

Pemko CAS200A-4 for Four Door System

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Sliding Panels - Up to 200 lbs each

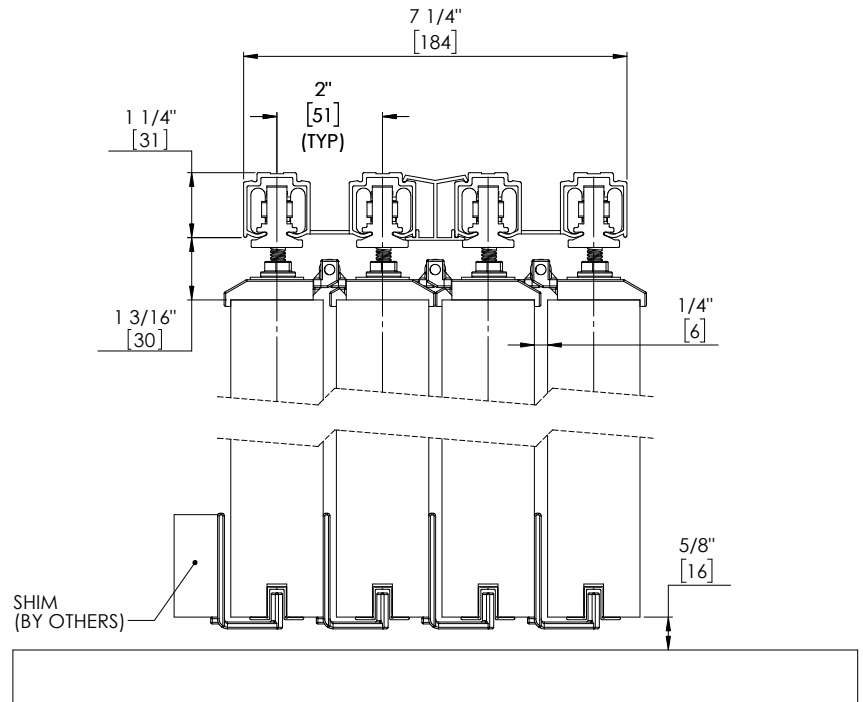
Before Installation:

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

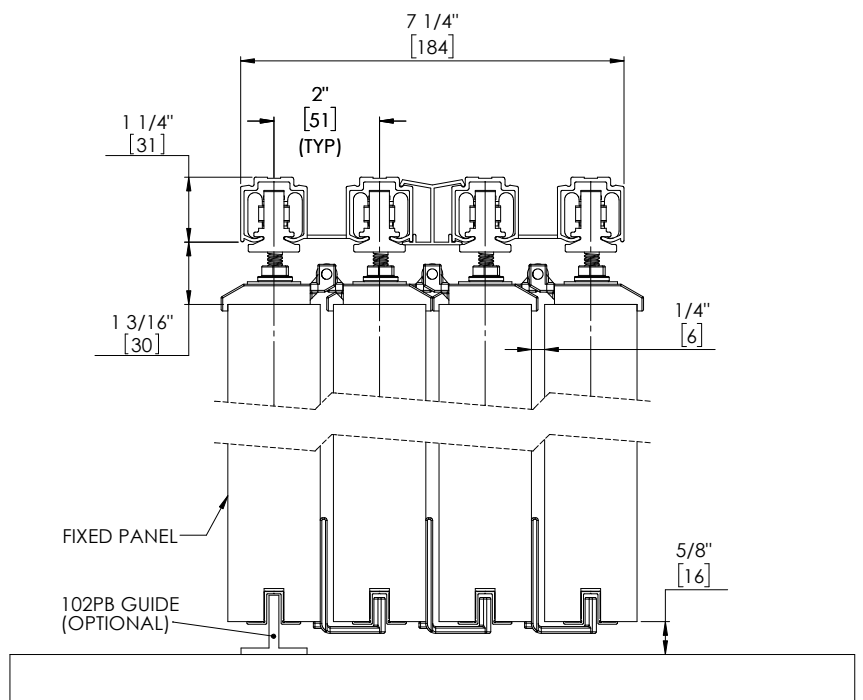
Confirm panel preps include the mortise channel in center at bottom of each panel $\frac{3}{8}$ " x $\frac{5}{8}$ " for fitting EPD3BL Mortise Insert.

Verify panels are properly sized.

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


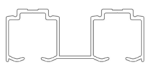

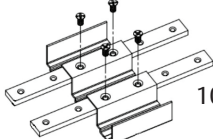
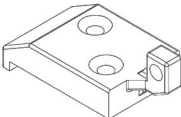

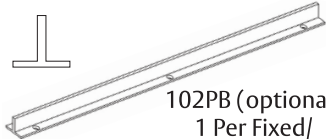
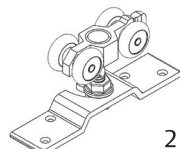
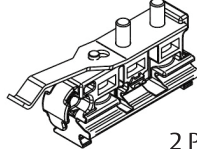
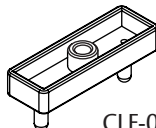
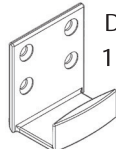










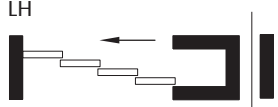

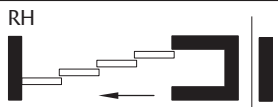
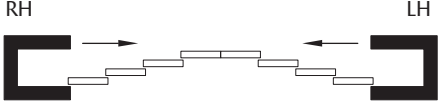


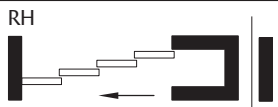

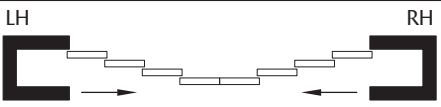


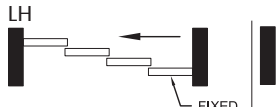


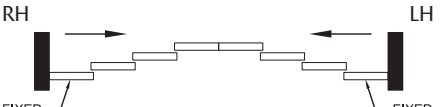







Pocket
RH shown as reference



Cased Opening
RH shown as reference

Parts:

 EPD3BL 1 Per Door	 2802 2 Per System	 1076TC		
 1076-2SPLKIT (optional)	 CAS-05 2 Per Door	 TELS-23 2 Per Door	 102PB (optional) 1 Per Fixed/ Stationary Door	
 H222R1 2 Per Door	 601H 2 Per Door	 CLF-01	 DBG-02R1 1 Per Door	 WS10150BL3 14 Per Door
 WRENCH14 1 Per Kit	Tools Required:  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			

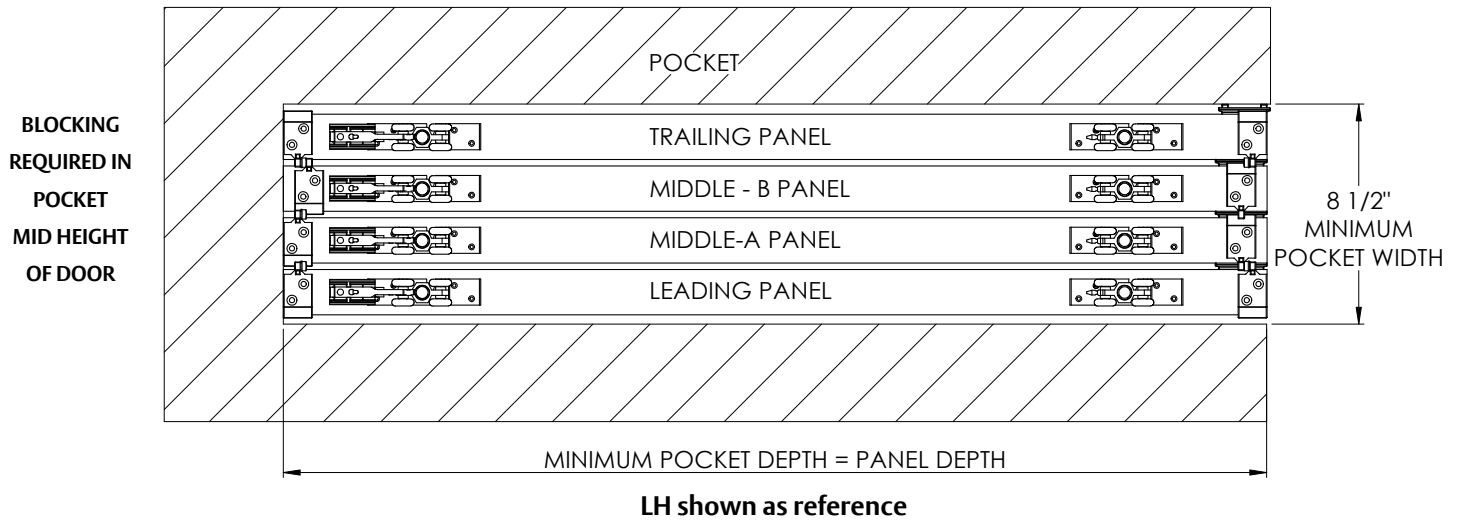
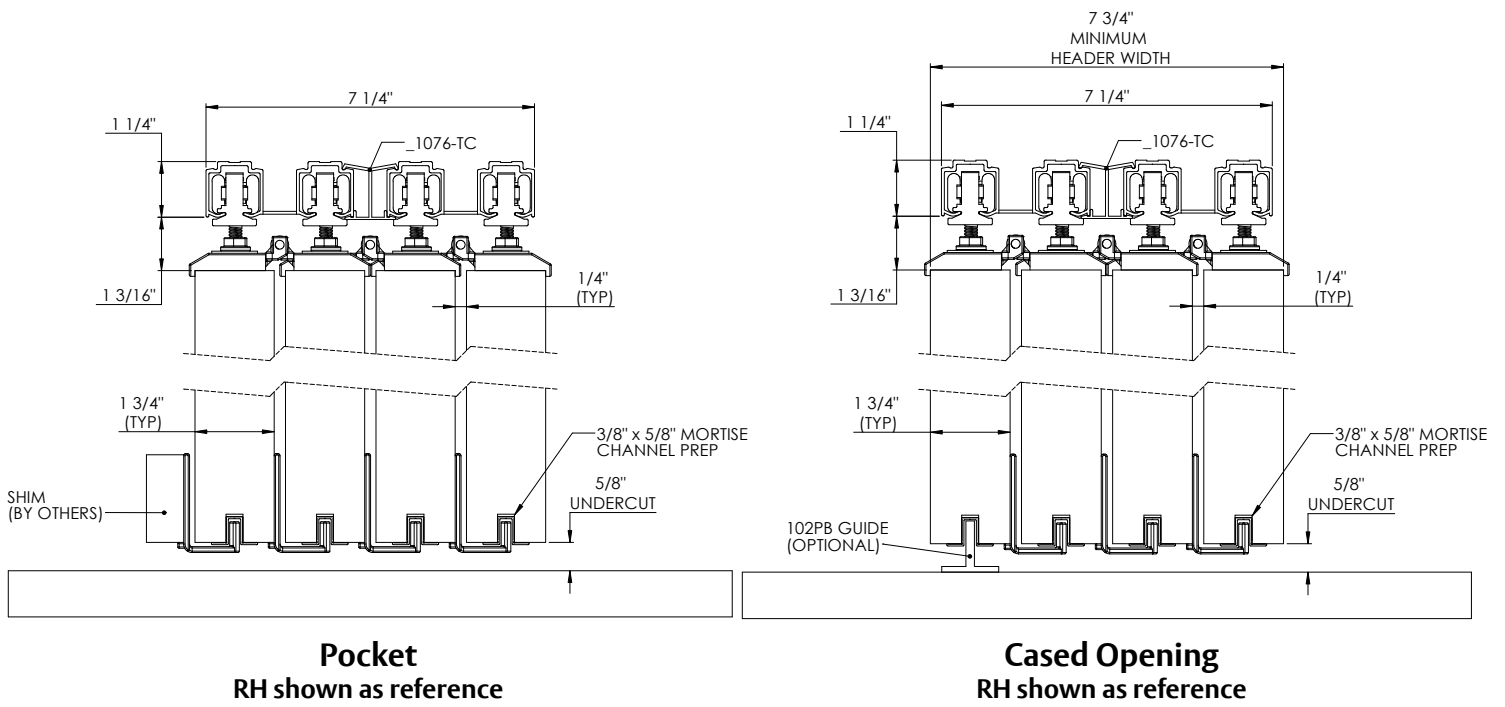
Pocket Door					
4 Door Single Direction			4 Door Bi-Parting		
LH 		RH 	LH 	LH 	RH 
RH 		LH 	RH 	RH 	
Cased Opening					
4 Door Single Direction			4 Door Bi-Parting		
LH 		RH 	LH 	LH 	RH 
		LH 	RH 	RH 	

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1. Install Track

Overhead Mount:

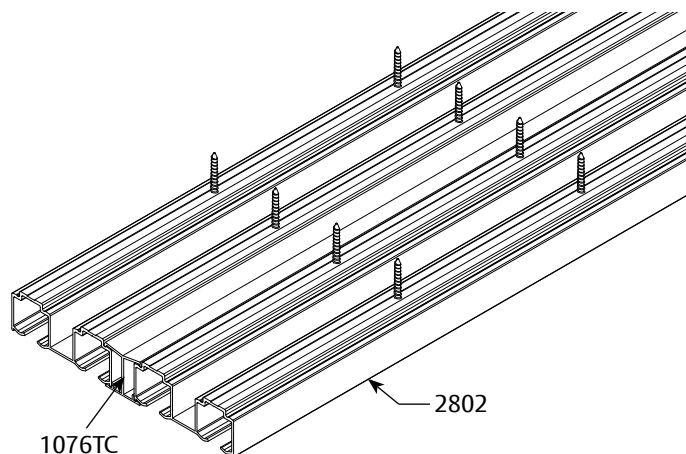
If using optional Center Splice Bracket (1076-2SPLKIT) please refer to installation instructions included with part.

Install Dual Track (2802) plumb and level with up to sixty (60) #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.

Use 1076TC track connector to connect 2802 tracks together at header as shown.

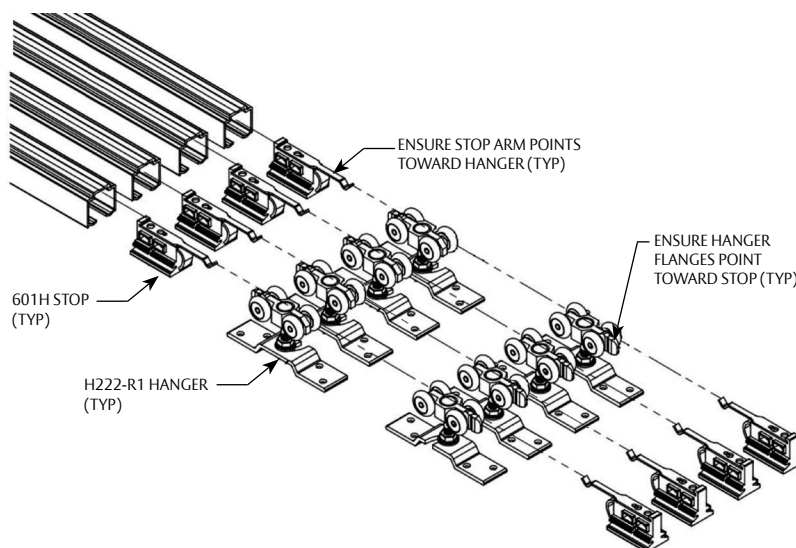
If using surface mounted finish hardware, it may be necessary to offset track on header for pocket clearance.



2. Insert Hangers and Stops

Install track stops and hangers into track as shown.

Do NOT tighten stops into place yet.



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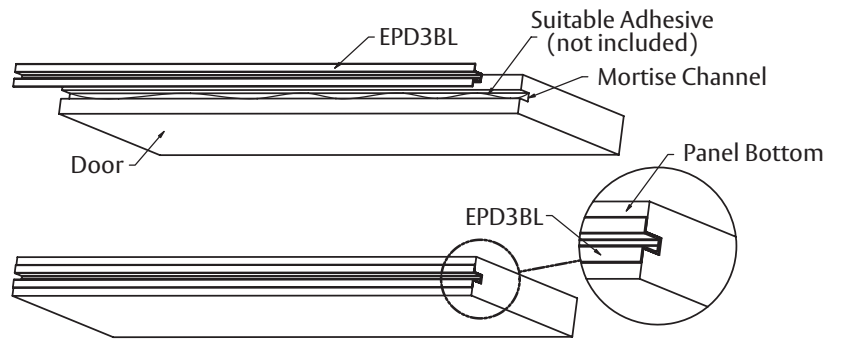
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3. Install EPD3BL

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.

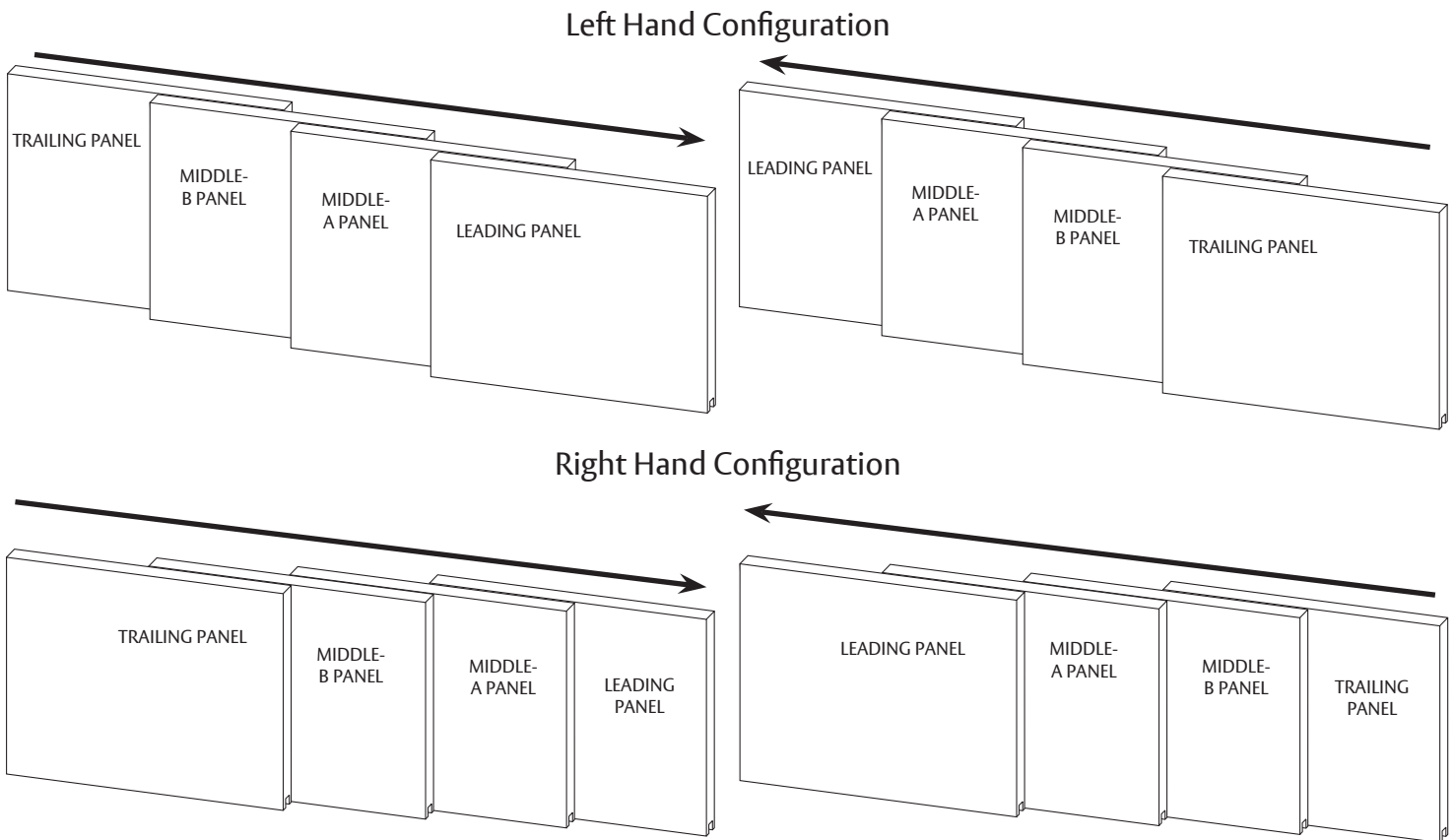
Nails, screws, staples or like items should not be used to secure EPD3BL to mortise channel since they are likely to impede motion of panels.



4. Identify Panels

Using handing diagram on page 2 and images below, identify Leading Panel, Middle - A Panel, Middle - B Panel, and Trailing Panel.

Identify front face of each panel.



5a. Locate and Mark Centerlines

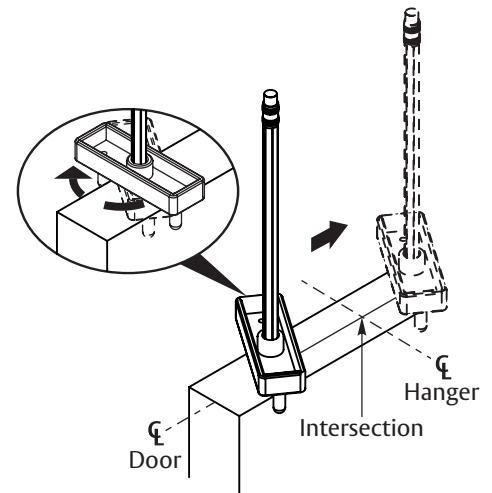
IMPORTANT: It is very important to locate centerline of door thickness so that hanger bracket is centered in door thickness when installed.

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"	5"
5"	6"
6"	6"

* 2" minimum door overlap

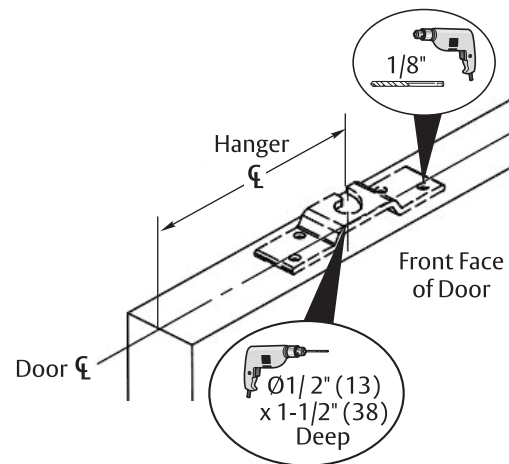


5b. Determine Hanger Bracket Orientation

Place hanger brackets for Leading Panel at intersections of centerlines with slots facing Middle - A Panel as shown. Using bracket as a template, mark mounting holes.

Place hanger brackets for both middle panels at intersections of centerlines with slots facing Trailing Panel as shown. Using bracket as a template, mark mounting holes.

Place hanger brackets for Trailing Panel at intersections of centerlines with slots facing away from middle panels as shown. Using bracket as a template, mark mounting holes.



5c. Install Hanger Bracket

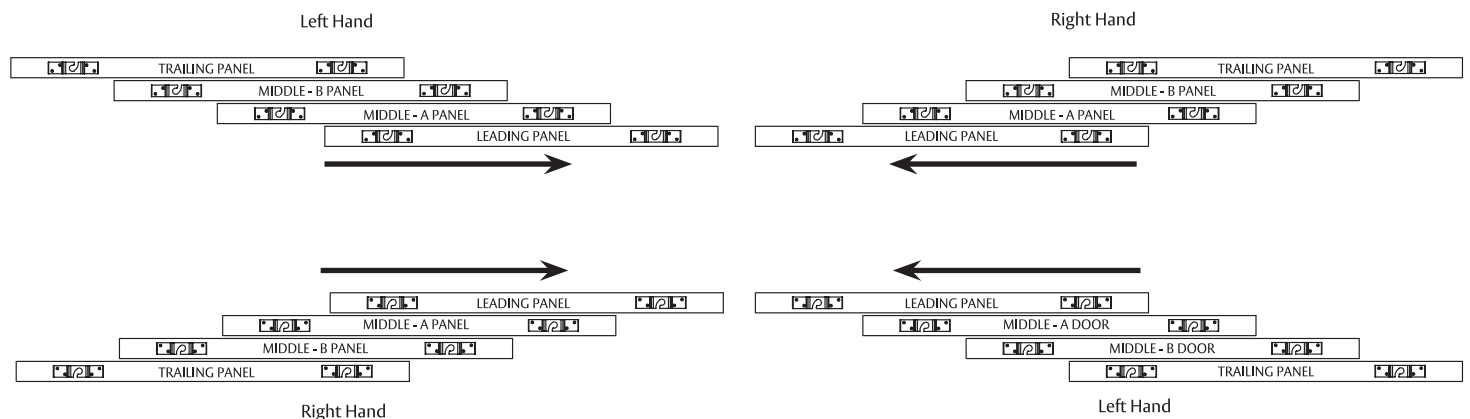
IMPORTANT: Location of 1/2" dia hole centered in door thickness is critical to proper door operation.

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

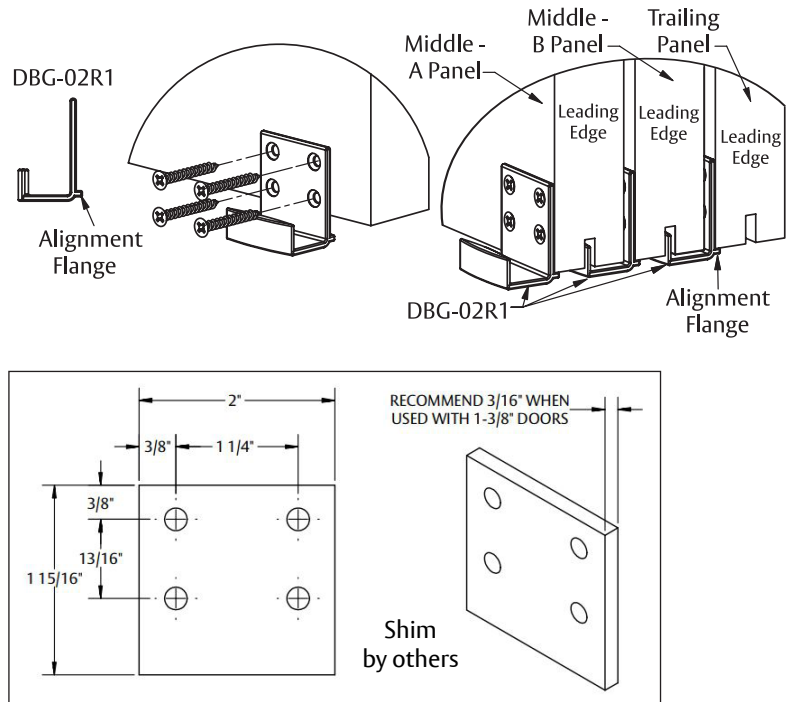
Position Door Bottom Guide (DBG-02R1) flush with leading edges of middle panels and Trailing Panel as shown.

Ensure DBG-02R1 on Trailing Panel faces Middle - B Panel. Ensure DBG-02R1 on Middle - A Panel faces Leading Panel.

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 panel 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 Trailing Panel, Middle - B Panel, and Middle - A Panel.



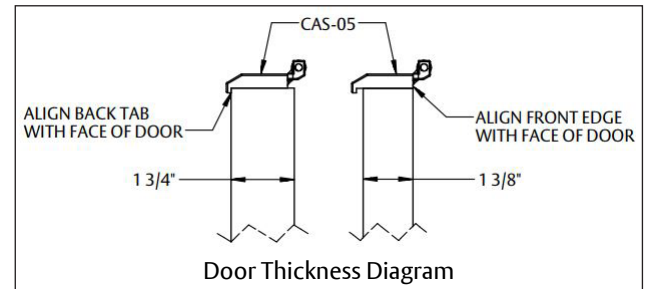
7. Install CAS-05 Mechanical Catches

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

The paddles must face appropriate panel as shown in configuration diagrams on pages 8 and 9.

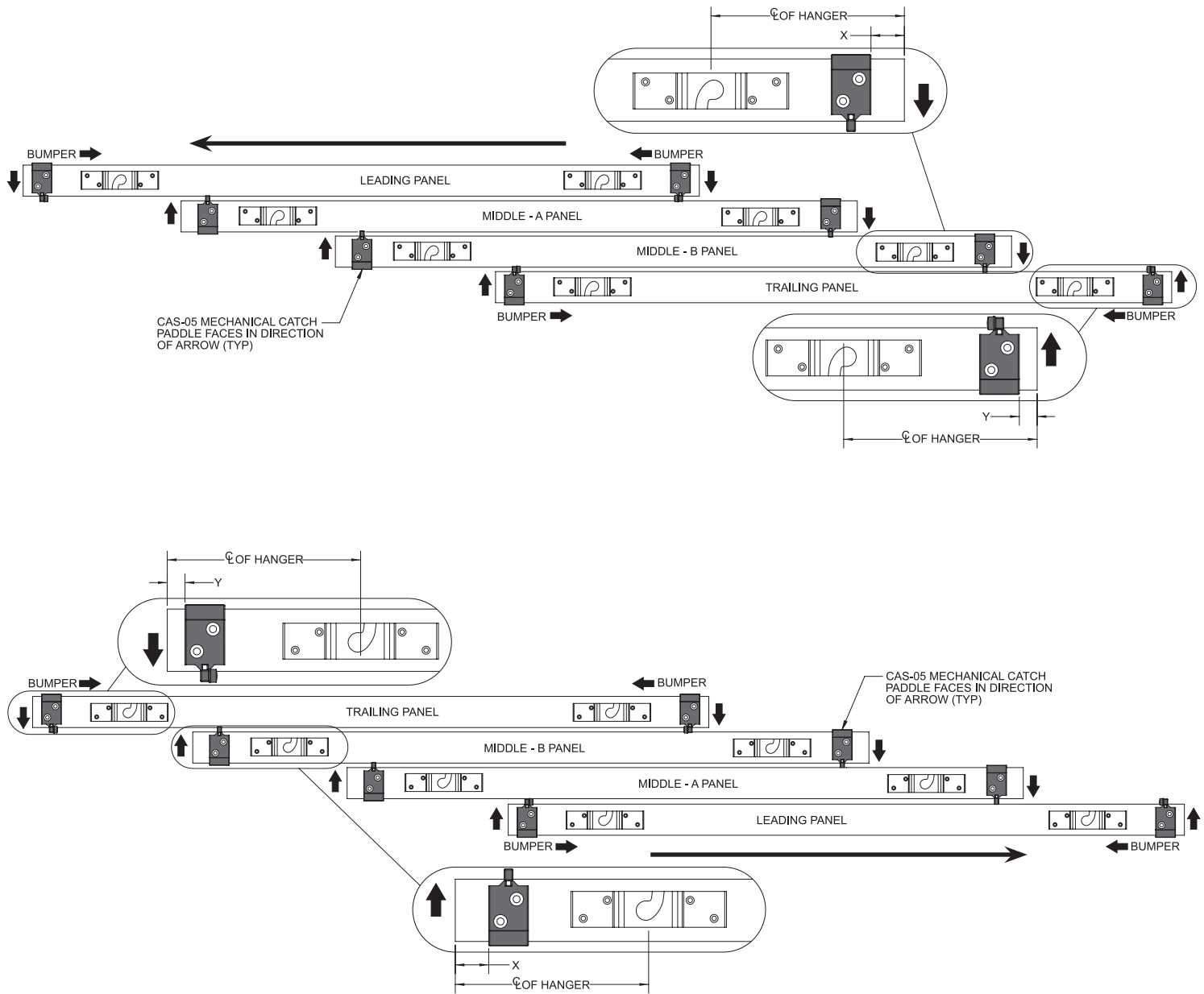
Using CAS-05 as a template, mark and drill two (2) mounting holes 1-1/4" deep using a 1/8" drill bit. Use 1-1/2" wood screws (WS10150BL) to secure CAS-05 to top edge of panel.

Install bumpers. Refer to configuration diagrams on pages 8 and 9 for bumper locations.



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

LH Configurations



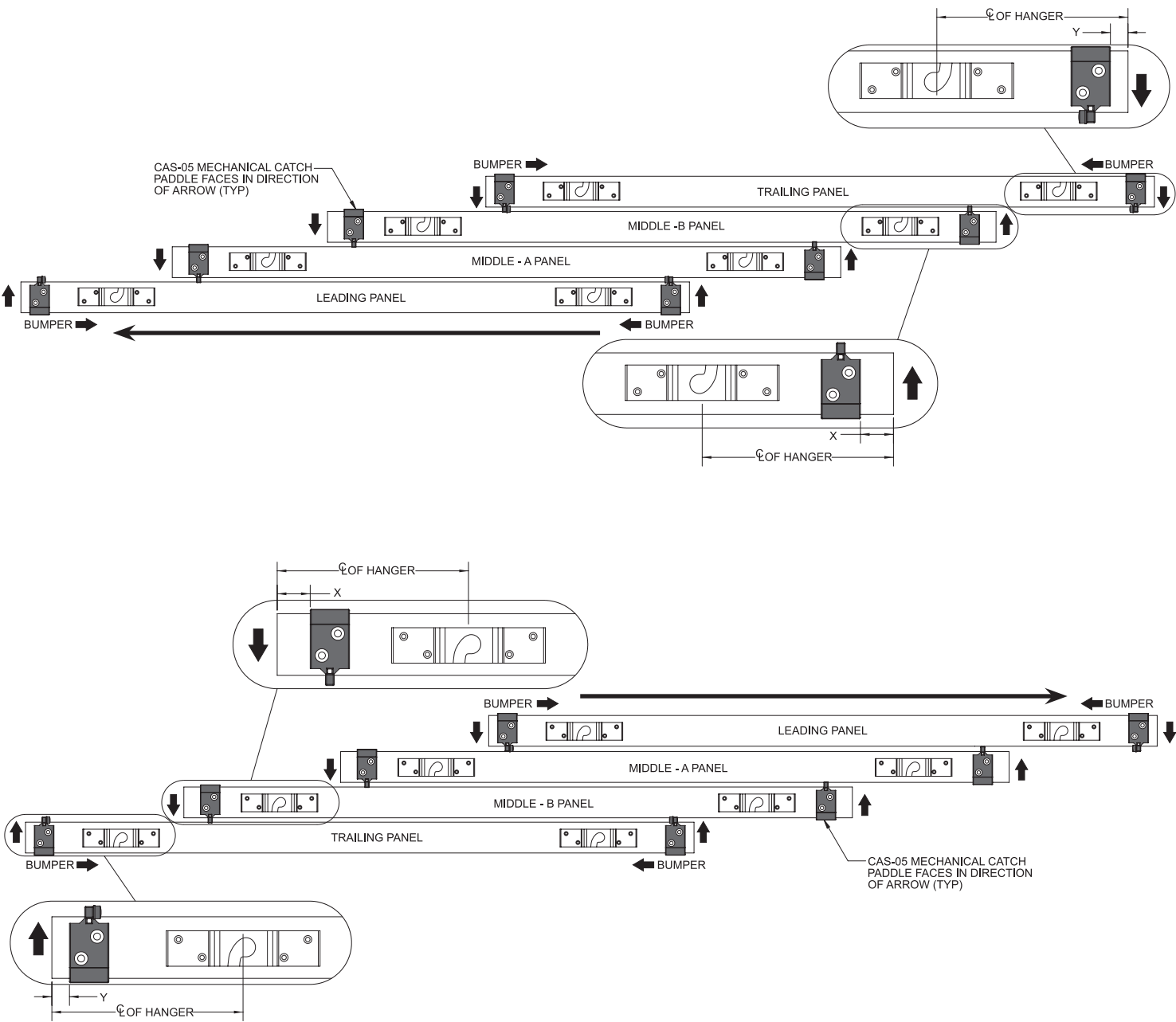
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RH Configuration

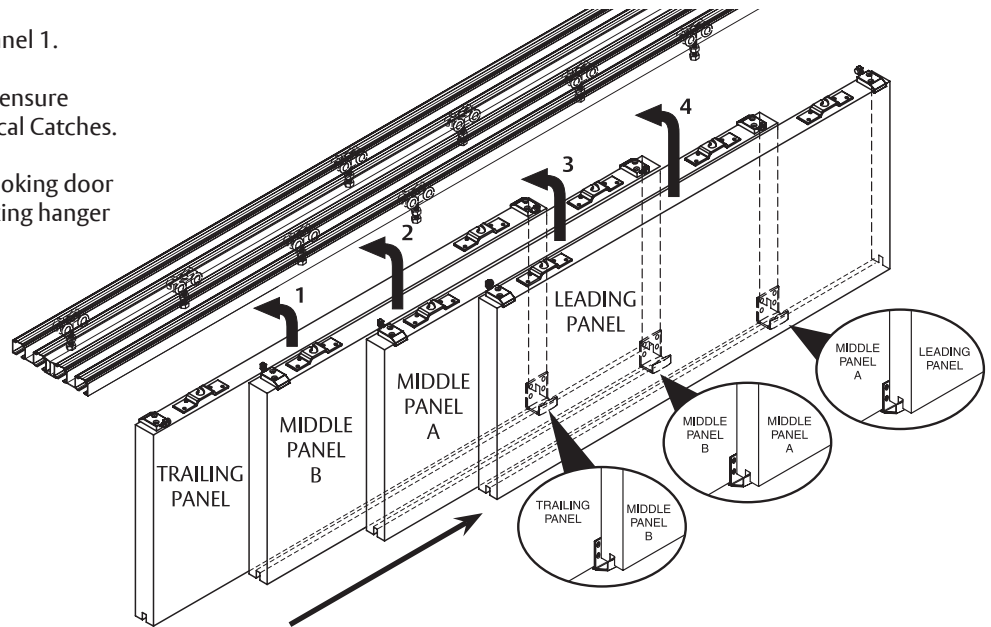


8. Hang Doors

Based on diagrams, identify and hang panel 1.

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

Hang Panel 2 next and Panel 3 last by hooking door bottoms onto DBG-02R1 and then hooking hanger mounting brackets onto hanger bolts.



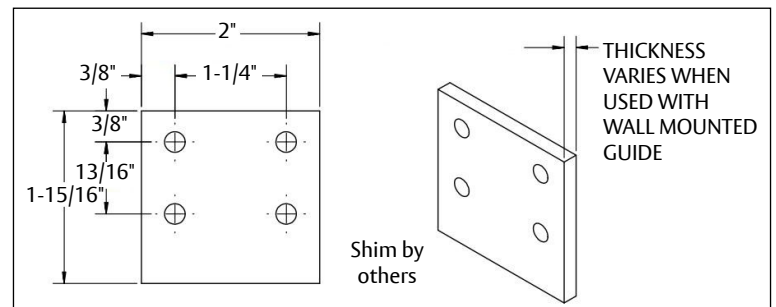
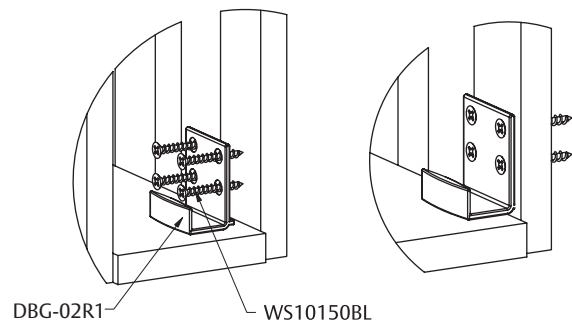
9. Install Trailing Panel Door Bottom Guide

Pocket –Wall Mounted

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

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.

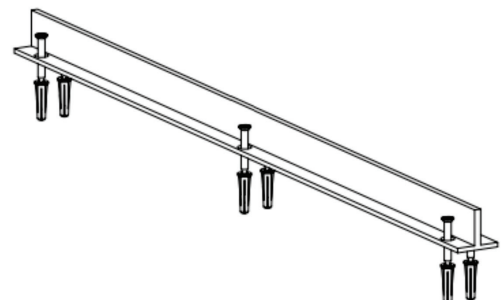


9A. Alternate Cased Open with Fixed Panel - Floor Mounted

Identify Fixed Panel and position it in its holding position.

Slide 102PB into mortise channel on bottom of door and mark its position.

Slide all doors into opening in order to fasten 102PB in its marked location. Use appropriate fasteners (by others).



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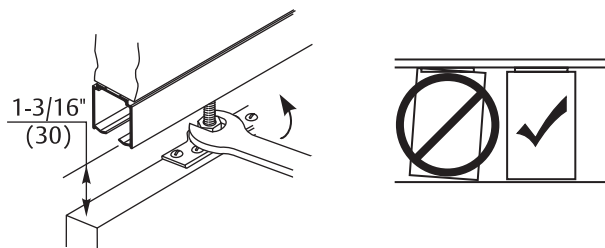
10. Adjust Hangers

Adjust each hanger until top of door is 1-3/16" from bottom of track as shown.

If doors are being lowered, begin with Trailing Panel, then Middle - B Panel, then Middle - A Panel, and Leading Panel.

If doors are being raised, begin with Leading Panel, then Middle - A Panel, then Middle - B Panel, and Trailing Panel.

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

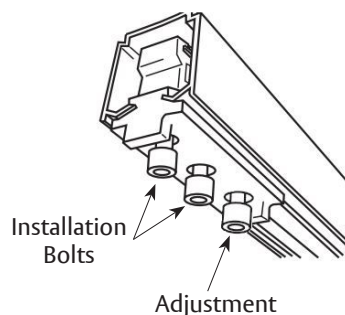


11. Adjust Stops

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.

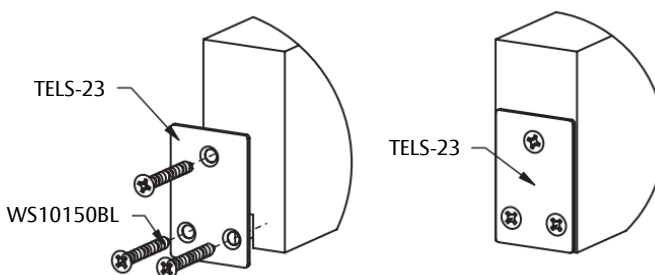


12. Install Door Bottom End Plates

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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