

Double Sliding Door Installation Manual

Auto Closing

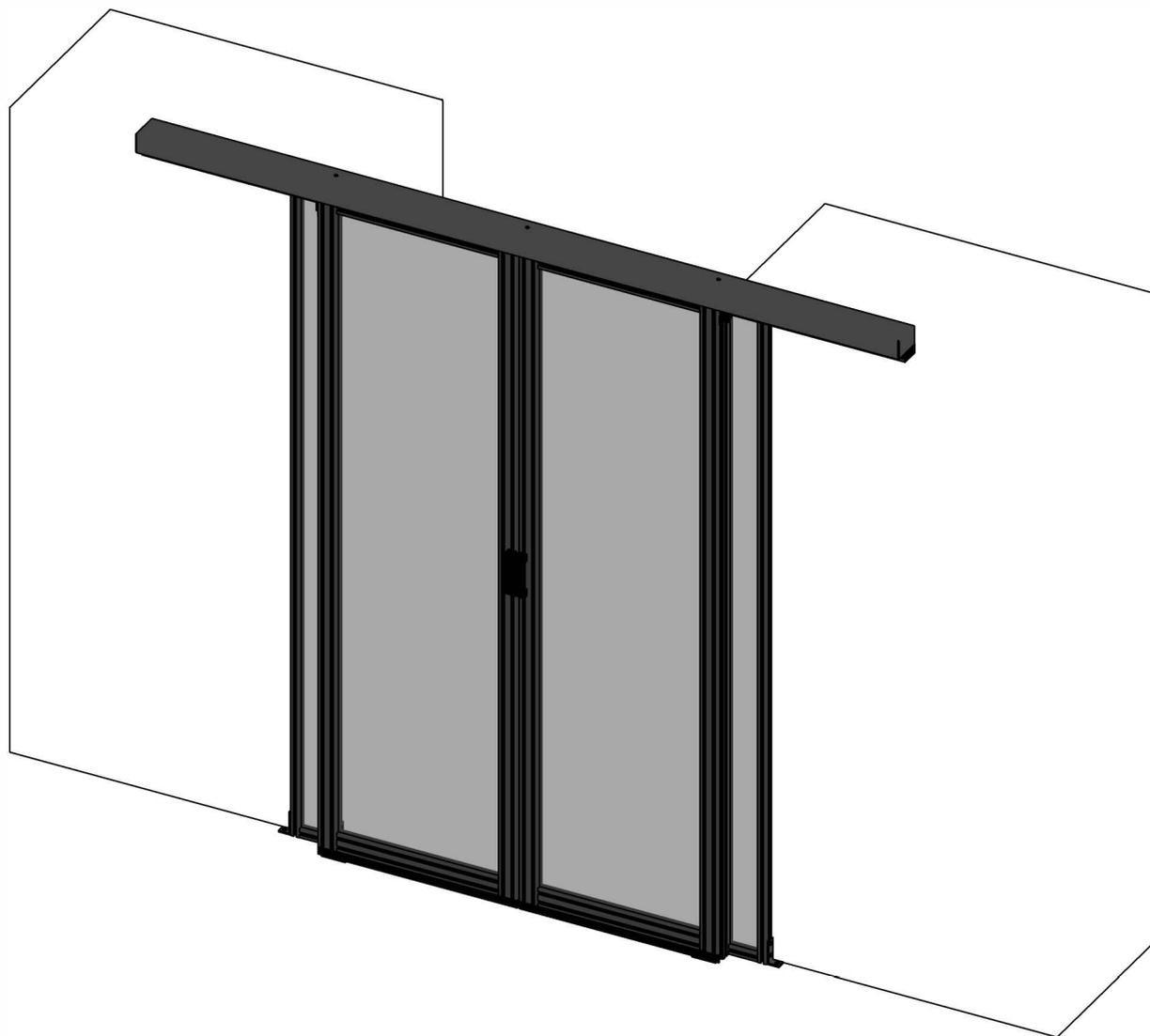


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Safety & Handling

When unpacking the Double Sliding Doors and components, be careful not to scratch the aluminum frame and the polycarbonate. They have been carefully packaged and inspected before crating. Inspect all components and be sure all required hardware is included for assembly. Reference the Packing Slip.

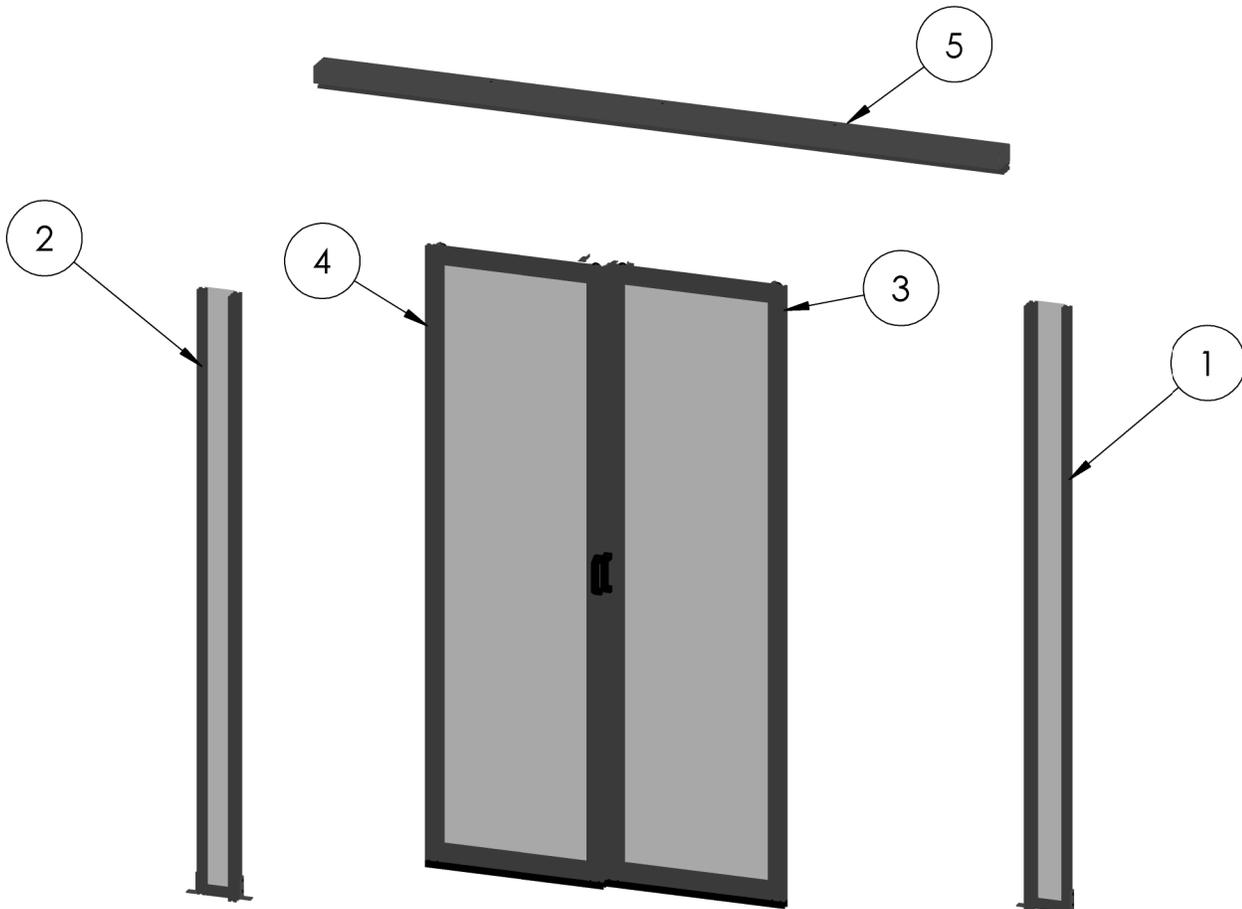
Use the proper tools for all assembly procedures as well as installation of the doors in and around the cabinets.

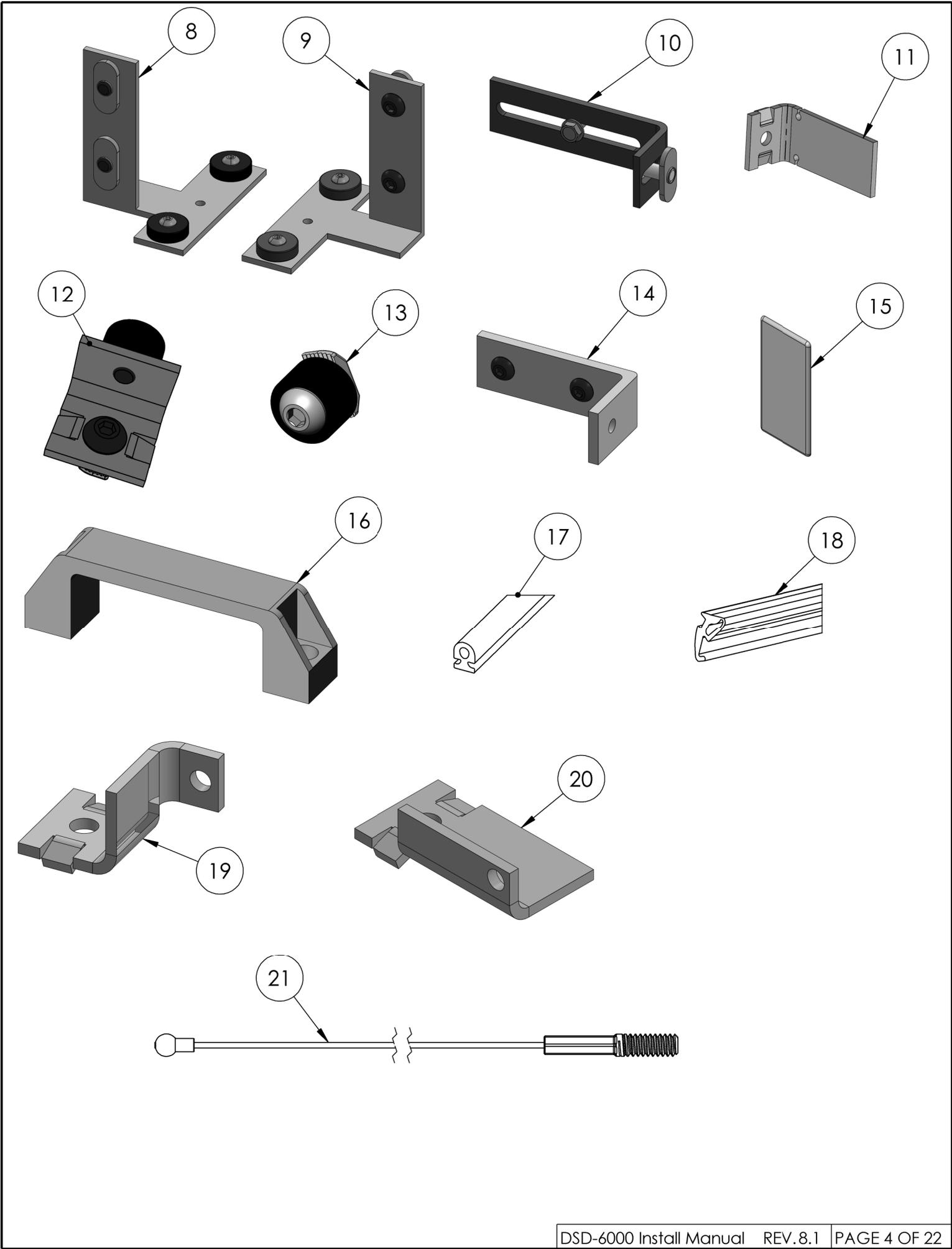
All movement and assembly requires two persons for safety and protection of the doors being installed and the equipment around them.

Tools List

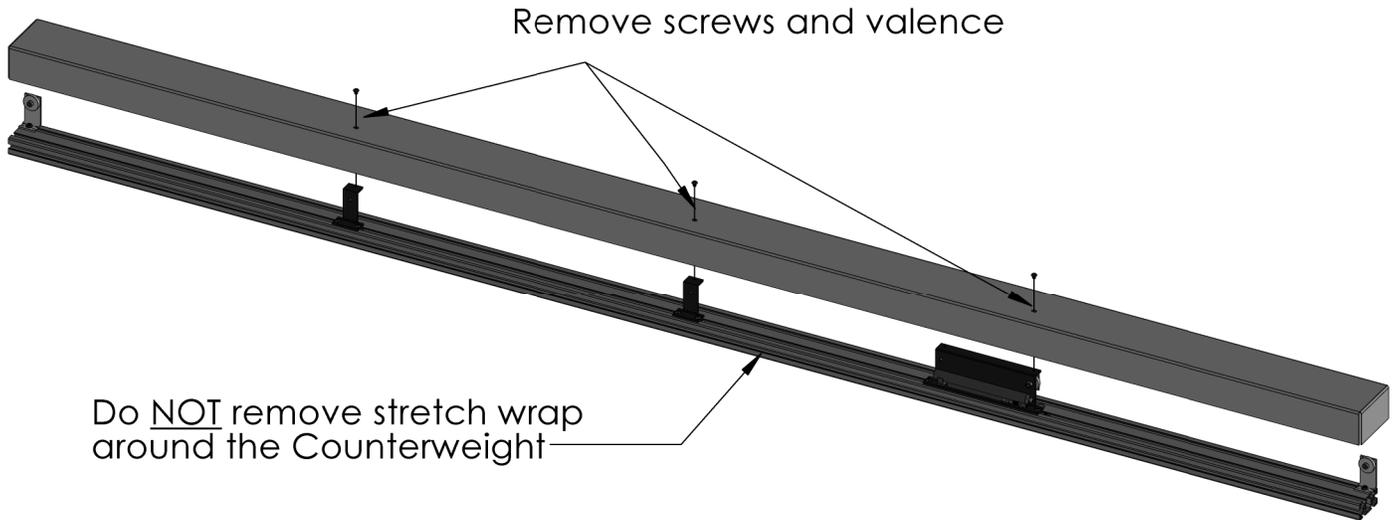
Tape Measure	Step Ladder	Extension Cord	Hammer	Rubber Mallet	Level
Phillips Driver	$\frac{5}{16}$ " Hex Nut Driver	$\frac{3}{16}$ " T-Handle Hex Wrench	$\frac{5}{32}$ " T-Handle Hex Wrench	$\frac{1}{8}$ " Allen Wrench	$\frac{9}{32}$ " Drill Bit
Drill	$\frac{3}{8}$ " open end wrench	Small Crescent wrench	Pencil	Fine Point Marker	String or Straight Edge
Vacuum	Amonia free Cleaner	Rags	Scissors	Knife	
Floor Tile Installations:	$\frac{1}{4}$ " Masonry Bit	Hammer Drill			

ITEM NO.	PART NUMBER	QTY	DESCRIPTION
1	DSD-6000-SPR	1	Right Side Panel
2	DSD-6000-SPL	1	Left Side Panel
3	DSD-6000-DP	1	Right Door Panel
4	DSD-6000-DP	1	Left Door Panel
5	DSD-6000-H	1	Header Assembly
8	HDW-403008R	1	Right Roller Door Guide
9	HDW-403008L	1	Left Roller Door Guide
10	KIT-000001	2	Formed Mounting Bracket Kit
11	HDW-402304	2	EndStop Bracket
12	HDW-403013	2	Outside Door Retainer Assy.
13	HDW-403012	2	Inside Door Retainer Assy.
14	HDW-400499	4	Floor Mount Bracket Assy.
15	HDW-401703	2	Rectangle End Cap
16	HDW-401801	4	Door Handle
17	HDW-300306	3	Rubber T-Bulb Gasket
18	HDW-300309	2	Panel Gasket
19	HDW-402302	1	Right Cable Bracket
20	HDW-402303	1	Left Cable Bracket
21	HDW-402306	2	DSD Door Cable Assembly

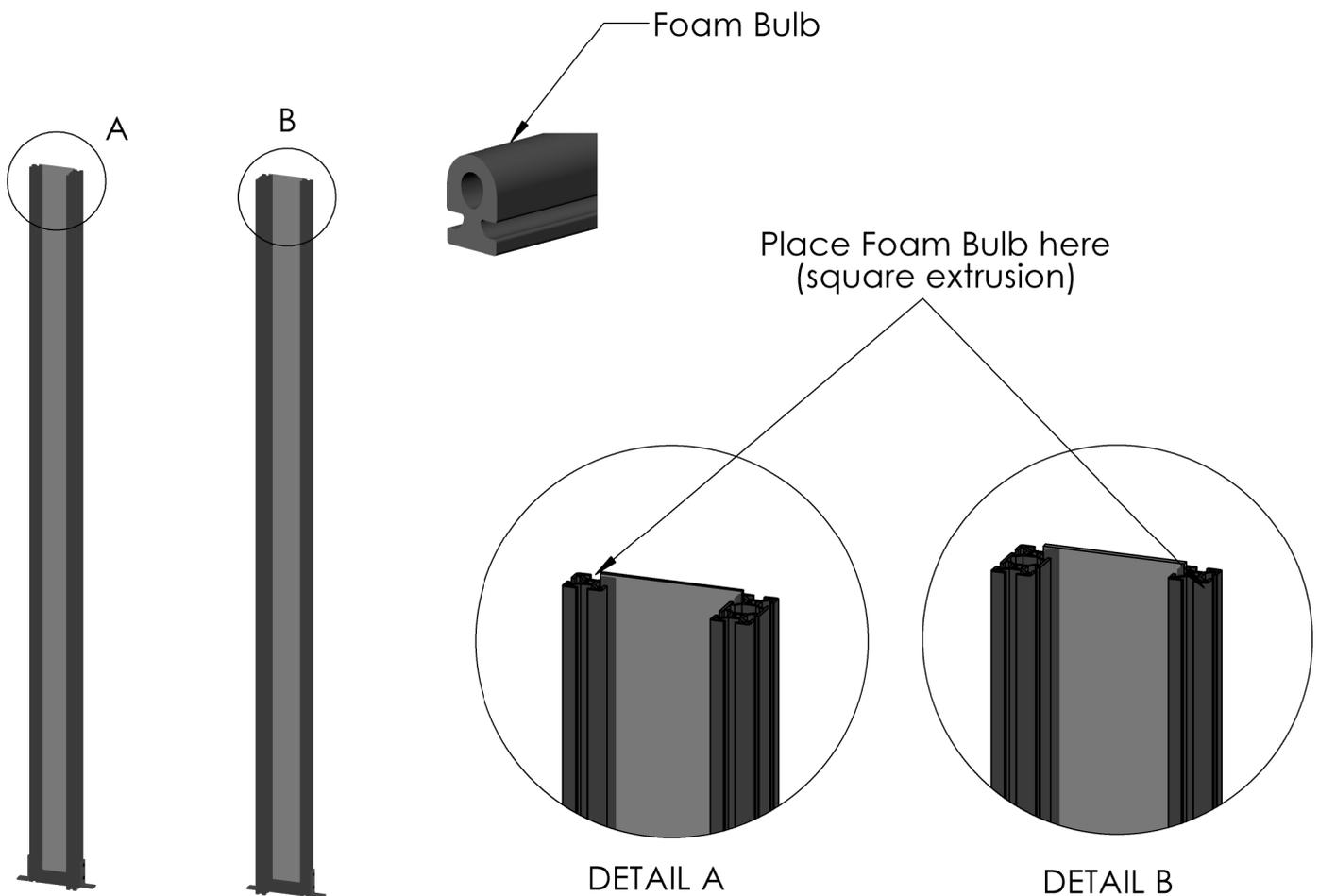




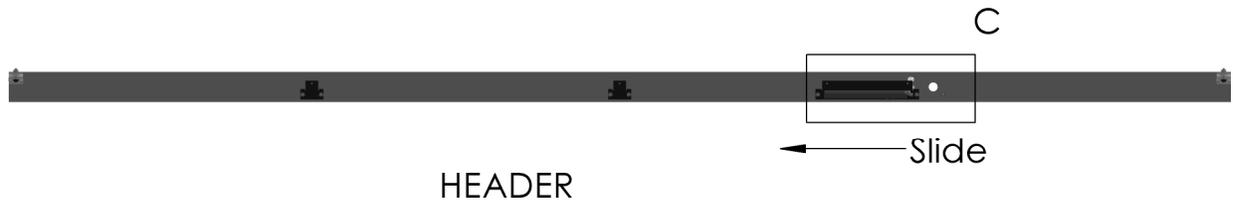
Using 1/8" Hex Driver, remove the 3 screws and place in a safe location to be used later. Remove the Valance. Do not remove the stretch wrap around the Counterweights.



Insert Foam Bulb (Item 17) in the back slot of the square extrusion slot (Between the Side Panel and Cabinet). Caution- Foam Bulb will attract dirt, keep it clean.



Slide Damper Assembly inward to reveal the hole in the extrusion on the Header.

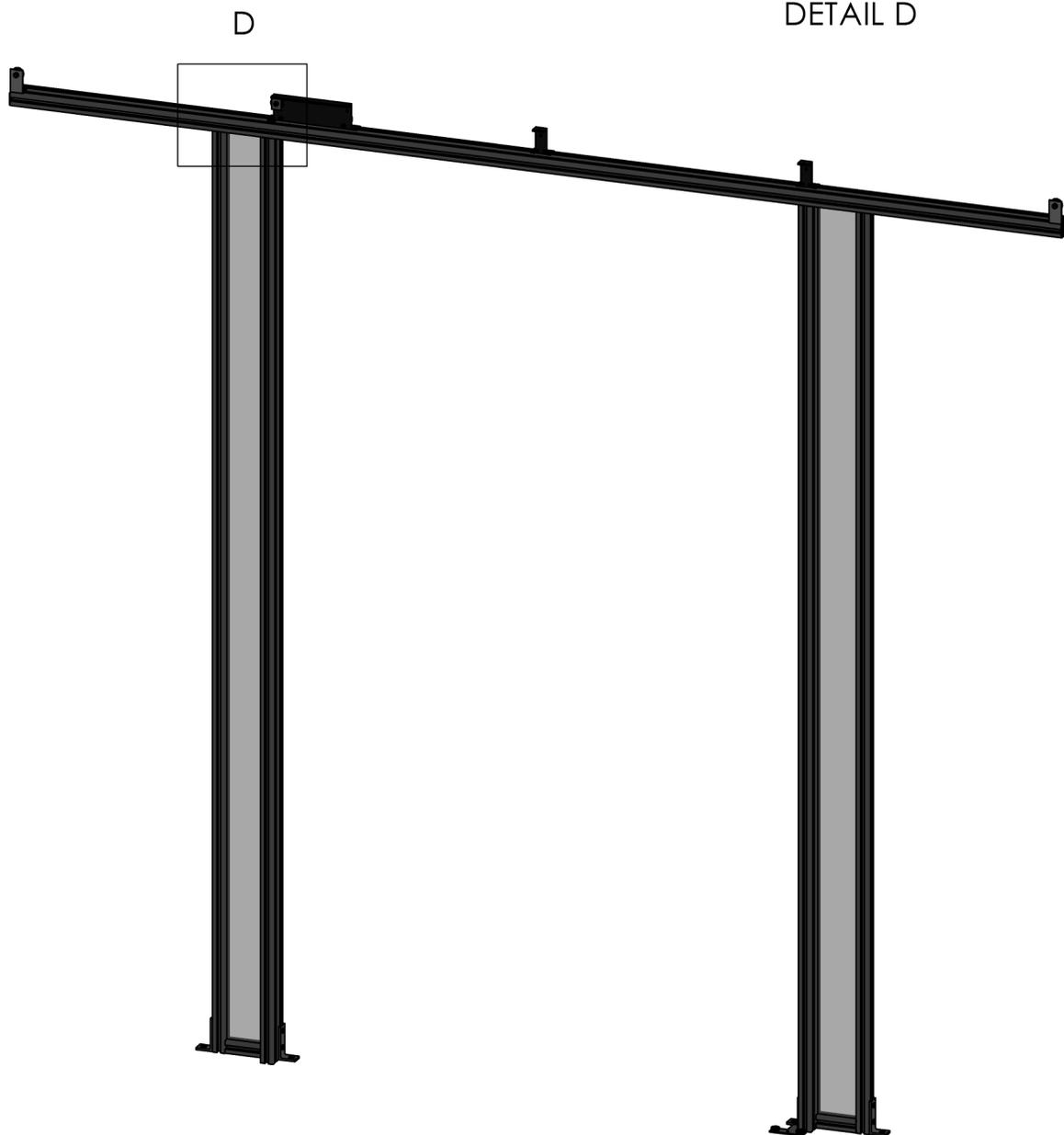
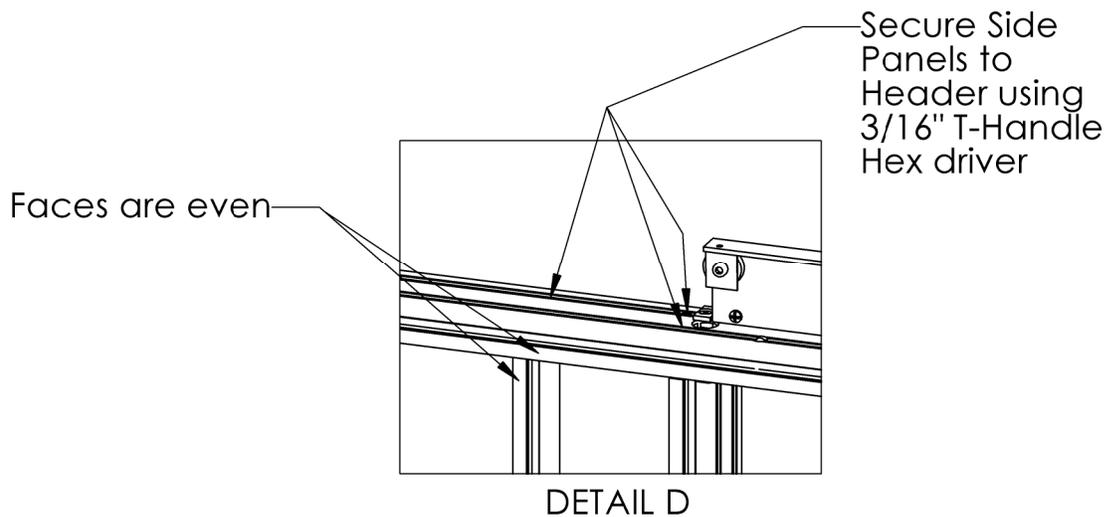


← Slide Damper Assembly inward to reveal hole

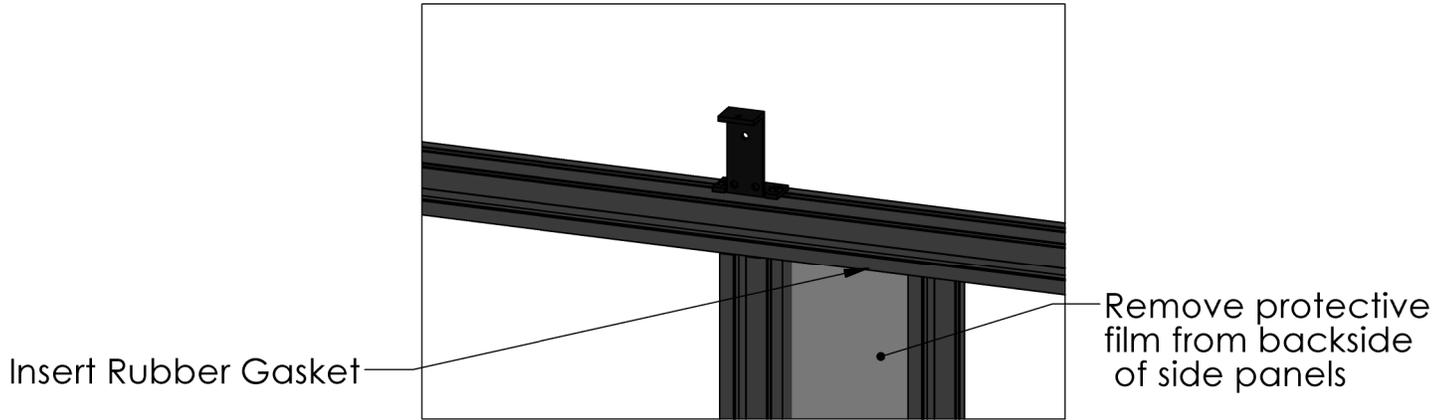


DETAIL C

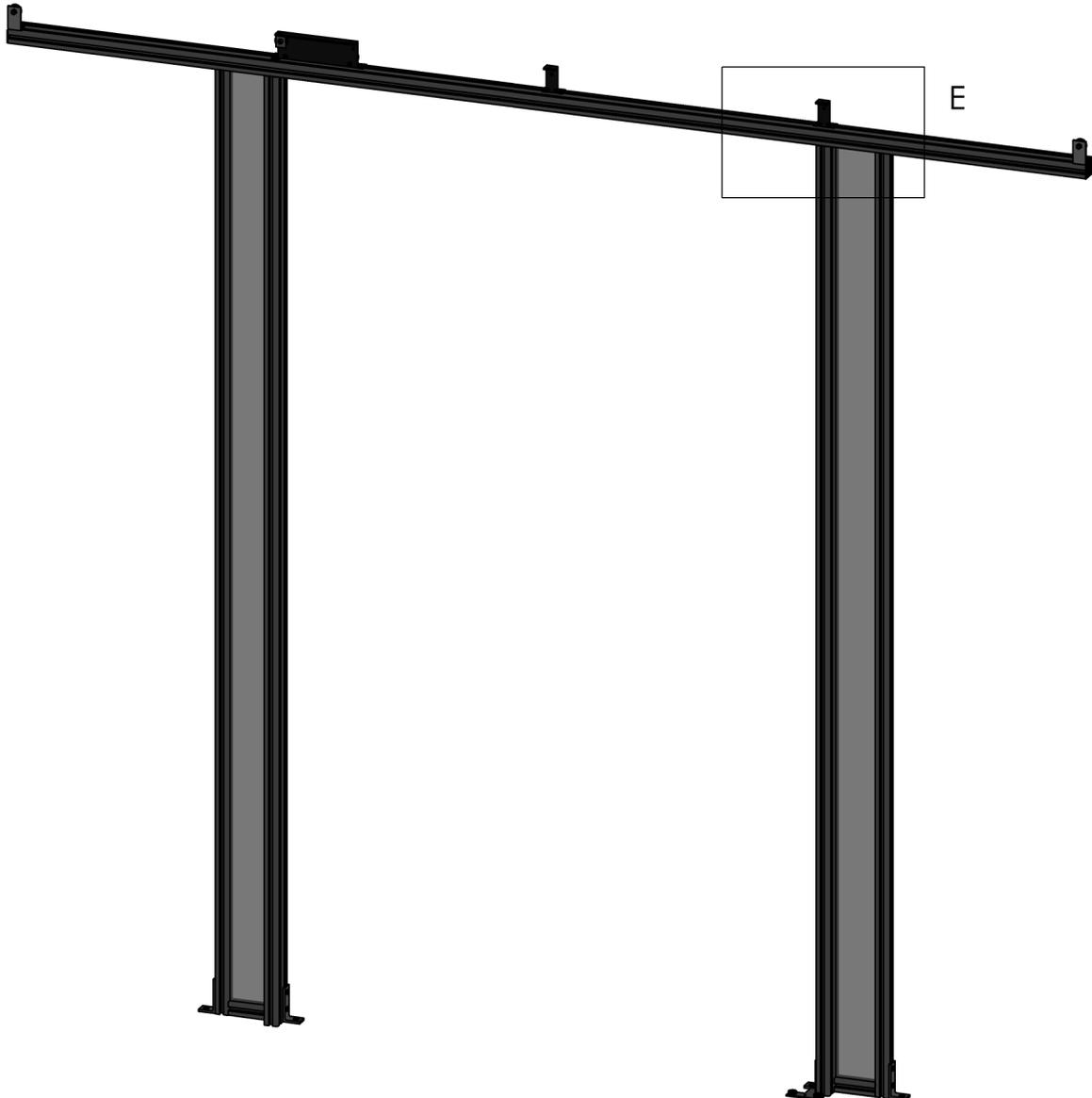
1. Place the Header on Side Panels.
2. Make sure the front is facing up while laying on the floor.
3. Ensure the Side Panel is even with the Header.



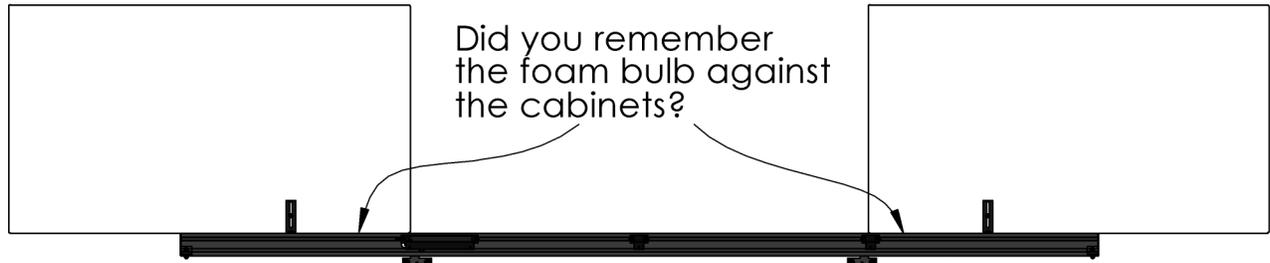
1. Insert Rubber Gasket into the gap between the Header and Side Panels.
2. Using 2 people, stand up the Door Frame and remove protective film from the backside of the Side Panels.



DETAIL E



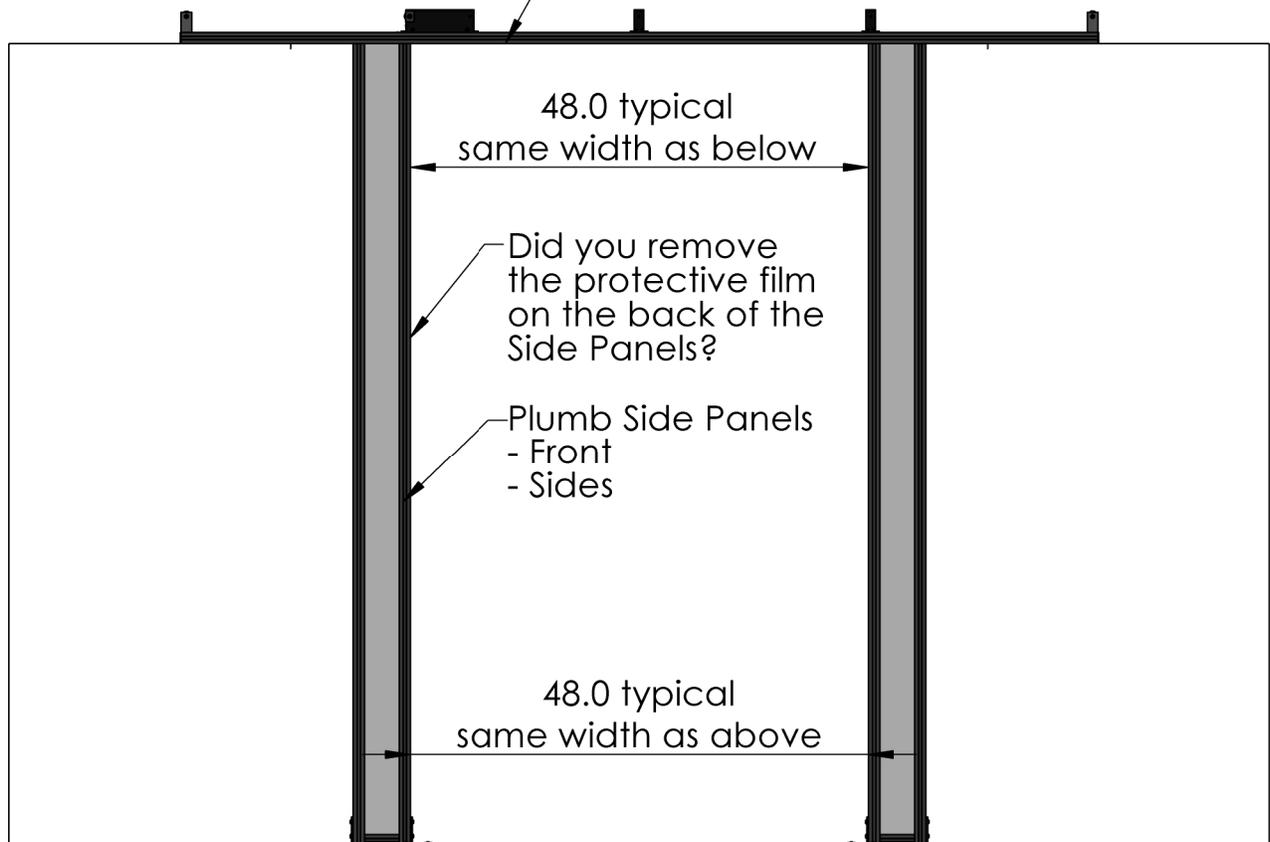
1. Secure the Header to the cabinet using Formed Mouting Brackets(10) and associated self drilling screws. *If attaching to containment hung from the ceiling, see the Appendix for instructions for attaching to the containment.*
2. Plumb the Side Panels and secure the Floor Mounting Brackets(14) to the floor. NOTE: Do not compress the Foam Bulb to tight against the cabinet.
3. Level the Header by adjusting the Floor Mount Brackets up/down. See next page for inserting Floor Mount Brackets and Roller Door Guides. NOTE: It is critical that the Header is level for the door to operate properly



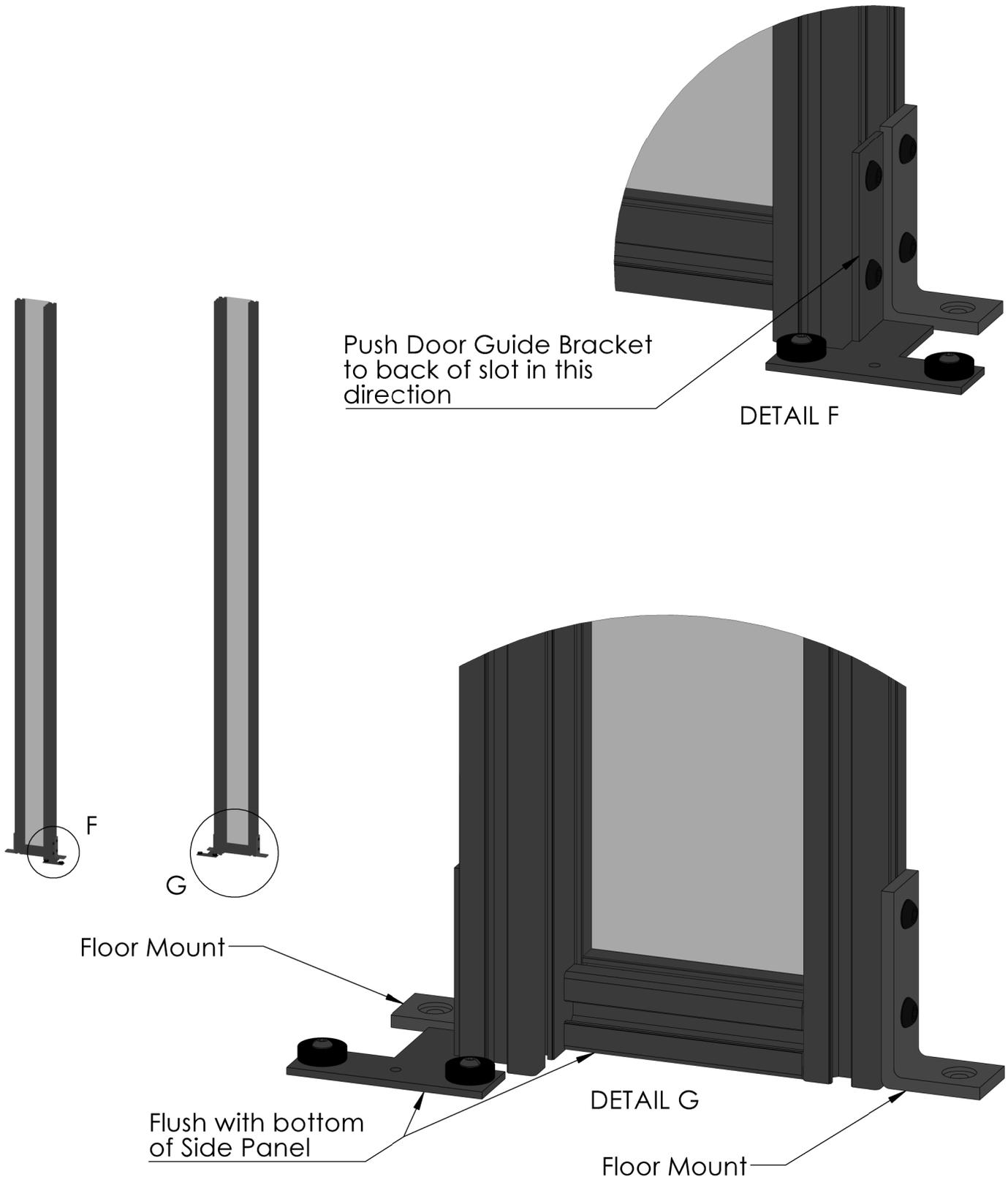
See Appendix if Containment is hung from the ceiling

Ensure Side Panels are parallel

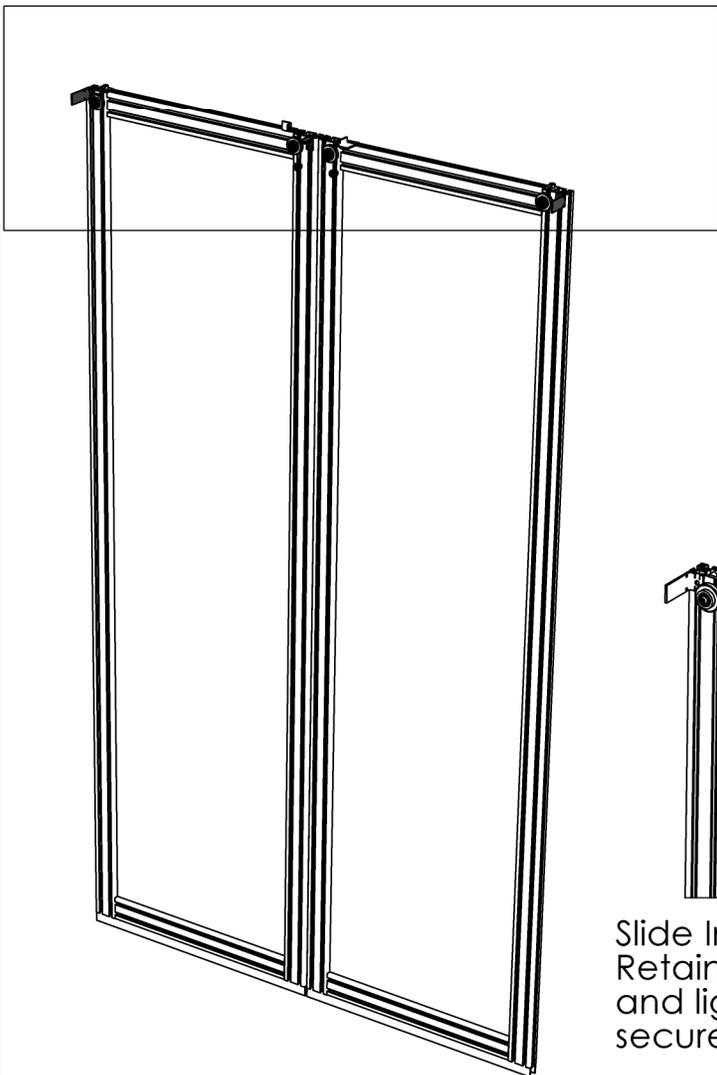
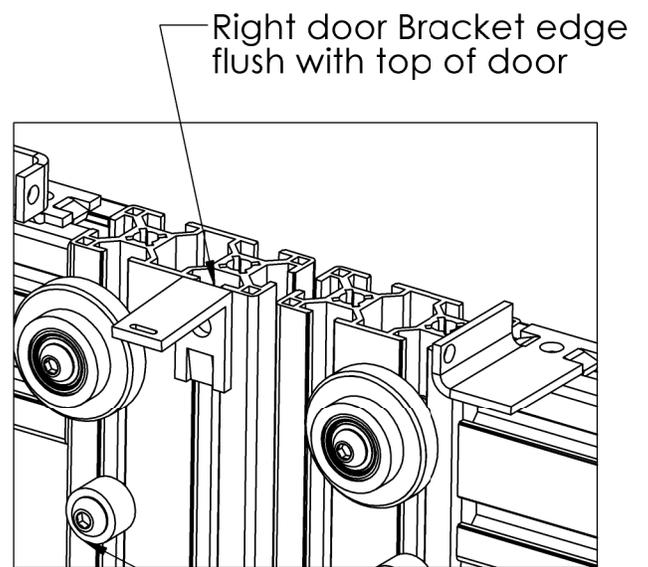
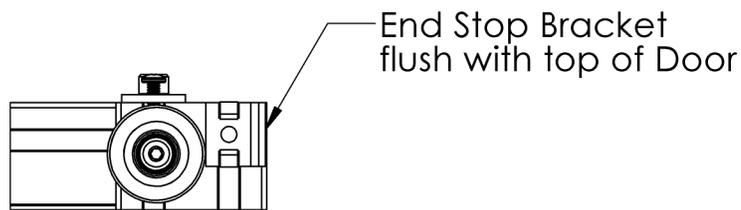
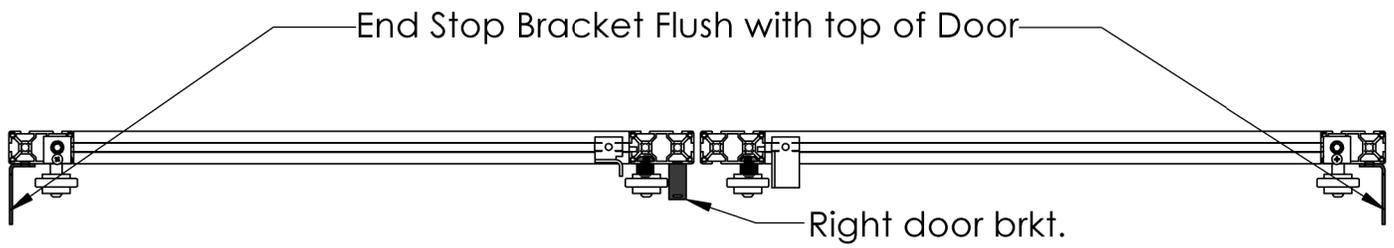
Header Must be Level



1. Place the Rolling Door Guide Bracket(8&9) next to the Floor Mount Bracket(14) on Side Panels as shown below using 5/32" T-Handle Allen wrench.
2. Ensure the Rolling Door Guide Bracket(8&9) is flush with the bottom of the Side Panel and pushed towards the back of the door.
3. Repeat for the other side.

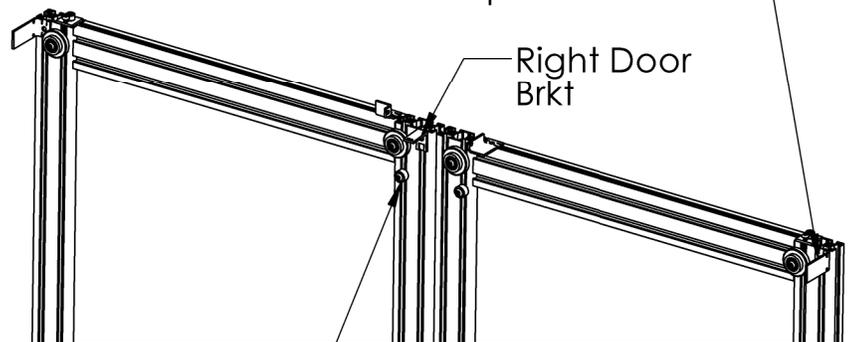


1. Insert End Stop Bracket on the outside slot of the left door.
2. If not already installed, insert the Right Door Bracket.
3. Slide Inside Door Retainer down and lightly secure.



Slide Inside Door Retainers down.

Attach End Stop to the Door. Ensure it is flush with the top of the door.



Slide Inside Door Retainers down and lightly secure.

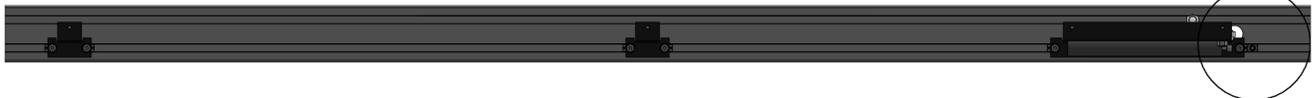
1. Remove the stretch wrap around the Counterweight and insert the Counterweight into the hole on the Header. **CAUTION: Do not drop Counterweight.**
2. Temporarily attach the cable to the Center Bracket.
3. Reposition the Damper Assembly to cover the hole. Butt the Damper Assembly against the stop on the Header and secure.

Insert Counterweight in the hole. **CAREFUL not to drop.**

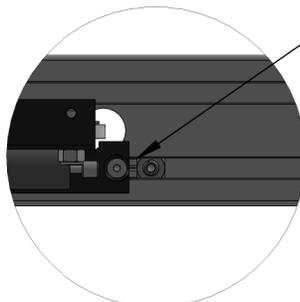
Cable needs to wrap around the pulley.



Hook Counterweight on Center Bracket.
CAREFUL not to let the Counterweight drop

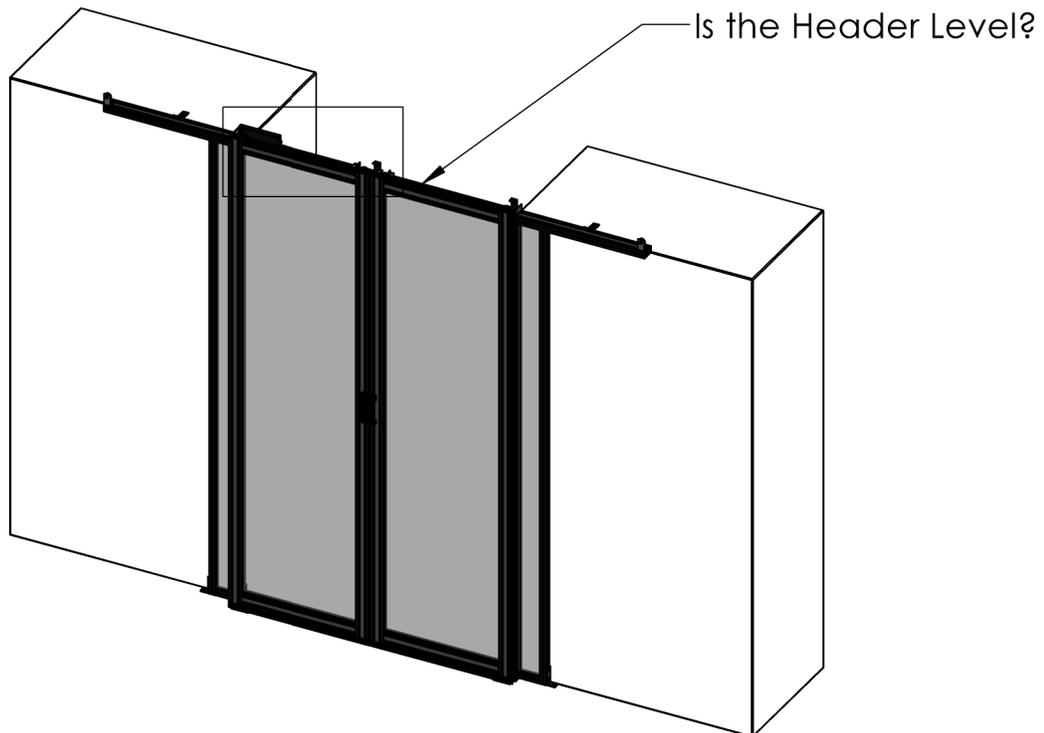
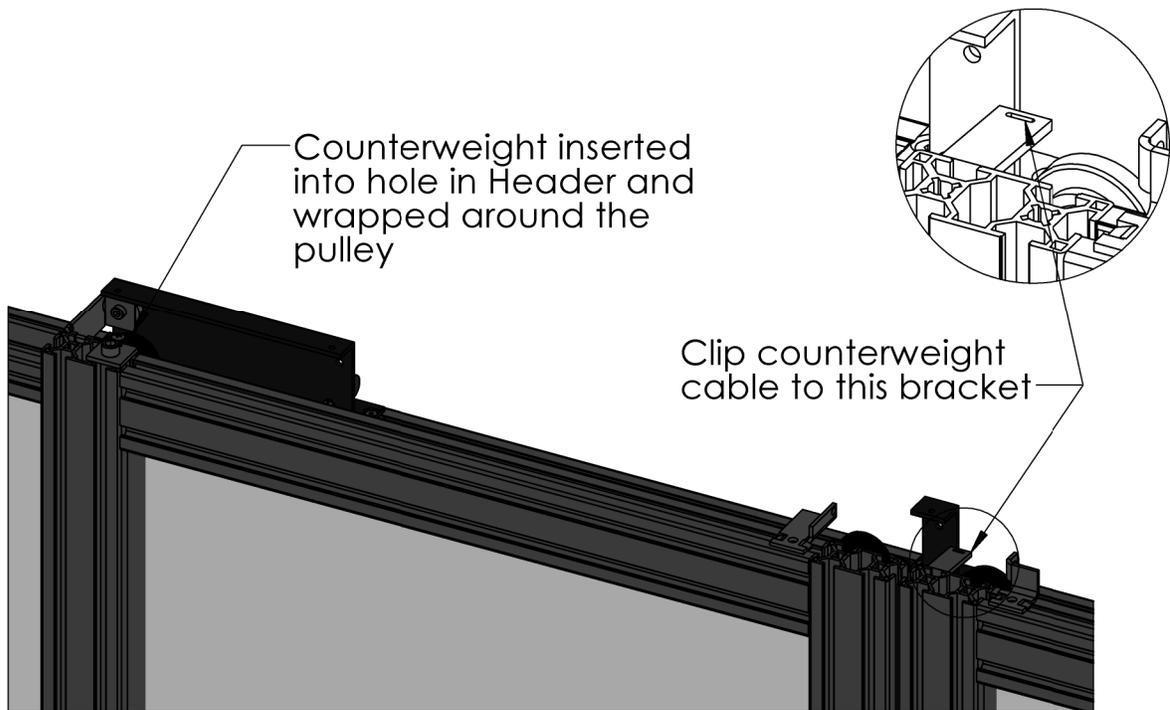


Butt Damper Assembly
against stop and
secure

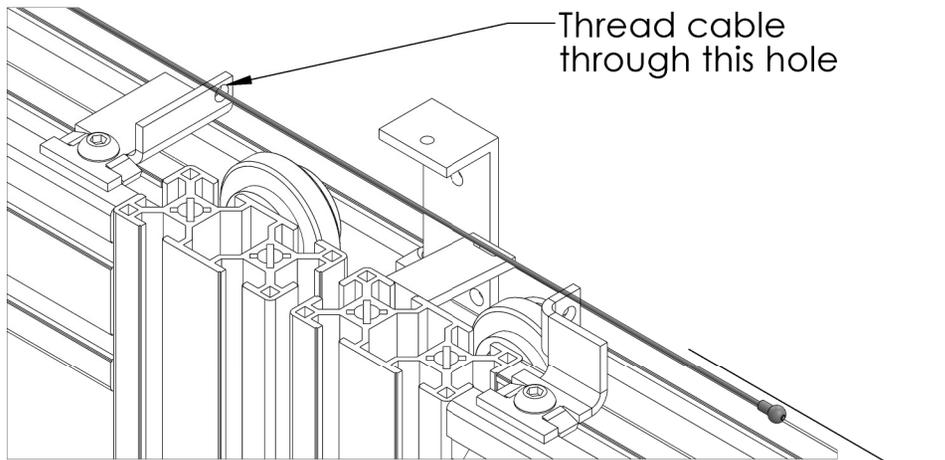
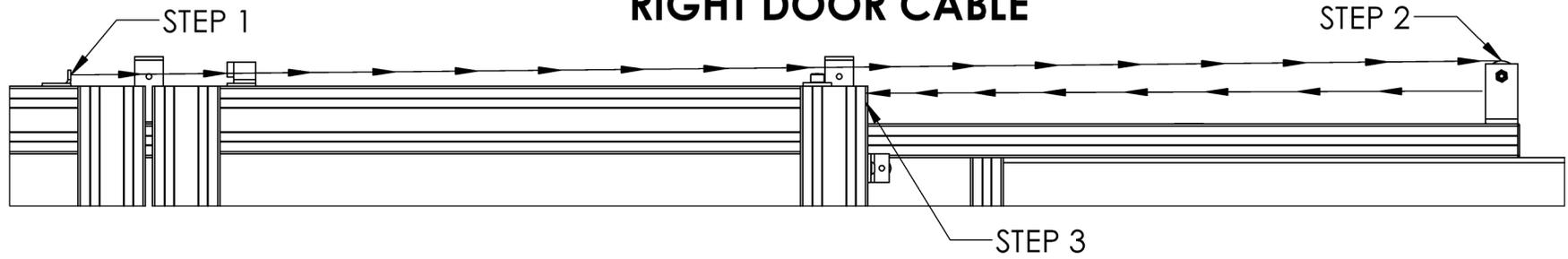


DETAIL J

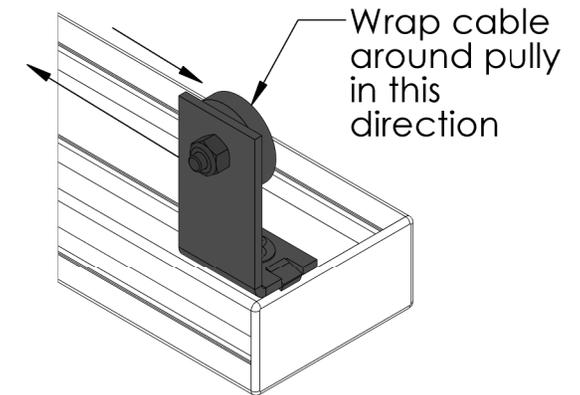
1. Verify the **Header is Level**.
2. Set the Doors on the Header and make sure they roll freely.
3. Hook the Counterweight Cable to the Right Door Bracket.



RIGHT DOOR CABLE

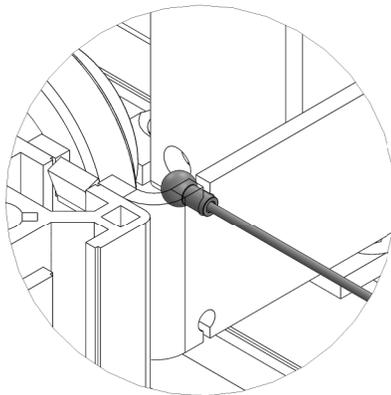


STEP 1



STEP 2

Pull cable
this direction



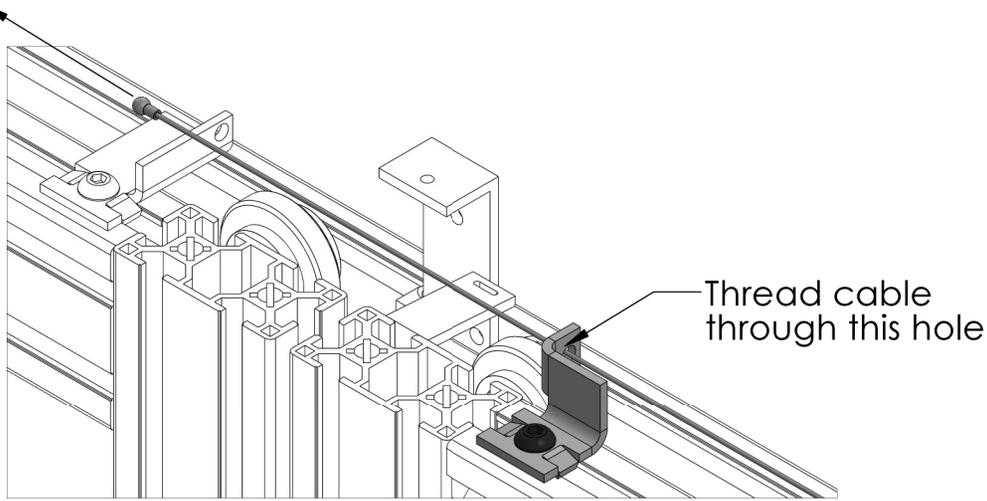
STEP 3

- STEP 1: Feed the Ball and Shank end of the Cable through the hole of left cable bracket(20).
- STEP 2: Wrap the cable around the pulley at the end of the Header
- STEP 3: Insert the Ball and Shank end of Cable into the hole of the End Stop Bracket(11)

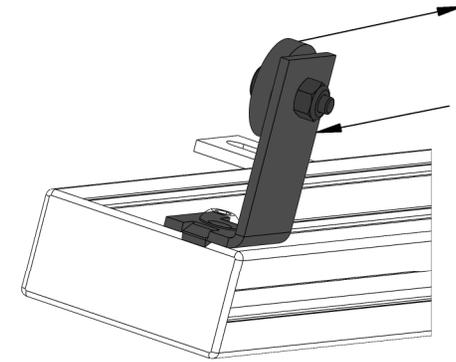
LEFT DOOR CABLE



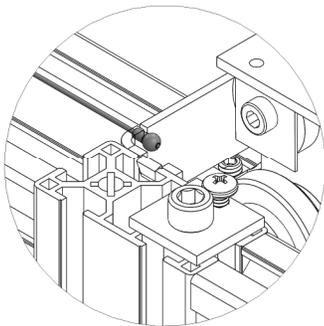
Pull cable
this direction



STEP 1



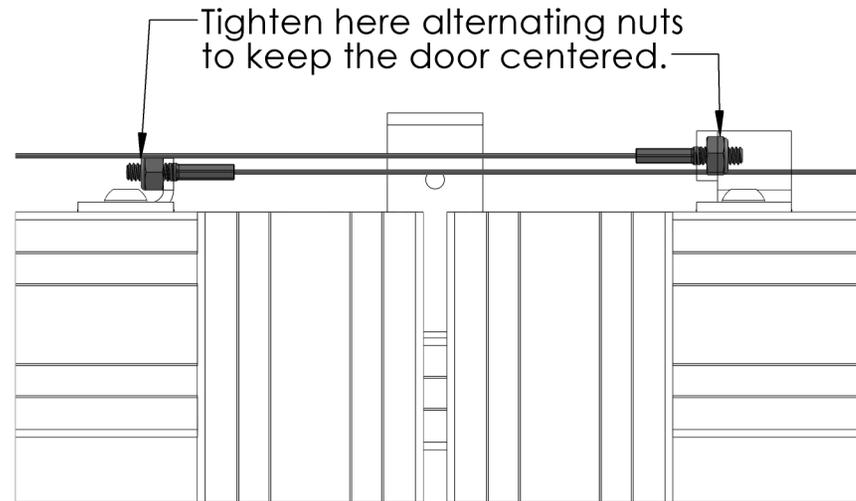
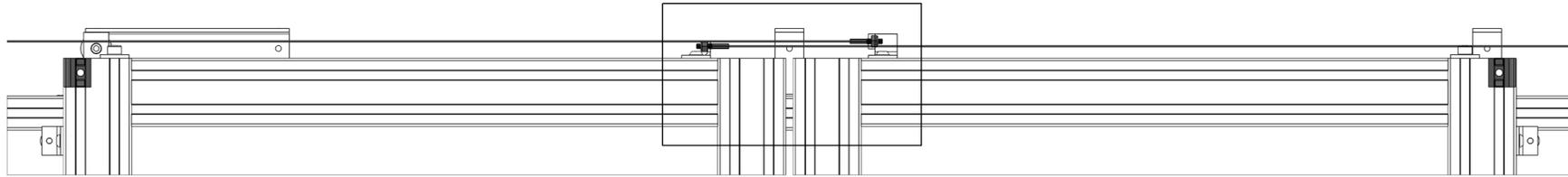
STEP 2



STEP 3

- STEP 1: Feed the Ball and Shank end of the Cable through the hole of right cable bracket((19).
- STEP 2: Wrap the cable around the pulley at the end of the Header
- STEP 3: Insert the Ball and Shank end of Cable into the hole of the End Stop Bracket(11)

CABLE ADJUSTMENT

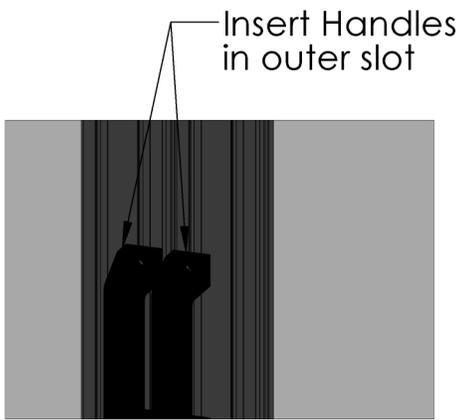


Tighten cables using a 3/8" wrench and small crescent wrench. Adjust each side to ensure the doors stay in the center of the door frame.

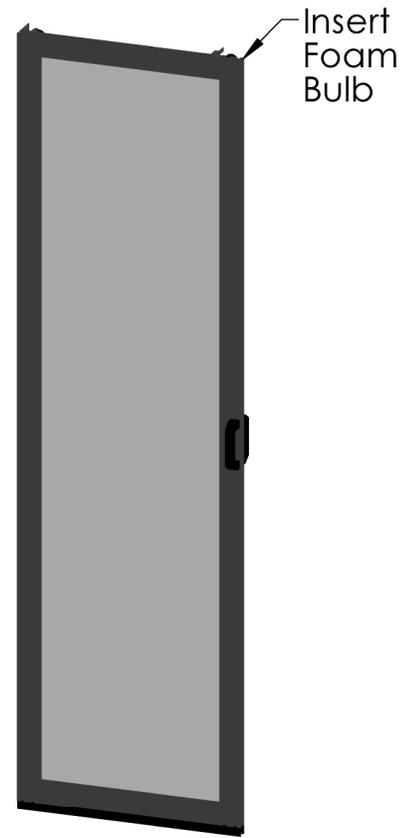
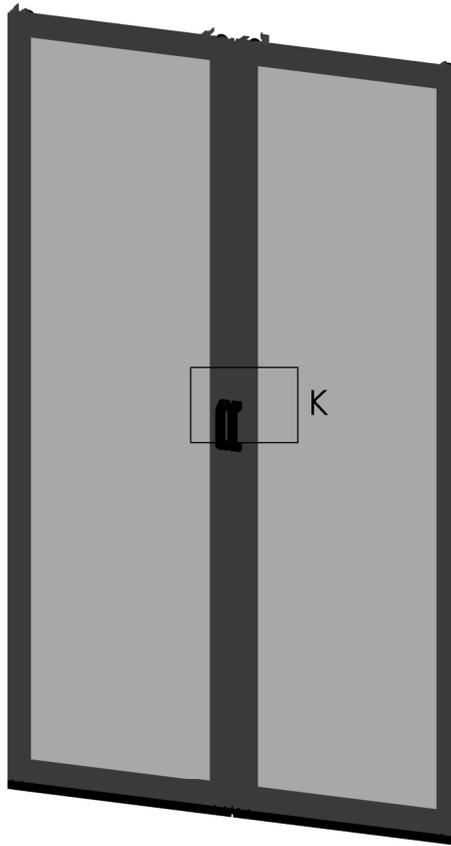
NOTE:

1. Tighten each side as needed to keep the doors centered.
2. **Do not overtighten the cables.** If the cables are too tight then the doors will not work properly. Also too much strain will be placed on the pulleys on the outer ends of the header and will cause the pulleys to fail prematurely.

1. Insert Handles(16) on the Front and Back Side of the doors.
2. Insert Foam Bulb(17) on Left Door



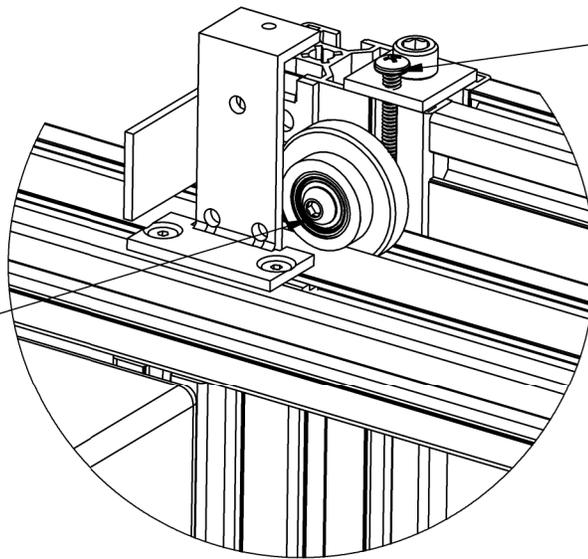
DETAIL K



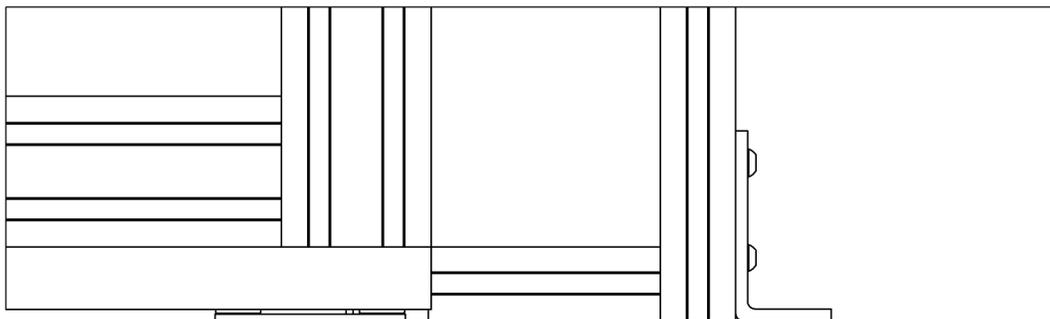
Left Door Panel

1. Adjust the gap between the doors when they are closed by slightly loosening the Wheel Bracket and tightening the Wheel Adjusting screw. **Tighten Wheel Bracket when finished.**
2. Adjust Rolling Door Guides(8&9) up to be parallel with the Door and as close to the door as possible without rubbing on the Door.

- Slightly loosen screw
- Adjust wheel
- Re-tighten screw



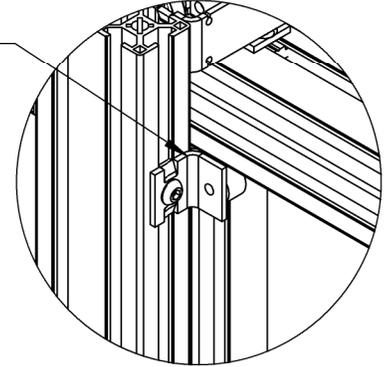
After wheel is slightly loosened. Use Phillips screwdriver to adjust door up or down to close the gap between the doors when they are closed.



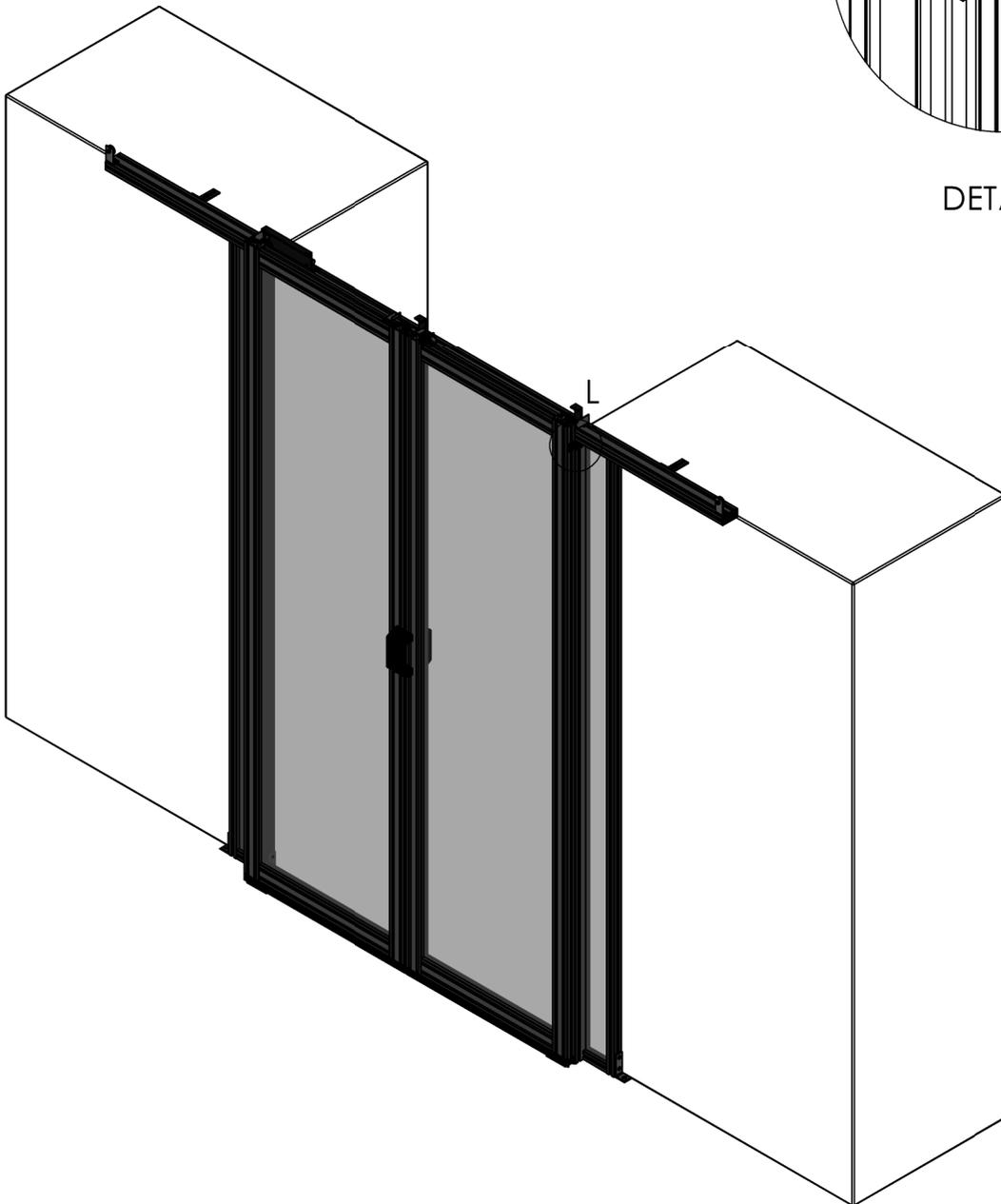
Adjust Roller Door Guide Bracket up close to the Door. Do not let it rub as it is opening and closing.

1. Insert Outside Door Retainer.
2. Slide Outside Door Retainer up to 1/64" below the bottom of Header. This needs to be close to the bottom of the Header, but cannot touch or rub on the bottom of the Header.
3. Repeat for other side.

Insert Outside Door Retainer.

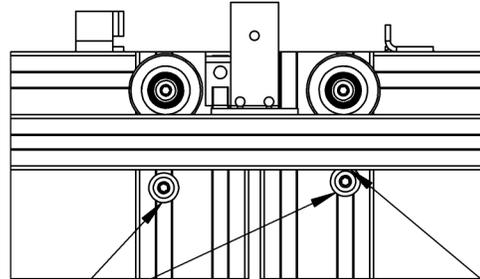


DETAIL L



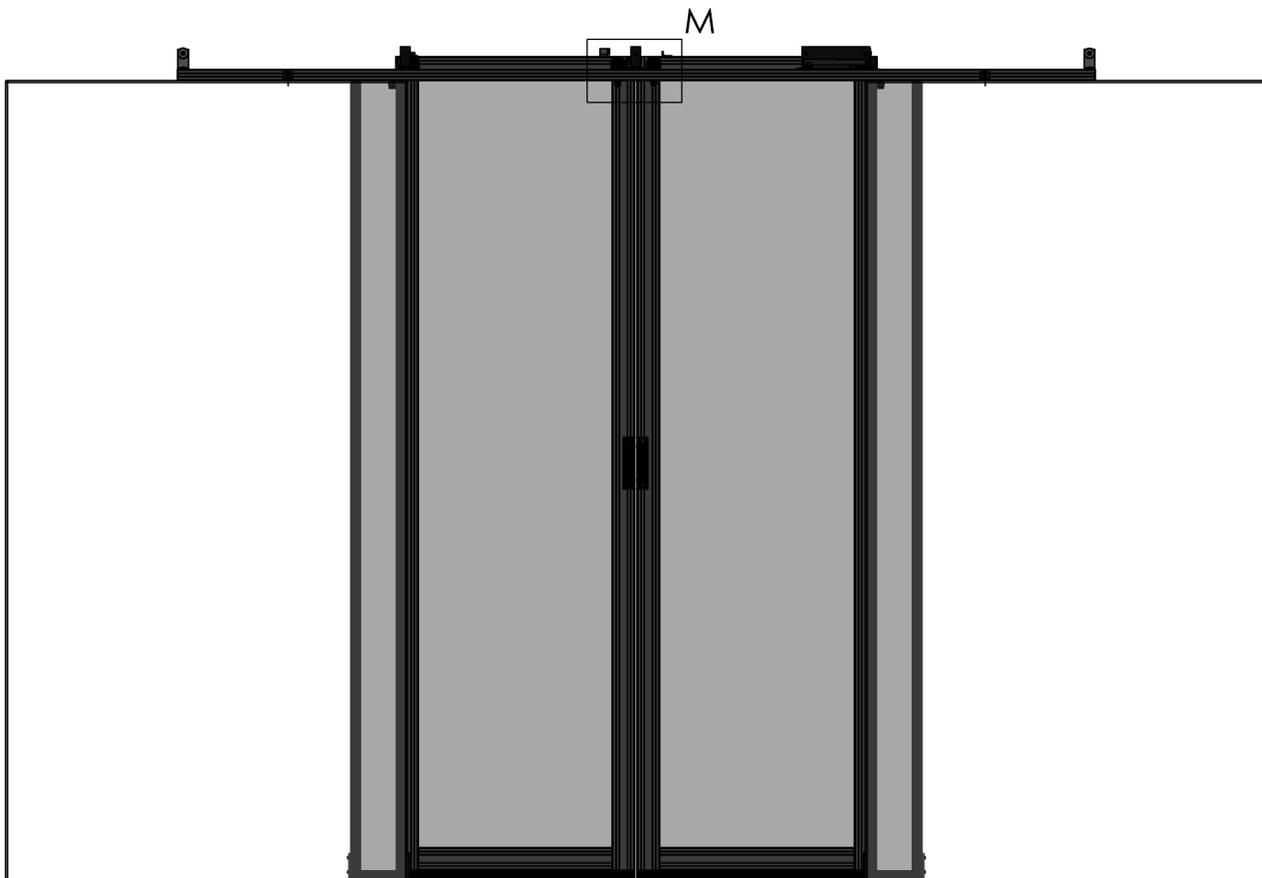
1. Slide the Inside Door Retainers up to $1/64$ " below the bottom of the Header. They cannot touch or rub on the bottom of the Header, but need to be as close as possible for proper door operation.

DETAIL M

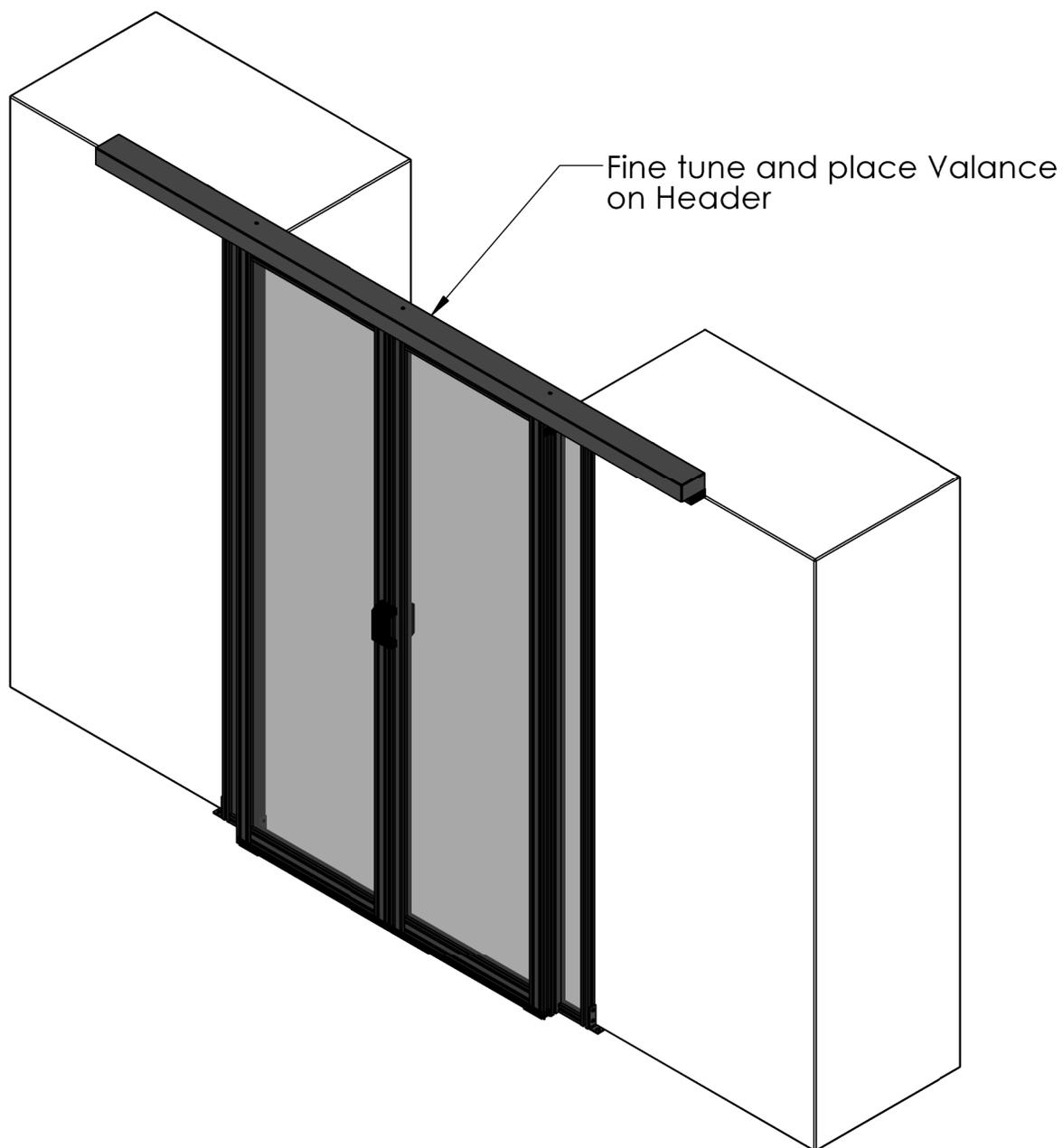


Slide Inside Door Retainers up close to bottom of Header

Leave $1/64$ " gap



1. Verify operation of the Doors and make adjustments as needed.
2. Place the Valance on the Header and secure with the 3 screws that were removed at the beginning of this manual.

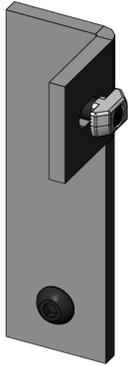


Troubleshooting Guide

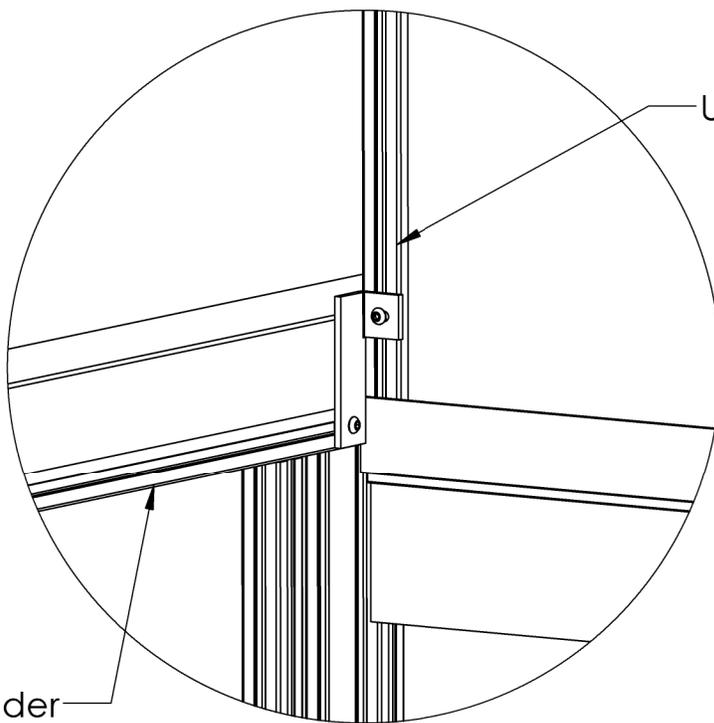
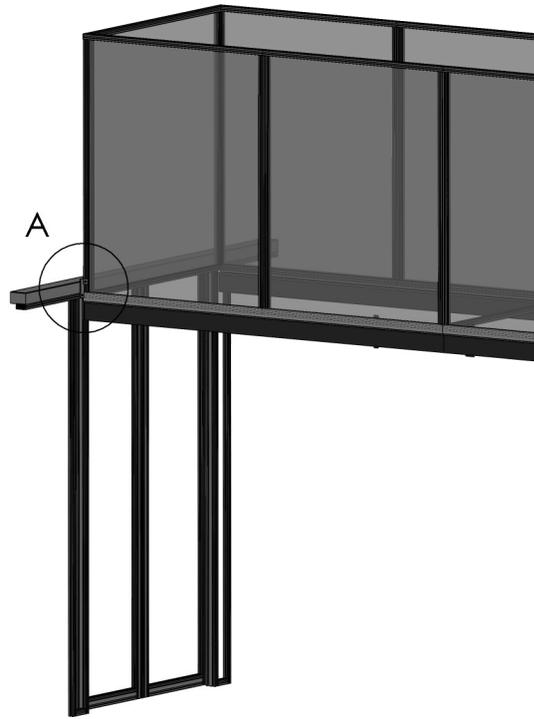
Gap between the doors when closed.	1. Adjust the Doors using the Wheel Adjustment bracket. Reference the install manual.
Doors are not closing, or are closing slowly	1. Verify the Header is level. 2. Verify the doors are not rubbing on any bracket.
Doors are not closing and have a small gap between the doors	1. Verify the Cable Crimps are not latching/catching on the Door Bracket causing the Door to not close completely. 2. Verify the doors are not rubbing on any bracket (Inside and Outside Door Retainers, Rolling Floor Guide, etc.) 3. Verify the Damper and End Stop brackets are aligned and allowing to Door to close completely. 4. Ensure spacing between the Side Panels are the same at the top and the bottom.

APPENDIX - OVERHEAD CONTAINMENT SECURED TO CEILING

1. When the containment is hanging from the ceiling then the Overhead Bracket will need to be used to secure the door to the overhead containment.
2. Place the Overhead Bracket on the header of the door and the side panel of the upper containment. Do this for both the left and right side of each door. See detail A below.



Overhead Bracket
HDW-4030110-R (Right shown)



Door Header

Upper Containment Side

DETAIL A