



Containment Dual Sliding Door User Installation Guide





Introduction

Thank you for choosing a Tate product. Tate containment products are engineered to maximize the efficiency of your data center air handling system by isolating cold supply and hot exhaust airflow. We would be interested in hearing any comments you may have on this installation manual, product, or overall experience. Please call or e-mail our Technical Service Department:

Phone: 410-799-4200

E-mail: Info@tateinc.com

Safety

- Two or more people are required for the handling and installation of this system.
- Wear personal protective equipment (PPE) when drilling, cutting, or installing. PPE includes gloves, safety eyeglasses, hard hats, etc.
- Do not leave the site unattended until the installation is complete.
- Do not drill into the raised floor or server rack without first ensuring that no electrical wires or cabling are in the area of drilling.

Included Components

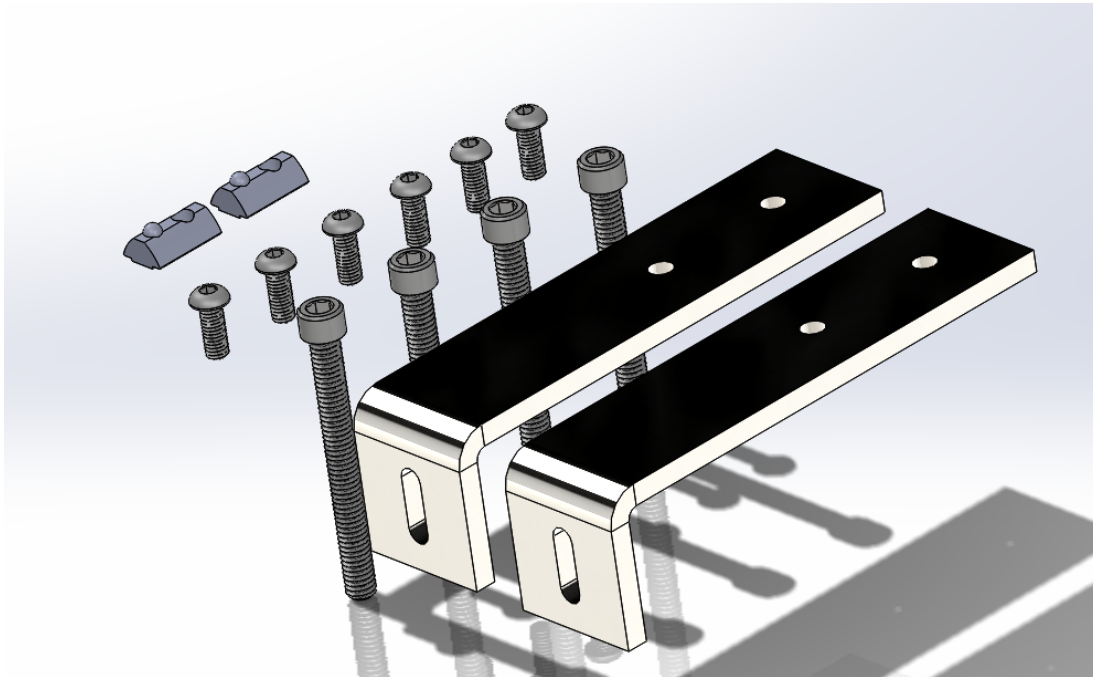
1. Containment Door
2. Floor and Rack mounting hardware

Required Tools

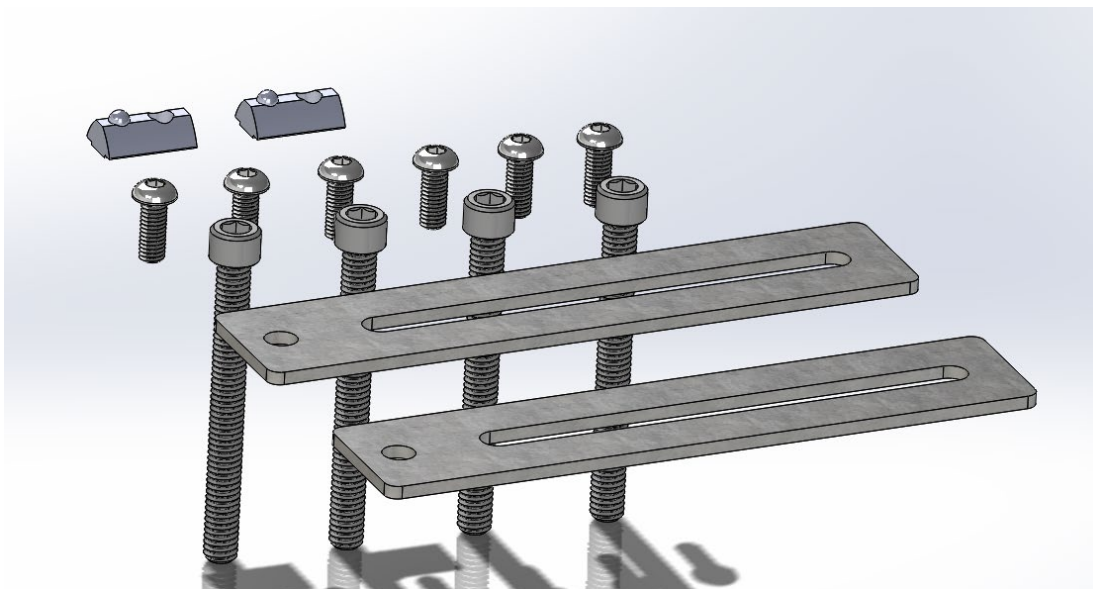
1. Level
2. Allen Wrench (6mm)
3. Drill-bit with Power Driver

Floor and rack mounting hardware

1a. Use long L-bracket hardware if the door is taller or shorter than the rack.

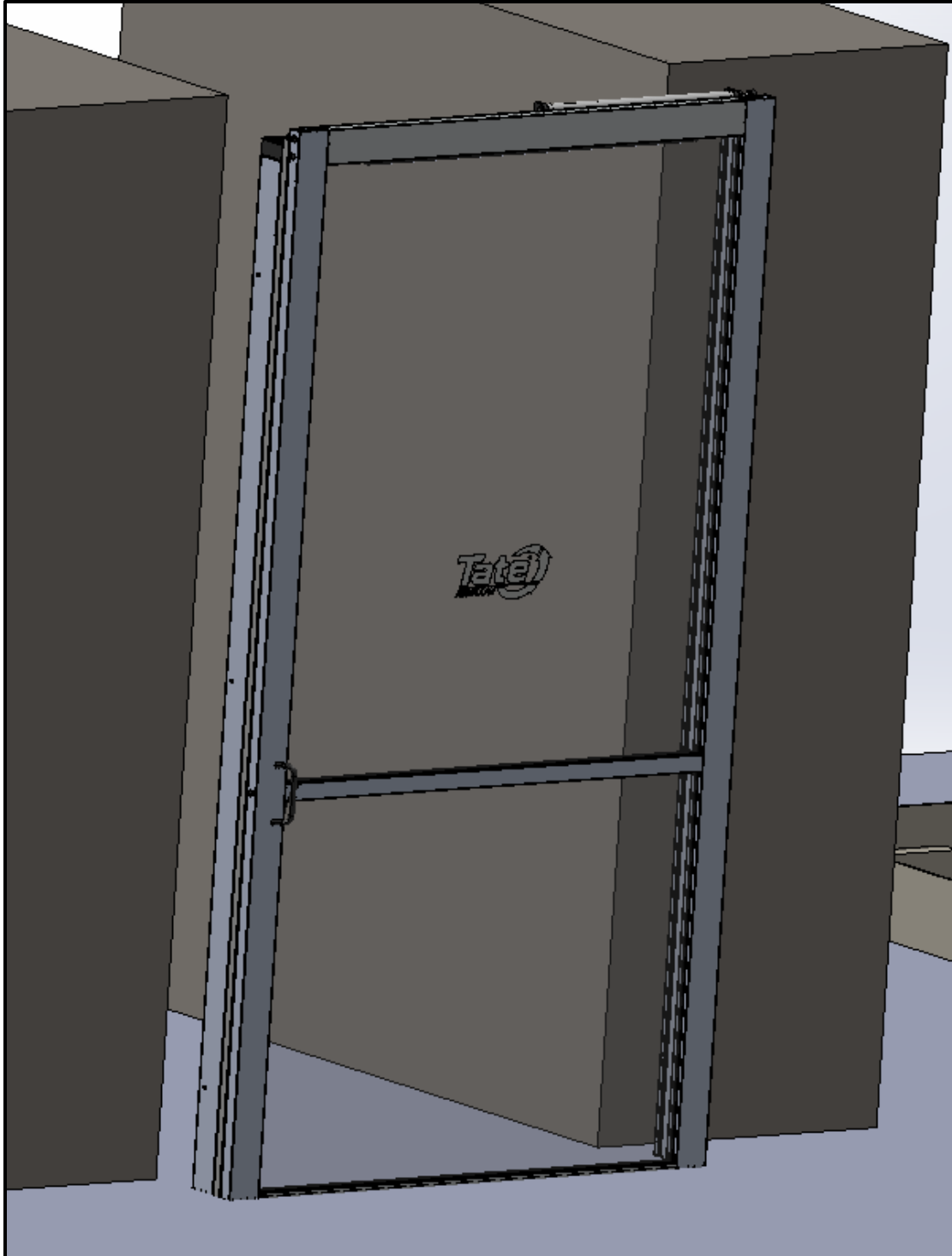


1b. Use straight bracket hardware if the door is the same height as the rack.



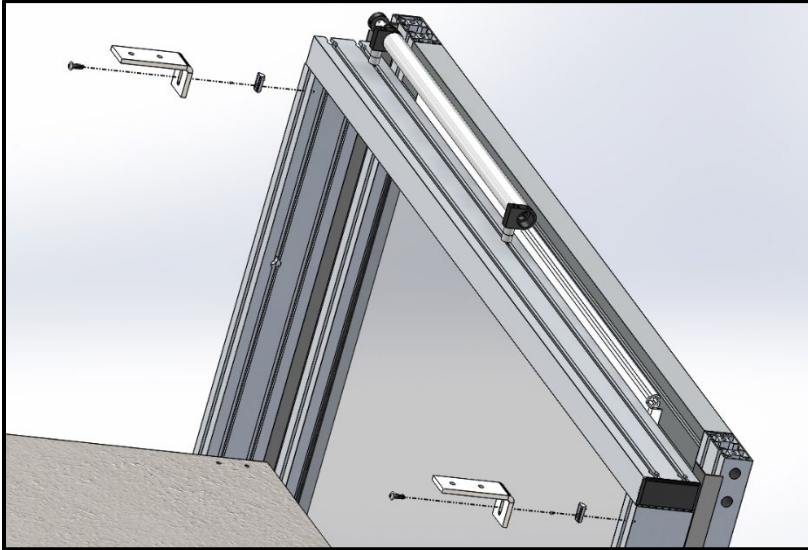


2. Unpack and aligned the door next to the rack.

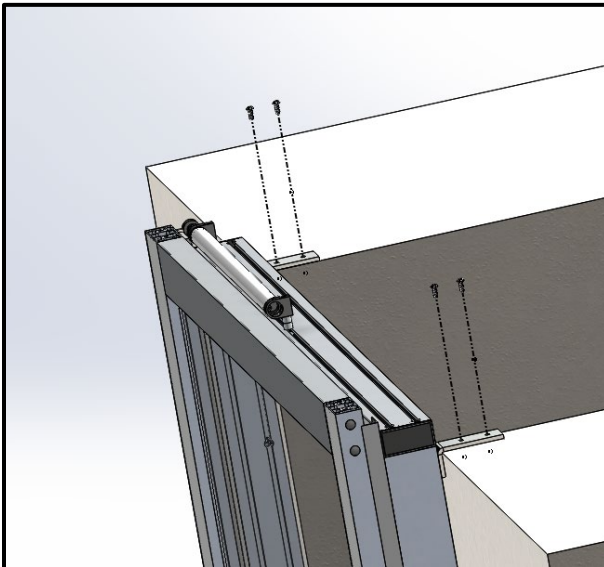


If the door is taller than the rack, follow these installation directions.

2a. Insert T-Nuts into slot on the back of the vertical door frame extrusion on both sides of the door. Then bolt the L-bracket to the T-nuts in position so the L brackets lay flat and even on the top of each rack.

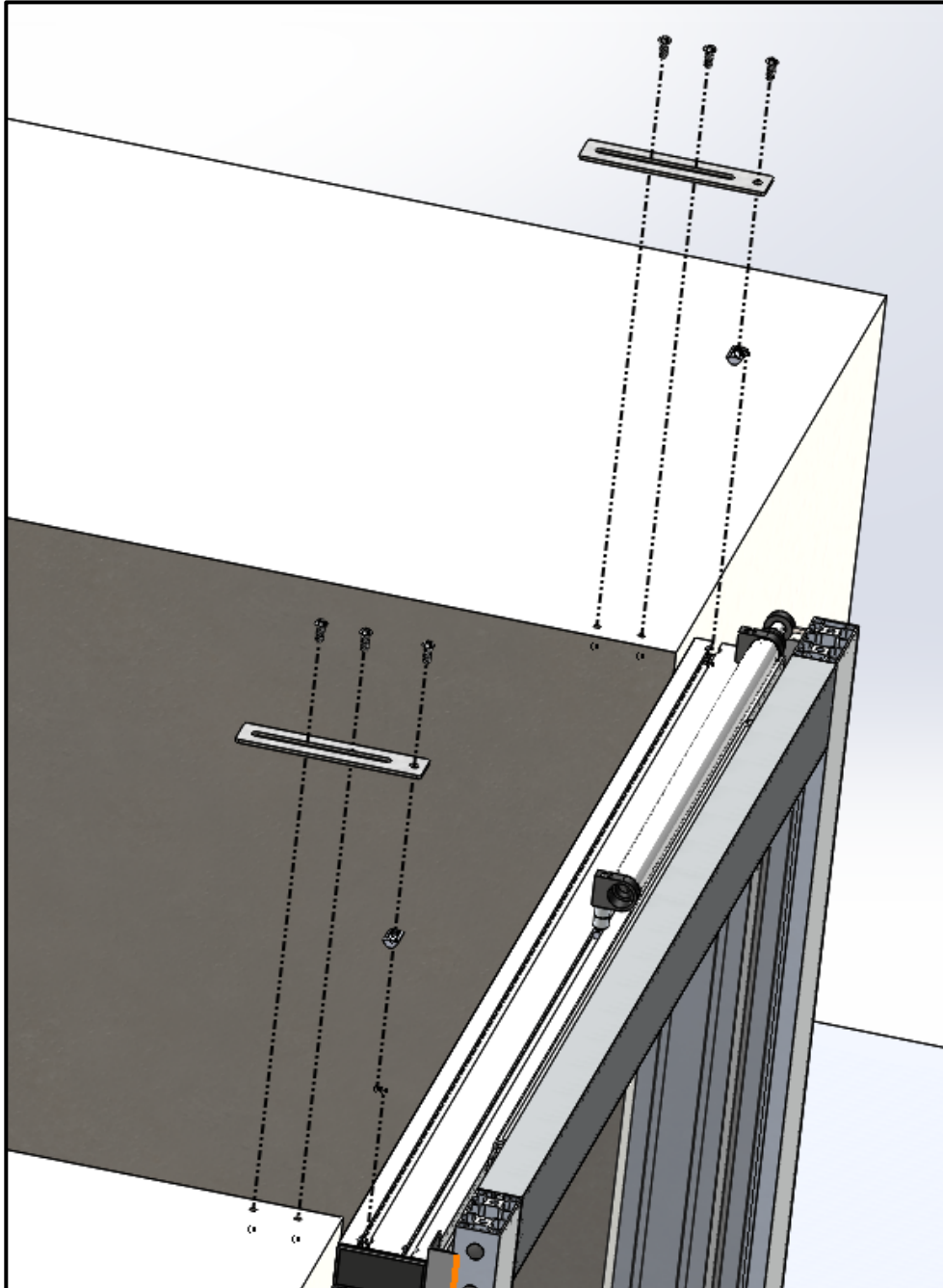


2b. Once the L-brackets are bolted to door frame, stand the door vertically against the racks where the door it is to be installed. Adjust the door position to the desired location and bolt the door to the racks through the L-brackets

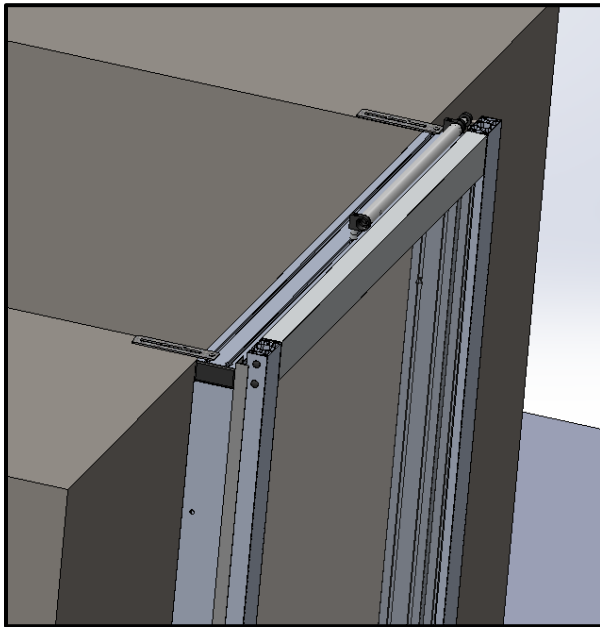


If the door is the same height as the rack than follow these installation directions.

3a. Insert T-nuts into the top horizontal slot near the ends of the header bar extrusion on both sides of the door. Then bolt the straight bracket to the T-slot nuts in position so the bracket lays flat and even on the top of the rack.



3b. Once the straight brackets are bolted to door frame stand door vertically against the racks where it is be installed. Align door in desired position and bolt door to the racks through the straight brackets.

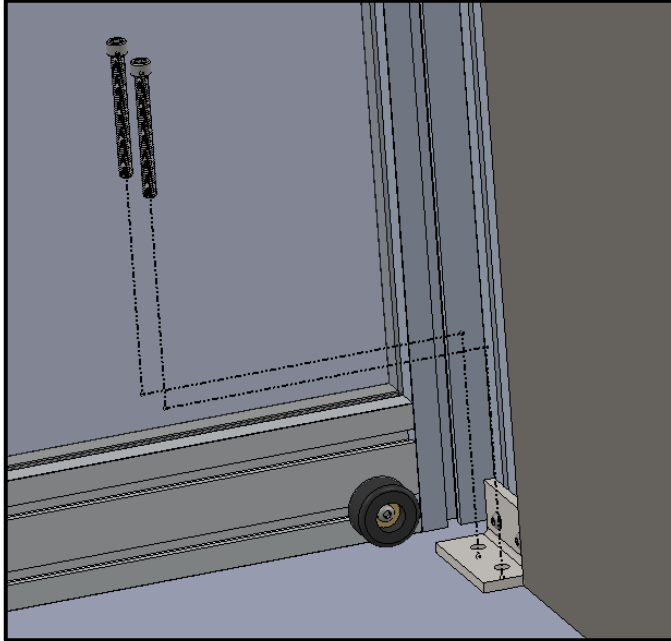


Mount the door to the floor

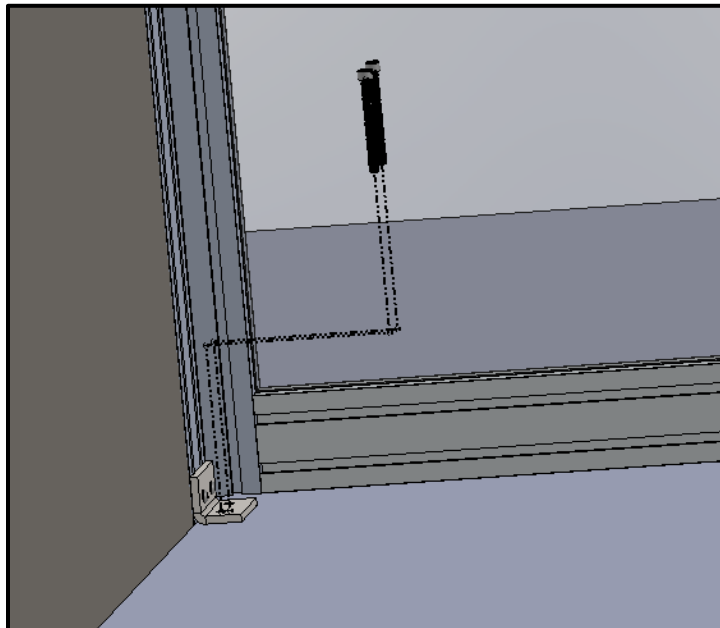
4a. Use the level to ensure that the frame is in the correct location and is not tilted in any way. Use the level on the sides and on top of the header bar. Floor shims may be required to level the door.



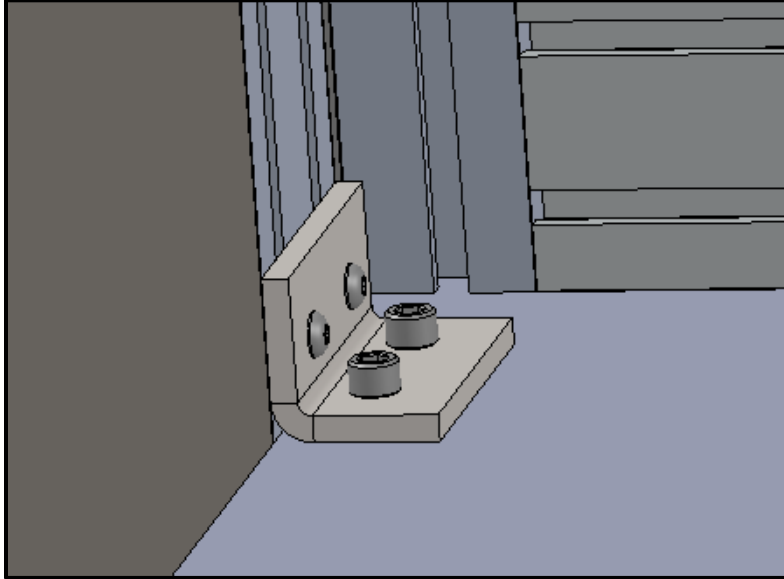
4b. Once the door is level, pre-drill the floor for the installation of bolts through the pre-installed floor-mounted angle brackets. After drilling holes install 2-30mm M6 bolts to secure door to the floor.



4b. Repeat the process above on the other side of the door.



4c. Properly installed floor mounted angle bracket



Trouble Shooting

1. Door is not level, Door rubs floor when opening

The doors may not align properly if the floors are not level or if the Header is not fully bolted down.

2. Door does not seal properly

The doors will not seal correctly if the frame assembly is not square. Adjust the frame assembly by loosening the bolts.



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