

**MAVERICK**

**AUTOMATIC DOOR SYSTEMS**

# INSTALLATION GUIDE

**Safe  
Reliable  
Door Operation**

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# **PLEASE READ THIS SECTION BEFORE PROCEEDING WITH INSTALLATION**



Automatic Door and Hardware highly recommends that all of its automated pedestrian door products be installed by a trained automatic door technician and that the resulting performance of the product meet full compliance with the American National Standards Institute document A156.10 or A156.38 (whichever is applicable) as well as any local building codes or guidelines.

## IMPORTANT NOTES

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### IMPORTANT INSTALLATION NOTES FOR AUTOMATIC SLIDING DOORS

#### MOVEMENT OR PROTECTION OF DANGEROUS POINTS

Pedestrian automatic doors must be designed and installed to avoid hazards due to crushing, shearing, and drawing-in during the opening and closing cycles. For example: safety distances, limitation of forces applied to the panel(s) both active and inactive, monitored detection devices and guards. These safety measures may be combined. Refer to standards in your specific area.

#### WARNING

Important safety instruction. Follow all the instruction as improper installation may cause serious injury.

#### DOOR MONITORING

Personnel must be trained in how to use the automatic doors to

- Inform parents and their children of the hazards caused by moving doors and make sure that children are not exposed to unnecessary risks
- Help and advise elderly and disabled people
- Carry out appropriate measures if an emergency arises

### UL325: WARNINGS

The contact which activates the door must be installed so that the person who activates it has a clear view over the door.

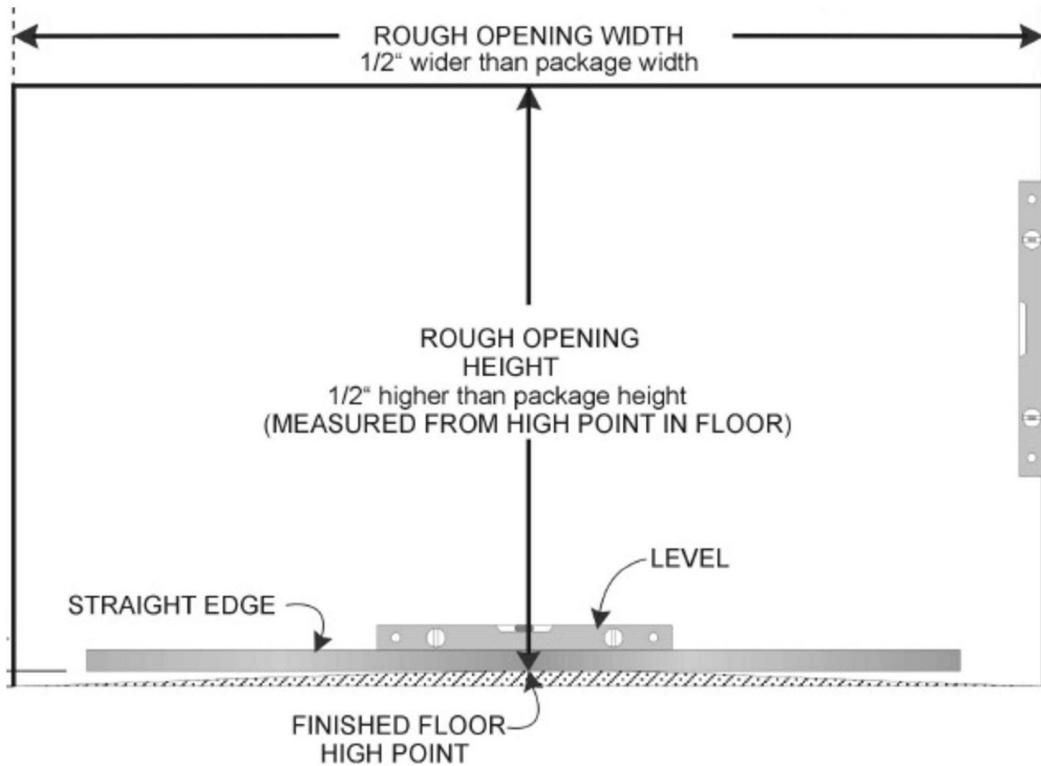
For a pedestrian door whose glazing was not installed in the factory, the glazing used must meet the following requirements.

The glazing for the fixed and sliding panels of all the doors and the panels which are not housed in swing doors must conform to the requirements in the "Performance Specification and Methods of Test for Transparent Safety Glazing Materials Used in Buildings", ANSI Z97.1

The glazing for the other types of doors must also conform to the ANSI Z97.1 standard, except for panels with a glazing surface of less than 1 cubic foot and which have no dimensions over 18 inches where a single or heavier glazing may be used.

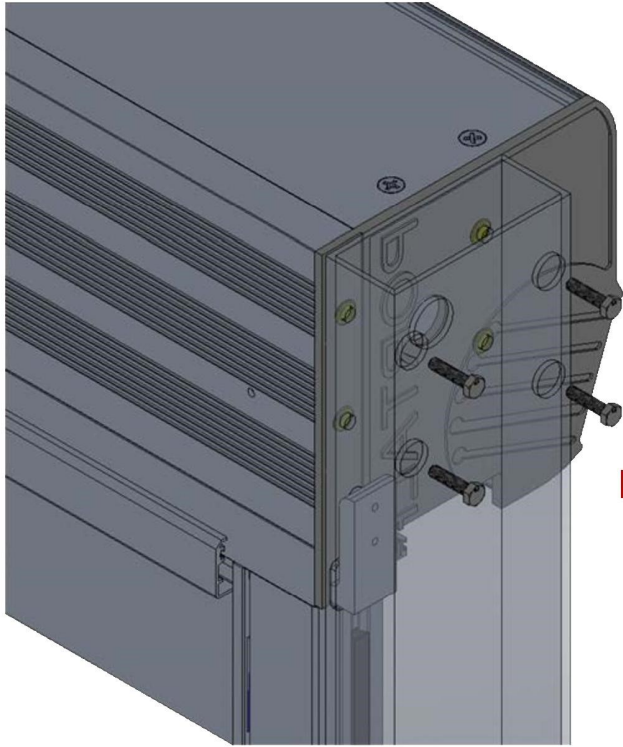
## CHECK THE ROUGH OPENING

Check the size of the rough opening: take measurements at several points.

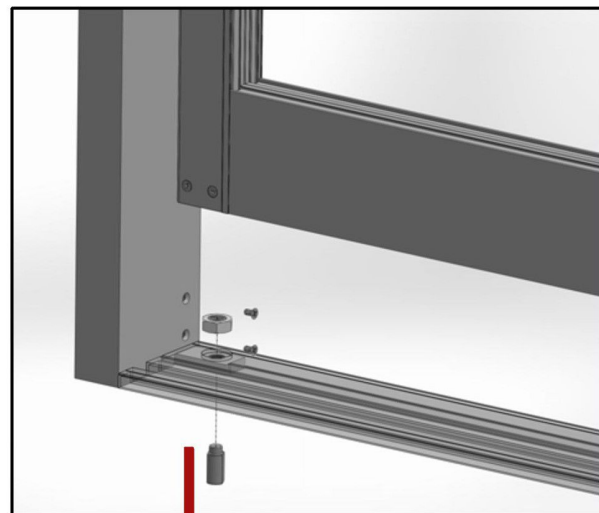
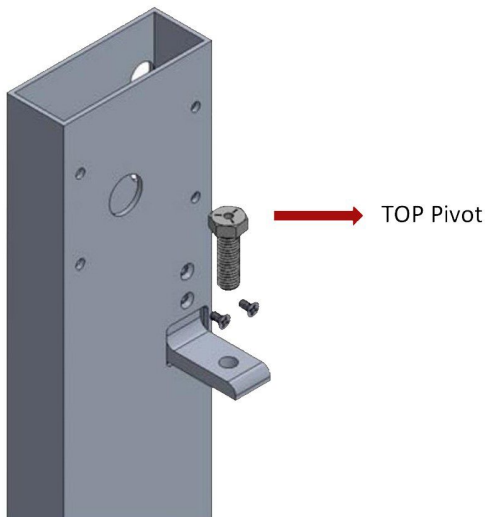
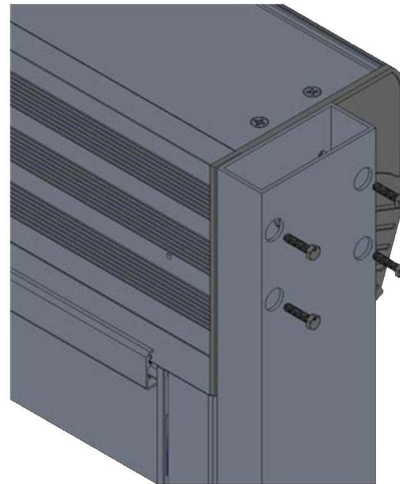




## ATTACH DOOR FRAME TO HEADER

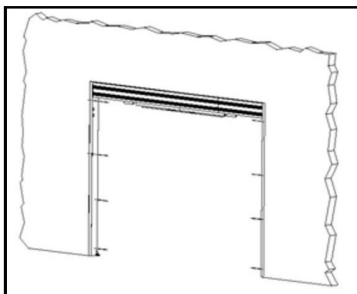
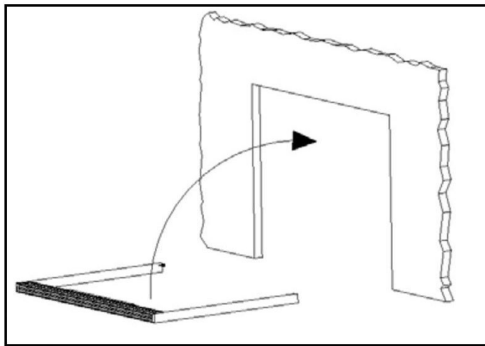
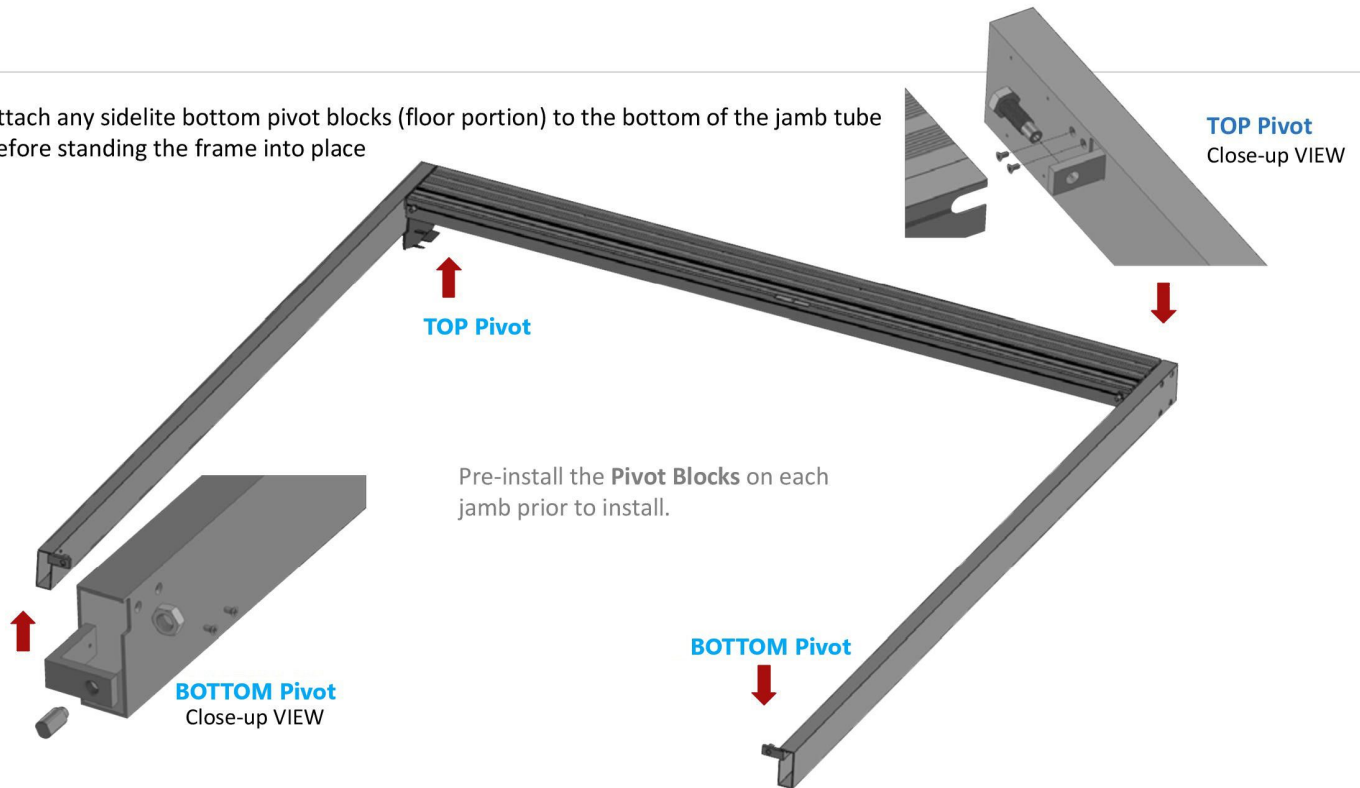


- Attach the jamb tubes to the header using the hardware provided
- Route all switch wiring through the jamb and into the header



## INSTALL FRAME INTO WALL OPENING

- Attach any sidelite bottom pivot blocks (floor portion) to the bottom of the jamb tube before standing the frame into place



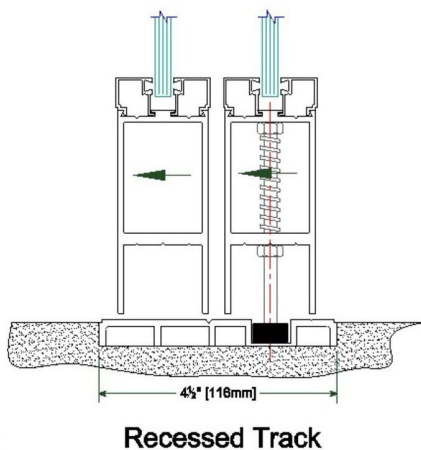
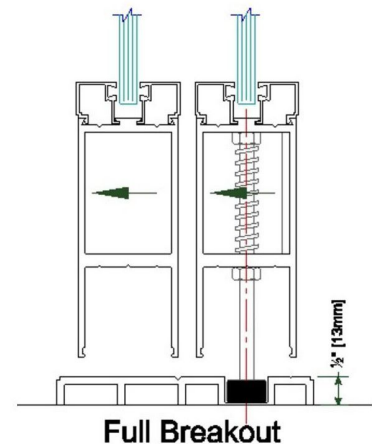
- Stand the frame up and walk it into the rough opening
- **CAUTION** - two or more people may be required to safely lift the assembly. The assembled frame will be top heavy.
- **Helpful Note:** The configuration will determine how to position the frame in the opening.
- The header should open to the interior side
- Regardless of recessed track application, or surface (floor) mount application, the jambs should rest on the finished floor.
- Use a level to ensure the jambs are plumb and level. Use shims as necessary.
- Once positioned correctly, install the mounting screws through the previously drilled holes.
- If more than 4 screws are required, drill and secure as necessary (typically use 1 screw every 16" to 20")
- After installation of the jambs and frame, check the entire package to ensure it is plumb and level. Correct as necessary with plastic shims.

## INSTALL THRESHOLD AND TRACKS

- There are 2 different types of mounting configurations for the sliding door package

### Full Breakout (FBO) - Surface Track:

In this configuration, the entire door package is mounted on the surface of the finished floor. It is recommended to use a ramped threshold on each side of the track.

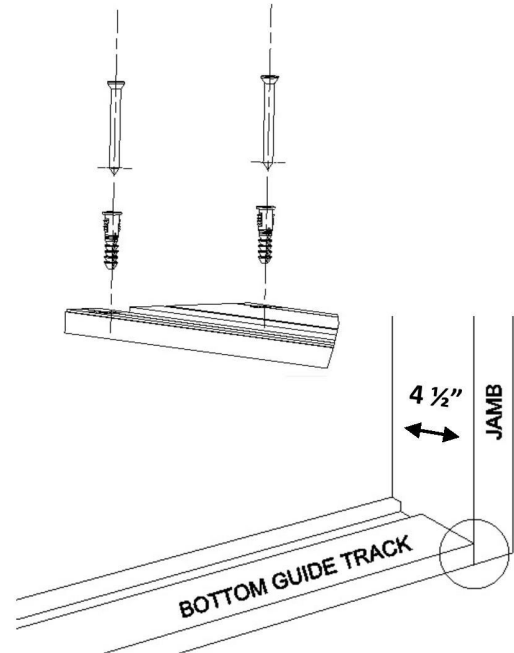


### Full Breakout (FBO) - Recessed Track:

In this configuration, the bottom tracks are set within a recess in the floor. The recess must be a 1/2" deep and must be level from one end to the other. The jambs will be recessed as well.

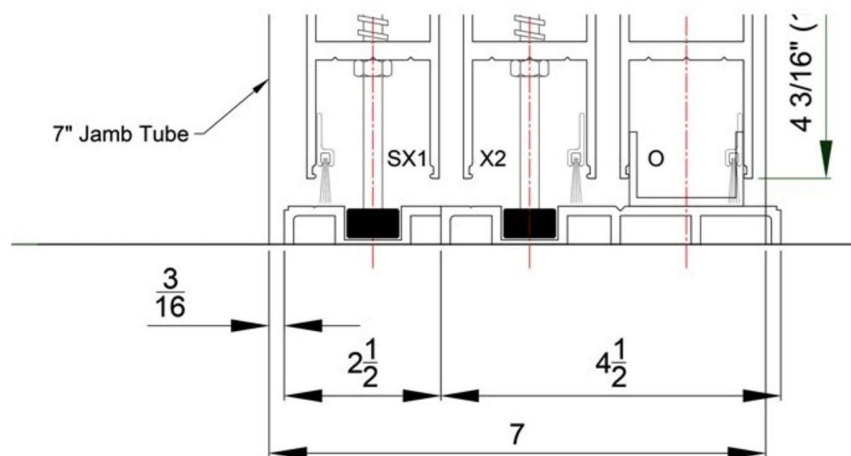
## INSTALL THRESHOLD AND TRACKS

- Position the bottom tracks per the door configuration
- Helpful Note: Snap a chalk line from jamb to jamb to ensure proper positioning.
- Secure the tracks to the floor as necessary. Use only countersunk screws and ensure no screw heads are sticking up above the track surface after installation.
- Recessed tracks should be set into a 1/2" deep recess.



- **NOTE:** 4 1/2" jamb guide tracks must have the edge of the track in perfect alignment with the 1 3/4" face of the jamb tube, as this can cause alignment problems when installing full breakout packages.

- 7" jamb guide tracks must be positioned 3/16" in from Jamb tube per DWG.





## INSTALL SIDELITE PANELS

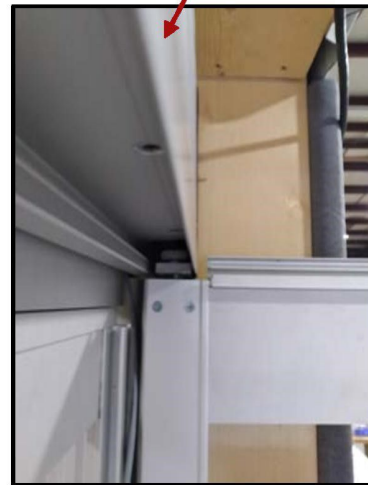
### STEP 1

- Set door on BOTTOM pivot.
- Feed through beam wires through hole on top pivot bolt
- Screw TOP Pivot bolt into TOP Pivot block



### STEP 2

- Snap BOTTOM Case into header



### STEP 3

- Affix Bottom Case with 4 ¼ - 14 self drilling screws to provided pilot holes.



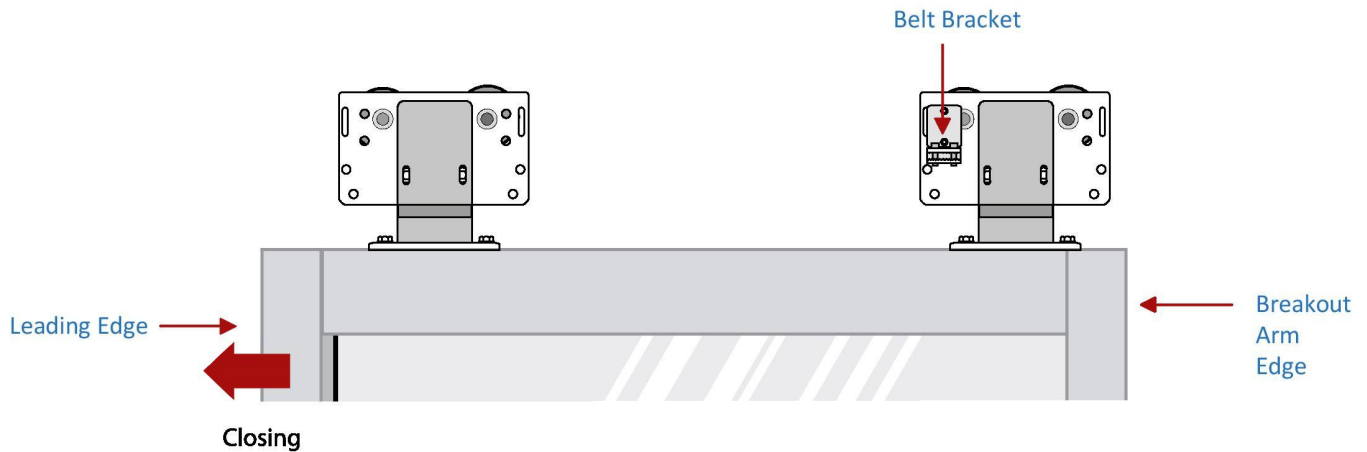
### STEP 4

- Snap on BOTTOM Case Cover

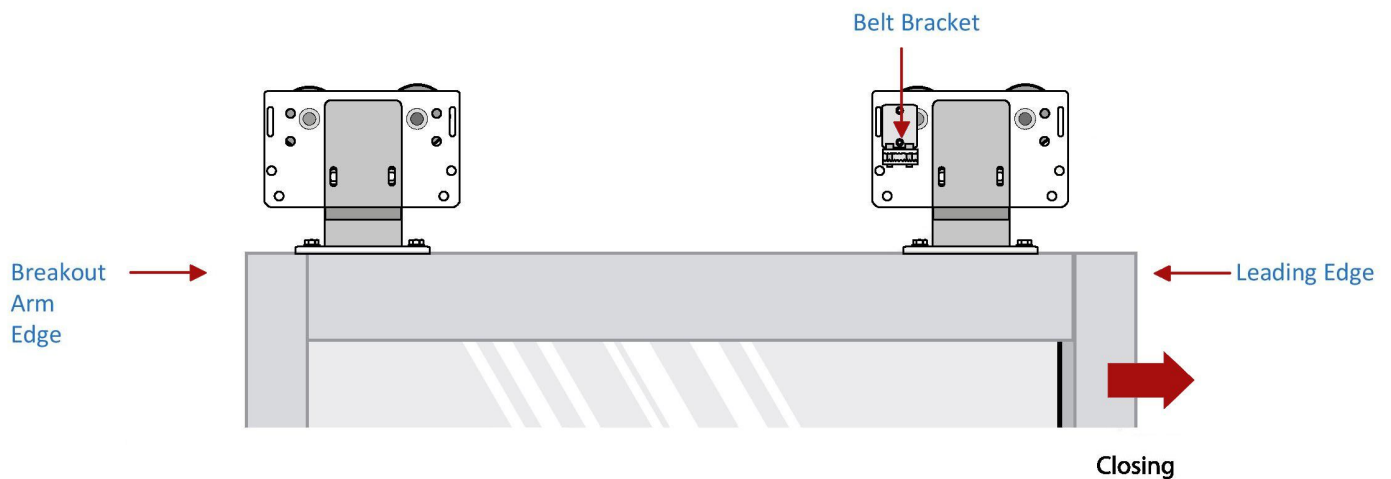


## INSTALL ACTIVE SLIDING PANELS

### 1 DOOR PANEL - Closing to the LEFT



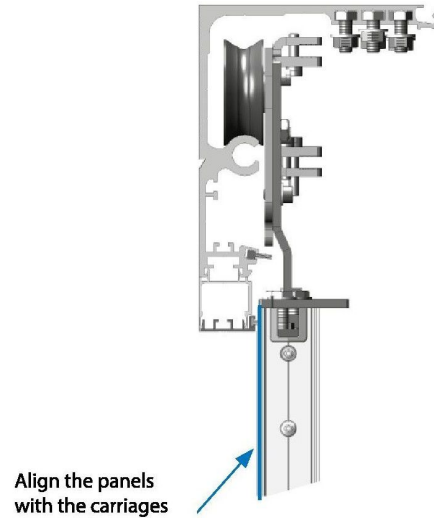
### 1 DOOR PANEL - Closing to the RIGHT



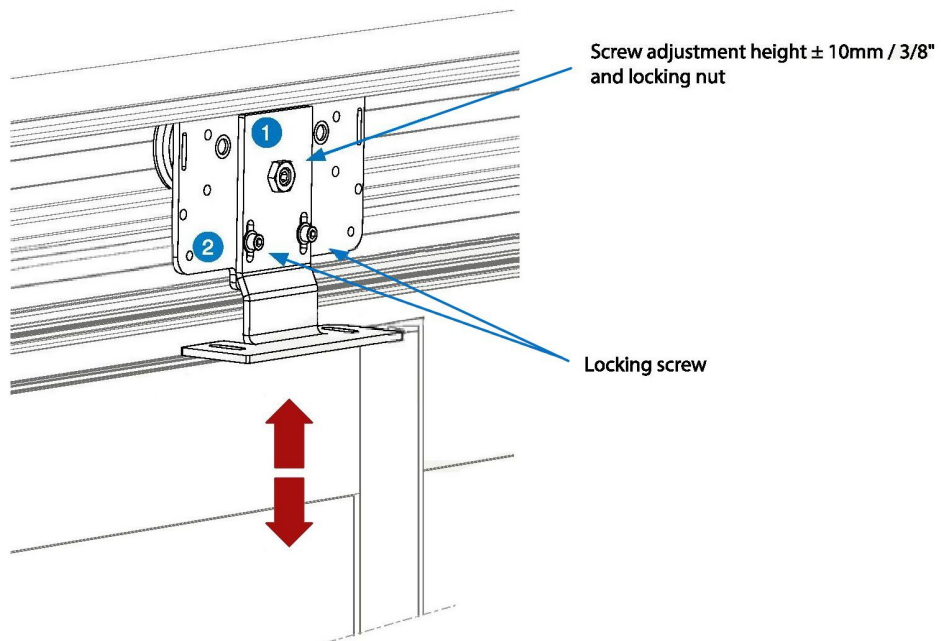
## INSTALL DOOR PANELS

### Positioning the sliding panels

Position the panels on the running rail.

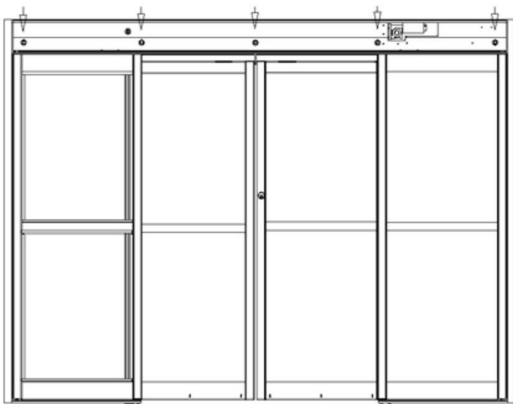


### Panel vertical position adjustment

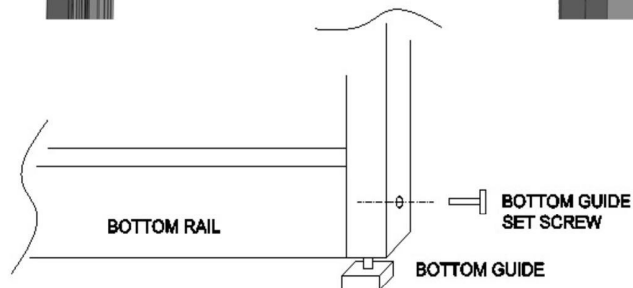


## INSTALL DOOR PANELS

- Door panel height is preset at the factory. However, if a slight adjustment in height is required, perform the following:
  - The leading edge of the door panels may be raised or lowered using the adjustment bolts on the carriage.
  - When adjusted, it will raise or lower to obtain alignment.
  - Loosen the Adjuster Mount Bolt
  - Rotate the Adjustment Nut until the proper height is obtained
  - Check the alignment of the lock with the strike hole in the jamb (single slide) or opposing panel (bi-part)
  - Re-tighten the Adjuster Mount Bolt



- Upon installation of sliding panels, insert the bottom guide into the track.
- Adjust the bottom guide so the bottom of slide block is approximately 1/8" above the surface of the track. Install / tighten the set screw that goes into the heel of the door to secure the bottom guide at a fixed height (the set screw is included in the hardware pack provided).
- Ensure door slides freely when completed.





## DECAL PLACEMENT

### A - CAUTION AUTOMATIC DOOR

**Yellow decal with black lettering** - Decal must be visible from both sides of the door. Decal height at 55 +/- 5" from floor

### B - STAND CLEAR

**Yellow decal with black lettering** - Decal must be visible from the side that the sliding door is on. Decal should be placed in an area of the sidelite panel that is easily visible - exact location is not specified per ANSI

### C - THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED

**Black decal with white lettering** - Decal must be visible from each side of the door. Exact mounting height is not specified

### D - IN EMERGENCY PUSH TO OPEN

**Red decal with white lettering** - Decal must be visible from the side opposite of the breakout direction. Exact mounting height is not specified

### E - AAADM DAILY SAFETY CHECK

**White decal with black lettering** - Decal must be visible from the side the control switch is on. Exact height is not specified, but the label typically is near the selector switch for the door - usually on the door jamb

- Ensure all signage is applied upon job completion
- If signage cannot be applied due to awaiting glass and glazing, advise Owner that signage must be applied upon job completion
- **If an Owner does not want signage applied** (for aesthetic reasons or otherwise):
  - Explain the **ANSI requirements** - if Owner still does not want signage applied, enter notation on the work order to indicate such action

