Containment Single-Hinged Door
User Installation Guide

Hinge Door Installation Manual

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

Phone: 410-799-4200
E-mail: technical@tateinc.com

Safety

1. Two or more people are required for the installation of this system.
2. Wear personal protective equipment (PPE) when drilling, cutting, or installing. PPE includes gloves, safety eyeglasses, hard hats, etc.
3. Do not leave the site unattended until the installation is complete.
4. 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

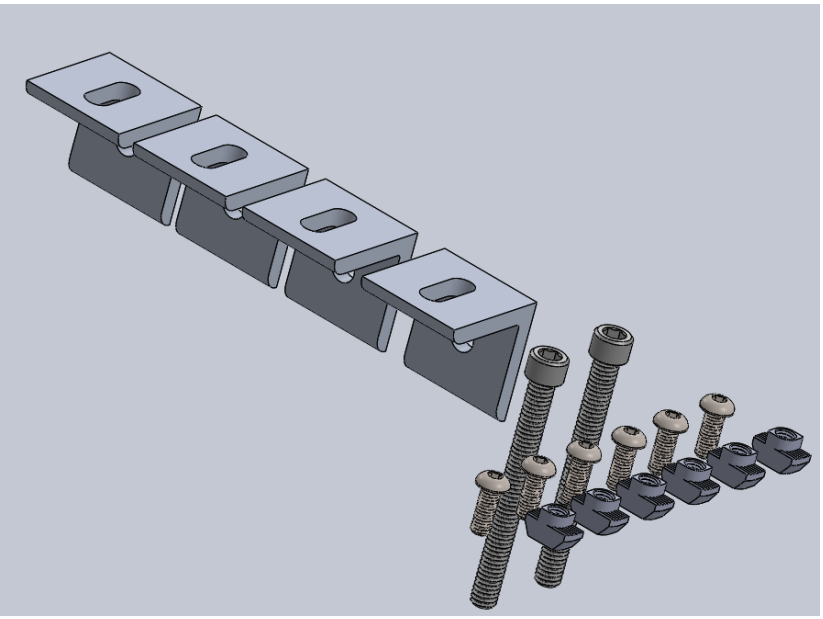
1. Containment Hinge Door
2. Floor and rack mounting hardware

Required Tools

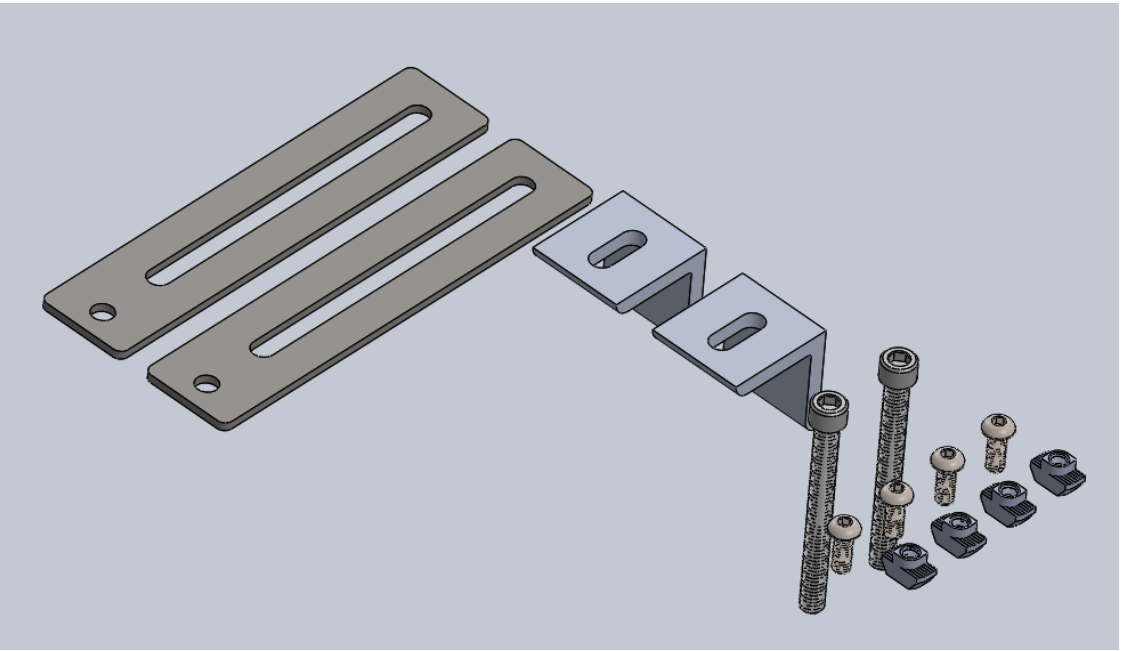
1. Level
2. Allen Wrench (6mm)
3. Drill-bit with Power Driver

Please ensure the installment site is clean and level prior to assembly. Make sure floors and racks are level.

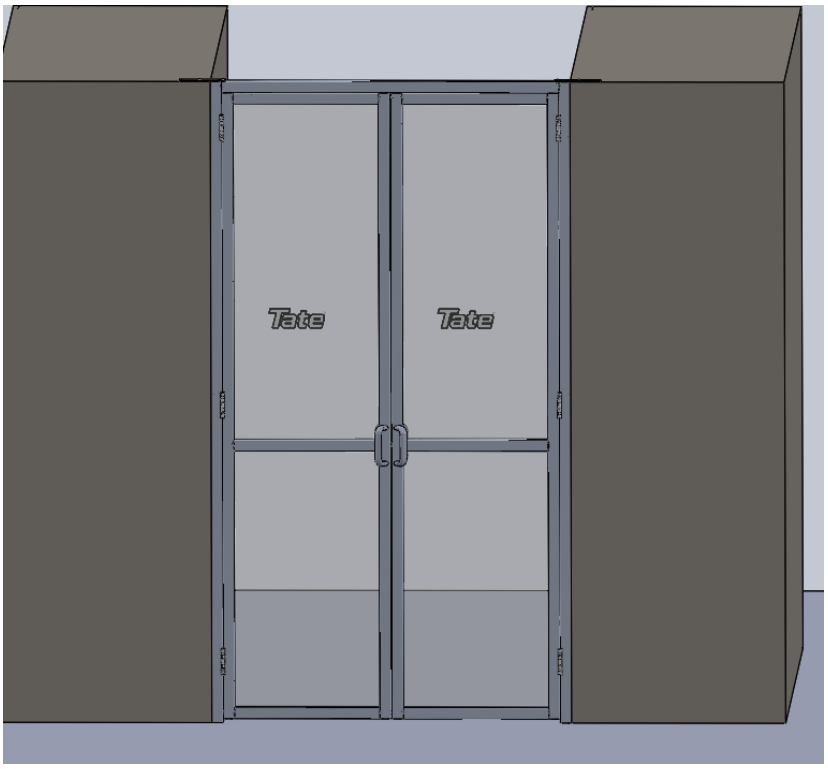
1a. Use hardware below, if the door is taller or shorter than the rack.

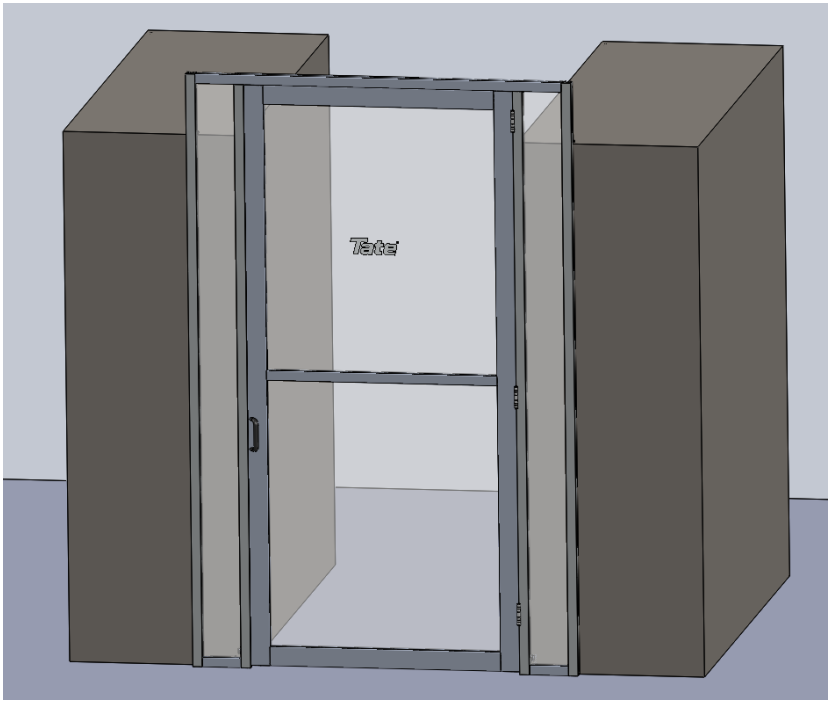


1b. Use the hardware below if the door is the same height as the rack.



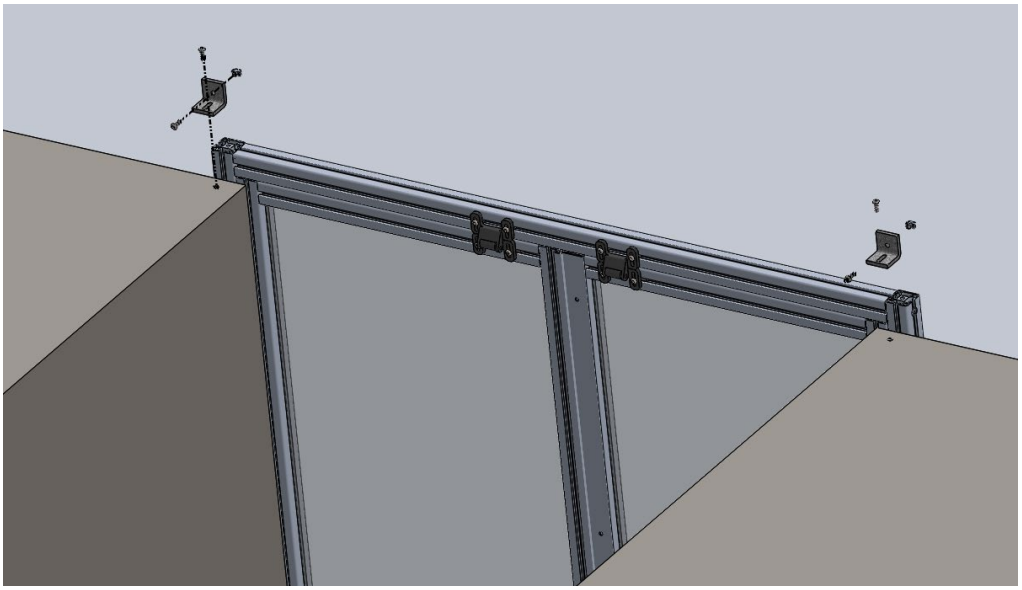
2. Aligned the door next to the rack.



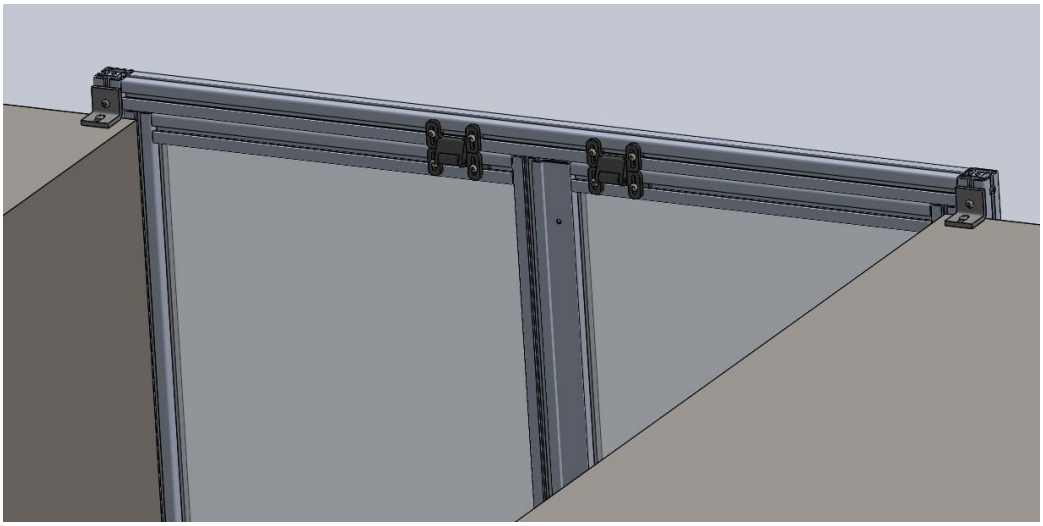


If the door is taller than the rack, follow these installation directions.

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.

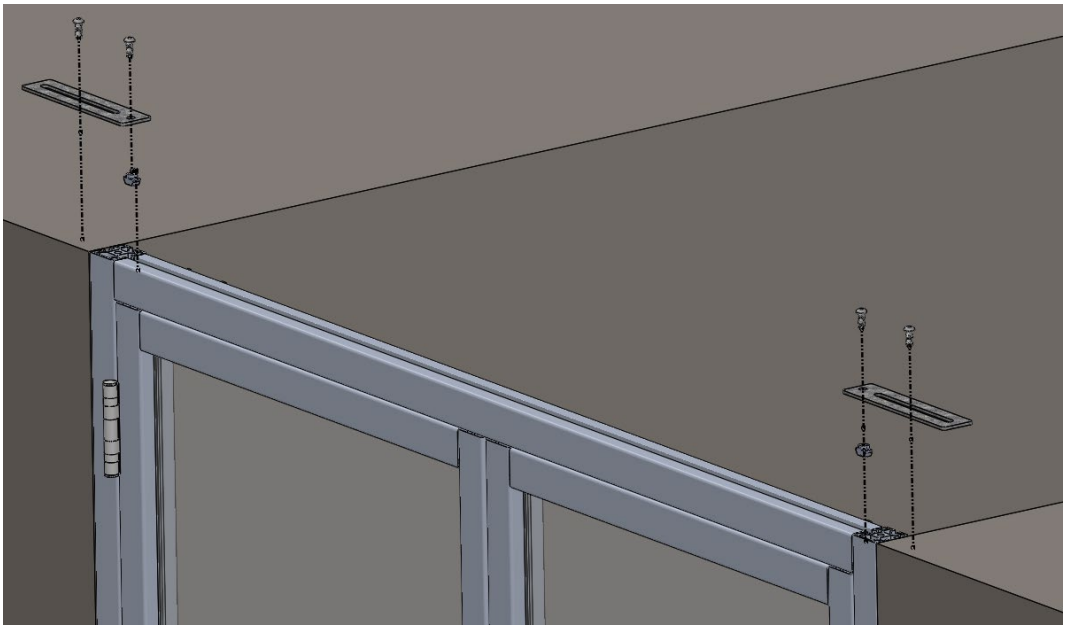


3b. Once the L-brackets are bolted to door frame, stand the door vertically against the racks where the door it is to be installed. Adjust the door position to the desired location and bolt the door to the racks through the L-brackets.

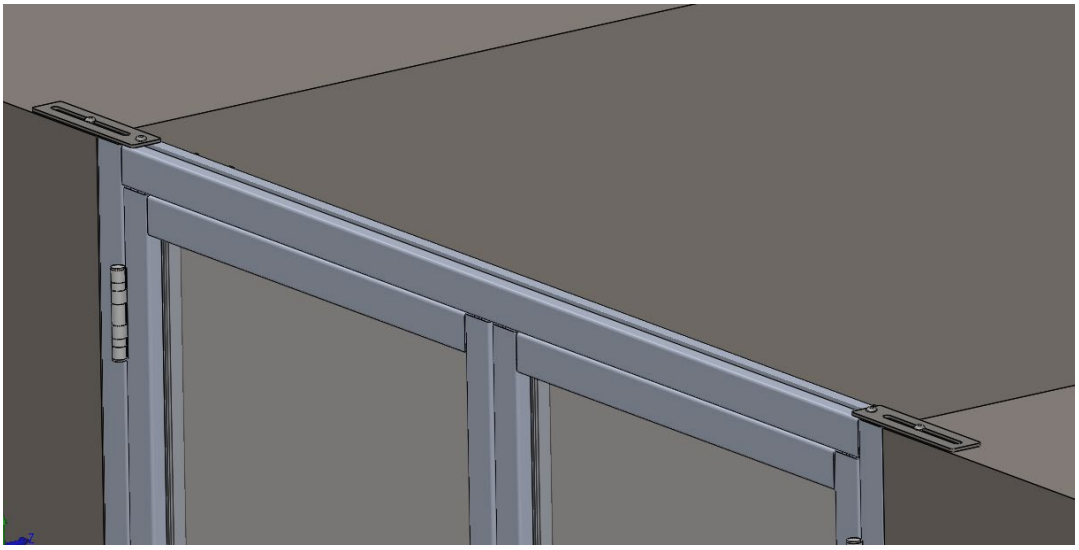


If the door is the same height as the rack, follow these directions.

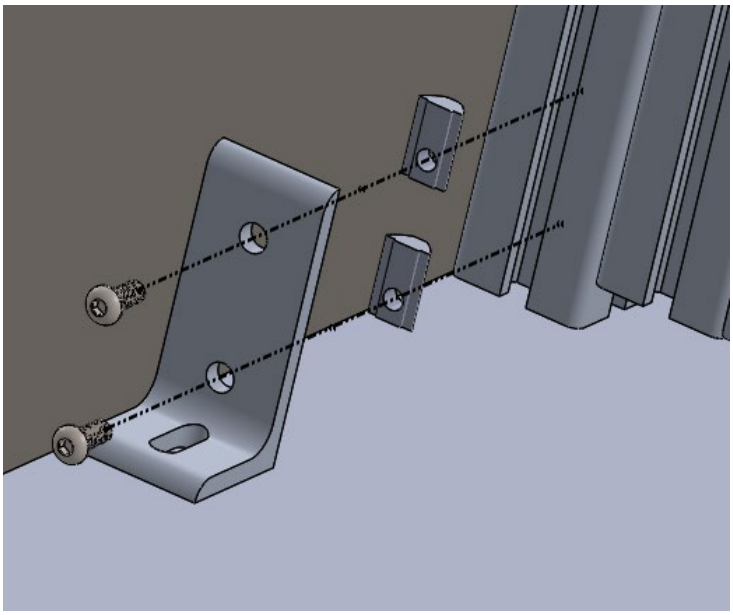
3a. Insert T-nuts into the top horizontal slot near the ends of the header bar extrusion on both sides of the door. Then bolt the straight bracket to the T-slot nuts in position so the bracket lays flat and even on the top of the rack.



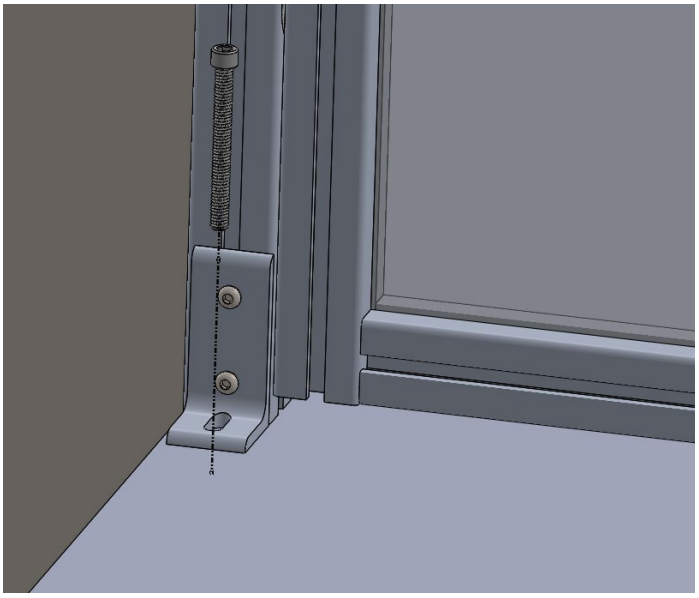
3b. Once the straight brackets are bolted to door frame align door in desired position and bolt door to the racks through the straight brackets.



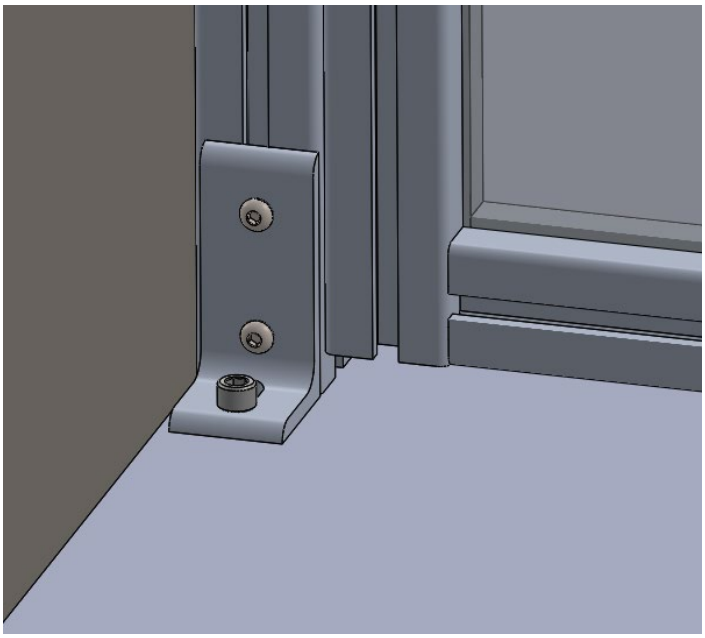
4a. Insert Spring Ball T-Nuts into slot on the back of the vertical door frame extrusion on both sides of the door. Then bolt the L-bracket to the T-nuts in position so the L brackets lay flat and even on the floor.

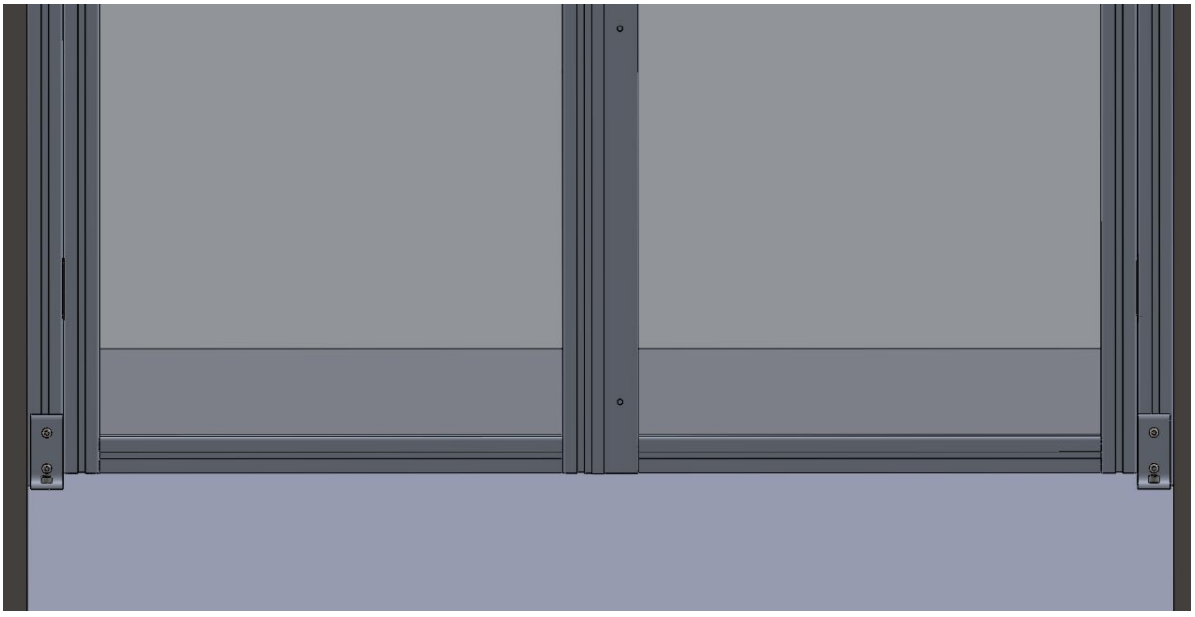


4b. Once the door is level pre-drill the floor for installation of bolts through the floor mounted angle brackets. After drilling holes install bolts to secure door to the floor.



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.

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