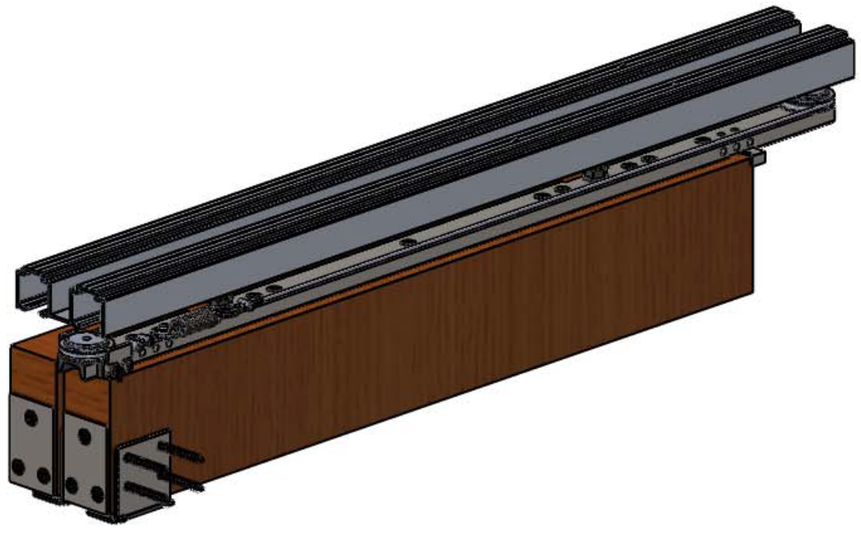
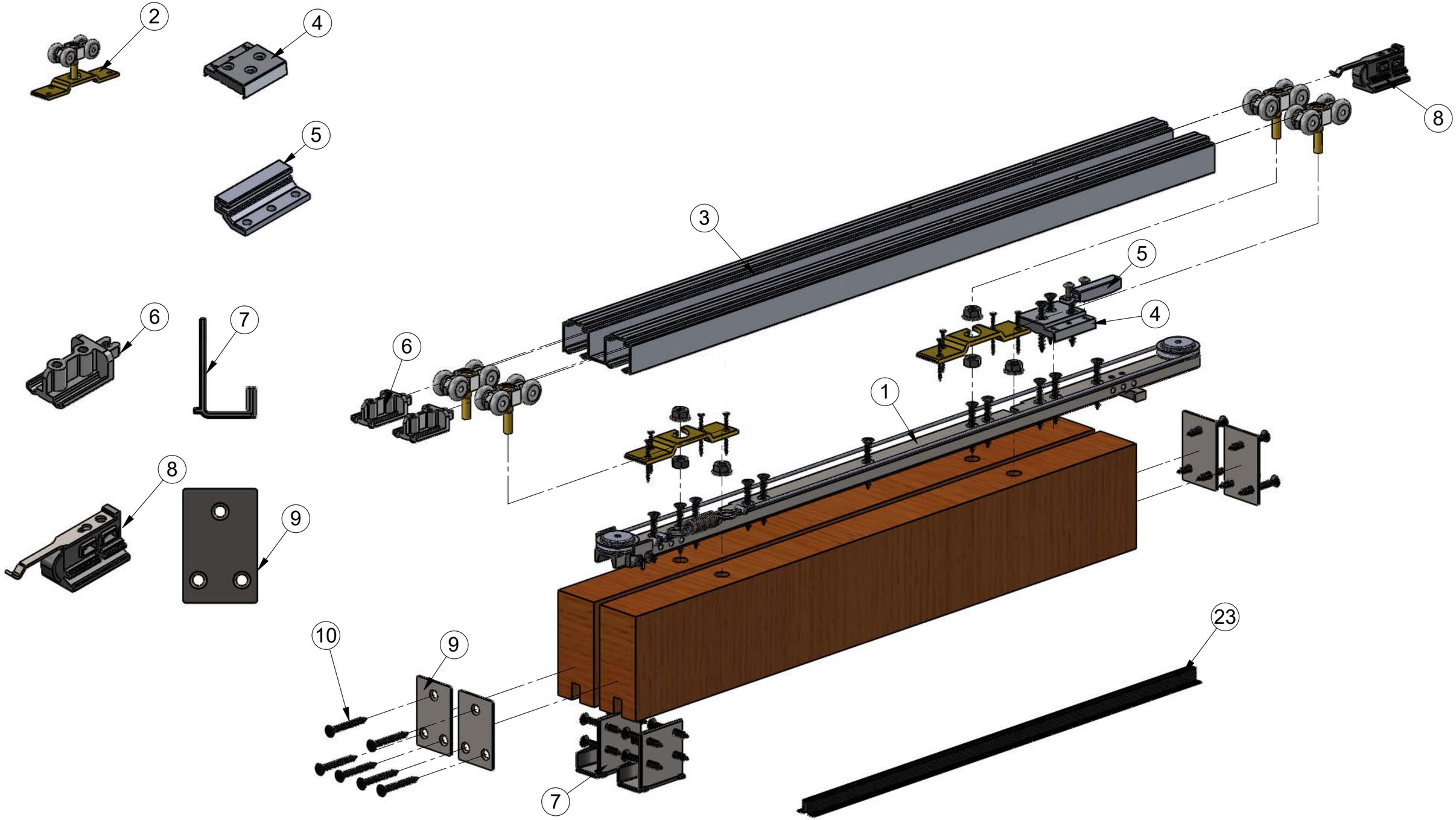
# Step 1. Installation Requirement

1. Confirm panel preps includes the 1/4" x 9/16" mortise channel in the center at the bottom of each panel. Alternate mortise channel - 3/8" x 5/8" for fitting EPD3BL Mortise Insert
2. Verify the panels are properly sized
3. Check that all components are present in the provided kit per the components list shown below.

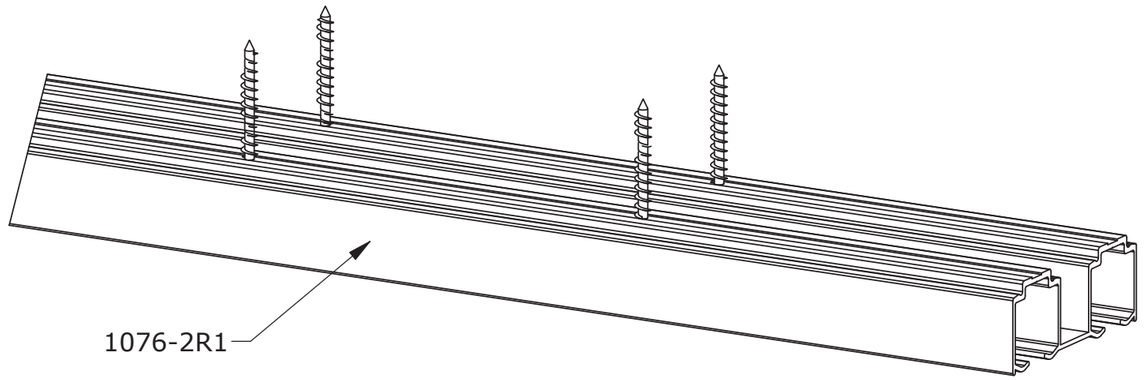
| Item | Part Description | Part Number | Quantity |
|---|---|---|---|
| 1 | Pulley Assembly | TELS-01T | 1 |
| 2 | Door Hangers w/Fasteners | H222-45 | 4 |
| 3 | Double Track | 1076-2R1 | 1 |
| 4 | Cable Rider Base | TELS-05B | 1 |
| 5 | Cable Rider Screw Attachment | TELS-05S | 1 |
| 6 | Leading Hanger In-Track Stop | TELS-14 | 2 |
| 7 | Door Bottom Guides | DBG-02 | 2 |
| 8 | Trailing Hanger In-Track Stop | TELS-21 | 1 |
| 9 | Door Bottom End Plate | TELS-23 | 4 |
| **Loose Fasteners** | | | |
| 10 | 12-8 x 1-1/2” #10 Black Screw | PBS12150SP10BL24 | 48 |
| 11 | SPARE 6-32 x5/16 SET SCREW | SET632031BL | 2 |
| **Tools** | | | |
| 12 | Hanger Wrench | WRENCH14 | 2 |
| 13 | 1/16” Allen Key | 1/16ALLEN | 1 |
| **May Include the Following Optional Finish Hardware** | | | |
| 14 | Floor Bumper Stop | TELS-19 | 1 |
| 15 | Edge Pull | 880 | 1 |
| 16 | Flush Pull | 872 | 1 |
| 17 | Surface Bolt | 630-12 | 1 |
| 18 | Dust Proof Floor Strike | 570 | 1 |
| 19 | Mortise Lock | 295E | 1 |
| 20 | Floor Bumper Stop | TELS-19 | 1 |
| 21 | 1/4 - 20 Thru Bolt | TB1420BL | 2 |
| 22 | 1/4-20 x 1 Socket Head  Machine Screw | MS14100BL | 2 |
| 23 | Channel Insert | EPD3BL | 2 |




2
4
5
6
7
8
9
10
3
1
23

## Step 2. Installing Track

Install the Double Track (1076-2R1) level and centered on the header with up to forty five (30) #8 fasteners (not provided). Choose fasteners appropriate for the header material and install on 12” spacing per the pre-punched holes



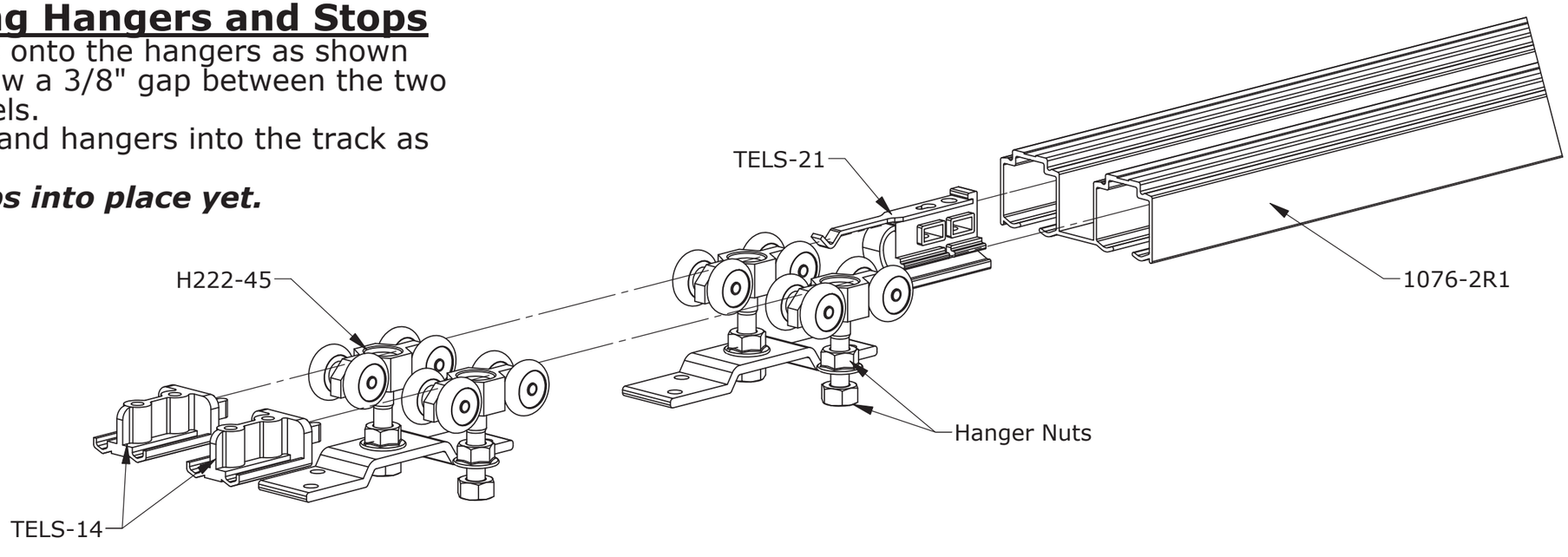

**Note:**

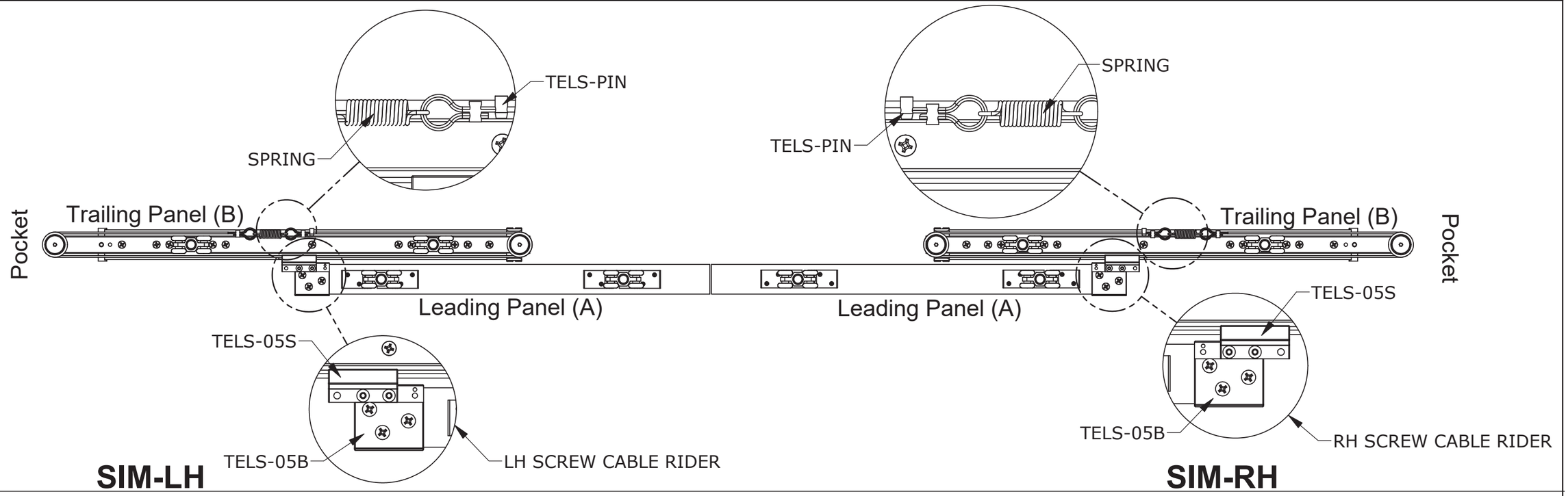
1. If using Bi-Parting System use Center Splice Bracket (1076-2SPLKIT) between the two (2) pieces of track
2. If using surface mounted finish hardware it may be necessary to offset the track on header for pocket clearance
3. Each pre-drilled fastener hole from the manufacturer should be utilized
4. Be sure to leave three (3) inches of open space to the interior of the pocket to allow for track hardware to be installed and removed as needed. Trim the track if necessary.

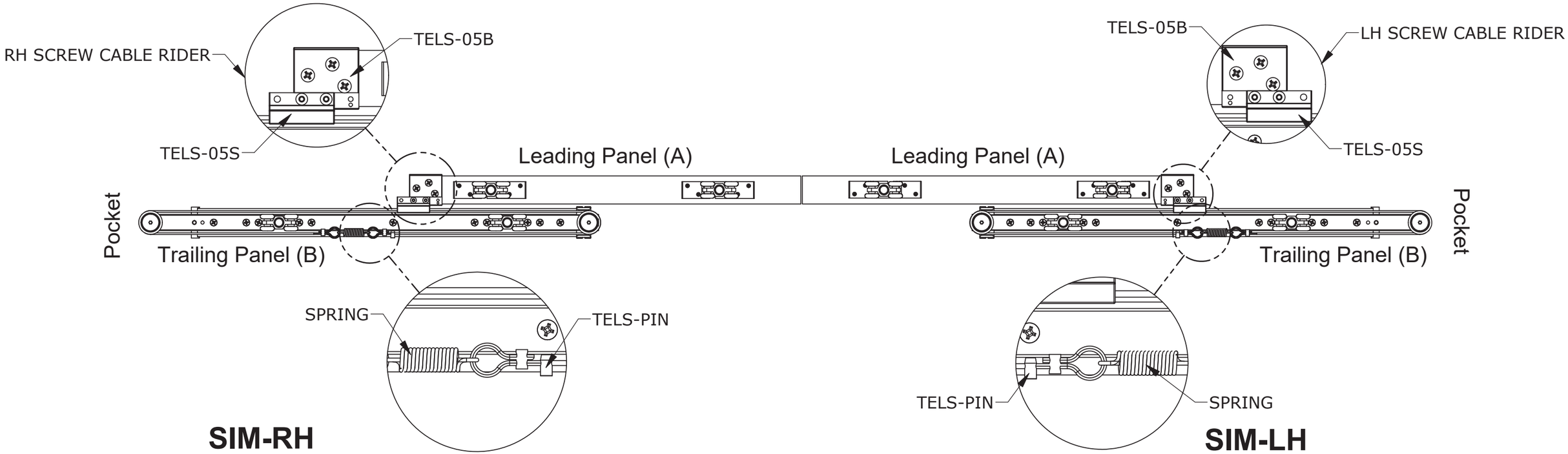
## Step 3. Inserting Hangers and Stops

1. Install hanger nuts onto the hangers as shown below. Be sure to allow a 3/8" gap between the two nuts for hanging panels.
2. Install track stops and hangers into the track as shown

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



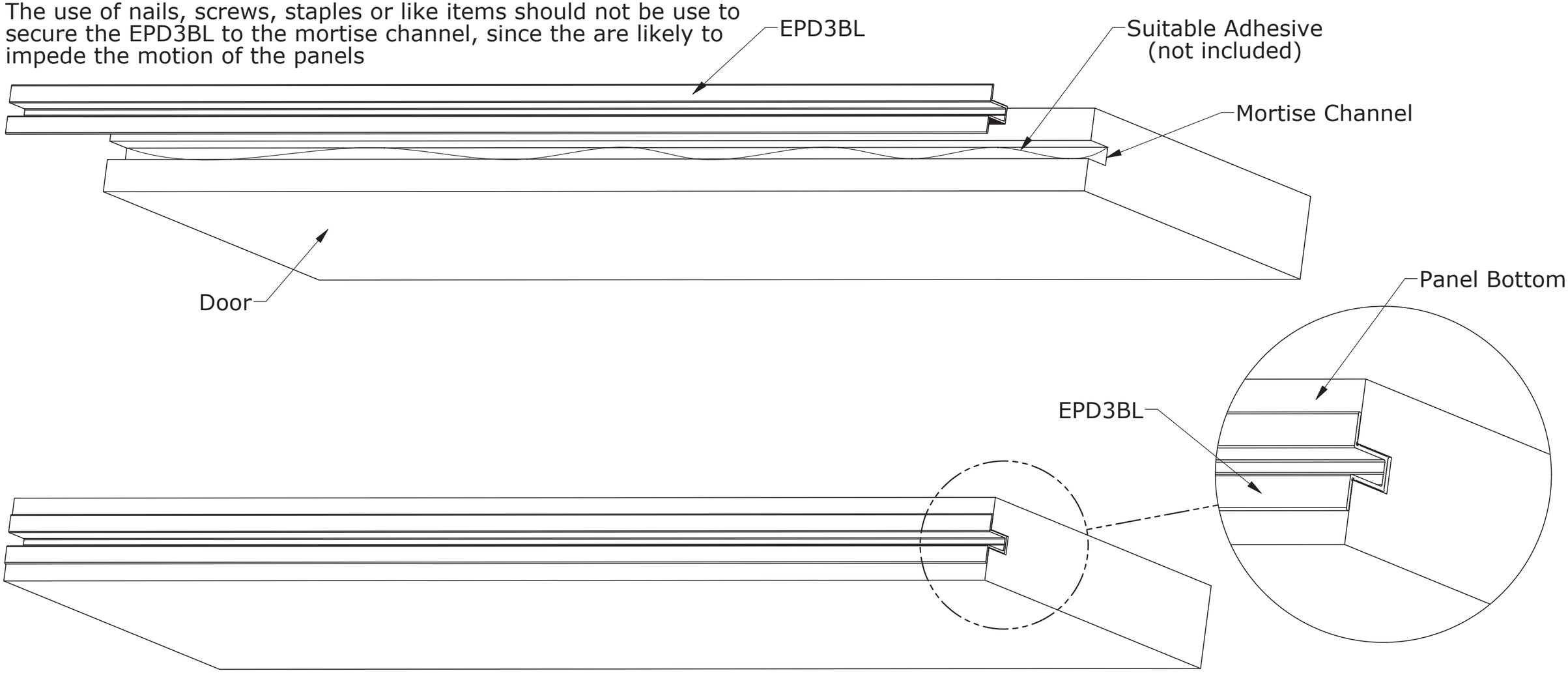

TELS-PIN
SPRING
Trailing Panel (B)
Pocket
Leading Panel (A)
TELS-05S
TELS-05B
LH SCREW CABLE RIDER
SIM-LH
SPRING
TELS-PIN
Trailing Panel (B)
Pocket
Leading Panel (A)
TELS-05S
TELS-05B
RH SCREW CABLE RIDER
SIM-RH


RH SCREW CABLE RIDER
TELS-05B
TELS-05S
Leading Panel (A)
Pocket
Trailing Panel (B)
SPRING
TELS-PIN
SIM-RH
TELS-05B
LH SCREW CABLE RIDER
TELS-05S
Leading Panel (A)
Pocket
Trailing Panel (B)
TELS-PIN
SPRING
SIM-LH

## STEP 4. Installing EPD3BL (Optional)

1. Cut each EPD3BL to size if necessary to match the panel width.
2. Using a suitable adhesive, apply a generous amount to the top of the mortise channel at the bottom of each panel.
3. Then position the EPD3BL into the mortise channel, making sure the EPD3BL does not extend past either edge of the panel. Be sure to make sure the EPD3BL is resting securely on the bottom of the panel.

**Note:**
The use of nails, screws, staples or like items should not be use to secure the EPD3BL to the mortise channel, since the are likely to impede the motion of the panels



## STEP 5. Determine Handing

Determine which panel will be the Leading Panel (A) and Trailing Panel (B) to leave the pocket. Then determine SIM Handing of the Sliding Door System based on the handing page.(SIM-RH & SIM-LH)

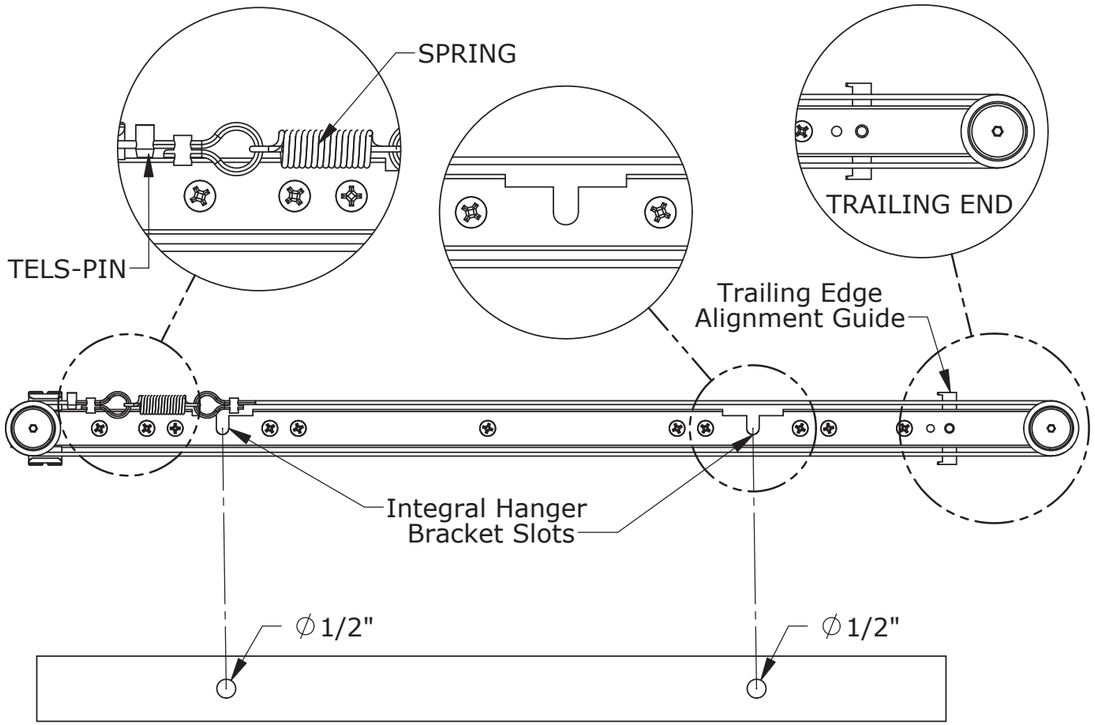
## STEP 6. Drilling Relief Holes

Use the TELS-01T Assembly bar as a template to prep for the Hanger relief holes.

1. Position the TELS-01T centered on the top of the lead panel. Utilize the Trailing Edge Alignment Guide on the underside of the TELS-01T Assembly Bar so that it's flush with the trailing door edge. Using the Integral Hanger Bracket Slots as a template to mark for (2) ∅1/2" x 1/2" deep relief holes.
2. Drill relief holes using a 1/2" drill bit.
3. Repeat this process on the other panel.

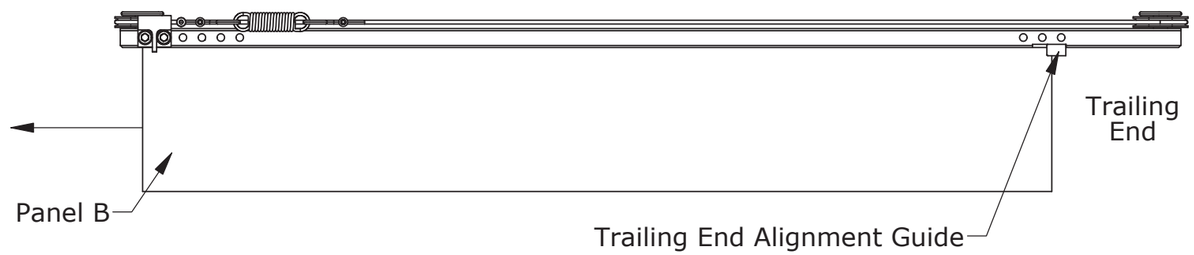
## Note:

These holes will line up with the hanger bolts and allow for more adjustment when leveling the doors.




## STEP 7. Installing TELS-01T Assembly Bar

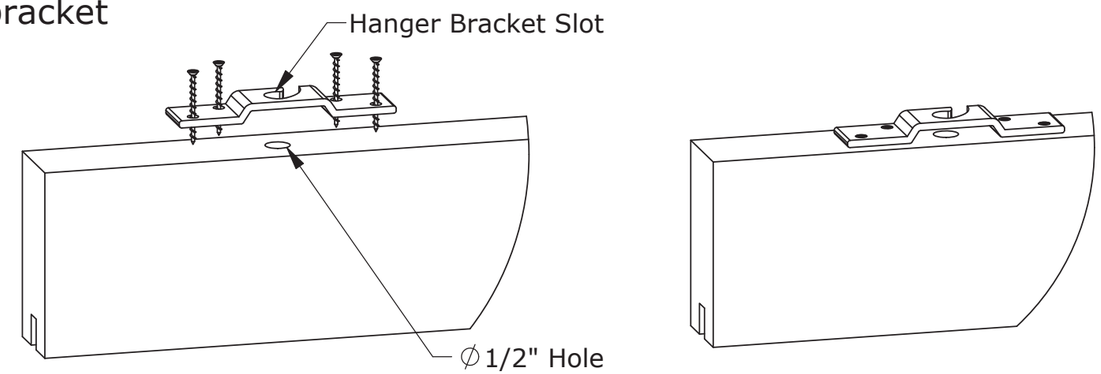
1. Mark panel B to drill pilot holes using the TELS-01T Assembly Bar as a template. (The TELS-01T is mounted to the middle panel B only)
2. Position the TELS-01T centered in the width of middle panel, making sure the Trailing Edge Alignment Guide on the underside of the TELS-01T Assembly Bar is flush with the door edge as shown below.
3. Drill mounting holes using a #28 or 9/64" drill bit.
4. Use the 1-1/2" wood screws (PBS12150SP10BL) to secure the TELS-01T Assembly Bar to the top of panel B.




## STEP 8. Installing Hangers

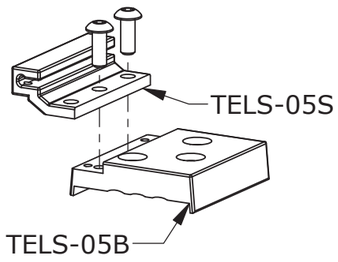
1. On panel A, position the hanger brackets so that the opening of the Hanger Bracket Slots are facing in the same direction as the Integral Hanger Bracket Slots on the TELS-01T Assembly Bar.
2. The slot should line up with the 1/2" diameter holes on the top of the panels.
3. Mark and drill 1/8" pilot holes for each hanger mounting holes.
4. Install the two (2) hanger brackets on the panel using four (4) #8 x 1 1/4" screws for each bracket.

**Note:** The pre-drilled hole from Step 5 should line up with the hanger bracket



## STEP 9. Screw Cable Rider

1. Attach the TELS-05S to the other TELS-05B based on handing of the SIM System. Proper orientation of the TELS-05S and TELS-05B can be found below.
2. Once the orientation is finalized, use the two (2) #10-24 x 3/8" Button Head Socket Cap screws to connect the two parts to form the Screw Cable Rider.
3. Position the Screw Cable Rider on the top of the Trailing Panel (B). The Screw Cable Rider should be flush with the trailing edge and the head facing towards Trailing Panel (B).
4. Using the mounting holes of the TELS-05B as a template, mark and drill the three (3) holes using a #28 or 9/64" drill bit.
5. Secure the Screw Cable Rider using three (3) 1-1/2” wood screws.



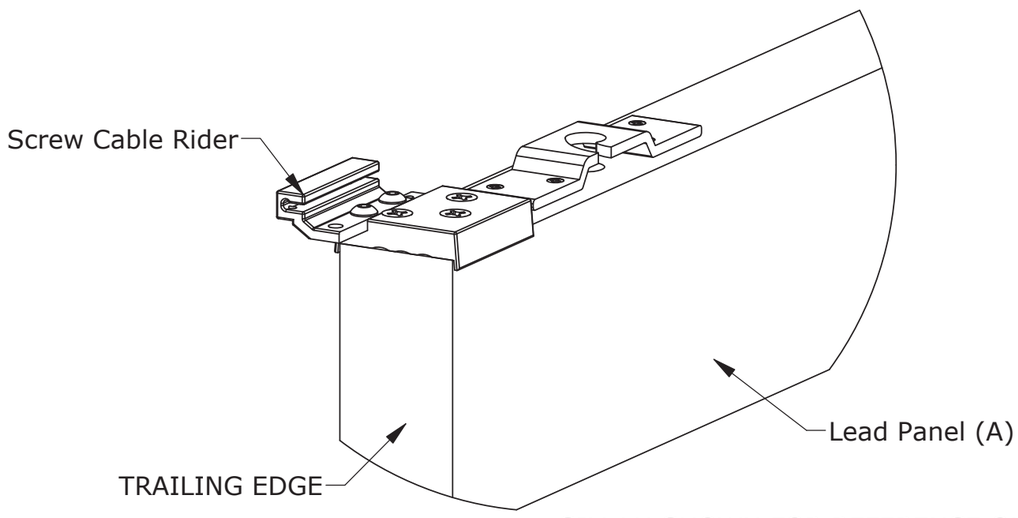




SCREW CABLE RIDER
(SIM-LH ORIENTATION)



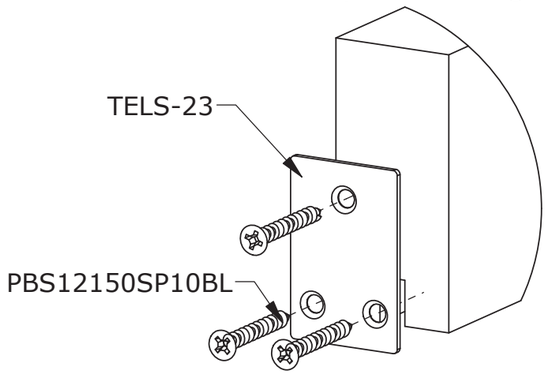

SCREW CABLE RIDER
(SIM-RH ORIENTATION)

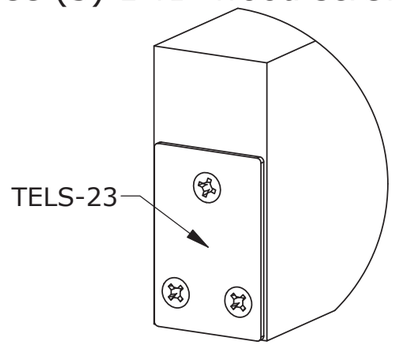



SIM-LH SHOWN FOR REFERENCE ONLY

## STEP 10. Installing End Plates

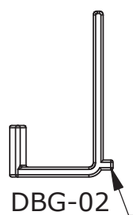
1. Position the Door Bottom End Plates (TELS-23) on the trailing edge of all panels as shown. Make sure they are centered in the panel thickness and flush with the bottom edge of the panel.
2. Using the end plate as a template, mark the mounting holes and drill using a #28 or 9/64” drill bit.
3. Install each end plate using three (3) 1 ½” wood screws.

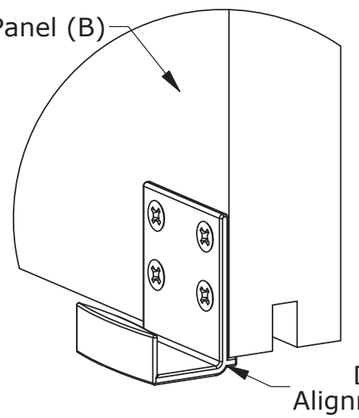


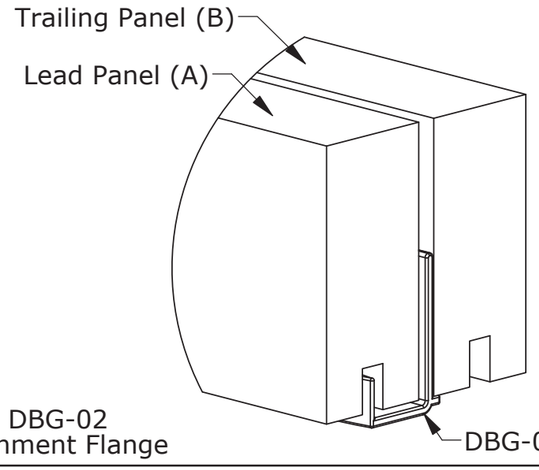




## STEP 11 Installing Door Bottom Guide

1. Position the Door Bottom Guide (DBG-02) flush with the leading edge on the inside face of the Trailing Panel (B) as shown below.
2. Ensure proper fit of the DBG-02 to the bottom of the panel, making sure the alignment flange on the back of the DBG-02 is on the bottom of the panel.
3. Using the mounting holes as a template, mark and drill pilot holes 1 3/8" deep using a #28 or 9/64" drill bit.
4. Secure each DBG-02 with four (4) 1 1/2” screws as shown.

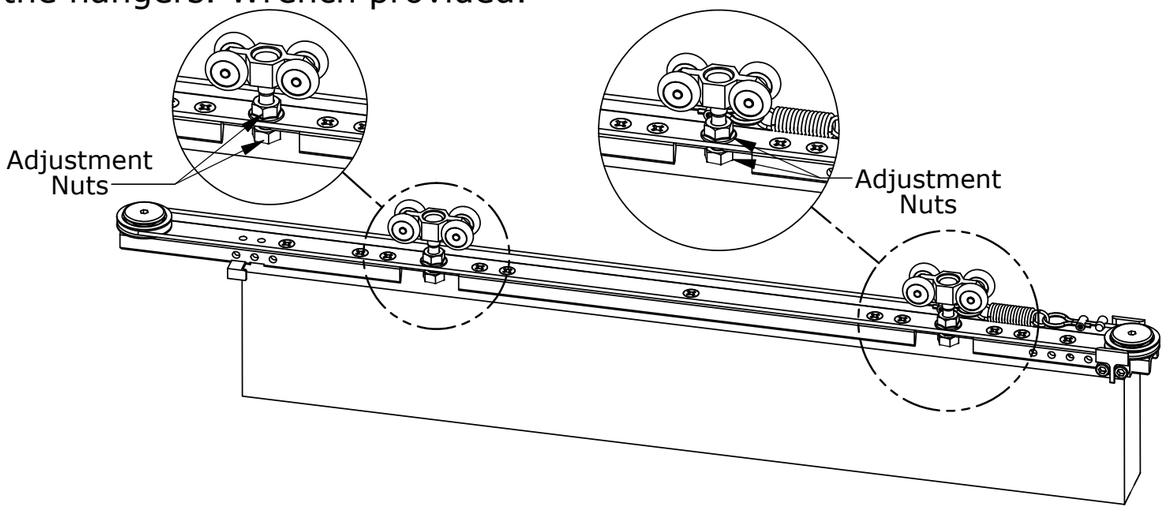


## STEP 12. Hanging Panels and Adjusting Hangers

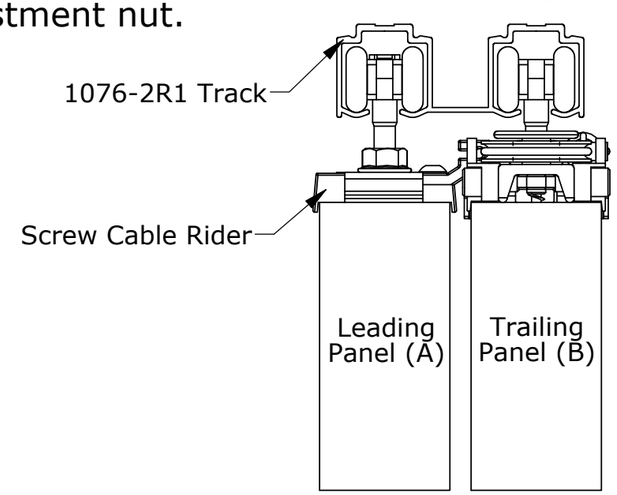
1. Hang Trailing Panel (B) onto hangers in the track
2. Adjust the height and level panels using the adjustment nuts on the hangers. Wrench provided.




**NOTE:** Be sure the cable from the pulley assembly is not caught up by the hangers while hanging this panel. You may hold the cable free from entanglement during installation to clear the hanger bolt.

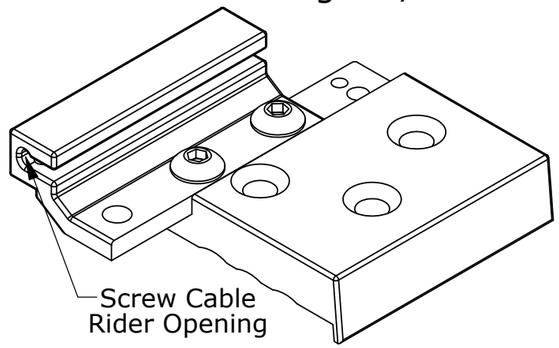
## STEP 13. Hanging Panels

1. Hang the Leading Panel (A) then level using the adjustment nuts.
2. Once both panels are at the desire height and leveled, tighten the top adjustment nut.

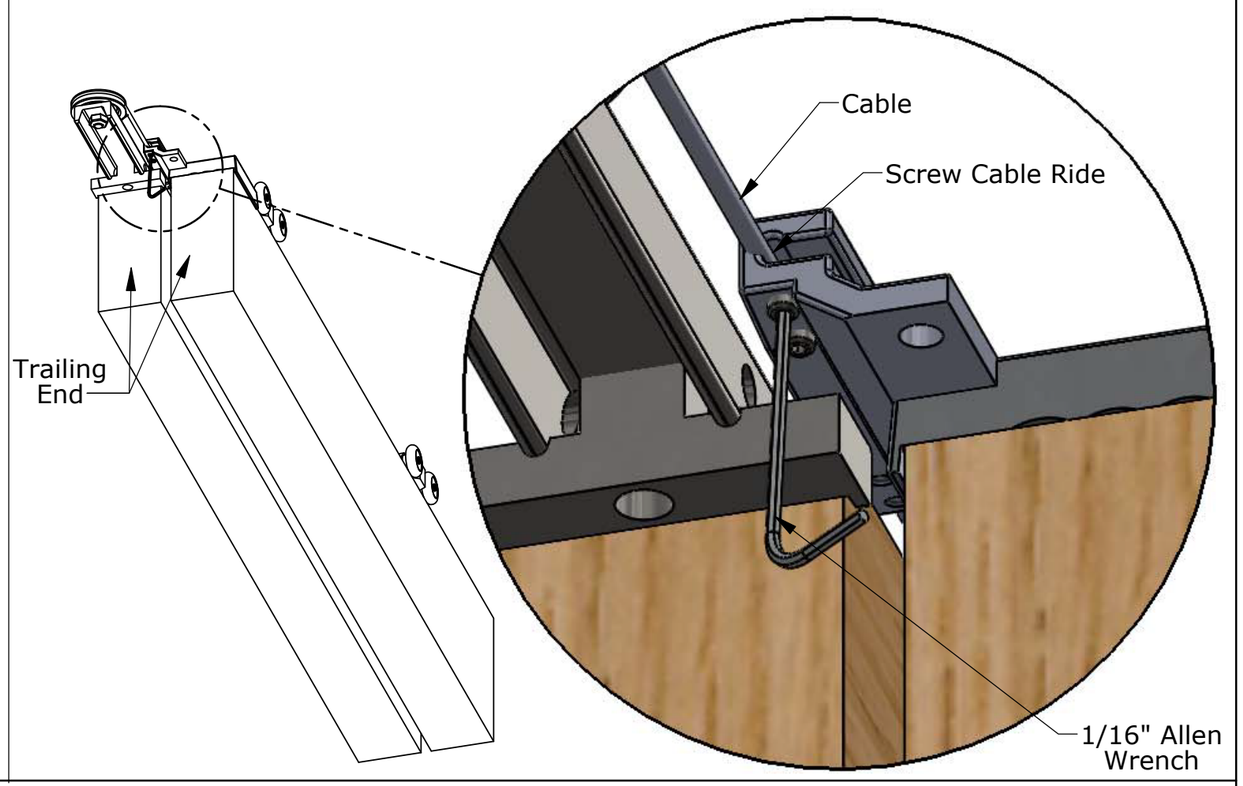



## STEP 14. Installing Screw Cable Rider

1. Make sure all panels are Flush and Aligned with each other
2. At the back of the Leading Panel (A), lift the cable so that it fits inside the Screw Cable Rider opening
3. Be sure the cable is seated completely in the opening of the Screw Cable Rider. Tighten the set screws that will hold the cable to the Screw Cable Rider using a 1/16” Allen key.

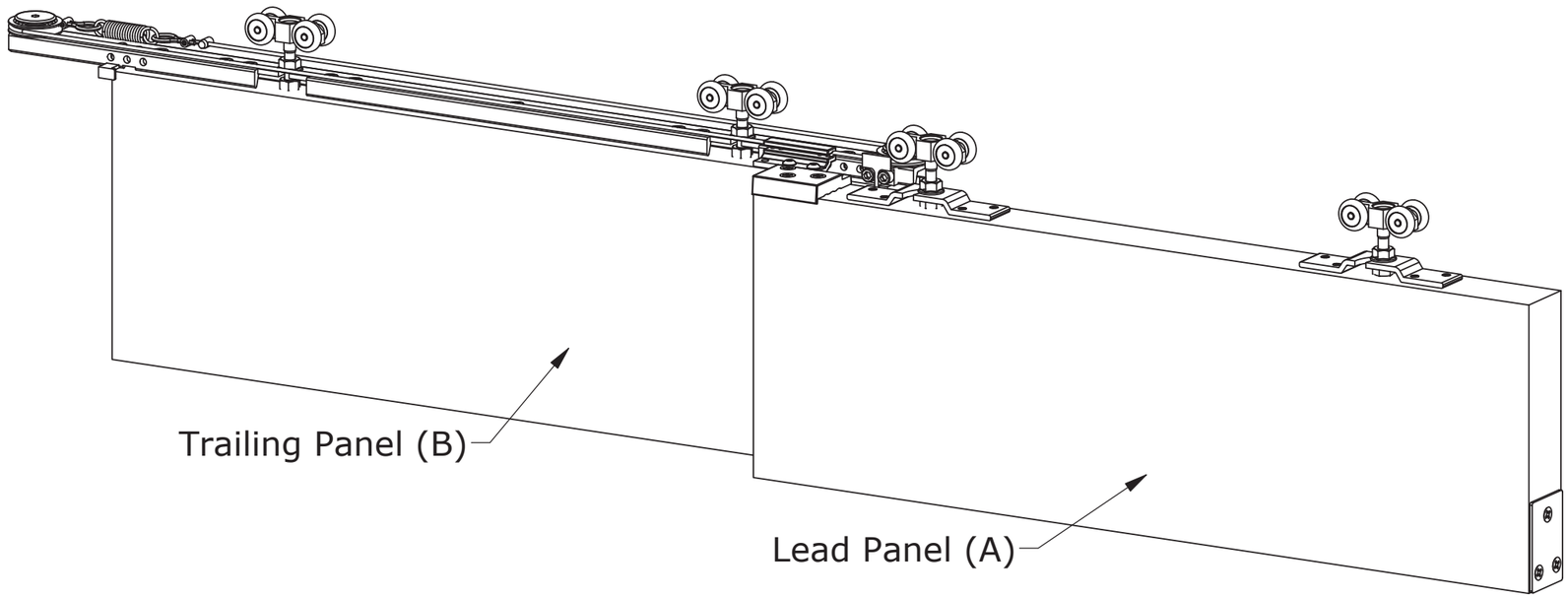



**Screw Cable Rider is shown as SIM-LH for Illustration purpose only**



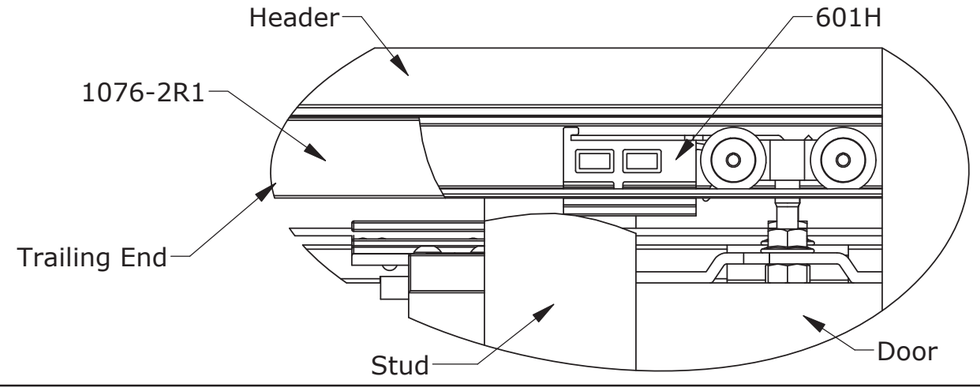
## STEP 15. Testing the SIM250 System

While holding the Trailing Door stationary, check for proper and smooth operation of the SIM250 system by pulling on the Leading Panel. Adjust system if necessary.



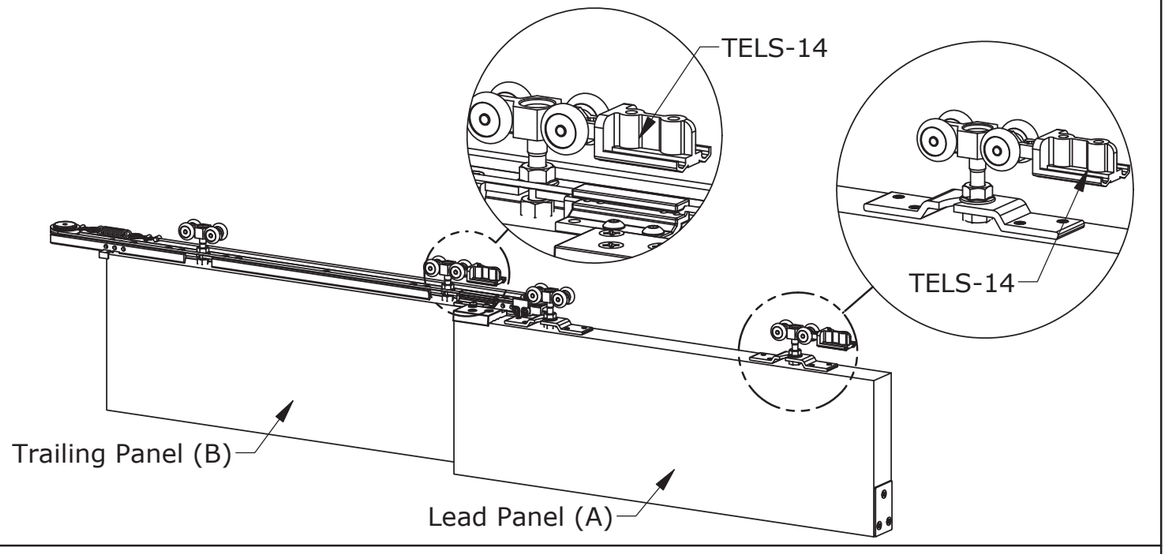

## STEP 16. Installation of 601H

1. Move the panels into their holding position. At this point the back H222-45 hangers on panel A should be in contact with the Trailing Hanger In-Track Stops (601H). This positions the 601H hangers in their proper position .
3. Gently pull all panels forward and tighten the 601H Stops by tightening the screws.
4. Check to see that the 601H hangers did not move.
(A portion of the 1076-2R1 track was removed from the image for clarity



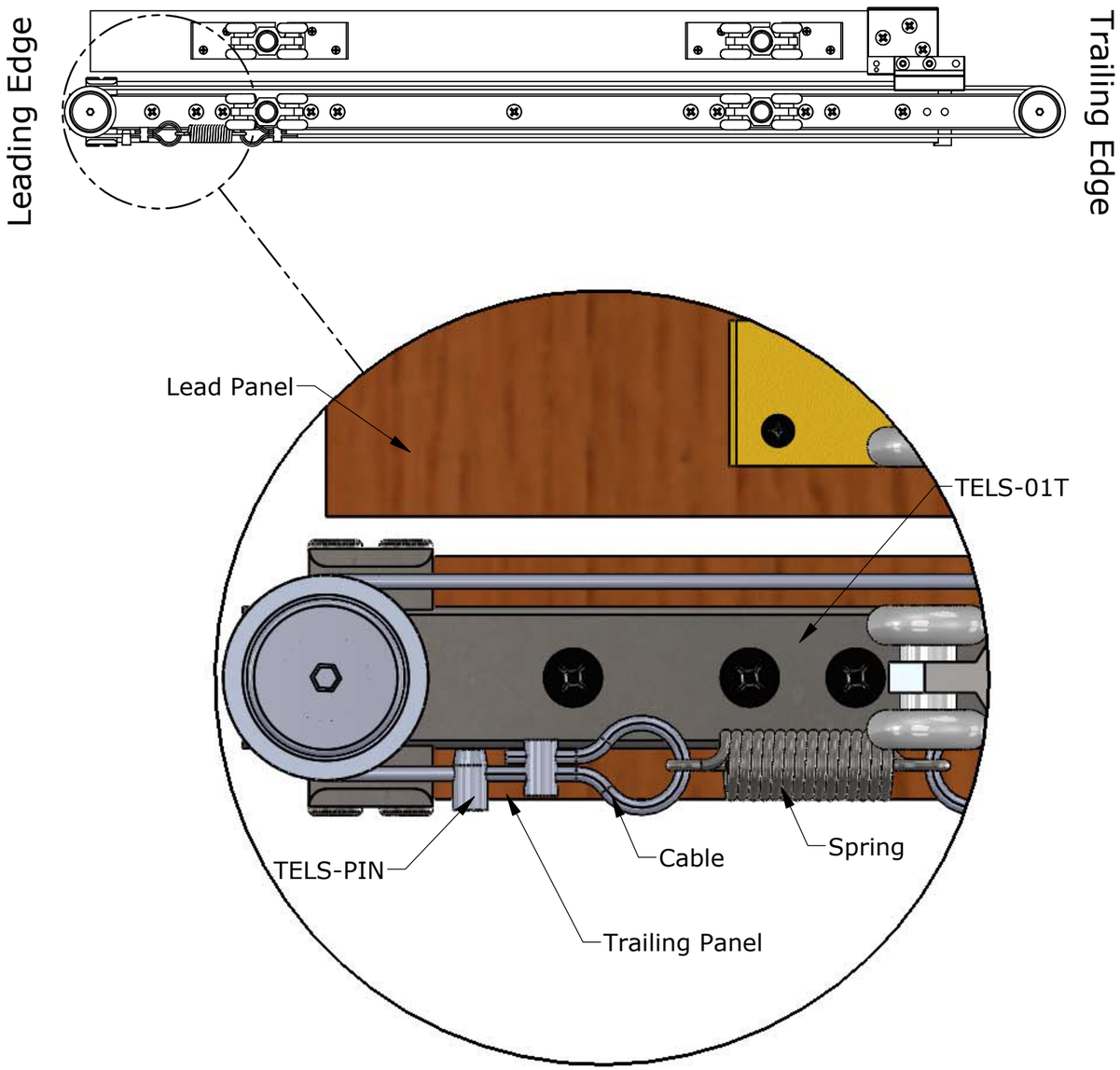

## STEP 17. Installation of TELS-14

1. Pull the panels out of the pocket to the desired extended position as shown
2. Adjust the Leading Hanger In-Track Stops (TELS-14) accordingly and tighten (The track  was removed from image for clarity)



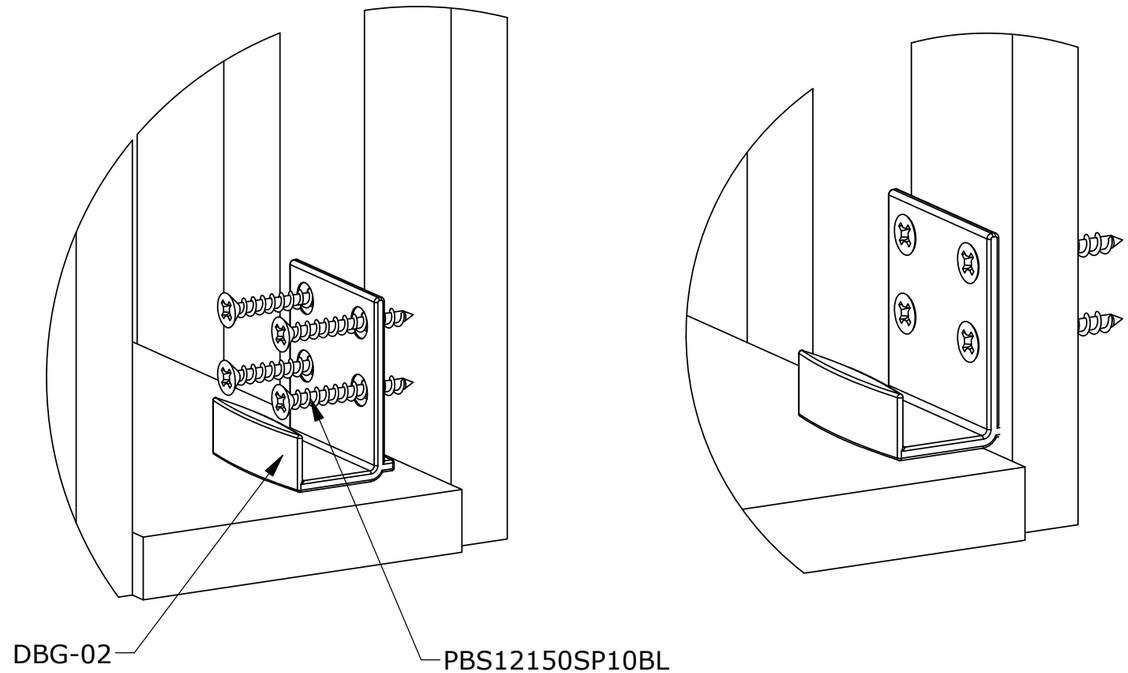
## STEP 18. Positioning TELS-PIN

1. Pull panels out of the pocket.
2. Rotate the cable on the TELS-01T until the TELS-PIN is in the position shown below. (Track was removed for clarity)




## STEP 19. Installing Wall Mounted Door Guide

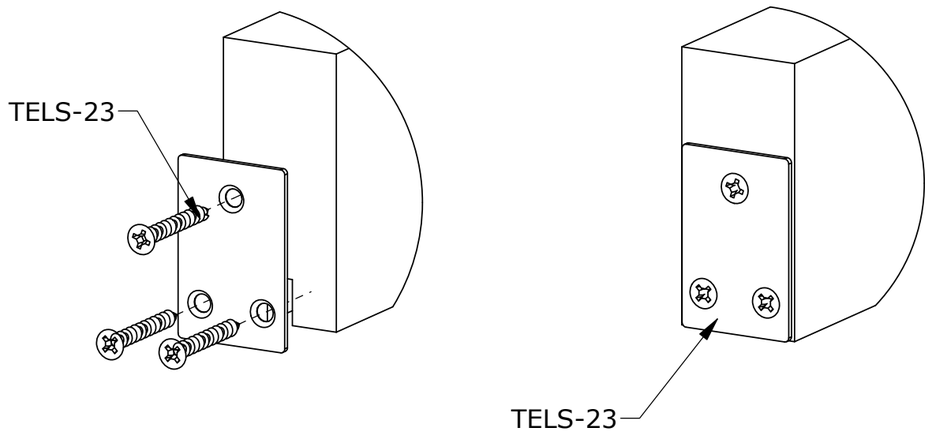
1. Move the doors entirely out of the pocket and install the Door Bottom Guide (DBG-02) for the trailing door to the wall of the pocket.
2. Using the Door Bottom Guide, mark the mounting holes and drill using a #28 or 9/64” drill bit.
3. Install the end plate using four (4) 1 ½” wood screws.




**Note:** Make sure the doors are plumb/vertical. Shim Door Bottom Guide as needed.

## STEP 20. Installing End Plates

1. Position the Door Bottom End Plates (TELS-23) on the leading edge of panels as shown.  Make sure they are centered in the panel thickness and flush with the bottom edge of the panel.
2. Using the end plate as a template, mark the mounting holes and drill using a #28 or 9/64” drill bit.
3. Install each end plate using three (3) 1 ½” wood screws.

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