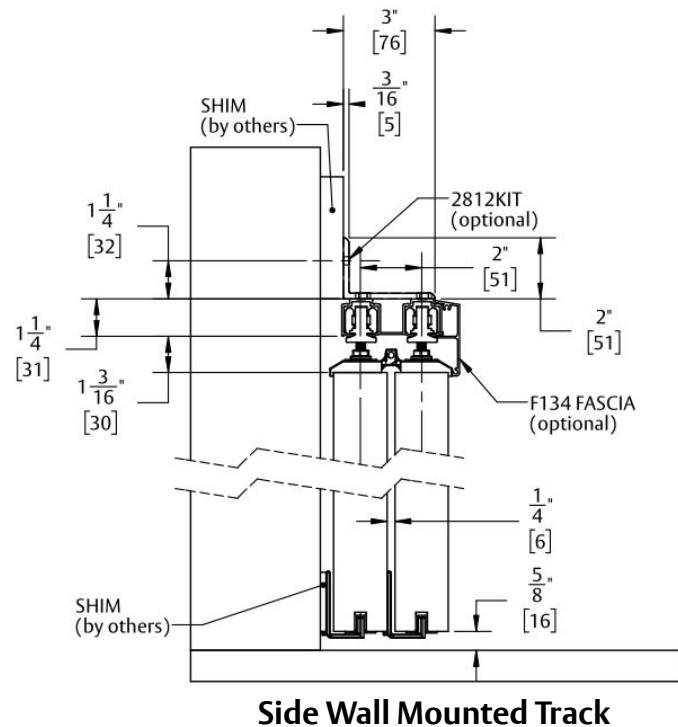
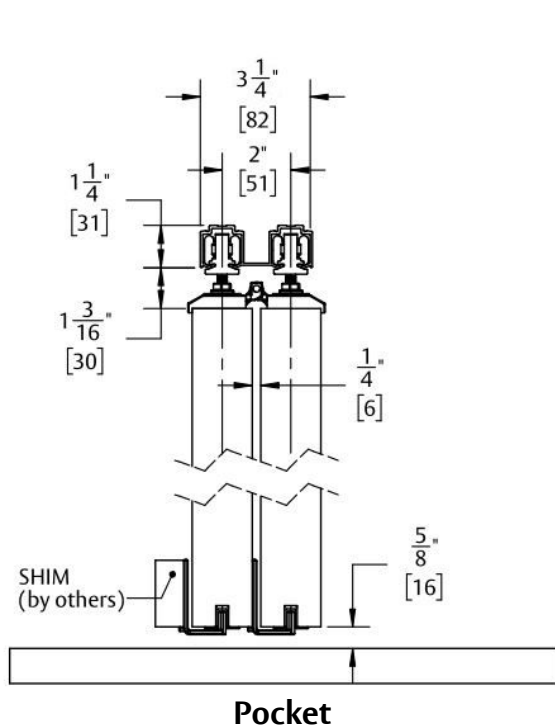


## Pemko CAS200A-2 for Two Door System

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### Sliding Panels - Up to 200 lbs each



### Before Installation:


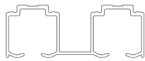
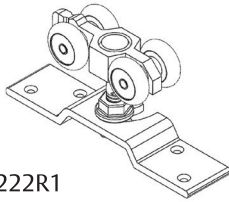
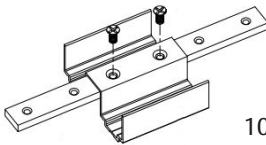
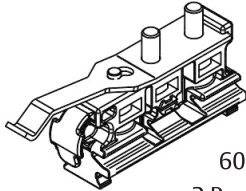


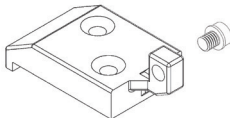
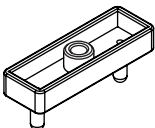
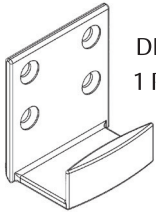

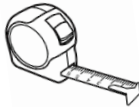





**WARNING:** Must be installed into wall blocking. If you have questions about what type of wall blocking is required, consult a structural engineer.

Confirm panel preps include the mortise channel in center at bottom of each panel  $3/8" \times 5/8"$  for fitting EPD3BL Mortise Insert.

Verify panels are properly sized.

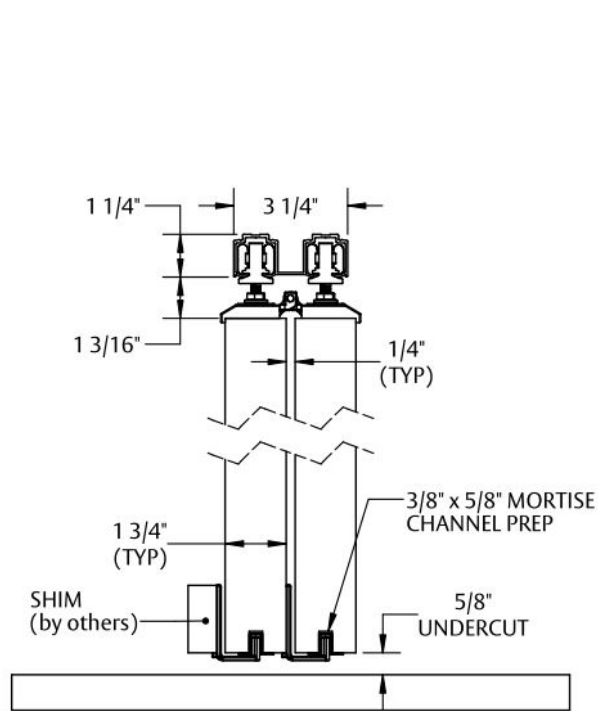
Check that all components are present in provided kit per components chart on next page.

## Parts:

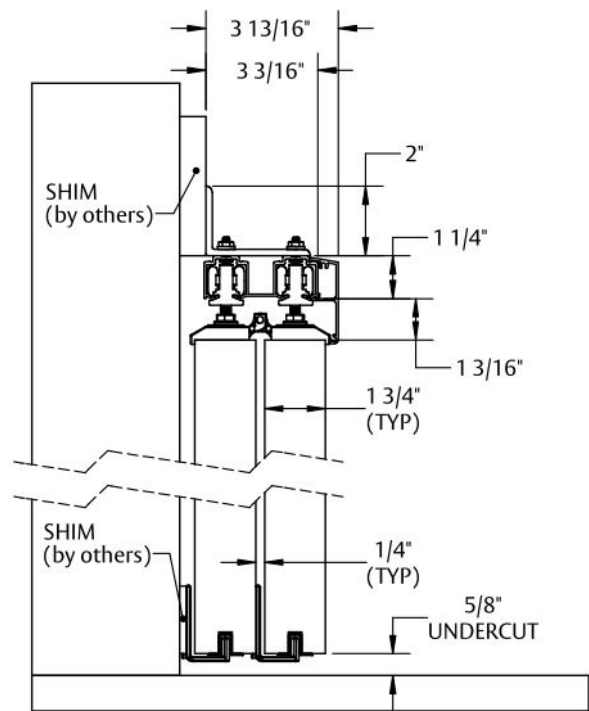
 EPD3BL 1 Per Door	 2802	 H222R1 2 Per Door		
 1076-2SPLKIT (optional)	 601H 2 Per Door	 TELS-23 2 Per Door		
 WRENCH14 1 Per Kit	 CAS-05 2 Per Door	 CLF-01	 DBG-02R1 1 Per Door	 WS10150BL3 14 Per Door
<b>Tools Required:</b>  Tape Measure  Non Permanent Thread Locker  Level - 8 ft.  Electric Drill with Clutch  #2 Phillips Bit  1/8", 9/64" and 1/2" Drill Bits				

# Handing Diagrams:

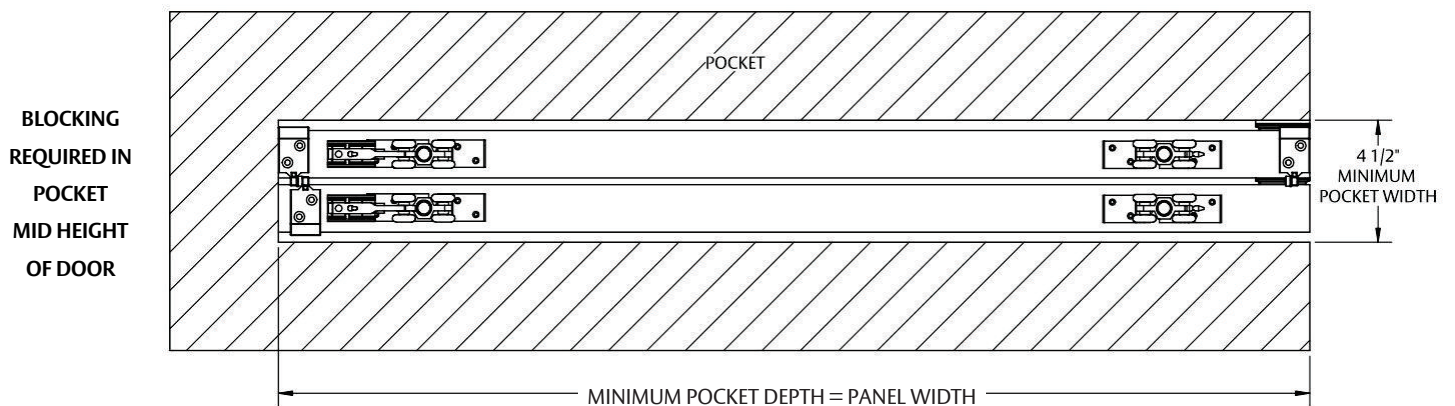
	2 Door Single Direction	2 Door Bi-Parting
Pocket Door	<div>LH</div>	<div>RH LH</div>
	<div>RH</div>	<div>LH RH</div>
Side Wall Mount	<div>LH</div>	<div>RH LH</div>
	<div>RH</div>	<div>LH RH</div>



**Pocket**



**Side Wall Mounted Track**



## 1. Install Track

### Overhead Mount:

If using optional Center Splice Bracket (1076-2SPLKIT) please refer to installation instructions included with part.

Install Double Track (2802\_) plumb and level with up to thirty (30) #8 fasteners (not provided). Choose fasteners appropriate for header material and install on 12" spacing per pre-punched holes.

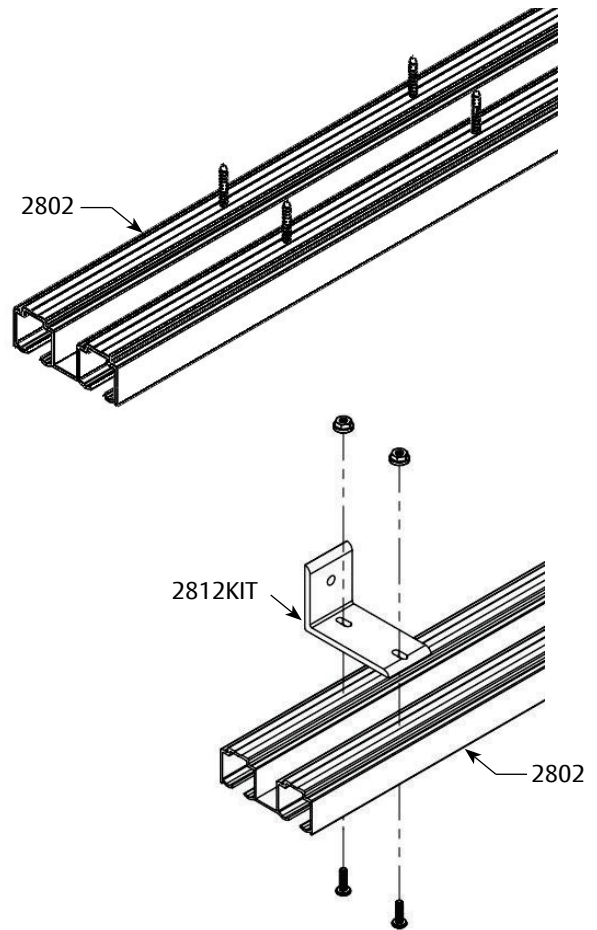
Each pre-drilled fastener hole from manufacturer should be utilized.

If using surface mounted finish hardware, it may be necessary to offset track on header for pocket clearance.

### Side Wall Mount:

Attach Side Wall Mounting Brackets (2812KIT) to Double Track (2802\_) using #10 nuts and bolts (provided). Place one bracket at each end of track and no more than 12" in between.

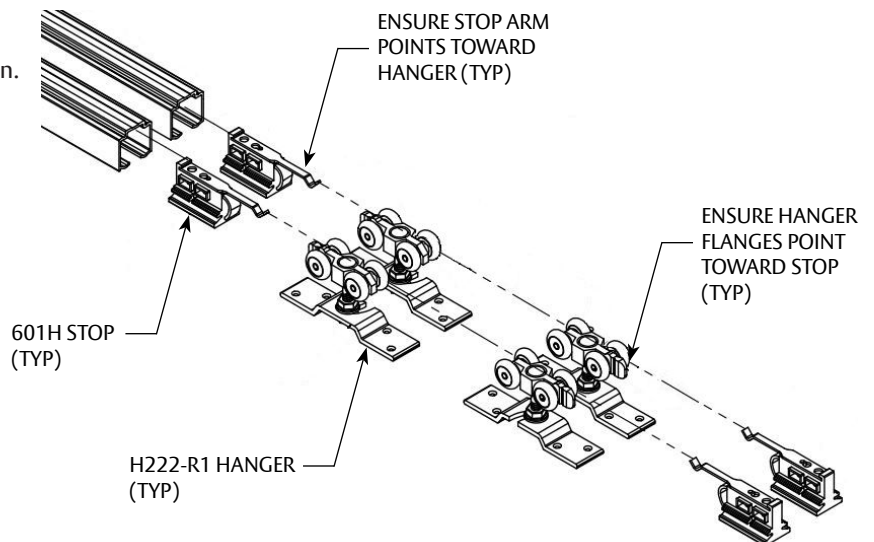
Install Double Track (2802\_) plumb and level with 1/4" x 2-1/2" lag screws (not provided).



## 2. Insert Hangers and Stops

Install track stops and hangers into track as shown.

**Do NOT tighten stops into place yet.**

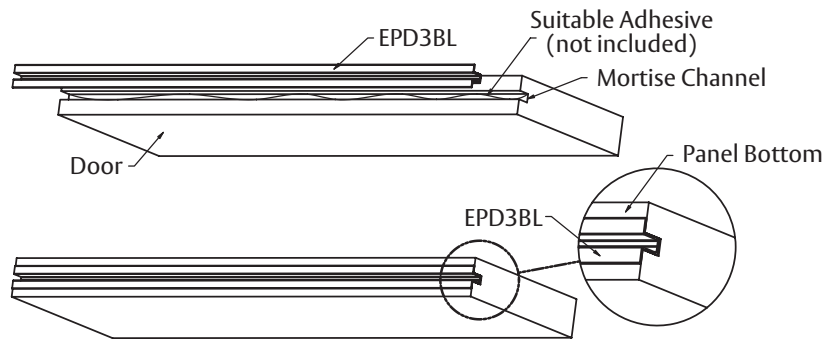


### 3. Install EPD3BL

Cut each EPD3BL to size to match panel width.

Using a suitable adhesive, apply a generous amount to top of mortise channel. Position EPD3BL into mortise channel making sure it does not extend past either edge of panel.

Nails, screws, staples or like items should not be used to secure EPD3BL to mortise channel since they are likely to impede motion of panels.

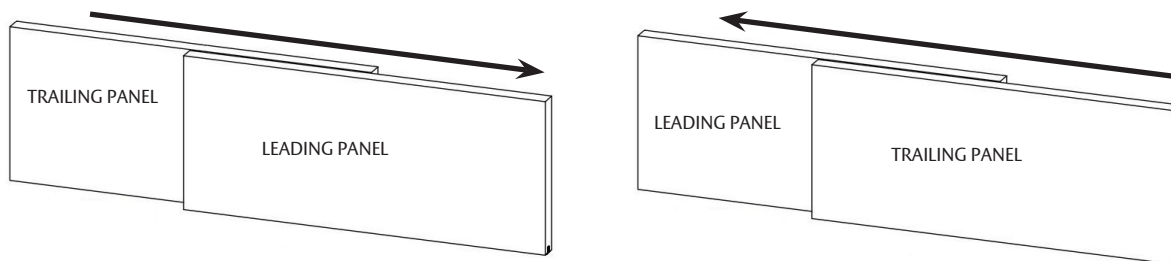


### 4. Identify Panels

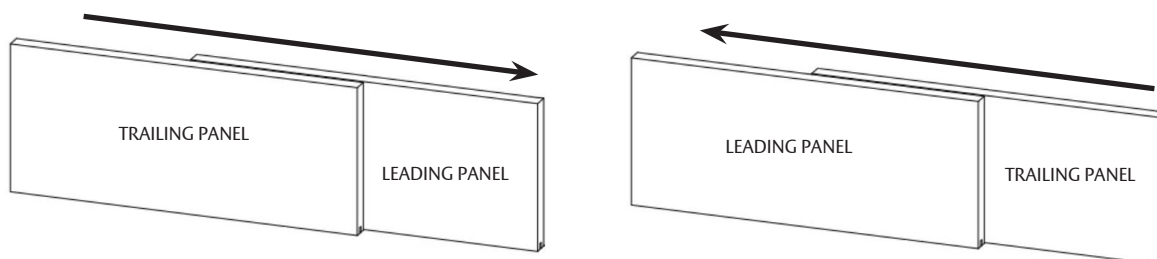
Using handing diagrams on page 3 and images below, identify Leading Panel and Trailing Panel.

Identify front face of each panel.

#### Left Hand Configuration



#### Right Hand Configuration



## 5a. Locate and Mark Centerlines

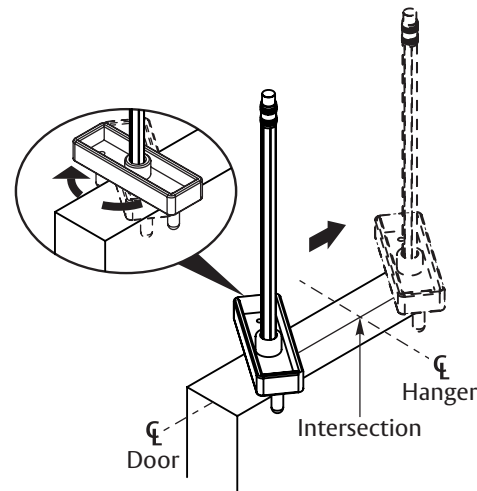
**IMPORTANT:** It is very important to locate centerline of door thickness so that hanger bracket is centered in door thickness when installed.

Locate and mark door centerline as shown for each door using CLF-01.

Make note of hanger centerline using chart. Mark hanger centerline as shown for each door.

Overlap	CL of Hanger
2" *	5"
3"	5"
4"	6"
5"	7"
6"	8"

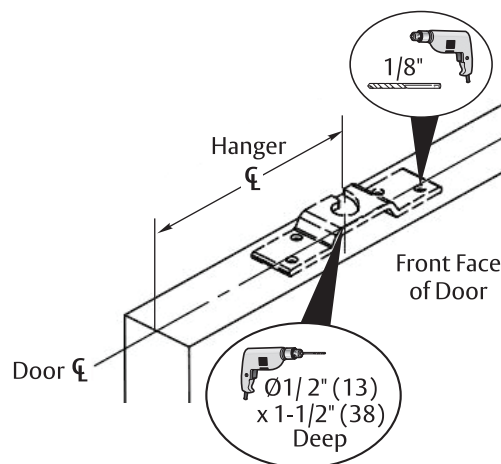
\* 2" minimum overlap



## 5b. Determine Hanger Bracket Orientation

Place hanger brackets for leading door at intersections of centerlines with slots facing trailing panel as shown. Using bracket as a template, mark mounting holes.

Place hanger brackets for trailing door at intersections of centerlines with slots facing away from leading panel as shown. Using bracket as a template, mark mounting holes.



## 5c. Install Hanger Bracket

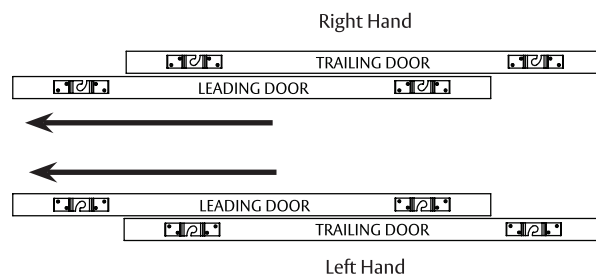
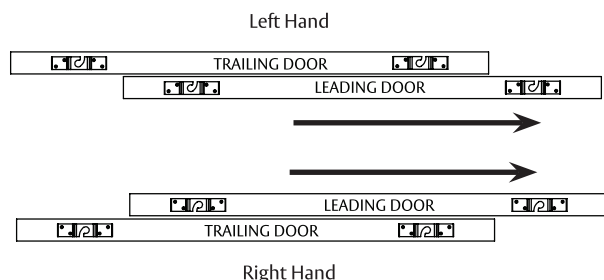
**IMPORTANT:** Location of 1/2" dia hole centered in door thickness is critical to proper door operation.

Drill 1/2" dia x 1-1/2" deep hole at intersection of centerlines for each panel as shown.

Note: Slot should line up with pre-drilled 1/2" diameter holes on top of panels.

Drill 1/8" pilot hole for each hanger mounting hole.

Install two (2) hanger brackets on each panel using four (4) #8 x 1-1/4" screws for each bracket (provided).



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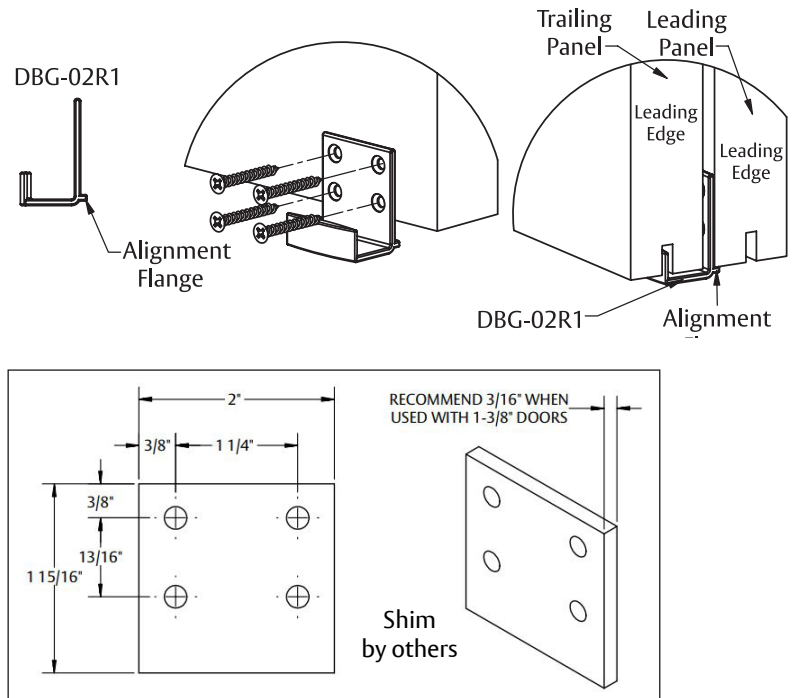
## 6. Install Door Bottom Guide

Position Door Bottom Guide (DBG-02R1) flush with leading edge of Leading Panel as shown.

Use alignment flange to ensure proper fit of DBG-02R1 to bottom of panel. Align edge of DBG-02R1 with vertical edge of panel. Insert shim by others between DBG-02R1 and door face for 1-3/8" thick doors.

Using mounting holes as a template, mark and drill four (4) mounting holes 1-1/4" deep using a 1/8" drill bit.

Use 1-1/2" wood screws (WS10150BL) to secure DBG-02R1 to face of Leading Panel.



## 7. Install CAS-05 Mechanical Catches

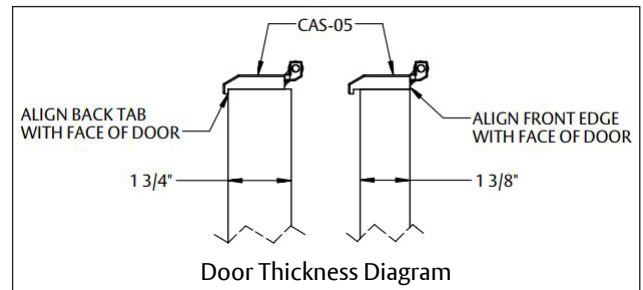
Refer to Door Thickness Diagram for CAS-05 orientation before installation.

For Trailing Panel, position CAS-05 Catch using dimension "Y" from chart and facing Leading Panel as shown.

For Leading Panel, leading edge catch is flush with edge of door and paddle faces Trailing Panel as shown. Position trailing edge catch using dimension "X" from chart and with paddle facing Trailing Panel as shown on next page.

Using CAS-05 as a template, mark and drill two (2) mounting holes 1-1/4" deep using a 1/8" drill bit. Use 1-1/2" wood screws (WS10150BL) to secure CAS-05 to top edge of door.

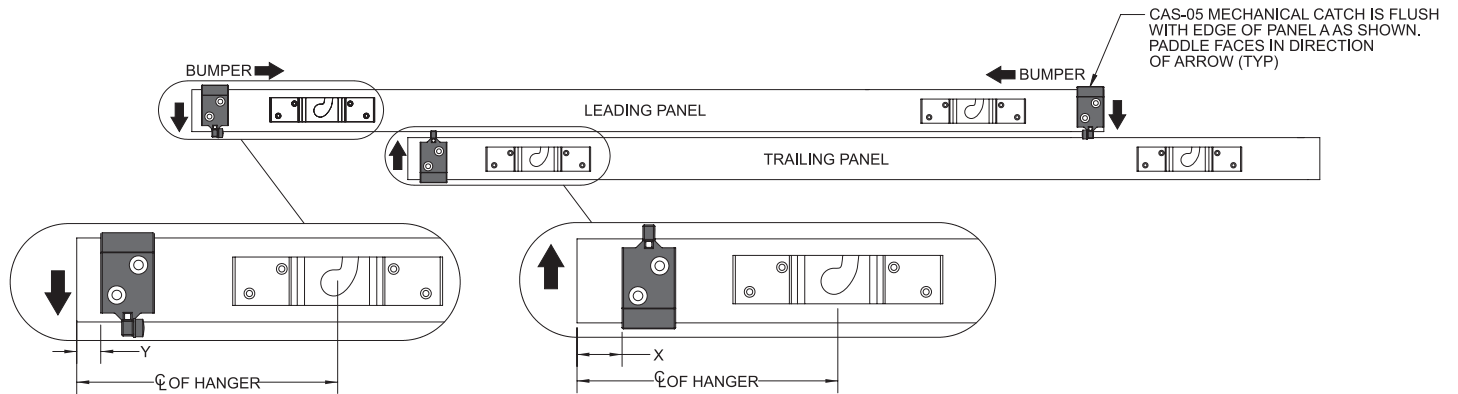
For Leading Panel, thread a Bumper onto each CAS-05 Catch ensuring that bumpers face center of door as shown on next page. Trailing Panel will not receive any bumpers.



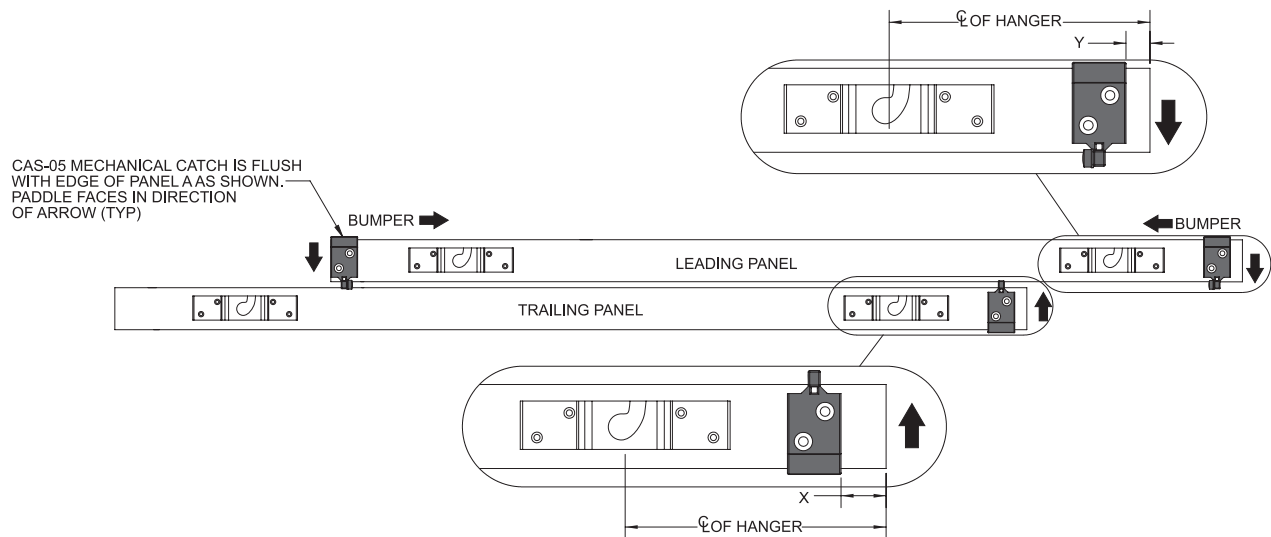
Overlap	CL of Hanger	X	Y
2"	5"	7/16"	0" *
3"	5"	1-7/16"	15/16"
4"	6"	2-7/16"	1-15/16"
5"	7"	3-7/16"	2-15/16"
6"	8"	4-7/16"	3-15/16"

\* CAS-05 will be flush with edge of Trailing Panel for 2" door overlap





## Alternate Configuration

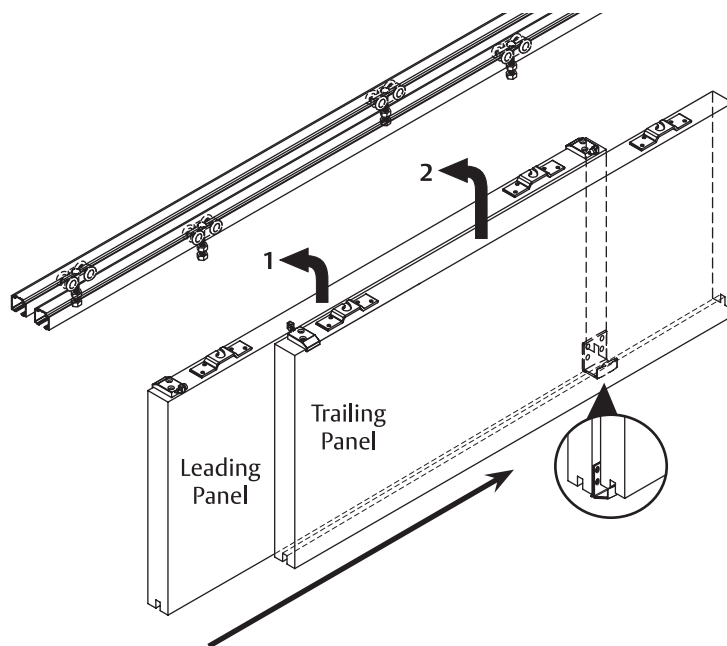


## 8. Hang Doors

Begin with Leading Panel first. Hook hanger mounting brackets onto hanger bolts.

Stagger and overlap panels as shown to ensure proper functionality of CAS-05 Mechanical Catches.

Hang Trailing Panel next by hooking door bottom onto DBG-02R1 and then hooking hanger mounting brackets onto hanger bolts.



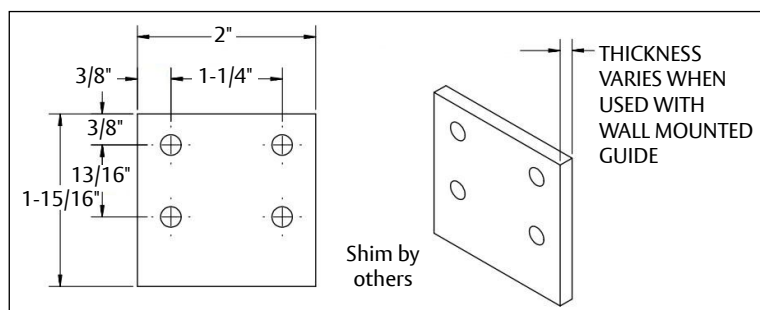
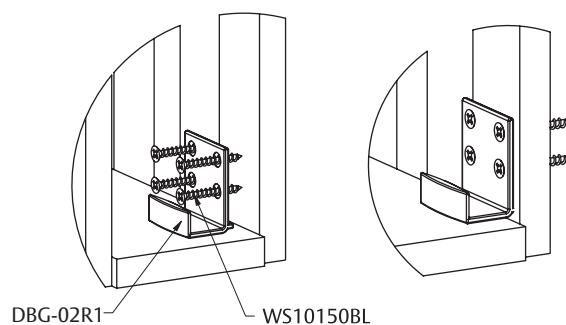
## 9. Install Back Panel Door Bottom Guide

### Side Wall Mount and Pocket –Wall Mounted

Move doors entirely into opening and install Door Bottom Guide (DBG-02R1) to wall for Trailing Door.

Using Door Bottom Guide, mark and drill (4) mounting holes 1-1/4" deep using 5/32" drill bit.

Use 1-1/2" wood screws (WS10150BL) to secure DBG-02R1 to wall. Use shim (by others) as needed.

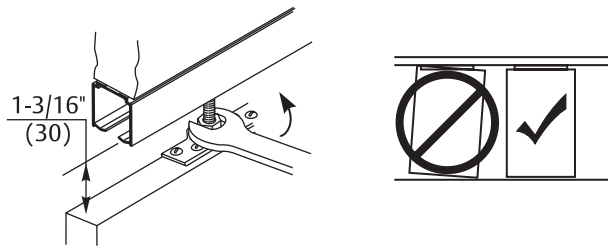


## 10. Adjust Hangers

Beginning with Trailing Panel, adjust each hanger until top of door is 1-3/16" from bottom of track.

Proceed with Leading Panel.

Once final adjustments are made, add non permanent thread locker to hanger bolts and tighten all hanger lock nuts.

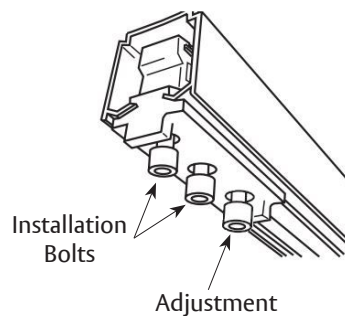


## 11. Adjust Stops

Position doors in open and closed position to determine location of in-track stops.

Tighten installation bolts to secure stop in track.

Tighten adjustment bolt to create tension between stop arm and hanger.

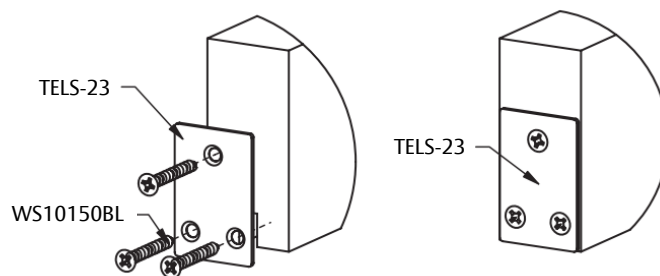


## 12. Install Door Bottom End Plates

Position Door Bottom End Plates (TELS-23) on leading and trailing edge of panels as shown. Make sure they are centered in panel thickness and flush with bottom edge of panel.

Using end plate as a template, mark and drill three (3) mounting holes 1-1/4" deep using a 5/32" drill bit.

Install each end plate using three (3) 1-1/2" wood screws.



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