your components due to overheating. Make sure that there is adequate space between each unit for proper airflow. Operating temperature inside the rack must not exceed 104°F (40°C).

To install fan:

Remove the vented panel. Remove any metal burrs that remain in the panel frame. Mount the cooling fan using the screws preinstalled in the top. For a second fan, remove the adjacent solid panel and add fan.

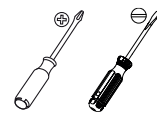


6 Adjust Shelves and Blanking Panels **OPT**



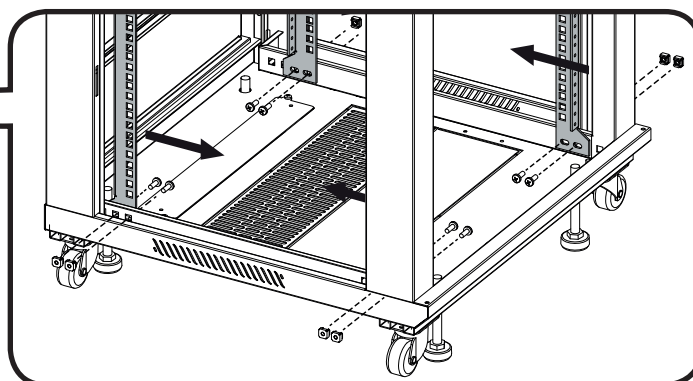
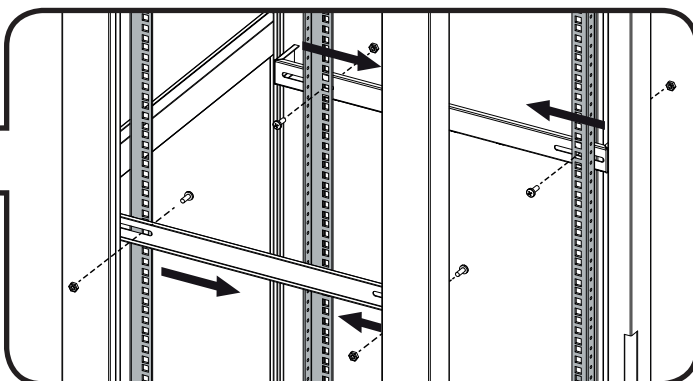
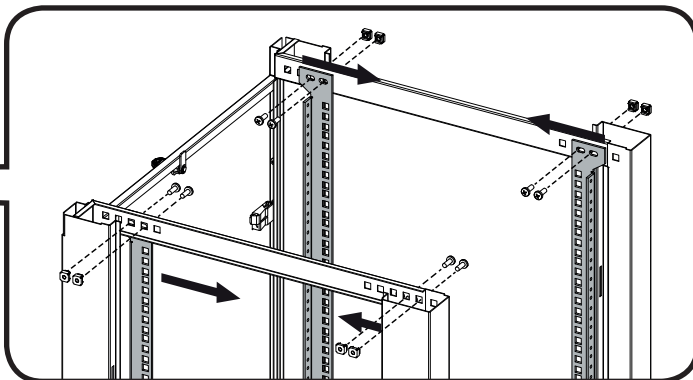
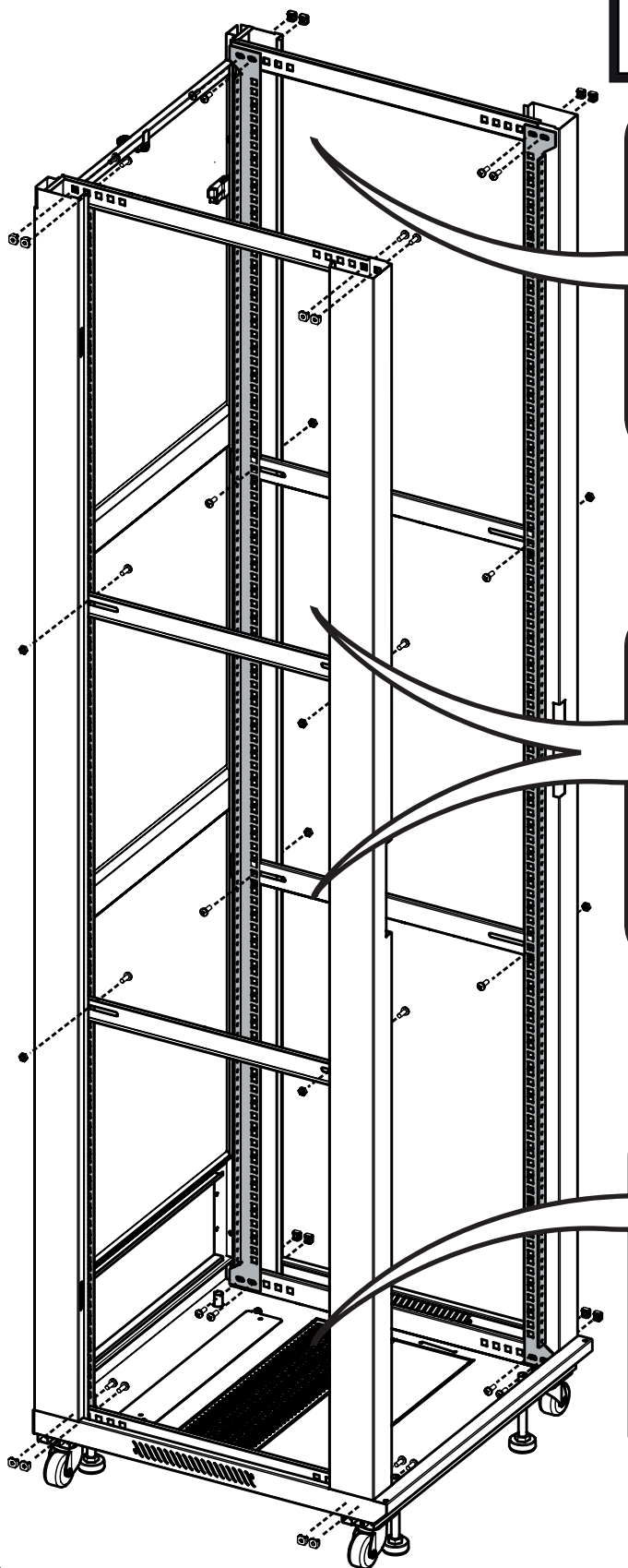
7 Adjust Rack Rails

OPT

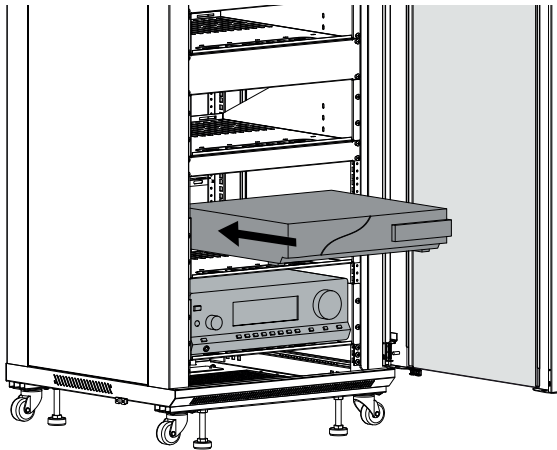


Remove the shelves and blanking panels before adjusting the rails. Adjust the top and bottom, and right and left rails evenly.

NOTE: For clarity, the front door, top, and side panels are not shown.



8 Load Your Components



⚠ CAUTION: To prevent tipping, always load the rack from the bottom up, and load the heaviest item in the rack first.

50% of the total weight should be mounted in the lower $\frac{1}{3}$ of the rack.

Rack Shelf Backstops ^{OPT}

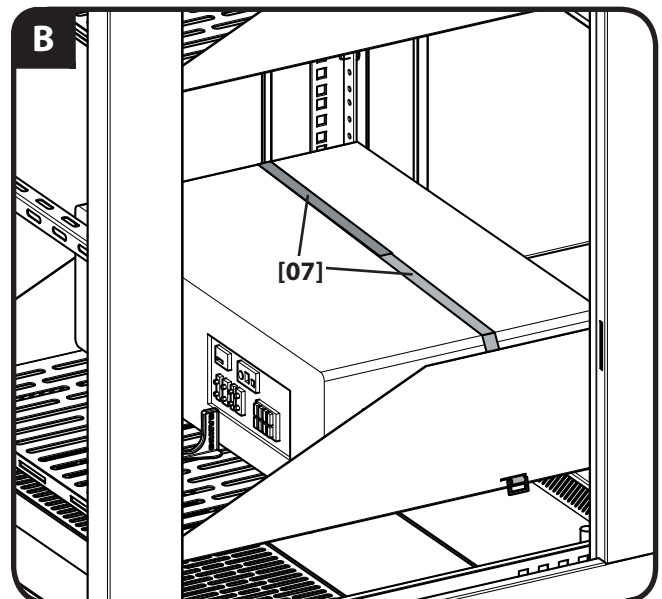
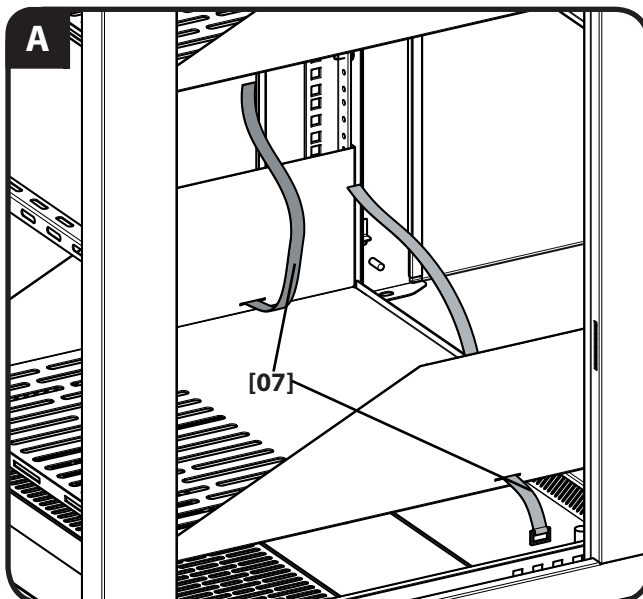
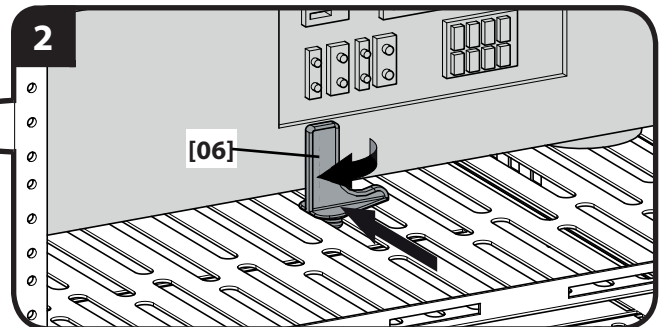
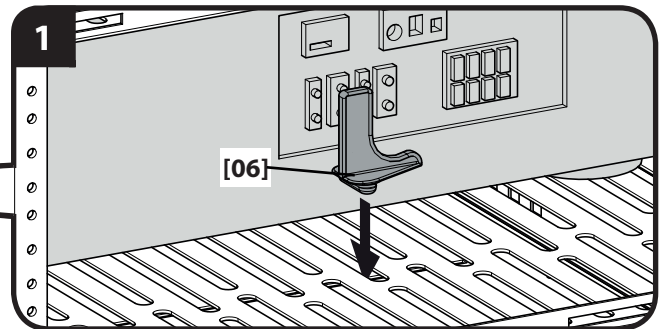
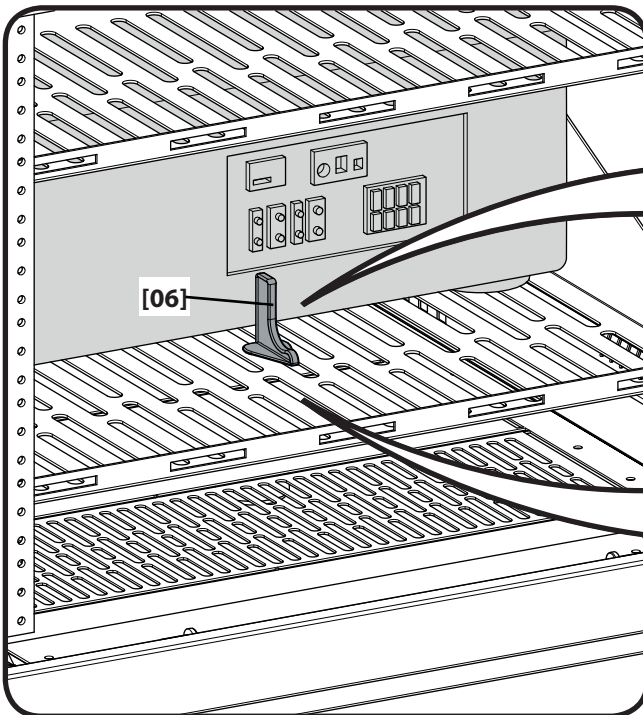
NOTE: rear view with back panels removed.

1. Insert backstop [06] into slot behind component.
2. Slide backstop [06] forward until firmly against component and twist 90 degrees.

Component Straps ^{OPT}

NOTE: side view with panels removed.

- A. Slide straps [07] through slots in sides of shelves.
- B. Wrap straps [07] over component to secure.



9 Switch Back Panels

OPT



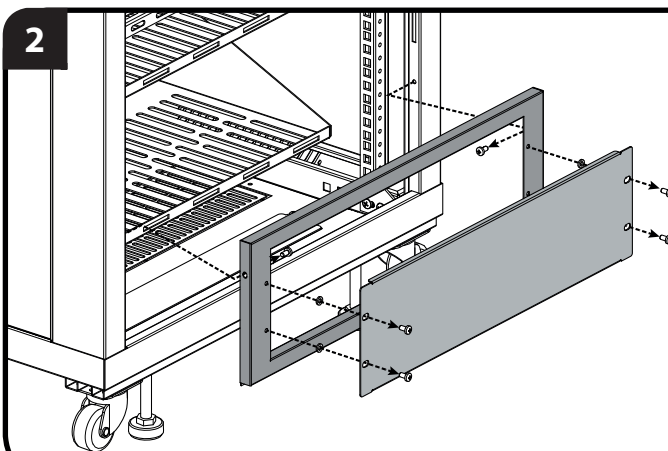
To switch the position of the back panels:

1. Remove large upper panel.
2. Remove small lower panel and frame.
3. Fit bottom of large panel into rack frame and angle the panel up until sliding locks snap in place.
4. Flip small panel 180 degrees.
5. Screw panel frame into rack frame and replace small panel.

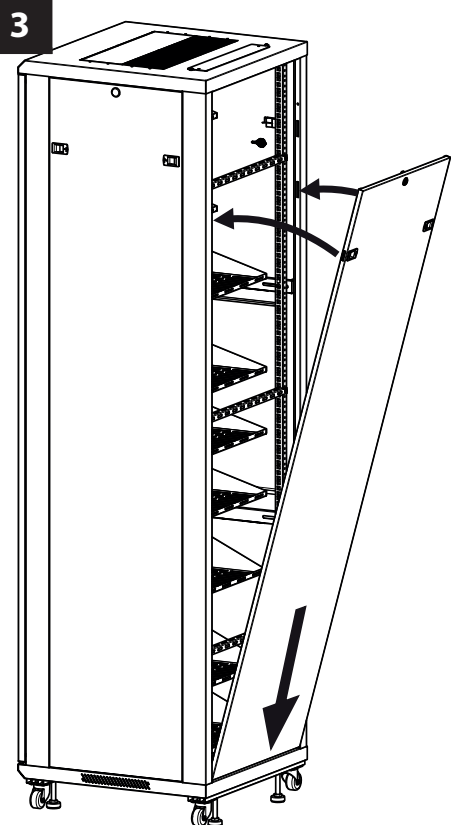
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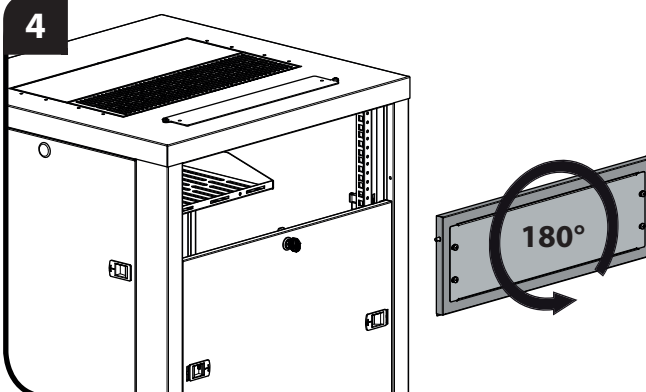
2



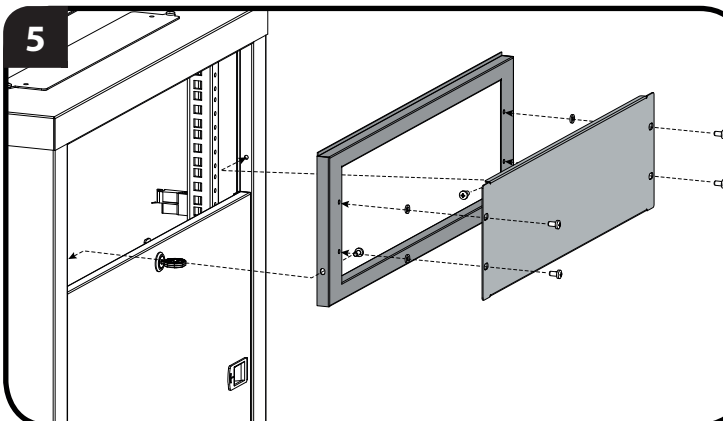
3



4



5



9 Switch Back Panels

OPT



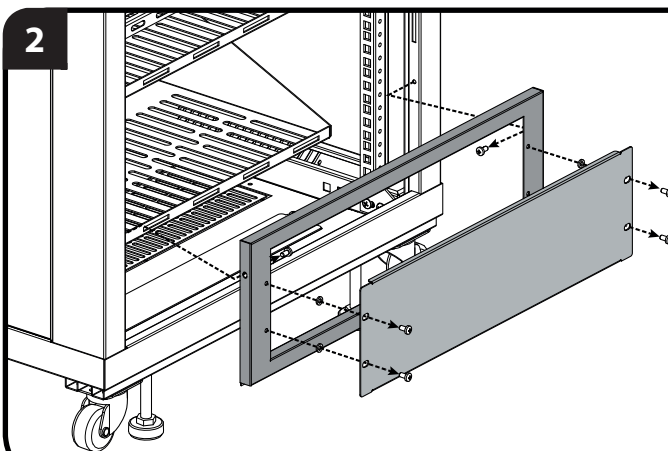
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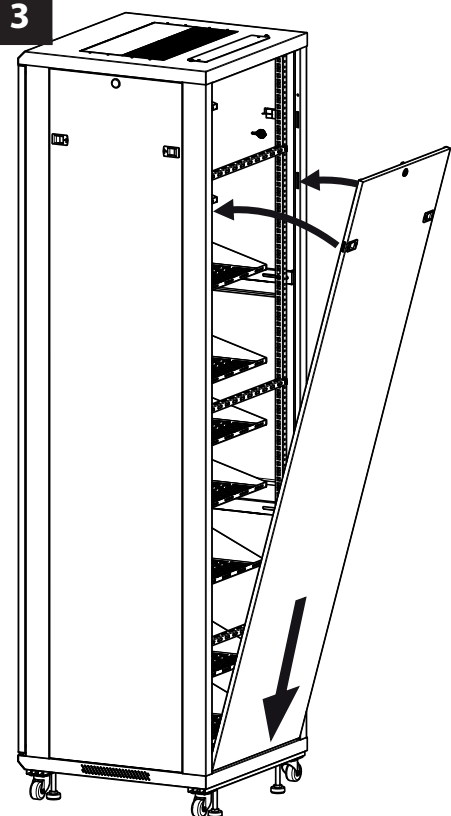
1



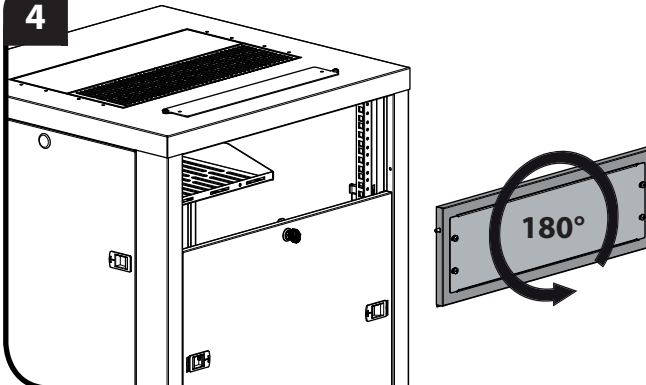
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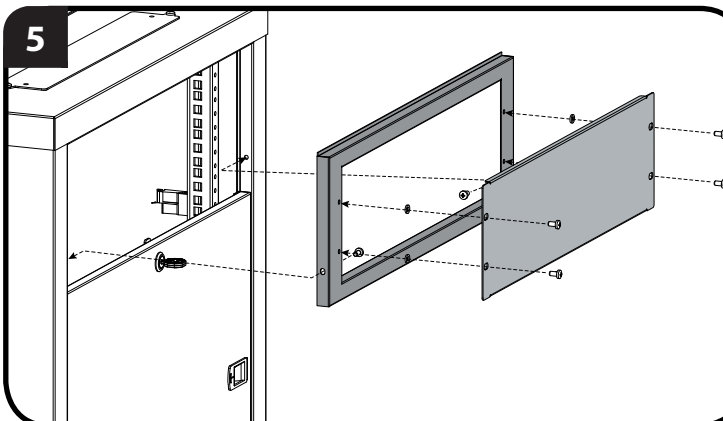
3



4



5

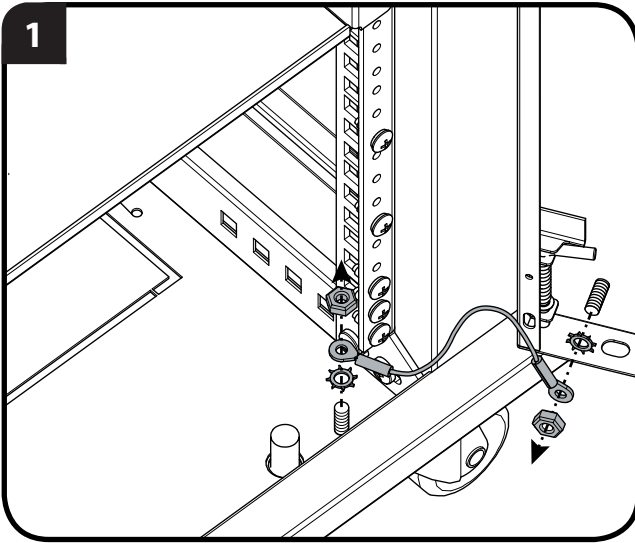


10 Reverse the Front Door

OPT

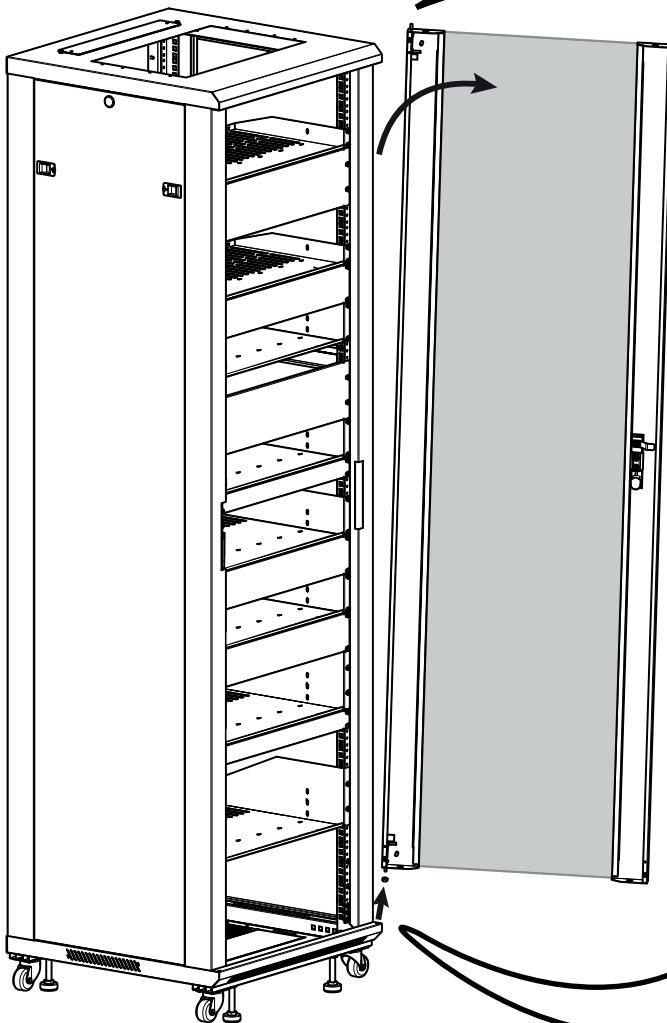
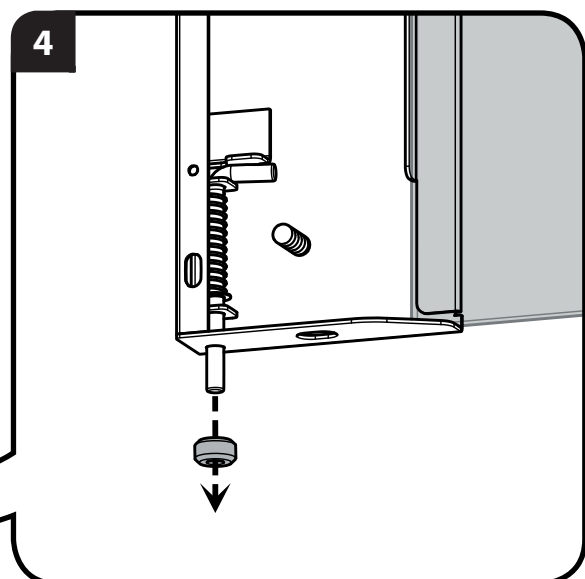
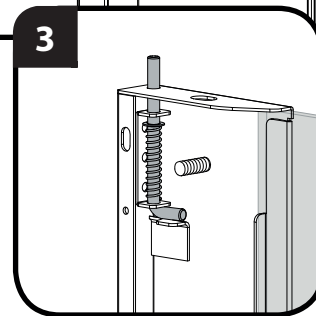
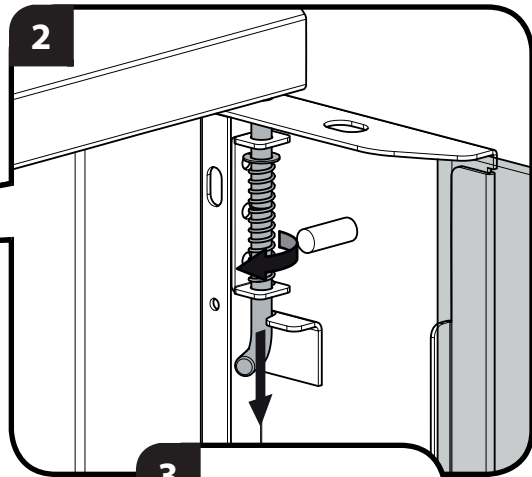


Remove the door



1. Remove the door grounding wire from bottom of rack and the door.
2. Turn upper door pin to release from locking tab and pull down to release door from rack and lift door from rack frame.
3. Release upper pin and turn it back to secure it under the locking tab.
4. Remove spacer from bottom door pin.

NOTE: Spacer must be used with pin on bottom of door.

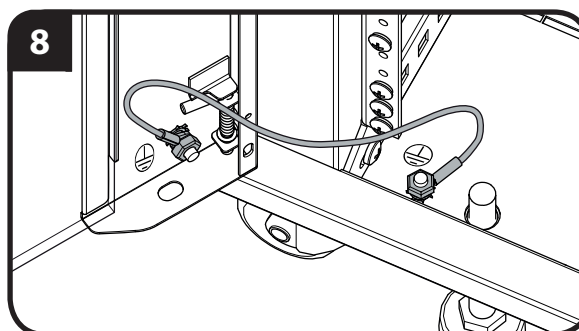
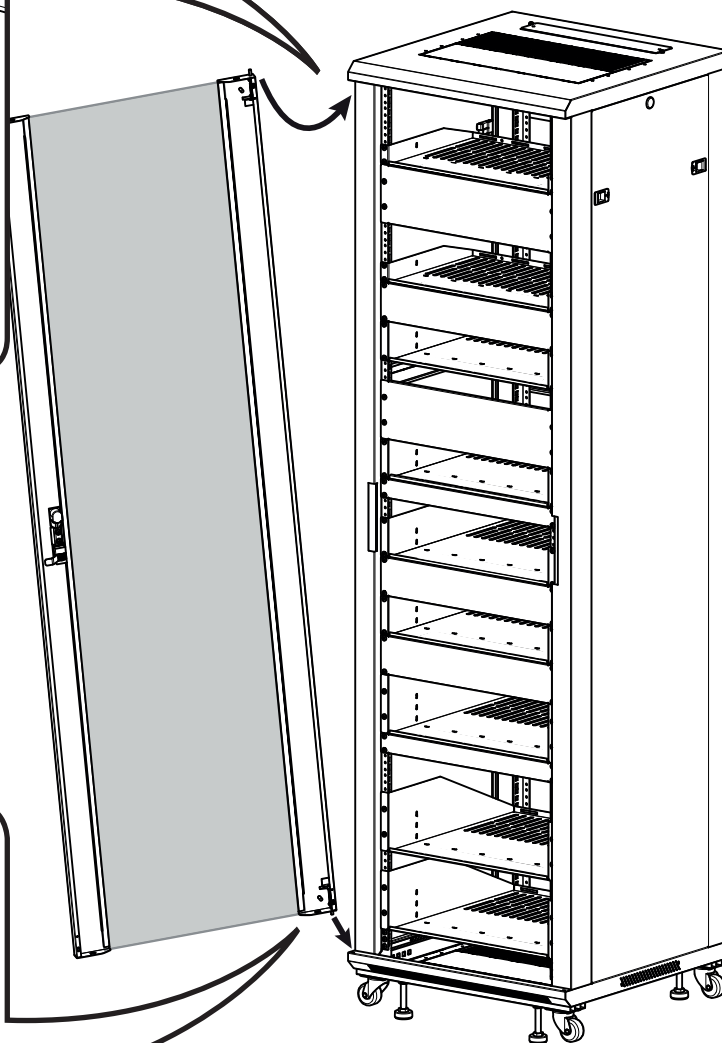
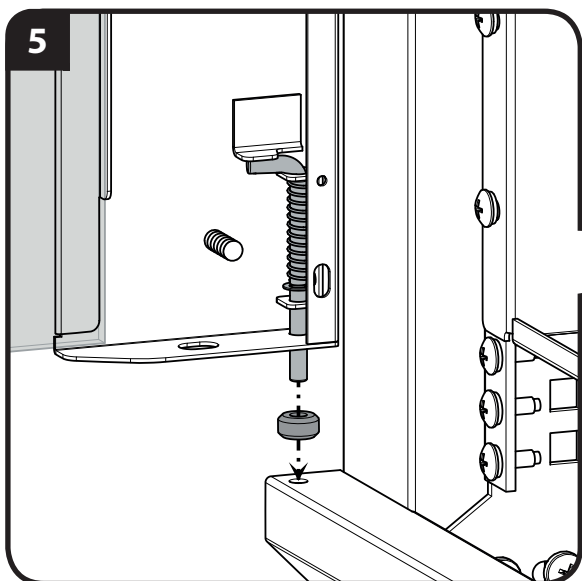
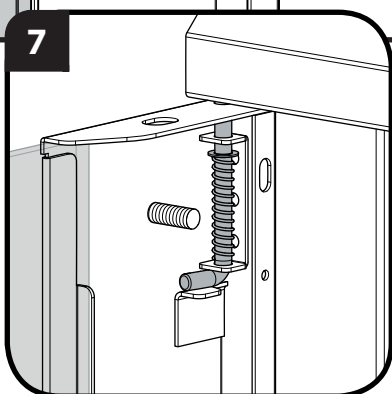
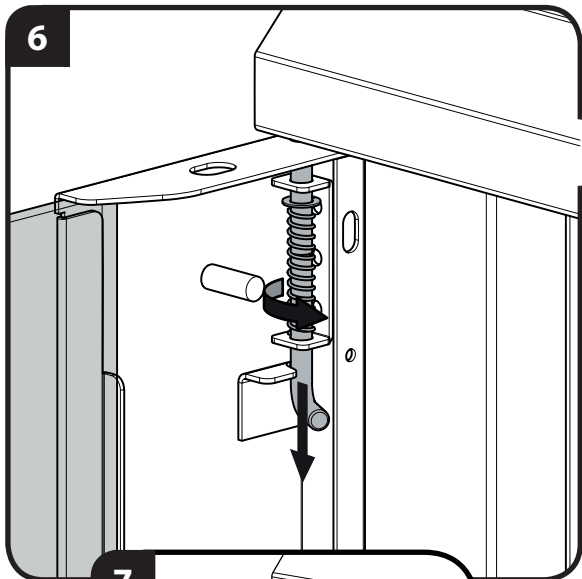


10 Reverse the Front Door - continued



Flip the door

5. Fit spacer onto bottom pin and fit bottom pin into bottom mounting hole in rack.
6. Turn upper pin to release from locking tab and pull down. Fit pin into upper mounting hole in rack.
7. Release pin and turn pin to secure it under locking tab
8. Reattach grounding wire.

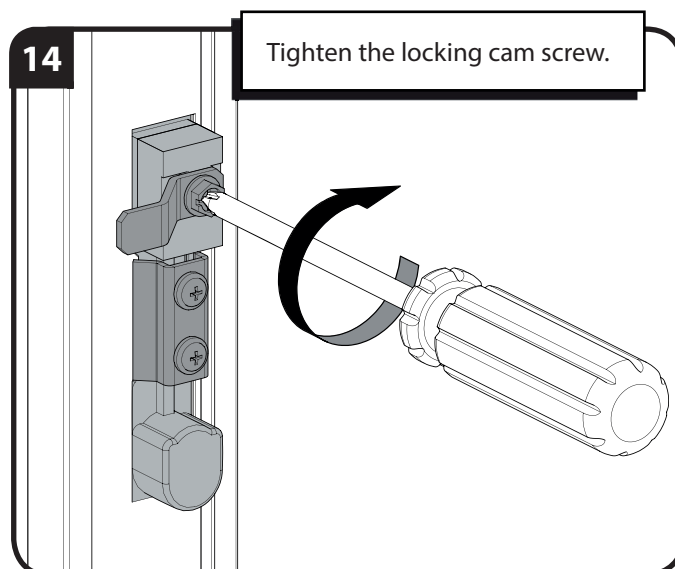
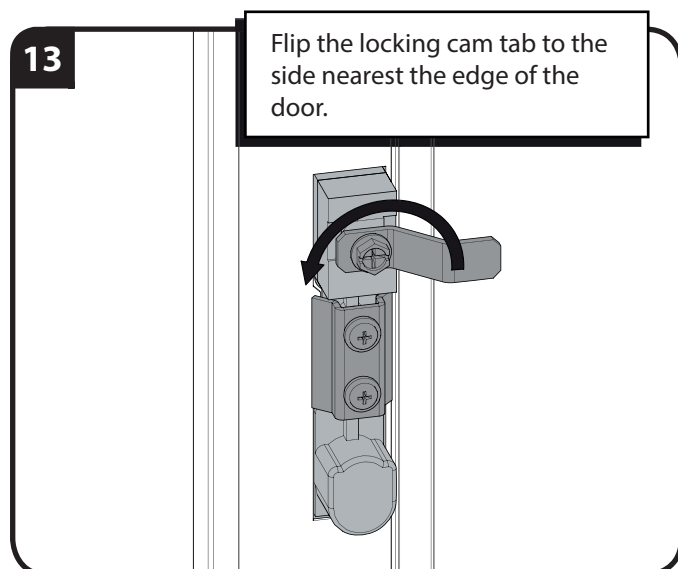
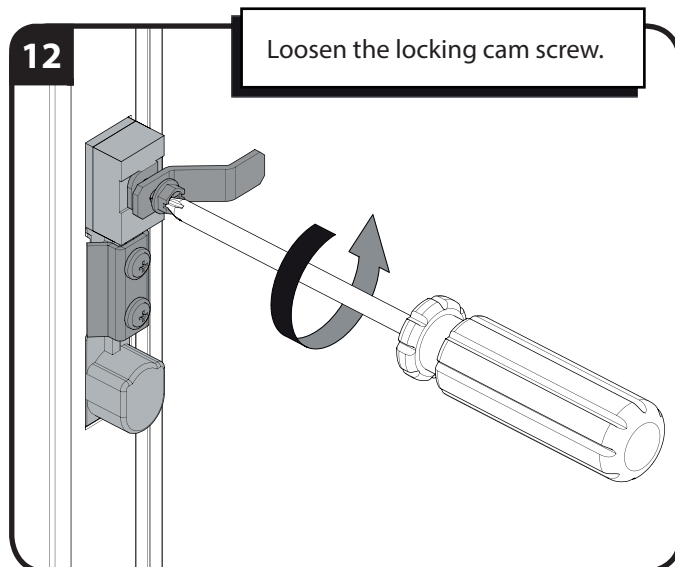
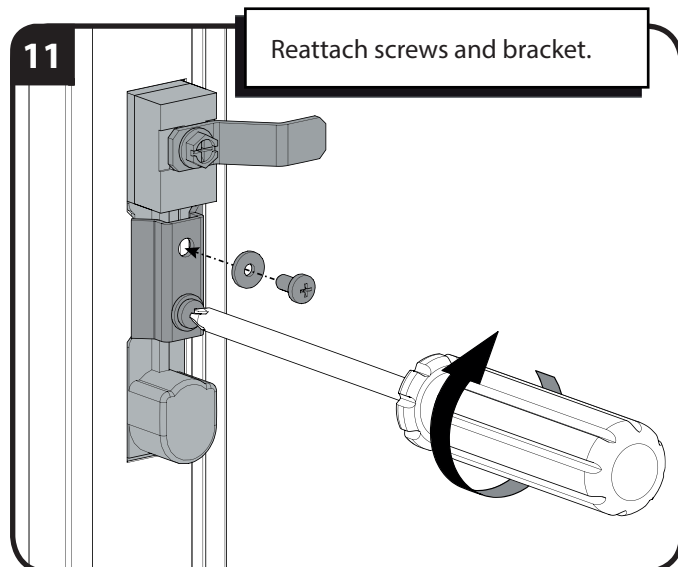
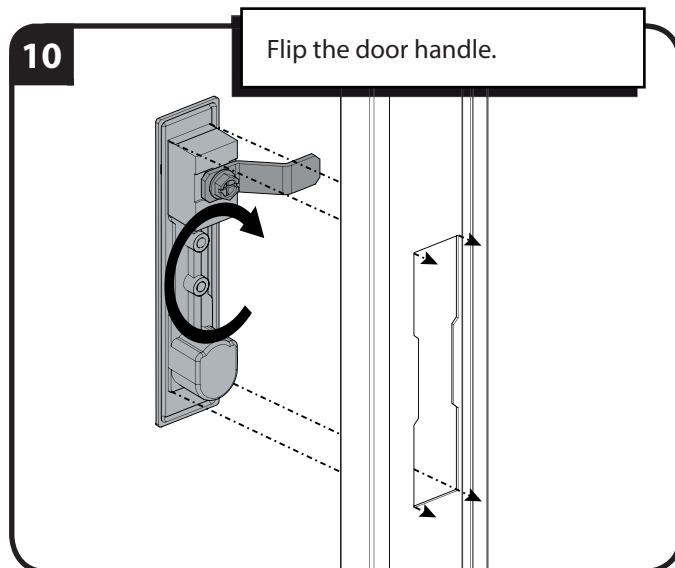
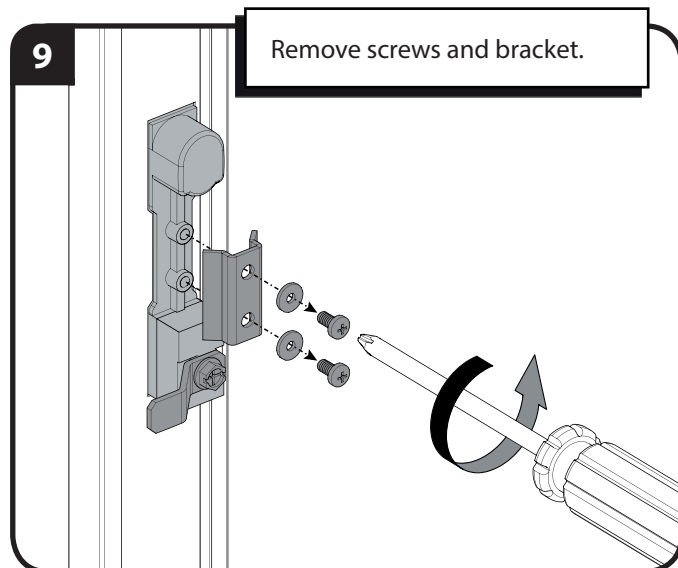


10 Reverse the Front Door - continued

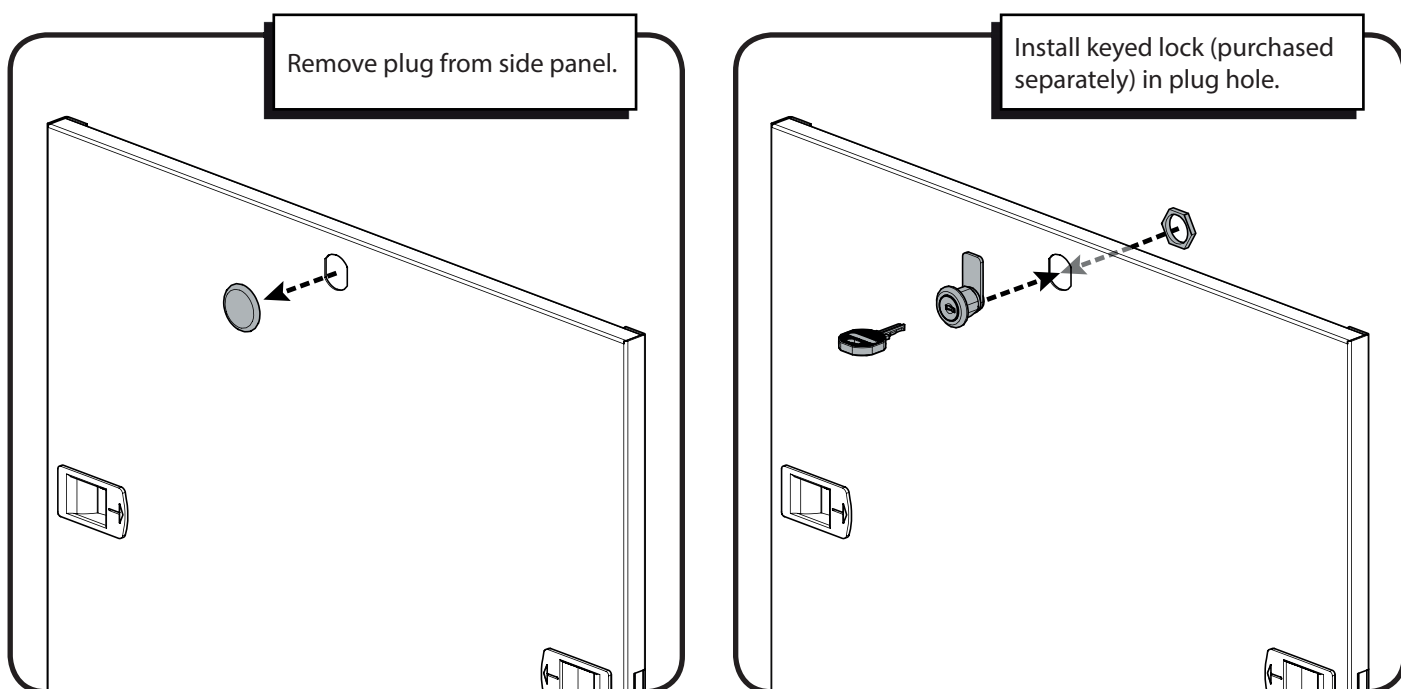
OPT



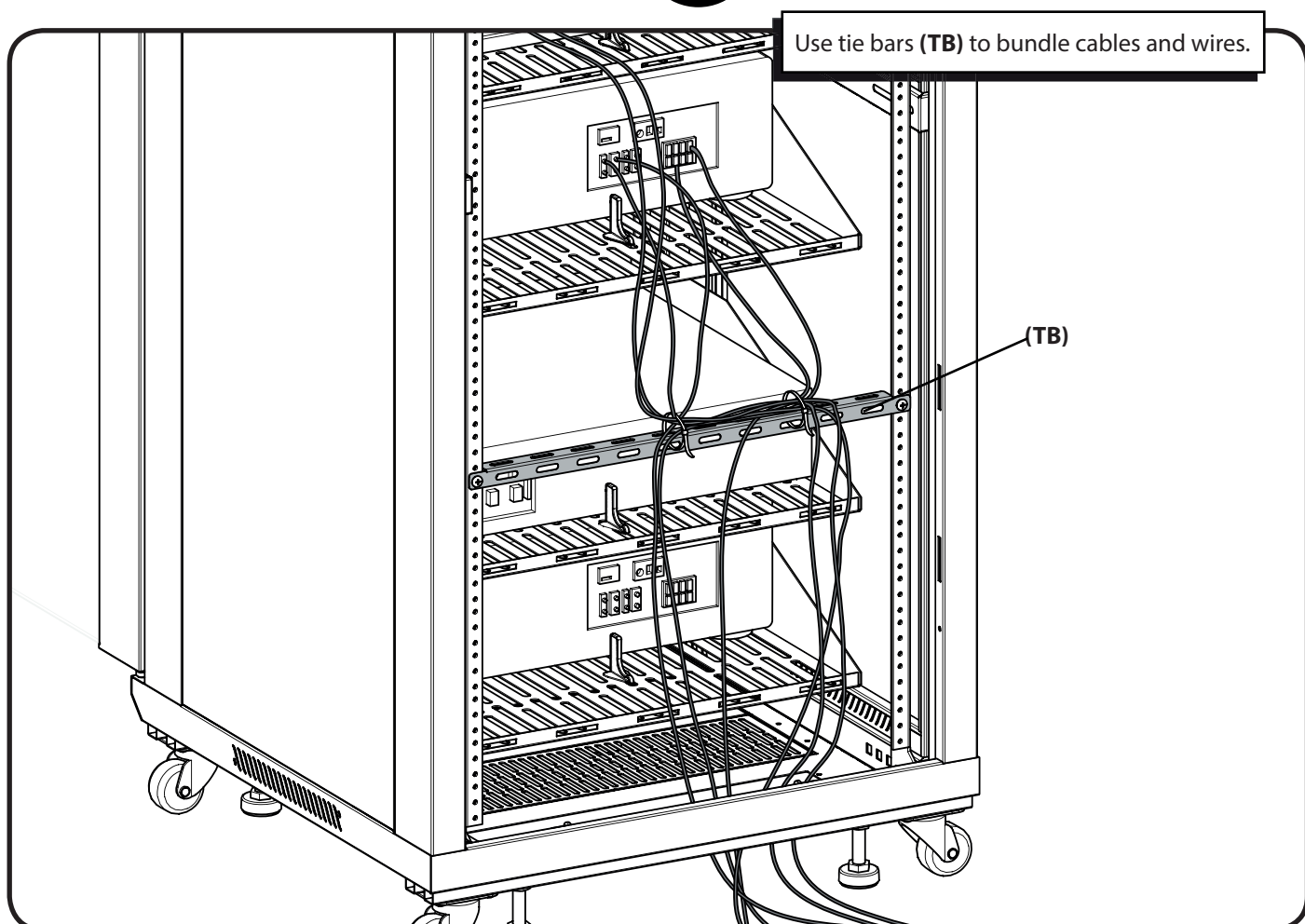
Flip the door handle



11 Add Keyed Lock to Door **OPT**



12 Manage Cables **OPT**

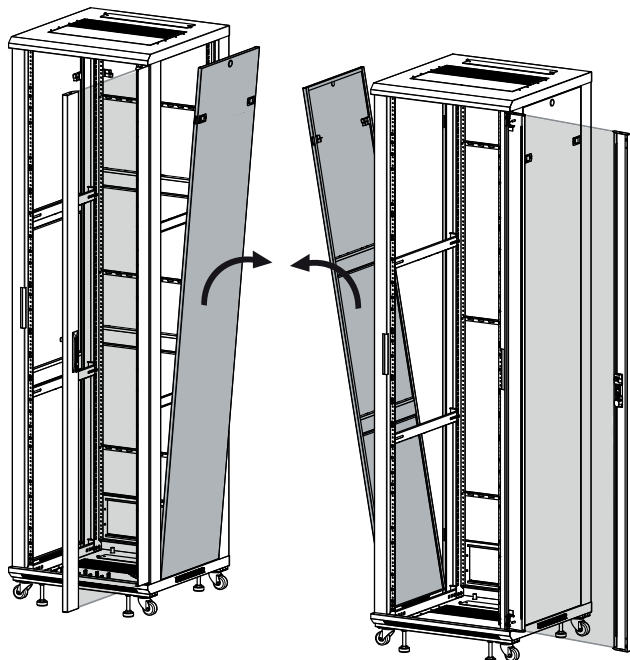


13 Ganging Racks

OPT

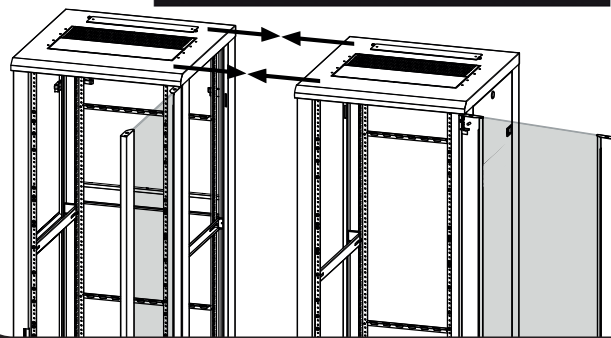
1

Remove side panels on sides to be connected.



2

Move racks together until sides are touching.

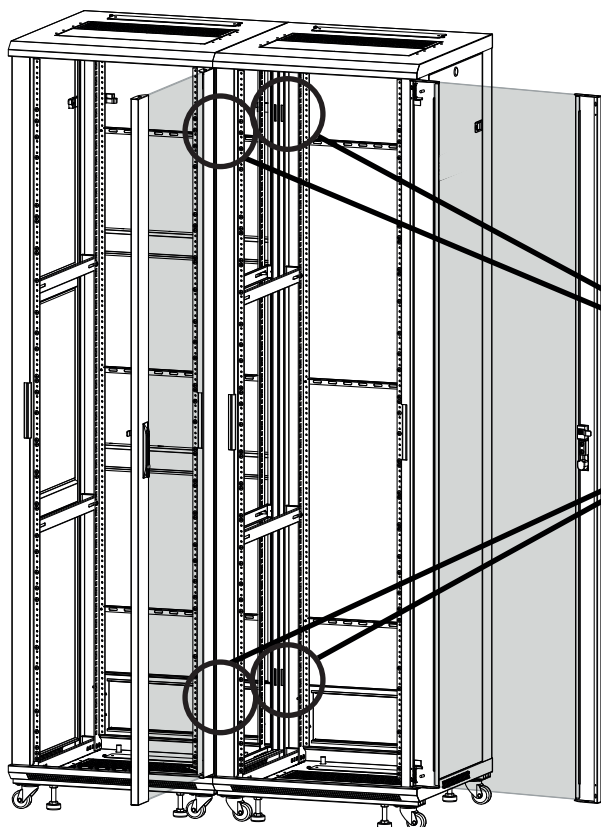
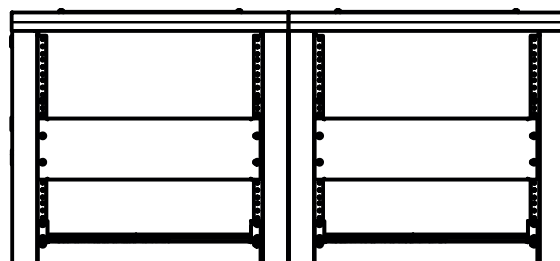


3

IMPORTANT



Make sure both racks are level with each other.



Fit 4 ganging clips (GC) into frame slots. Press down on clips to secure.

IMPORTANT



Make sure all 4 ganging clips are fully engaged.

4

