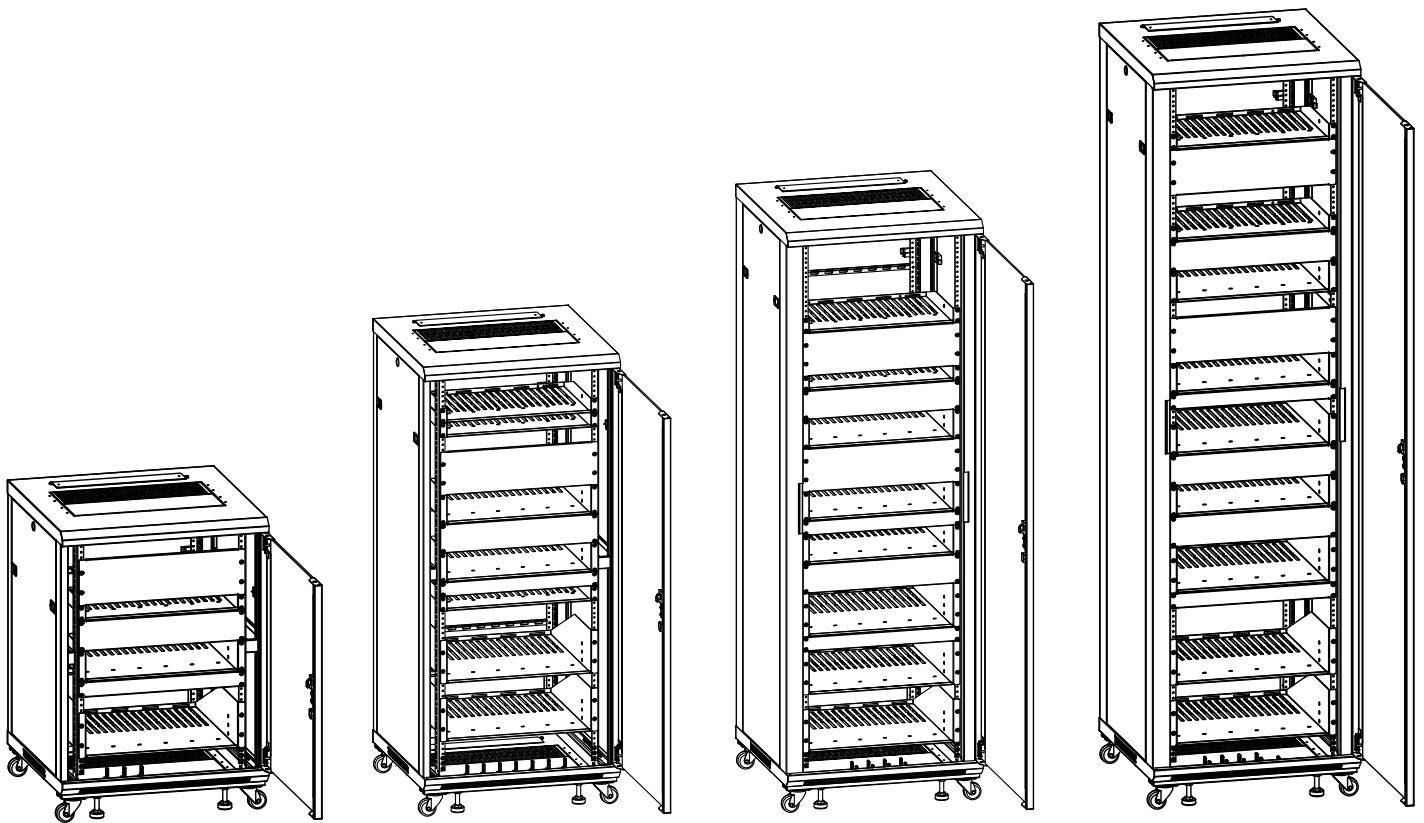


**I-CASE AV-2115BKTY  
I-CASE AV-2127BKTY  
I-CASE AV-2136BKTY  
I-CASE AV-2144BKTY**



**USER'S MANUAL  
ENGLISH**

## INSTRUCTION:

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

The AV series is designed to support audio/video equipment.  
The total weight capacity for the AV series:

- I-CASE AV-2115BKTY 226.8kg (500lb)
- I-CASE AV-2127BKTY 340.2kg (750lb)
- I-CASE AV-2136BKTY 385.5kg (850lb)
- I-CASE AV-2144BKTY 453.6kg (1000lb)

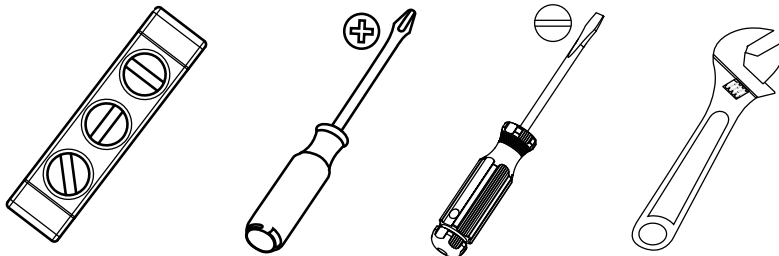
Each 3U shelf supports up to 36.3 kg (80 lb), each 2U shelf supports up to 22.7 kg (50 lb), and each 1U shelf supports up to 13.6 kg (30 lb).

**⚠ 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:

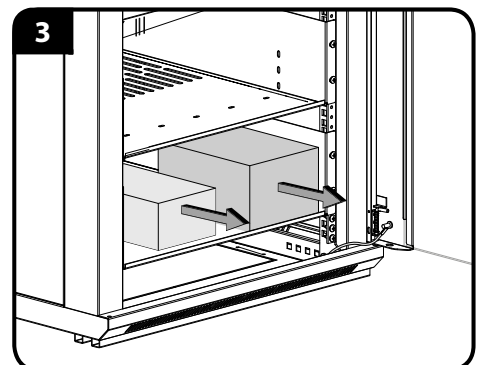
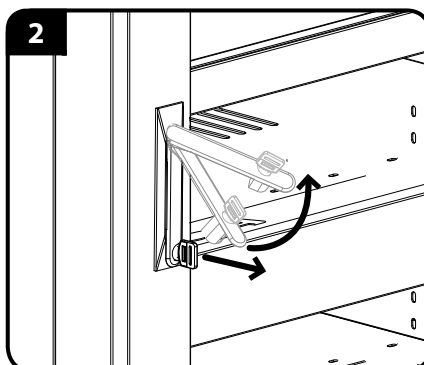
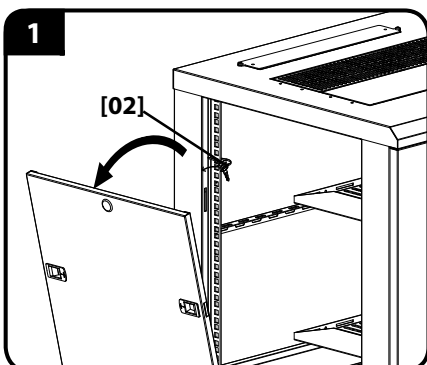


## SUPPLIED PARTS AND HARDWARE:

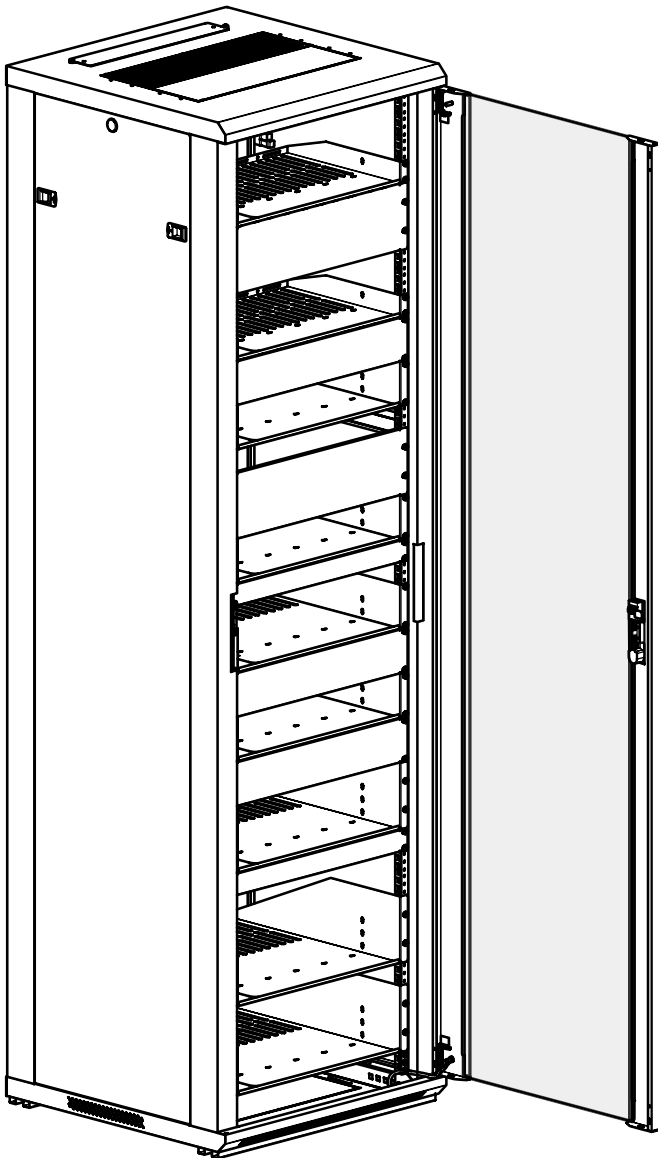
Before starting assembly, verify all parts are included and undamaged. If any parts are missing or damaged, do not return the damaged item to your dealer; contact Customer Service. Never use damaged parts!

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.



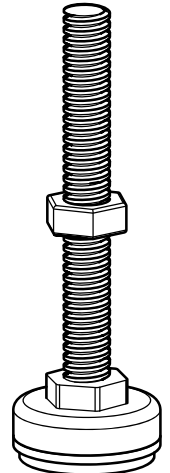
**SUPPLIED PARTS AND HARDWARE:**



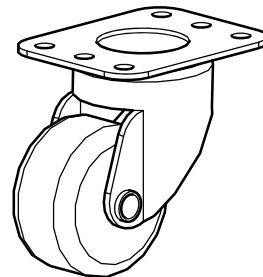
**[01] x 1**



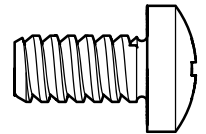
**[02] x 2**



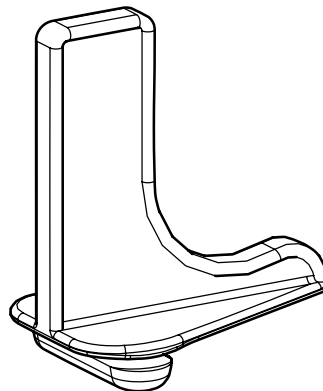
**[03] x 4**



**[04] x 4**

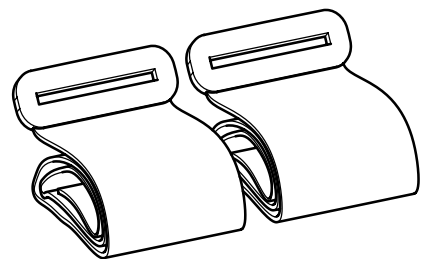


**[05] x 16**



**[06]**

- 1 Per Shelf
- I-CASE AV-2115BKTY 3
- I-CASE AV-2127BKTY 6
- I-CASE AV-2136BKTY 8
- I-CASE AV-2144BKTY 9



**[07]**

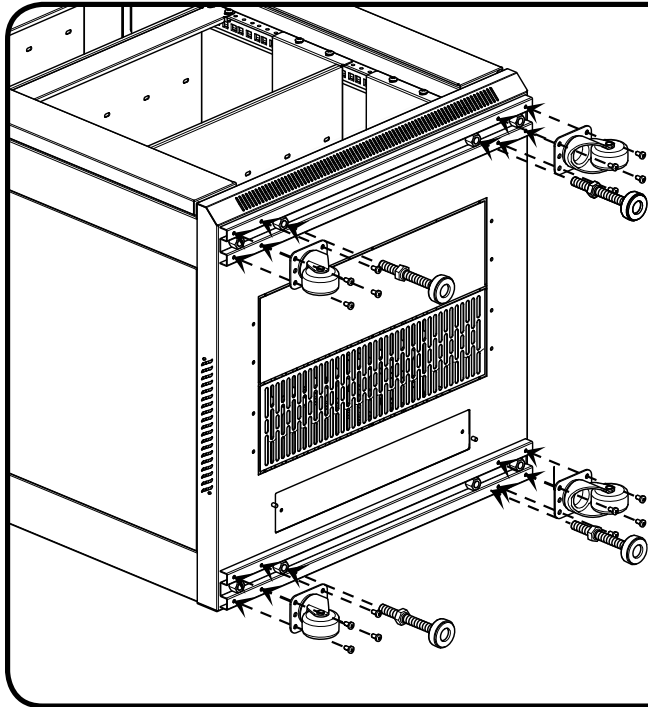
- 2 Per Shelf
- I-CASE AV-2115BKTY 6
- I-CASE AV-2127BKTY 12
- I-CASE AV-2136BKTY 16
- I-CASE AV-2144BKTY 18



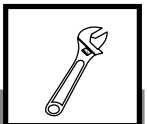
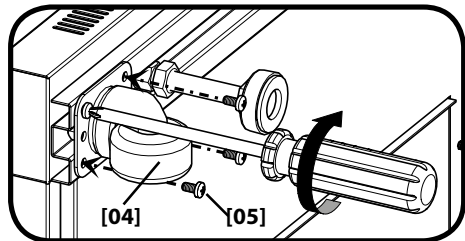
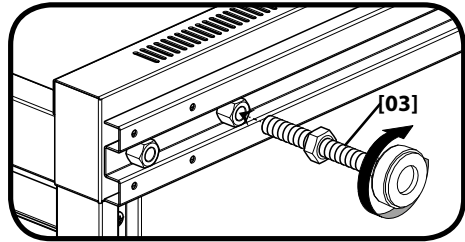
**CAUTION:** Failure to follow loading requirements could lead to instability causing personal injury and/or property damage. To prevent instability: Always load the rack from the bottom up and load the heaviest items first. 50% of the total weight should be mounted in the lower 1/3 of the rack.



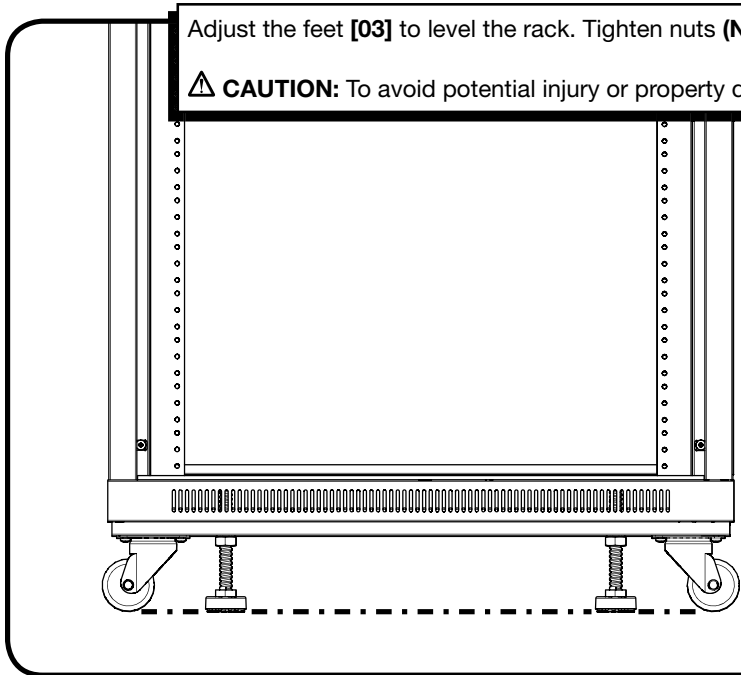
**1. INSTALL FEET AND CASTERS:**



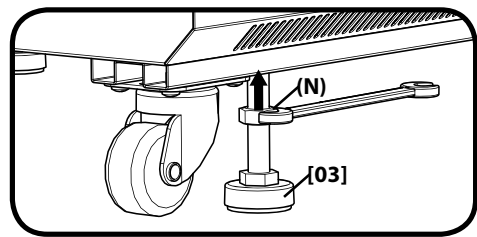
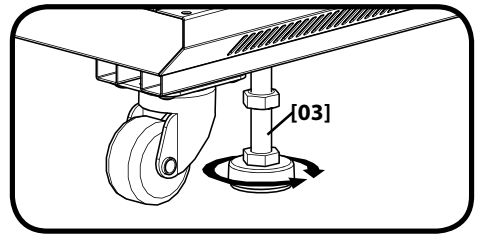
Install feet [03]. Install Casters [04] using screws [05].



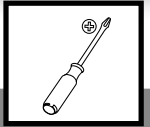
**2. LEVEL FEET:**



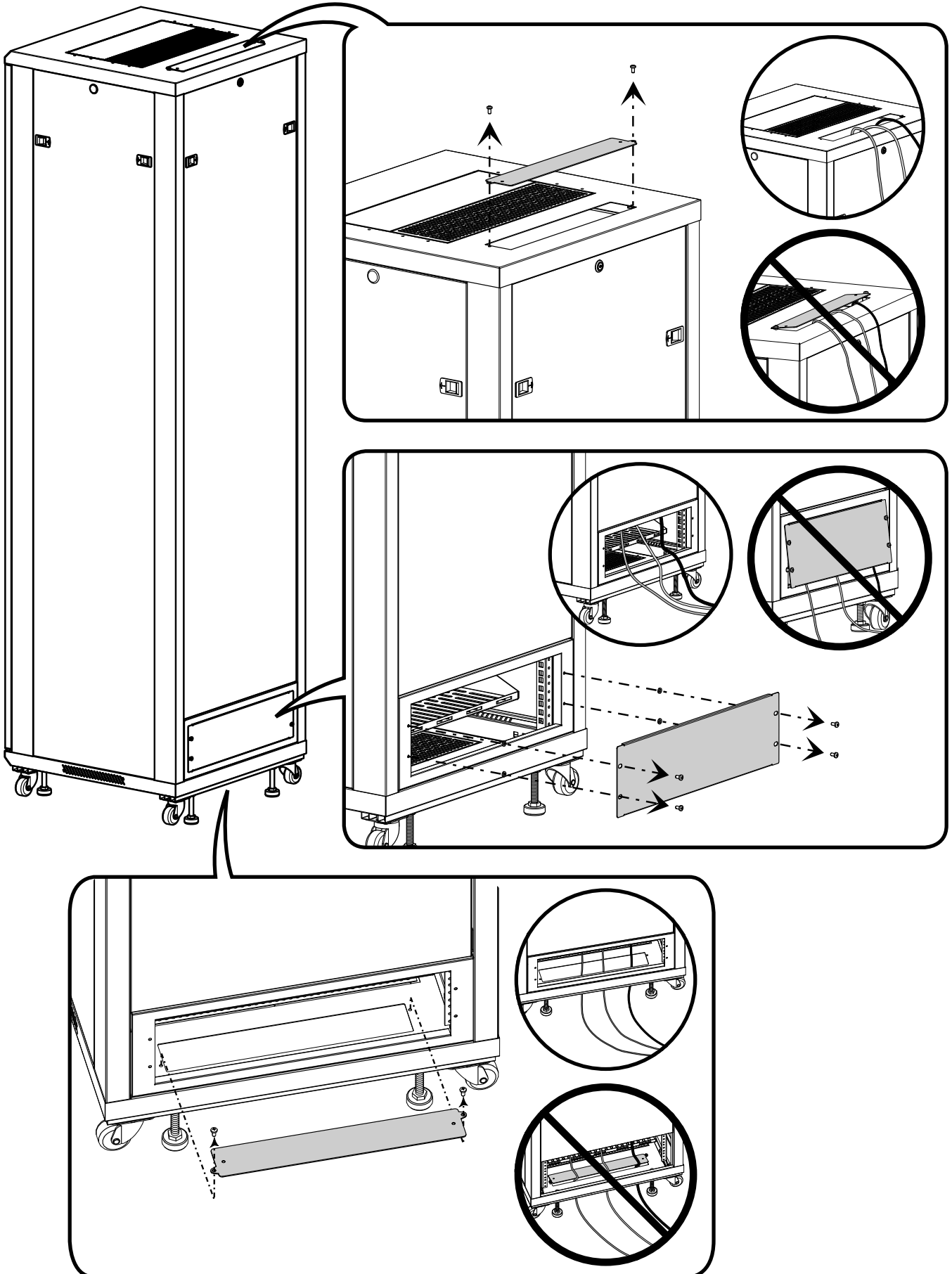
Adjust the feet [03] to level the rack. Tighten nuts (N) until they are flush with the bottom of the rack.  
**CAUTION:** To avoid potential injury or property damage, always ensure that your rack is level.

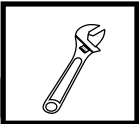


OPT

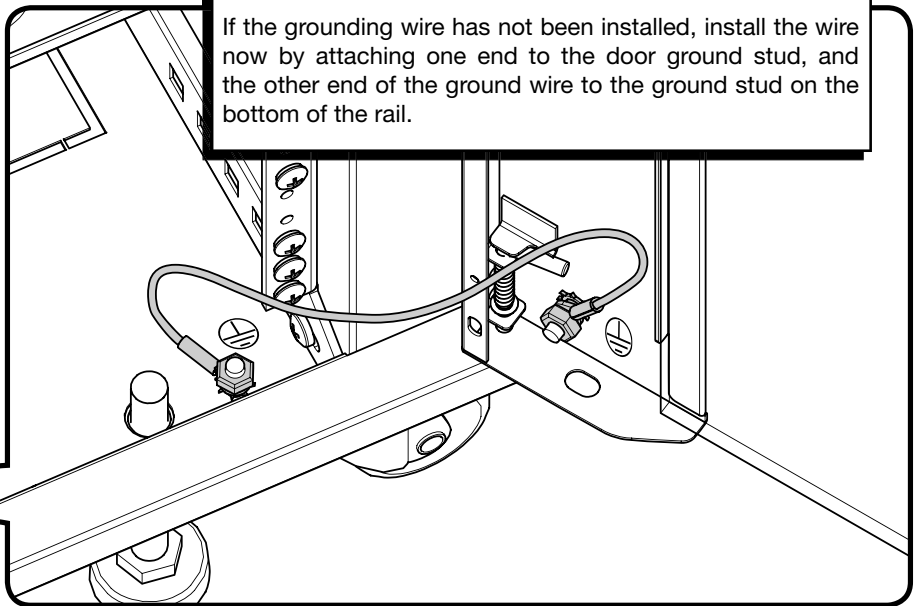
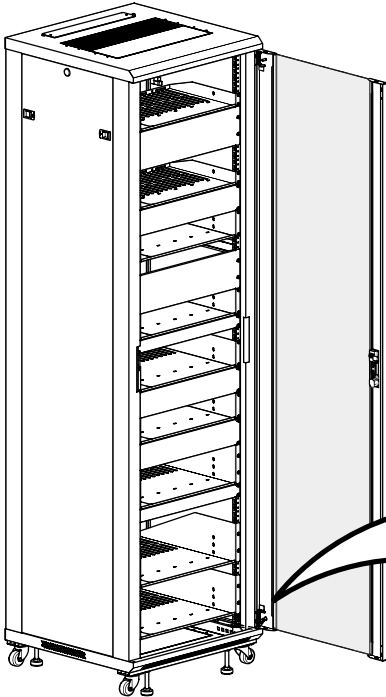


3. REMOVE CABLE ACCESS PANELS FOR CABLE MANAGEMENT:

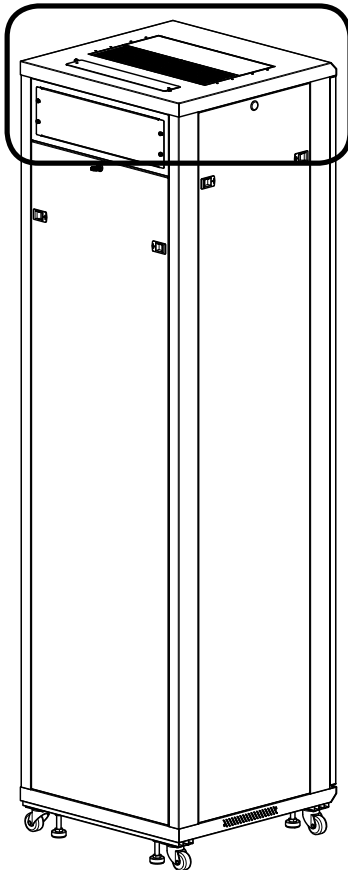




**4. VERIFY THE GROUNDING WIRE HAS BEEN INSTALLED:**



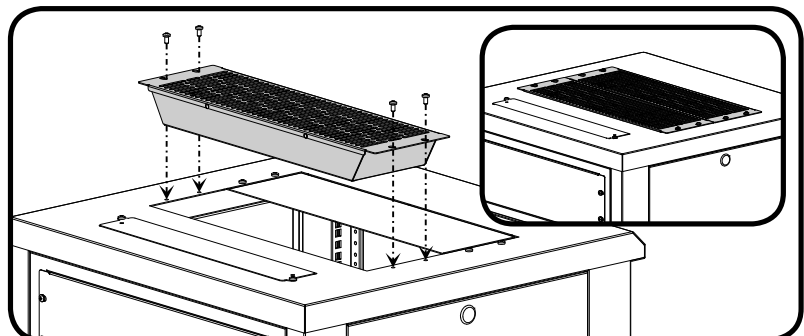
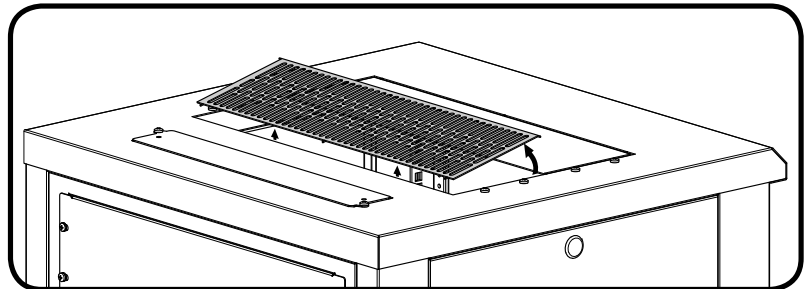
**5. INSTALL FAN FOR ADDITIONAL VENTILATION:**



**⚠ 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).

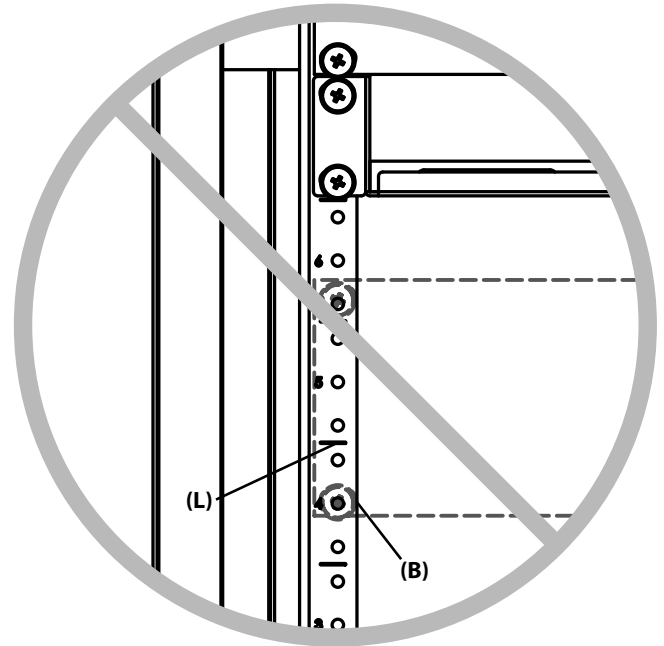
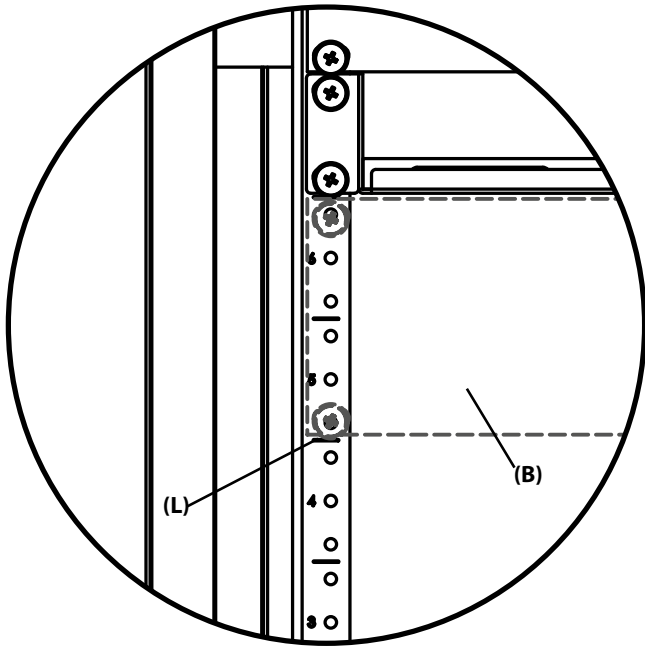
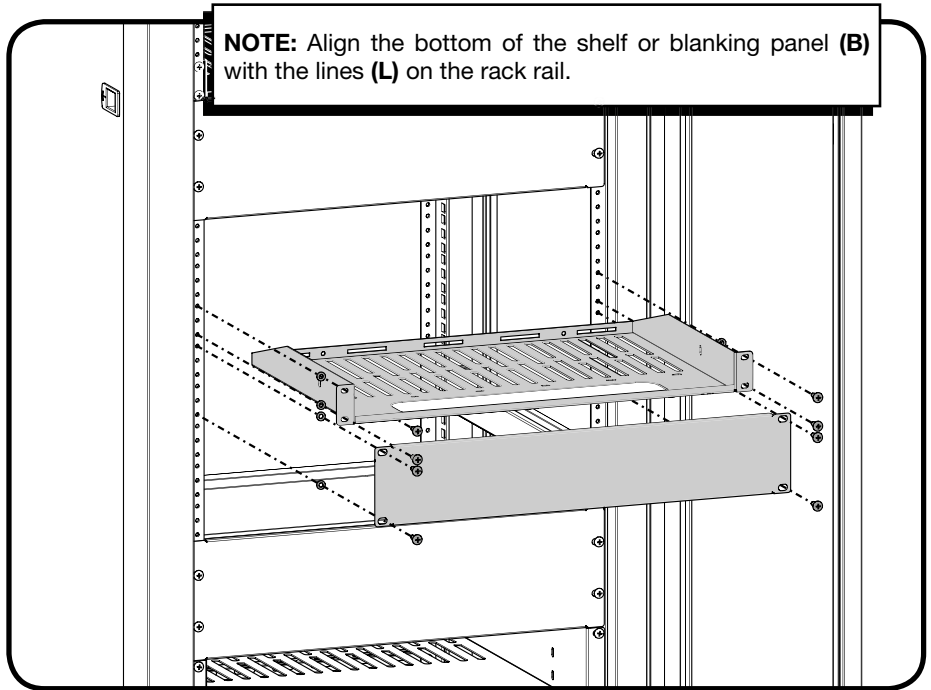
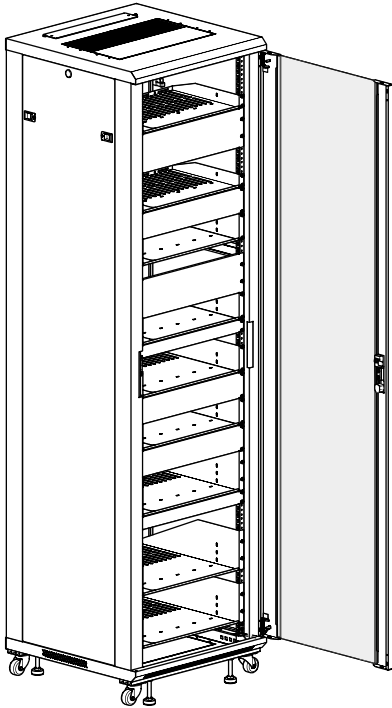
**To install fan:**

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.

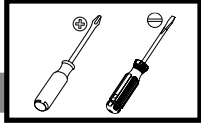




6. ADJUST SHELVES AND BLANKING PANELS:



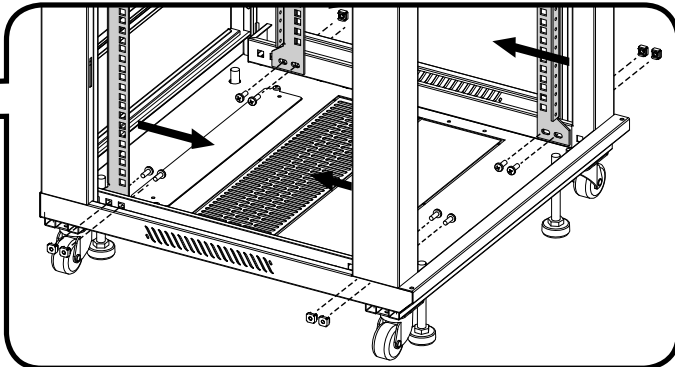
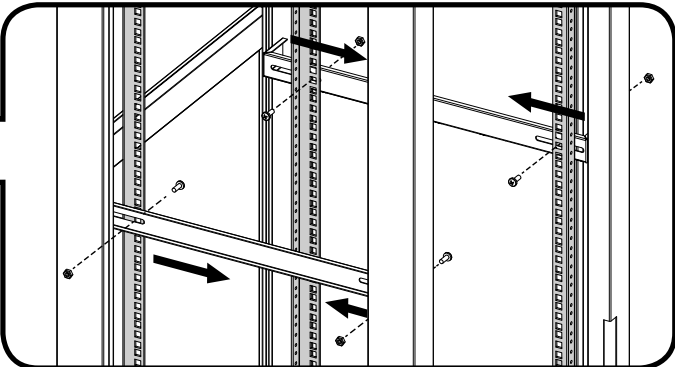
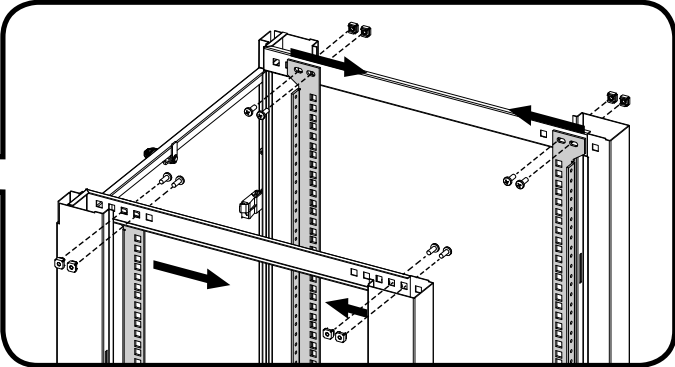
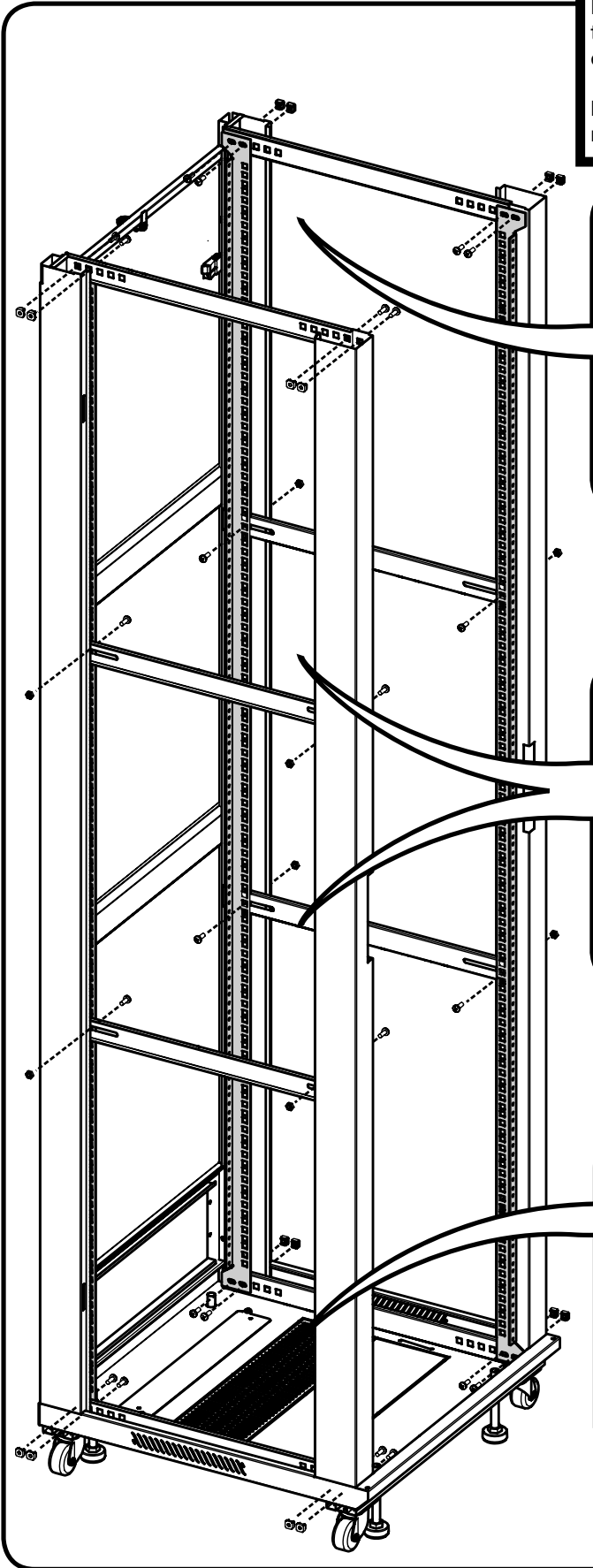
OPT



7. ADJUST RACK RAILS:

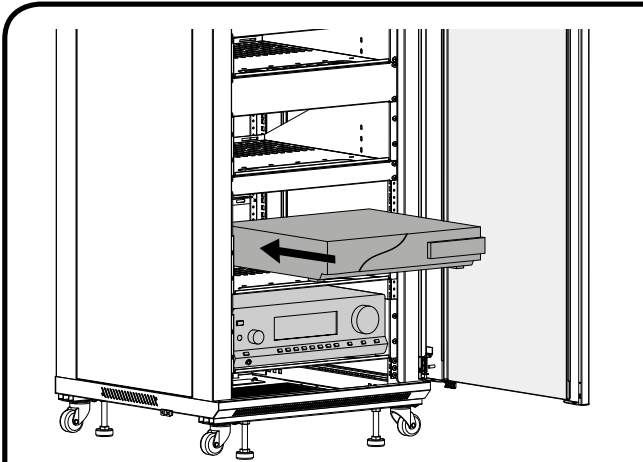
Remove the shelves and blanking panels before adjusting the rails. Adjust the top and bottom, and right and left rails evenly.

**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 1/3 of the rack.

### Rack Shelf Backstops **OPT**

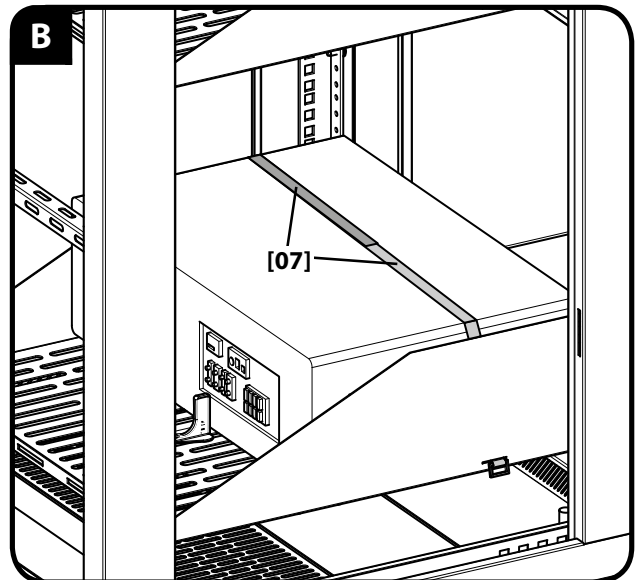
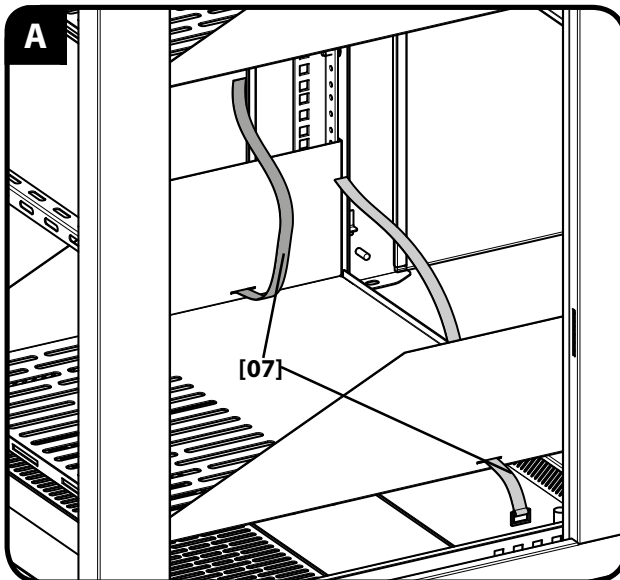
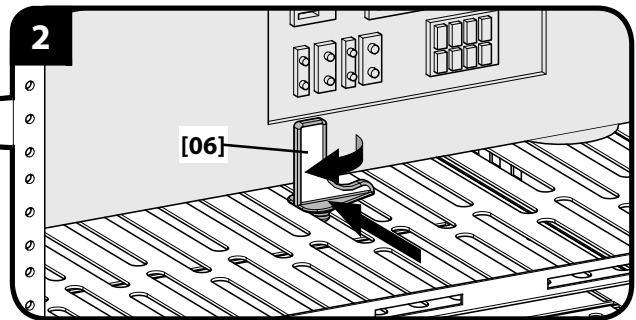
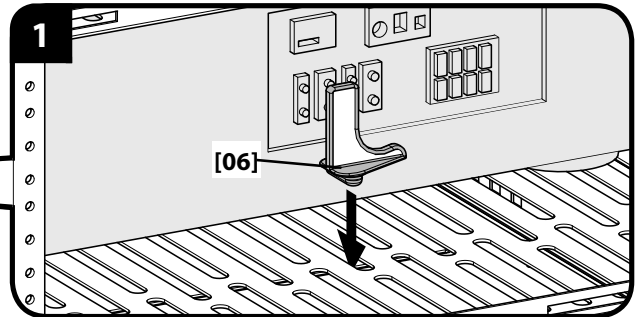
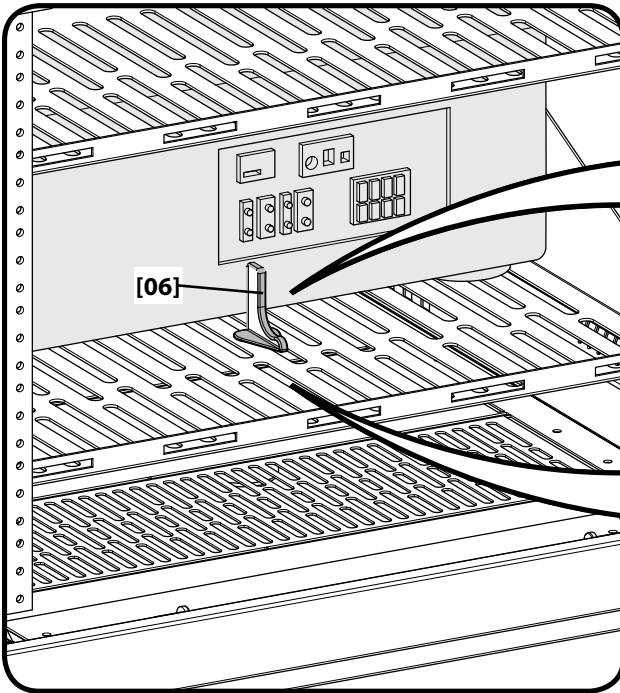
**NOTE:** rear view with back panels removed.

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.

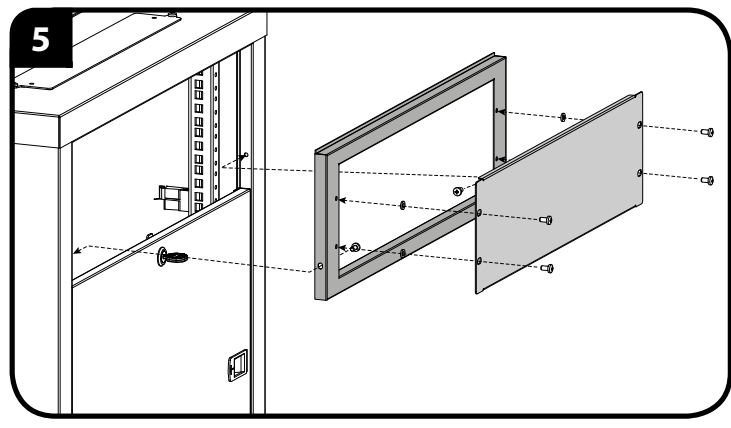
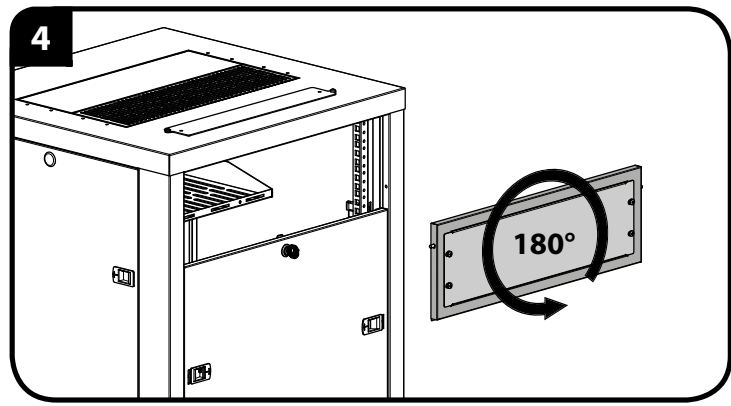
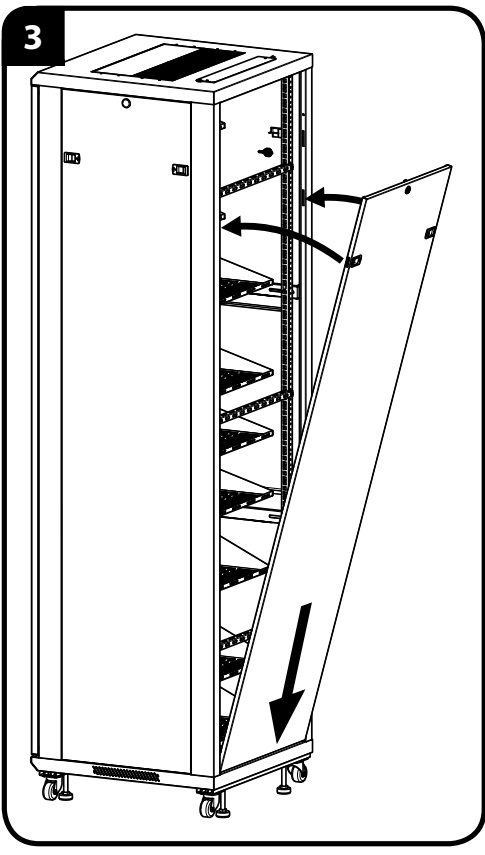
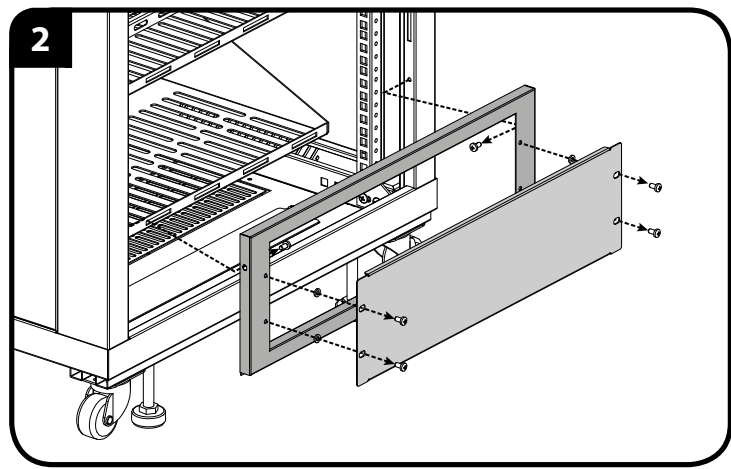
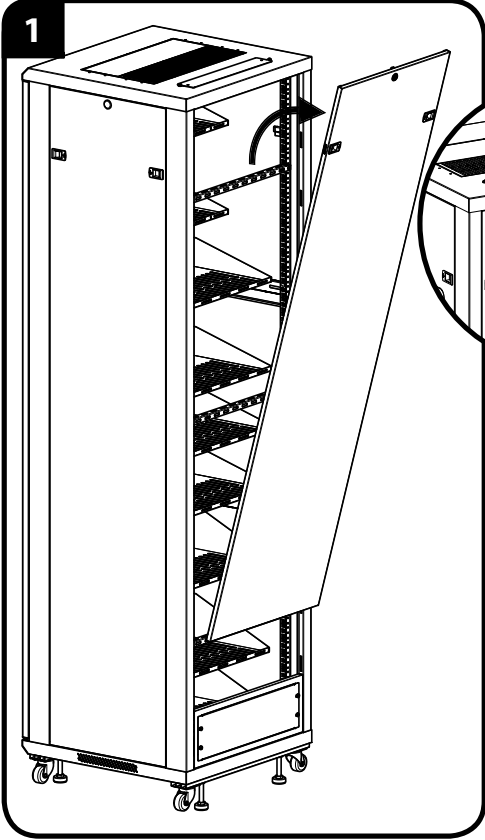




9. SWITCH BACK PANELS:

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.

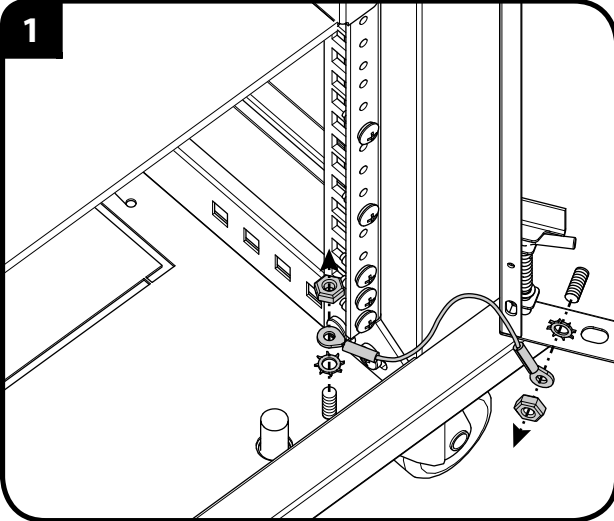


OPT



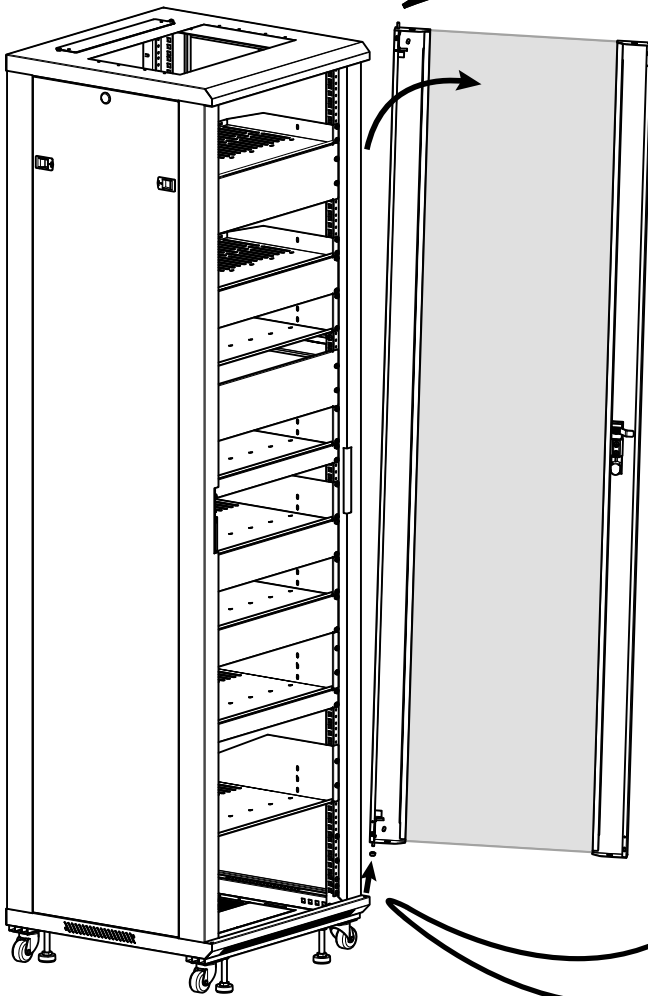
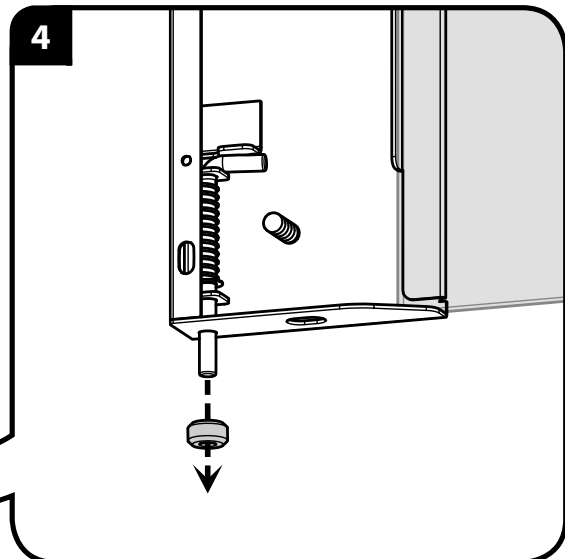
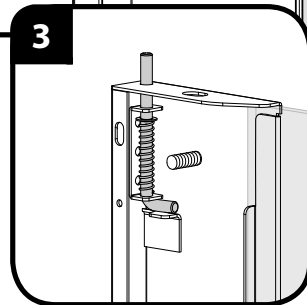
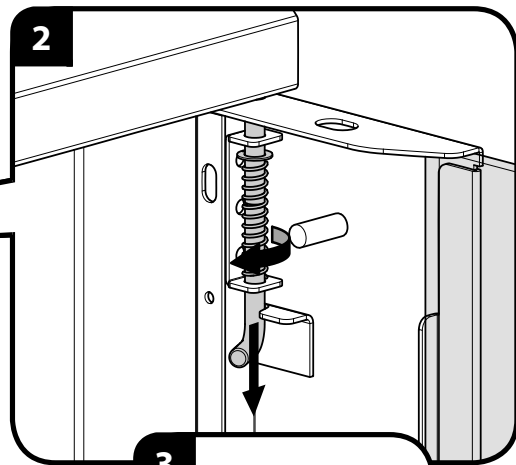
10. REVERSE THE FRONT DOOR:

Remove the door

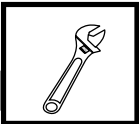


1. Remove the door grounding wire from bottom of rack and the door.
2. Turn upper door pin to release from locking tab and pull down to release door from rack and lift door from rack frame.
3. Release upper pin and turn it back to secure it under the locking tab.
4. Remove spacer from bottom door pin.

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



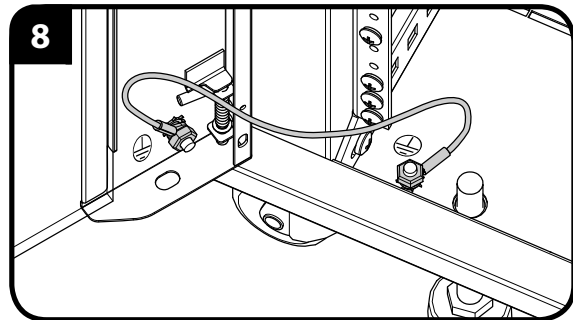
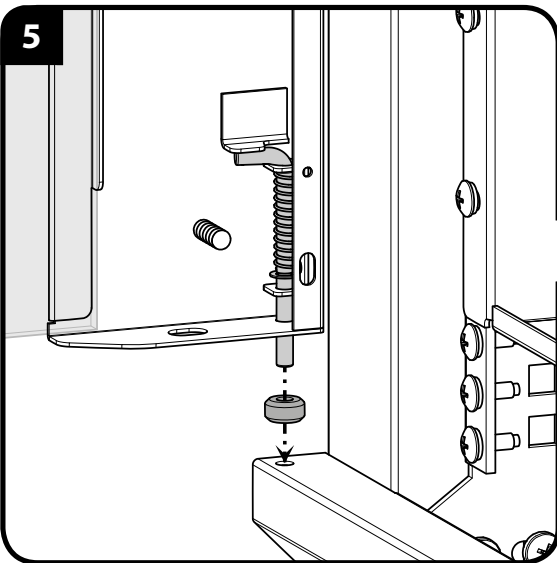
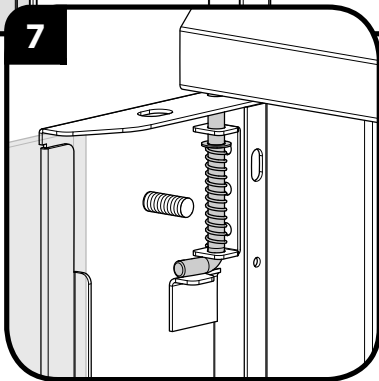
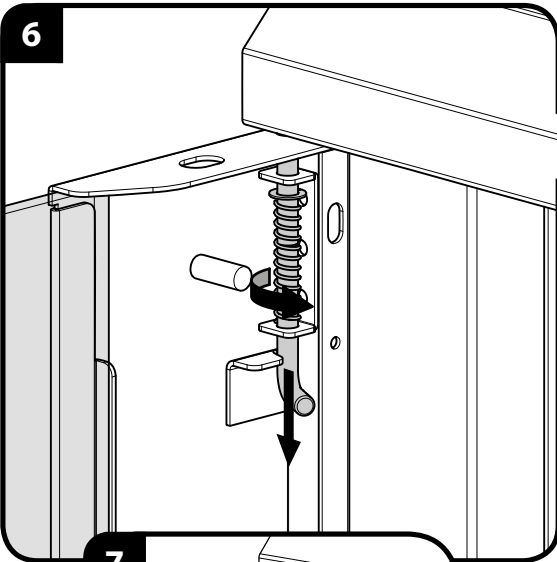
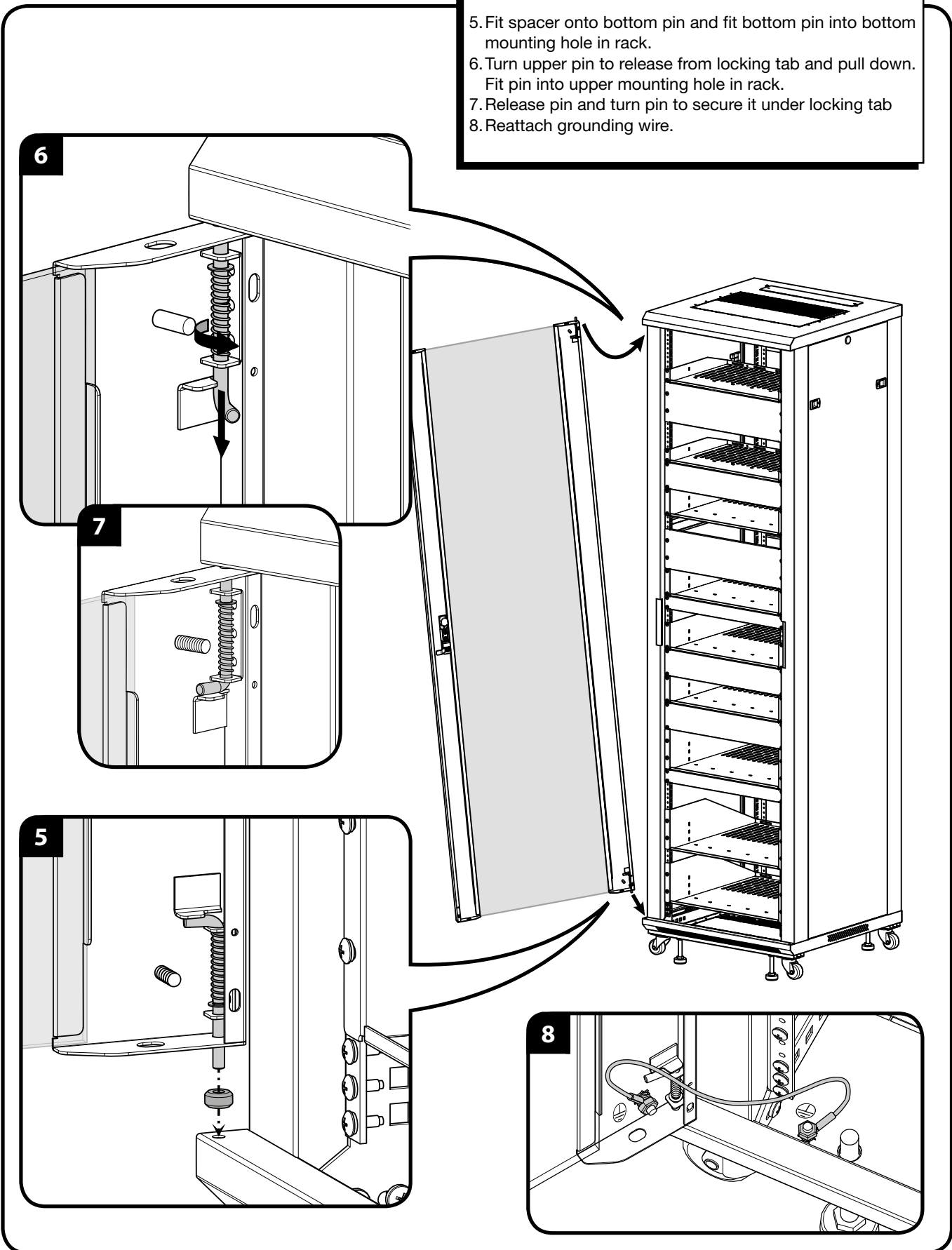
**OPT**



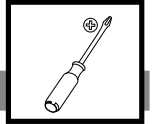
**10. REVERSE THE FRONT DOOR - CONTINUED:**

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.

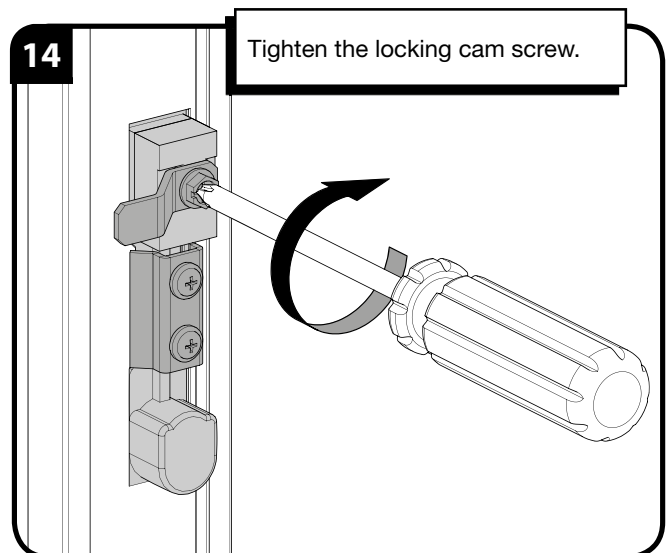
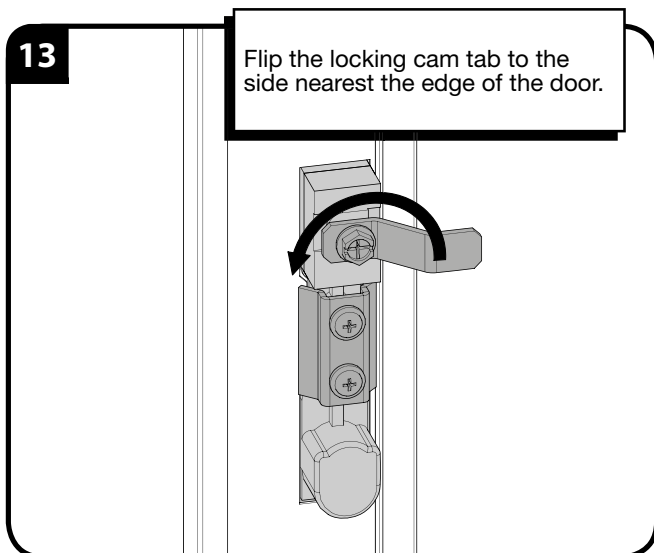
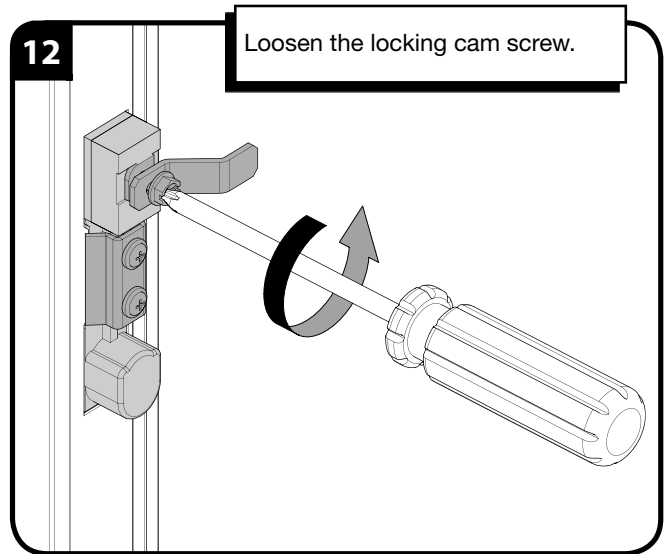
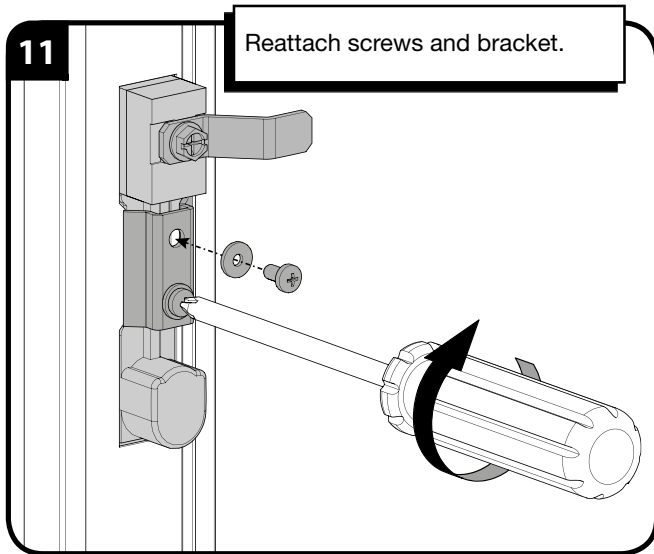
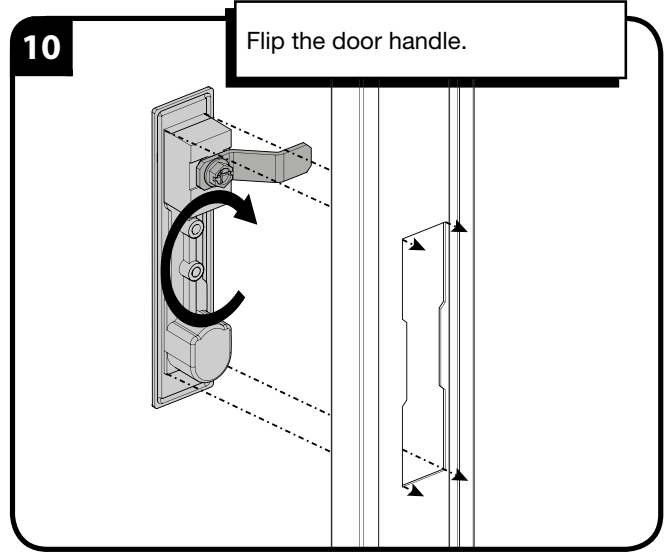
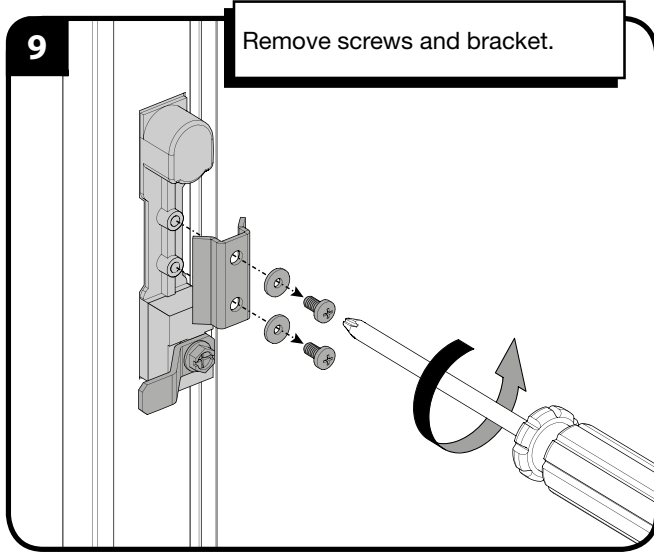


OPT



10. REVERSE THE FRONT DOOR - CONTINUED:

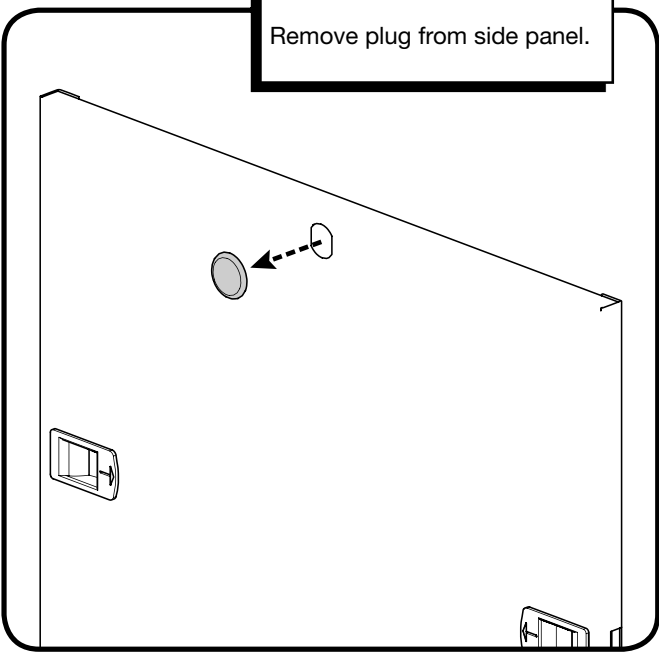
Flip the door handle



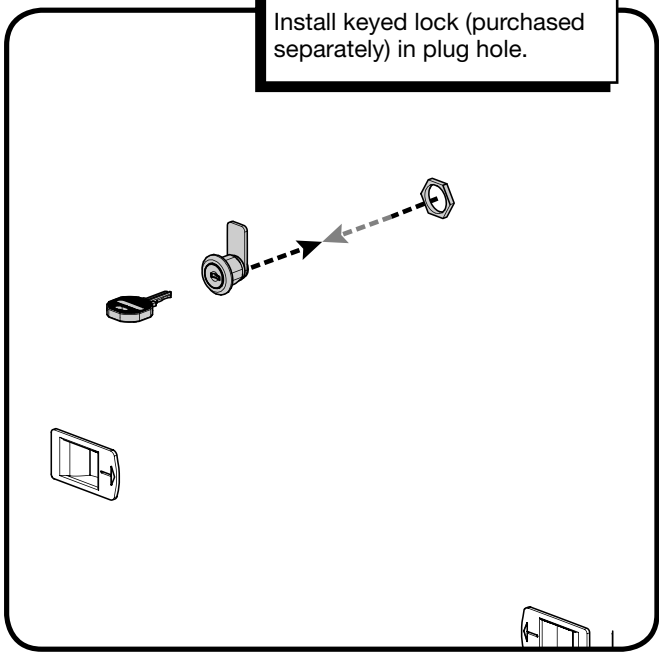
OPT

11.ADD KEYED LOCK TO DOOR:

Remove plug from side panel.



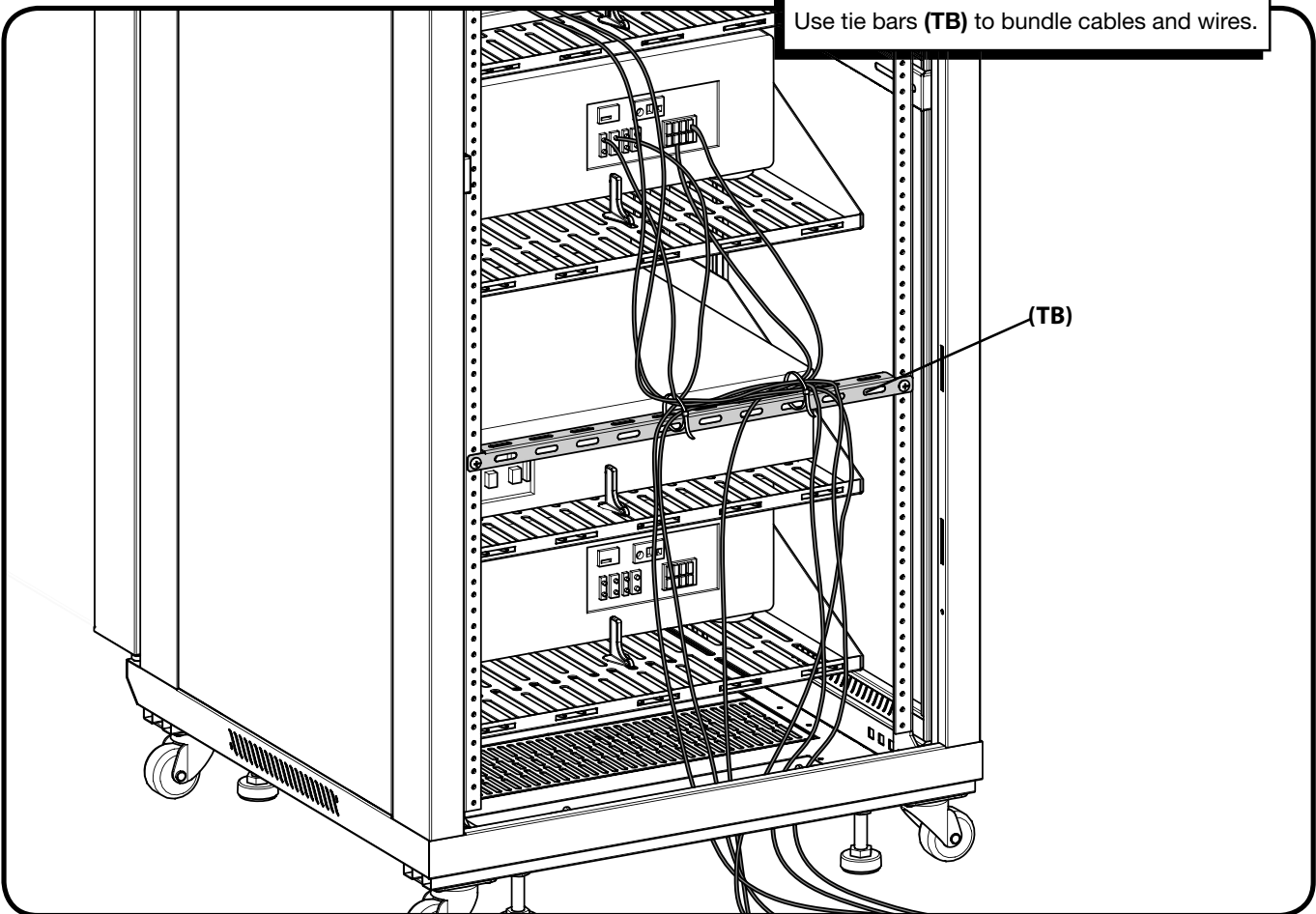
Install keyed lock (purchased separately) in plug hole.



OPT

12.MANAGE CABLES:

Use tie bars (TB) to bundle cables and wires.

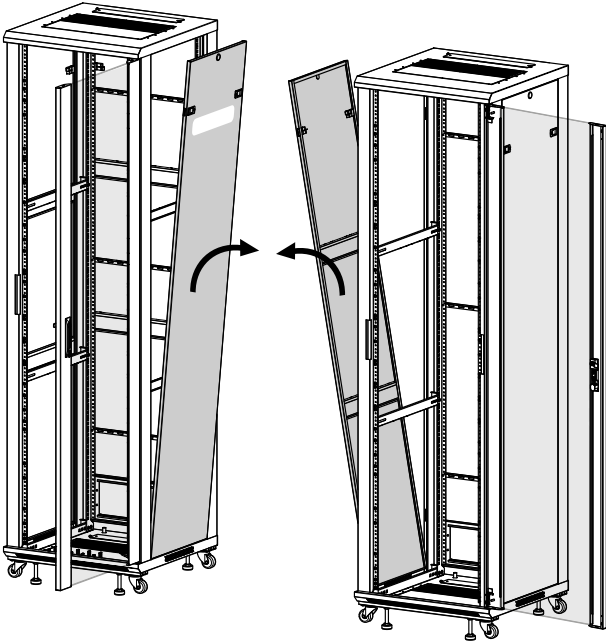


OPT

13. GANGING RACKS:

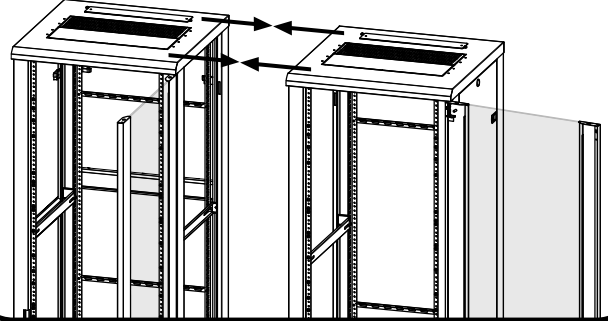
1

Remove side panels on sides to be connected.



2

Move racks together until sides are touching.

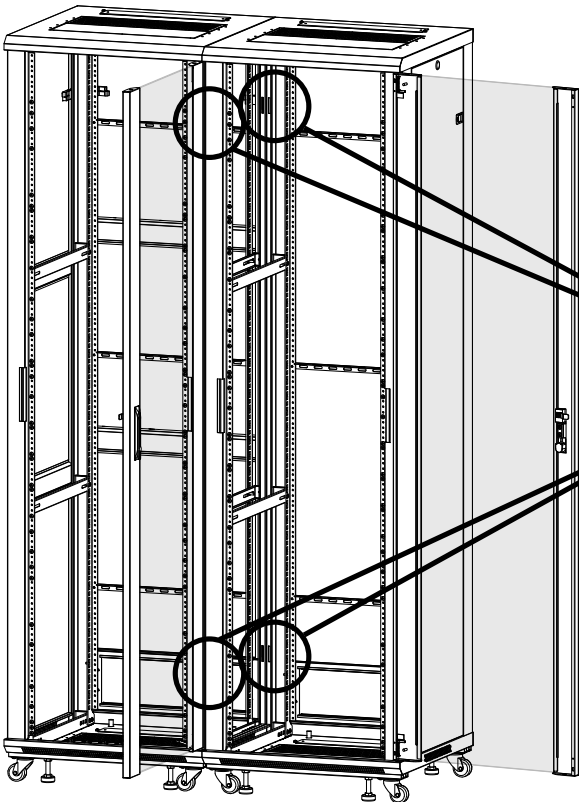
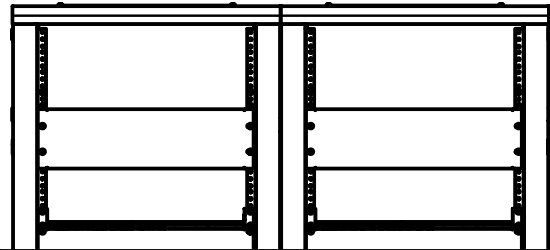


3

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

(GC)

