



GT2150 Full Open w/Track Telescopic Slide Door
Installation Manual
P/N C-00098 Rev 6-9-22

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*Associated Manuals Part Numbers: Manual Slide Door Owner's Manual (P/N C-00189) for Decal Installation
NABCO Price Book" for Sensors, Switches, and Accessories (P/N 16-9244-30)*

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CHAPTER 1: GENERAL SAFETY RECOMMENDATIONS

WARNING

Do not install, operate or service this product unless you have read and understand the General Safety Recommendations, Warning Labels, contained in this manual. Failure to do so may result in bodily injury, or property damage.

WARNING

Read, study and understand the installation and operating instructions contained in, or referenced in this manual before operating. If you do not understand the instruction, ask a qualified technician. Failure to do so may result in bodily injury, or property damage and will nullify all warranties.

WARNING

For Indoor use only.

CAUTION

If the door appears broken or does not seem to work correctly, it should be immediately removed from service until repairs can be carried out or a qualified service technician is contacted for corrective action.

Notice: This manual, the owner's manual and all other associated manuals must be given to and retained by the purchasing facility or end user.

CHAPTER 2: SCOPE

SECTION 2.1: To the Installer

The purpose of this manual is to familiarize the installer and purchaser with the proper installation and operation of this system. It is essential that this equipment be properly installed and operational before the door is used by the public. It is the installer's responsibility to inspect the operation of the entrance system to be sure it complies with any applicable standards. In the United States, ANSI Standard 156.10 covers the GT-1175 Slide Door System and ANSI Standard Z97.1 covers Glass Installation. Other local standards or codes may apply. Use them in addition to the ANSI standard. The GT-1175 is listed with the Underwriters Laboratory and is identified as such on the label.

Instruct the building owners and operator on the essentials of the operation of the door and this device. The owner should follow these instructions to determine whether the door is operating properly and should immediately call for service if there is any malfunction. All installation changes and adjustments must be made by qualified, NABCO trained technicians.

SECTION 2.2: Objective

The GT1175 Standard Slide Door system is designed to be installed within a Rough Opening of a Building. The door function is manually operated. This manual offers step by step instructions.

CAUTION

A pedestrian Door that does not have its glass sections installed at the Factory shall specify that the glazing material employed is to comply with the requirement in UL 325 par.30.5.1:

"The glazing material in both fixed and sliding panels of all sliding doors and in all unframed swinging doors shall comply with the requirements in the Performance Specifications and Methods of Test for Safety Glazing Material Used in Buildings, ANSI Z97.1. Glazing material for other pedestrian doors shall also comply with ANSI Z97.1, except that single strength or heavier glass may be used for those portions of doors involving a glazed area of less than 1ft² (0.9 m²) and having no dimension greater than 18 in (457 mm)".

CHAPTER 3: GETTING STARTED

SECTION 3.1: Associated Manuals

For User convenience there are now (2) ways to obtain associated Manuals:

- ▶ All Associated Manuals are packed within Decal Packets that are placed inside Header.
- ▶ For Electronic copies please log onto: www.nabcoentrances.com → myNABCO portal.

SECTION 3.2: Request a User Name/Password to gain access into the “myNABCO” portal

To gain access into the “myNABCO” portal, the User must first have an assigned User Name and Password. To request a User Name and Password, the following must be done:

1. Open the NABCO Website: www.nabcoentrances.com
2. Enter the “myNABCO” portal → Request Access → Fill out the Request Access Form → Click onto Register
 - a. A User Name and Password will be emailed back to the requestor.

CHAPTER 4: BEFORE ASSEMBLING THE DOOR FRAME

SECTION 4.1: Inspect the Rough Opening

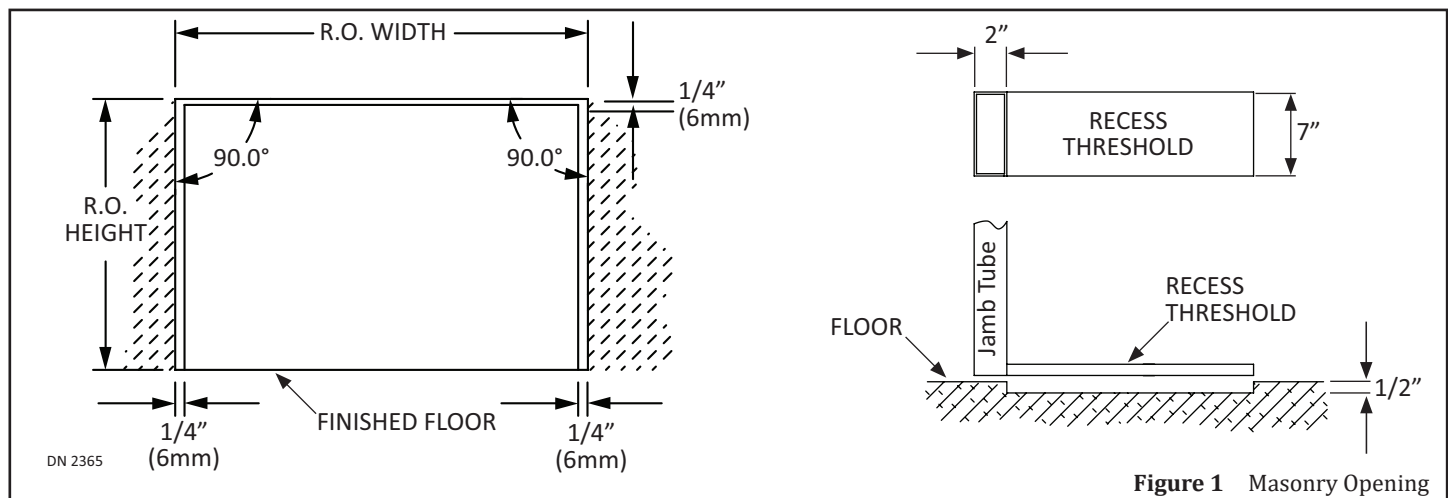


Figure 1 Masonry Opening

Note: Make allowances for tile or other existing materials that may change the floor height.

1. Ensure the Rough Opening is correct size.
 - ▶ The width of the Rough Opening should equal: **PACKAGE WIDTH + 1/4 INCH ON EACH SIDE**
 - ▶ The height of the Rough Opening should equal: **PACKAGE HEIGHT + 1/4 INCH**
2. Ensure the floor is level across the entire opening. If used, check recessed threshold across the door opening.

SECTION 4.2: Remove Header Cover

1. Go to the Header Cover (without the Notch/Long Slot). Remove (2) 10-24 x 0.625 inch Screws from the Bottom Lip.
2. Lift the Header Cover “Up” then pull it out.
 - a. Do Not remove the Header Cover with Notch/Long Slot at this time.

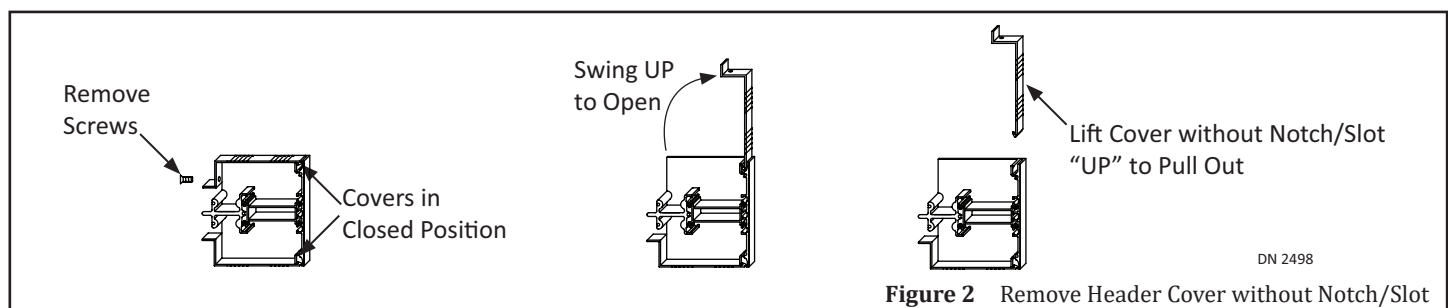
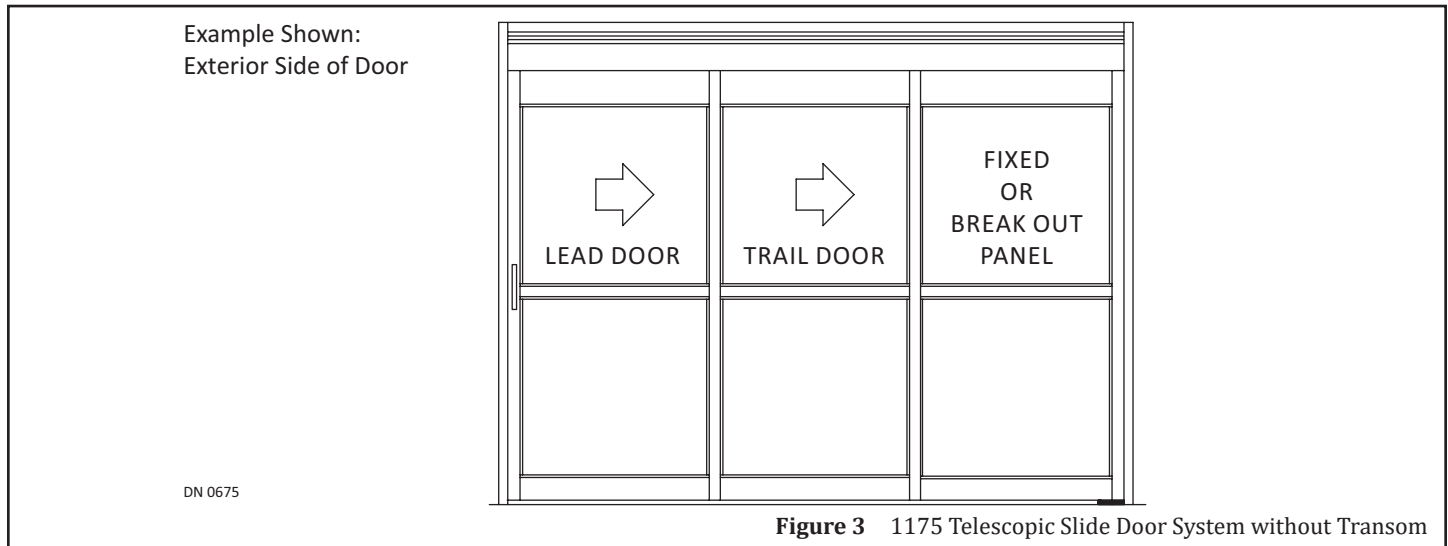
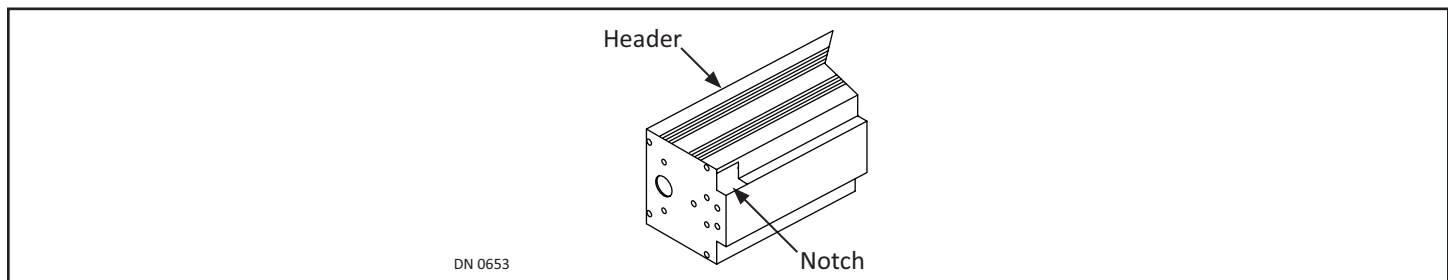


Figure 2 Remove Header Cover without Notch/Slot

CHAPTER 5: ASSEMBLE THE DOOR FRAME

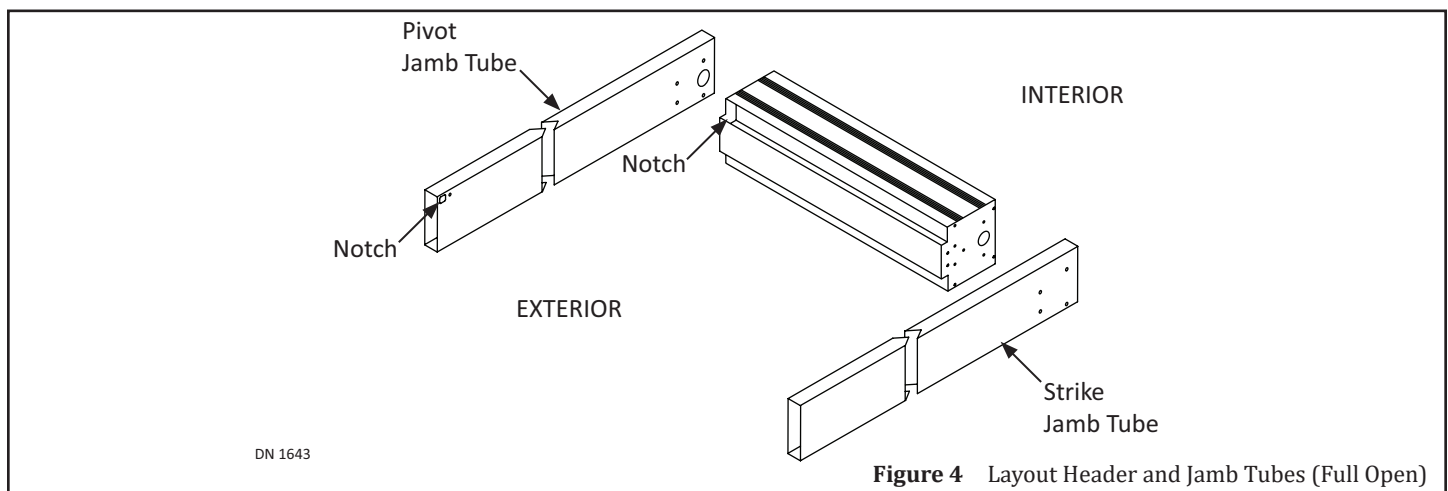


SECTION 5.1: Prepare the Door Frame



Attention: Sidelite side of Header (with Notch) must face the Exterior side of building.

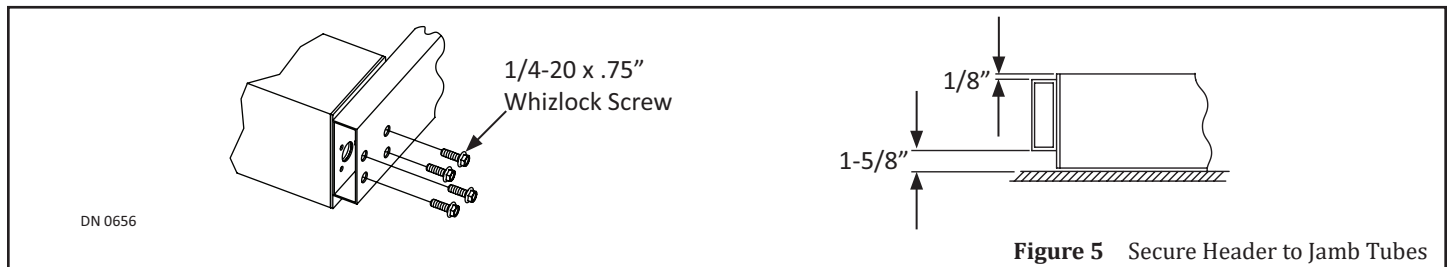
1. Place the Header on a flat surface so the Access Cover with (1) Notch, is facing "Up".
 - a. Notch in Cover is used so the Header Cover can still open after the Sidelite is broken out.



2. Lay down the Pivot Jamb Tube next to the Pivot Side of Header.
 - a. The Notch on Pivot Jamb Tube must face the inside of Door Frame and be "Up" from the floor.
 - b. Notch is used to position and secure the Bottom Pivot.
3. Lay down the Strike Jamb Tube so the inside face is positioned next to the Strike Side of Header.
4. Align pre-drilled screw holes located on Jamb Tubes with each End Cap of Header.

SECTION 5.2: Secure Jamb Tubes to Header

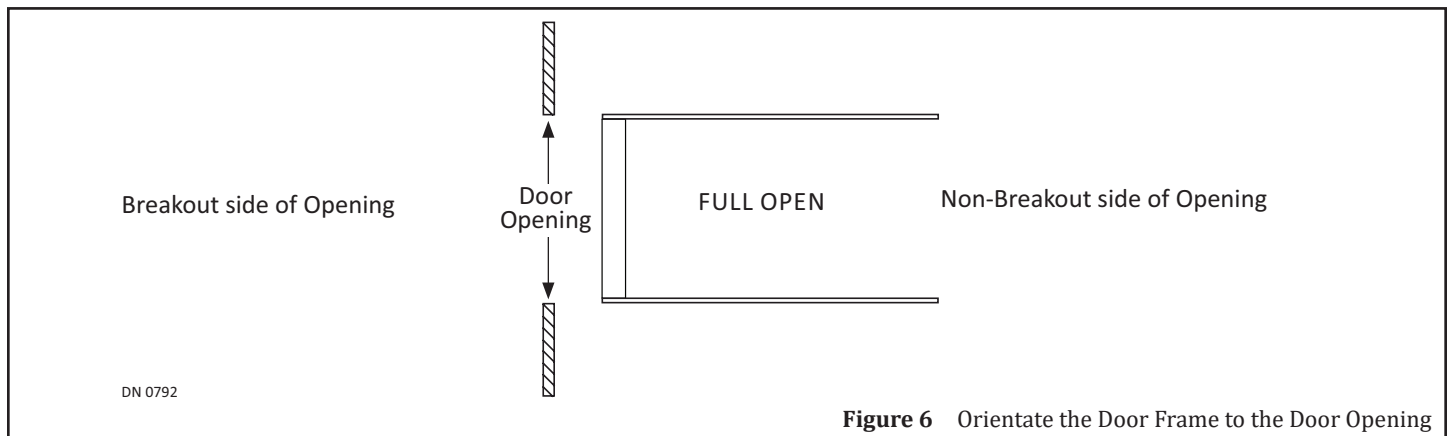
1. Secure the Header to each Jamb Tube with (8) 1/4-20 x .75 inch Screws.
 - a. If assembled correctly, the Jamb Tubes will approximately be 1-5/8 inches from the floor.



CHAPTER 6: INSTALL DOOR FRAME

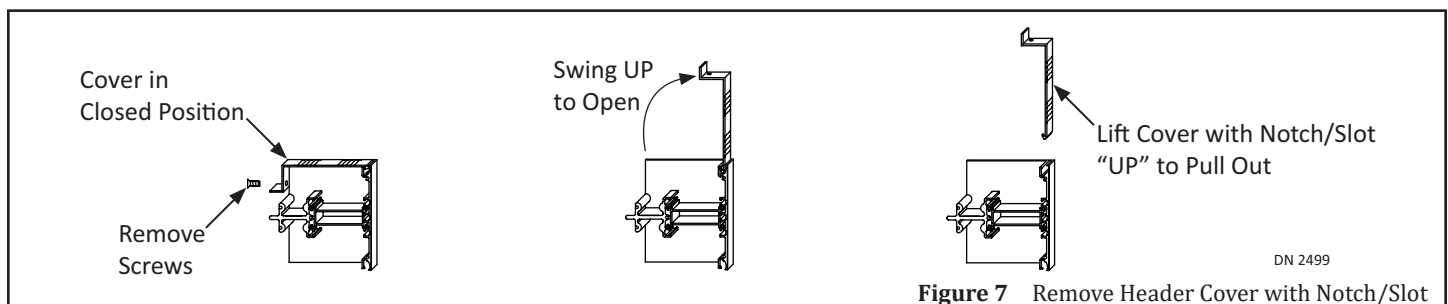
SECTION 6.1: Position the Door Frame

1. Orientate the Door Frame in relation to the building.
 - a. Sidelite Side of Header (with Notch) must face the Breakout side of building.



SECTION 6.2: Remove Second Header Cover

1. Go to the Header Cover (with Notch/Long Slot). Remove (2) 10-24 x 0.625 inch Screws from the Bottom Lip.
2. Lift the Header Cover "Up" then pull it out.



SECTION 6.3: Insert Door Frame into Rough Opening

1. Lift to position the assembled Frame into the rough opening.
2. Shim and Plumb Jamb Tubes in both planes to ensure the rough opening allows a 1/4 inch clearance.
3. Shim and plumb the Header or the Transom Horizontal at the top to ensure the rough opening allows a 1/4 inch clearance.

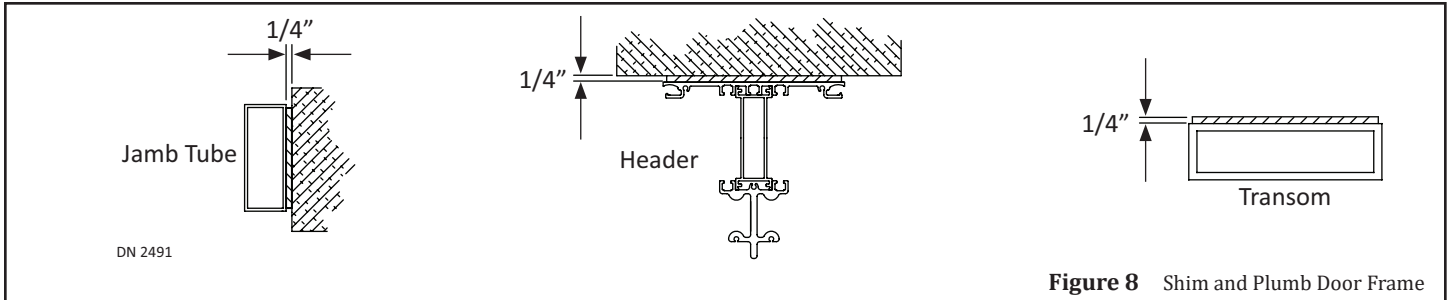


Figure 8 Shim and Plumb Door Frame

SECTION 6.4: Secure Door Frame with Anchors

- ▶ Anchors are not provided by NABCO.
- ▶ Anchors must be appropriate for the type of structure being fastened to.
- ▶ Screw in anchors to secure the Frame (per anchor manufacturer's specifications).

Note:

- It is recommended to countersink holes as required to flush the surface.
- It is recommended to drill tap threads for 1/4 inch anchors in a steel or aluminum structure.
- Do not overtighten anchors to prevent deforming Jamb Tubes.

6.4.1 Jamb Tubes

Use 1/4 inch diameter anchors with a minimum of 3 per Jamb tube, maximum is 48 inches on center. Drill 1/4 inch diameter holes in the face of Jamb and then countersink each hole.

6.4.2 Header

Note: Header anchors **must** be located next to upper Box Beam Clips (not between them).

Use 1/4" diameter anchors to secure header to building structure. First anchor must be within 36" from the end of the header. Maximum anchor spacing is 48".

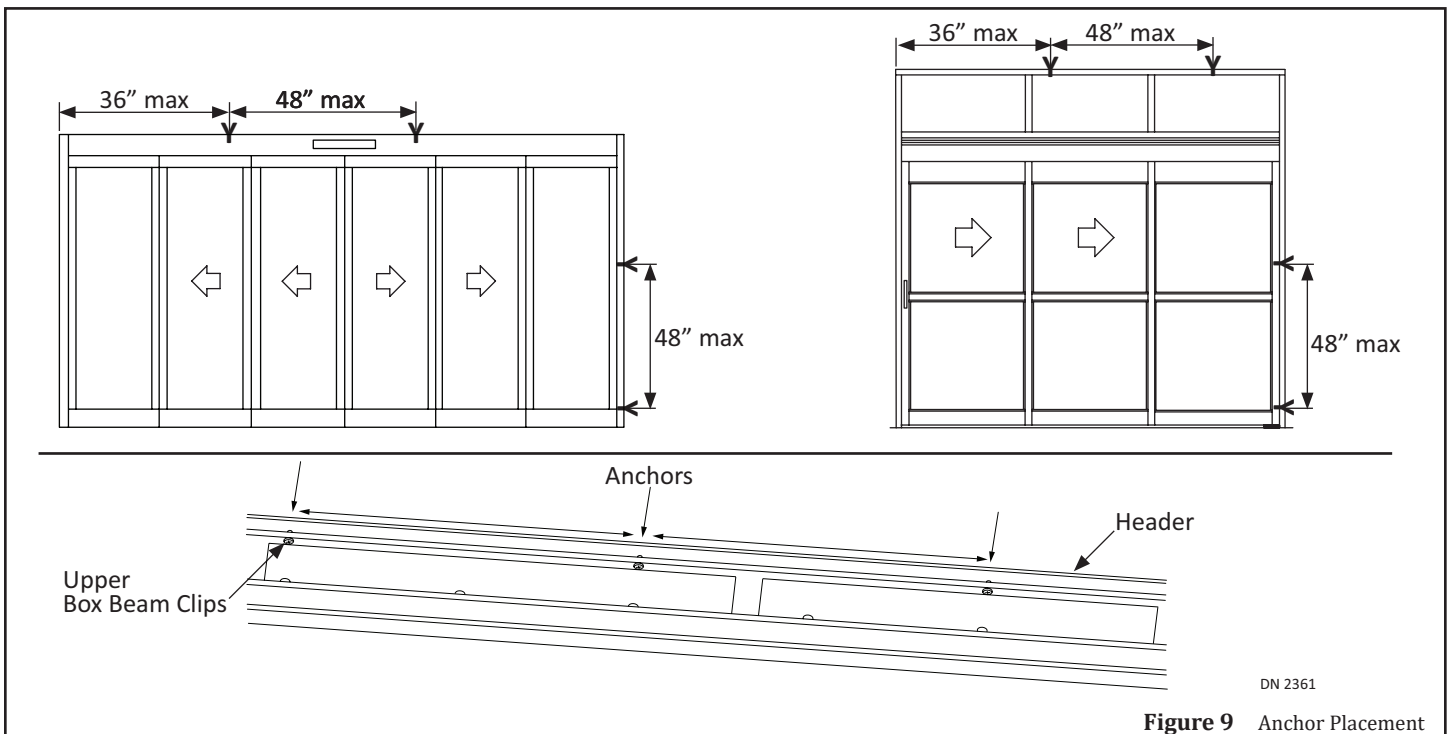


Figure 9 Anchor Placement

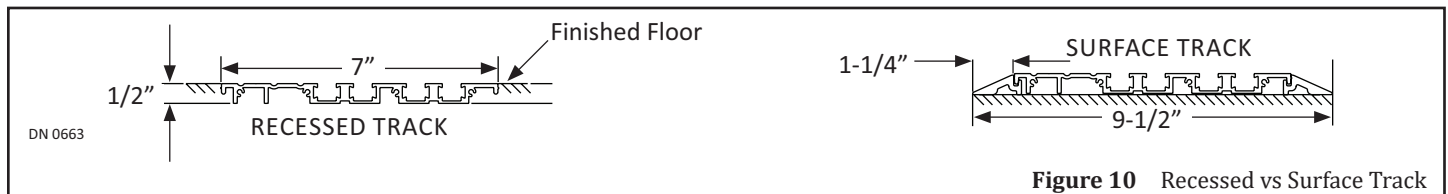
CHAPTER 7: INSTALL THE THRESHOLD

Attention: The Threshold must be laid down so the Channels are located on the side of Slide Door.

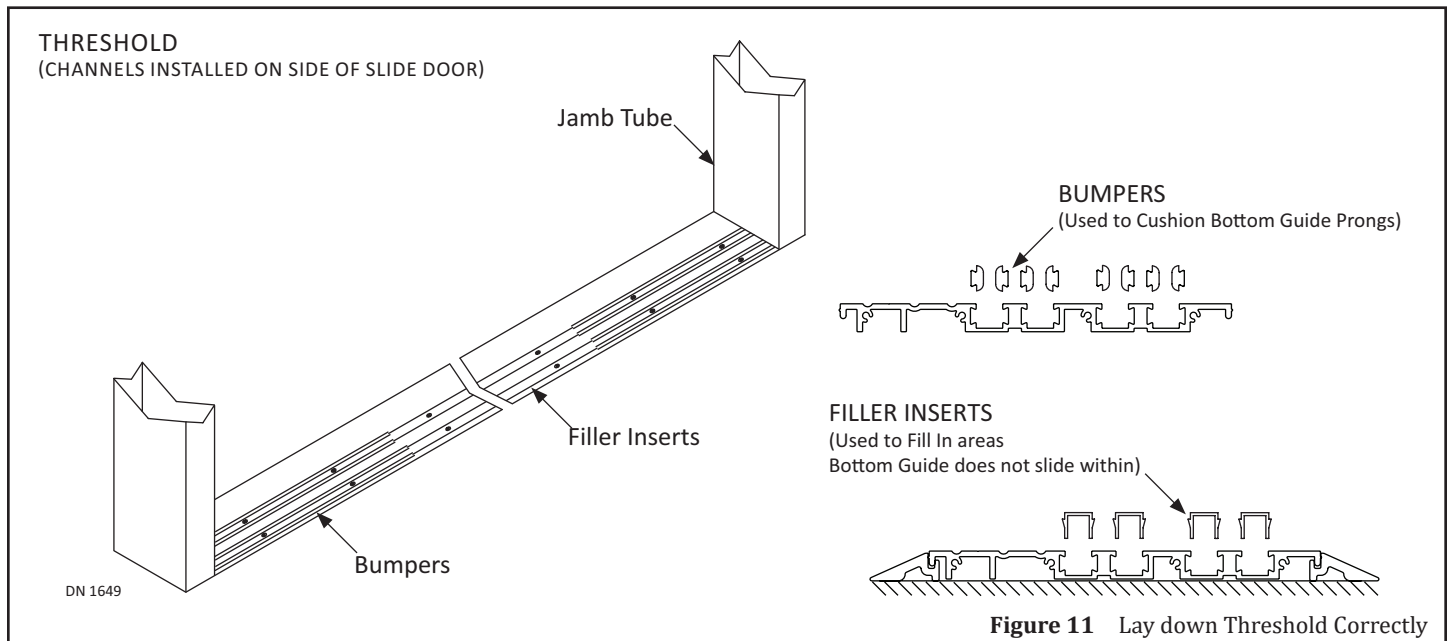
Note: Thresholds are factory cut to be the same width as the door opening. However, extending the Threshold across the entire door opening is optional. To order additional track, please contact customer service at (877) 622-2694.

Standard Thresholds vary in width and can be installed two different ways:

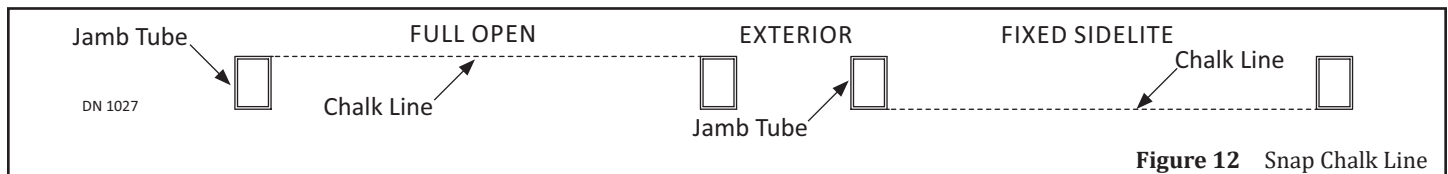
- ▶ Recessed: Installed into the floor (1/2 inch deep) across the full length of the track.
- ▶ Surface: Installed on the surface of the floor with ramps attached to both sides.



SECTION 7.1: Install the Surface Threshold



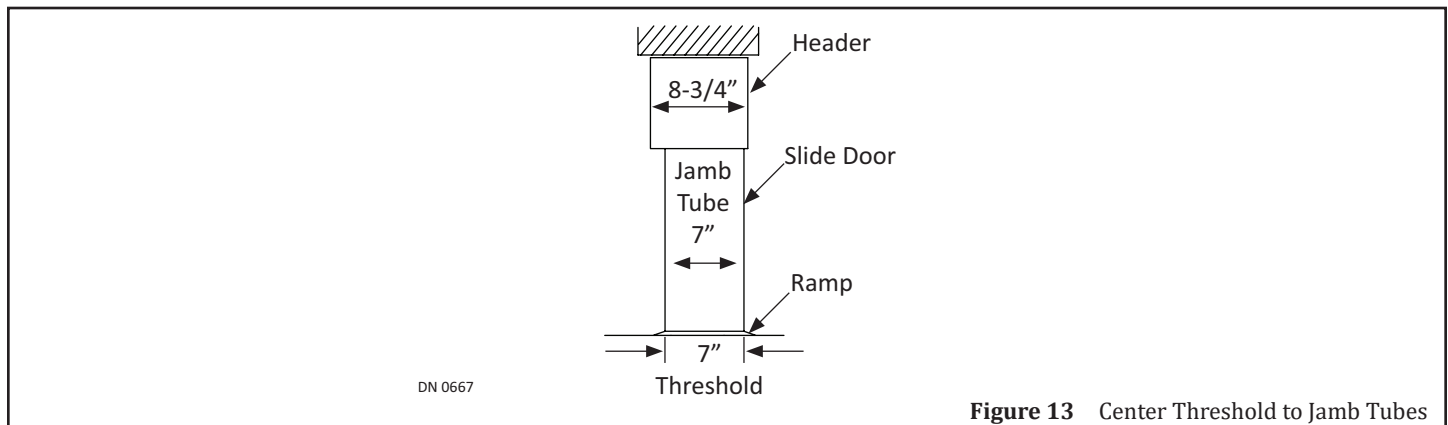
1. On the same side of Door Frame where the Sidelite will be installed, snap a chalk line on the floor from Jamb to Jamb.



Attention:

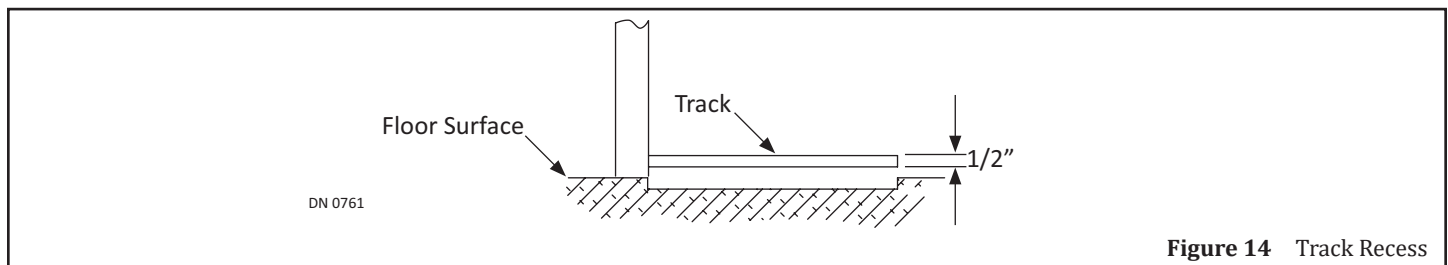
- Do Not center Surface Threshold to Header. Doing so will cause mis-alignment.
- Do not permanently install the Surface Threshold until the Slide Doors are completely installed.

2. Lay down the Threshold so the Bumper Channels are on same side of Slide Doors.
3. Ensure the Threshold is centered to Jamb Tubes, and full length is flush with the chalk line.
4. Go to the Header on the Sidelite Side of Door Frame.
5. Plumb the Floor Track by hanging the Plumb Bob from the Header (Sidelite Side). There should be a 1/8 inch overhang.

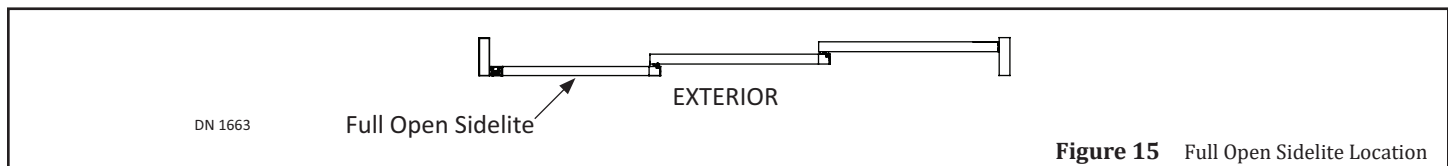
**Figure 13** Center Threshold to Jamb Tubes

SECTION 7.2: Install the Recessed Threshold

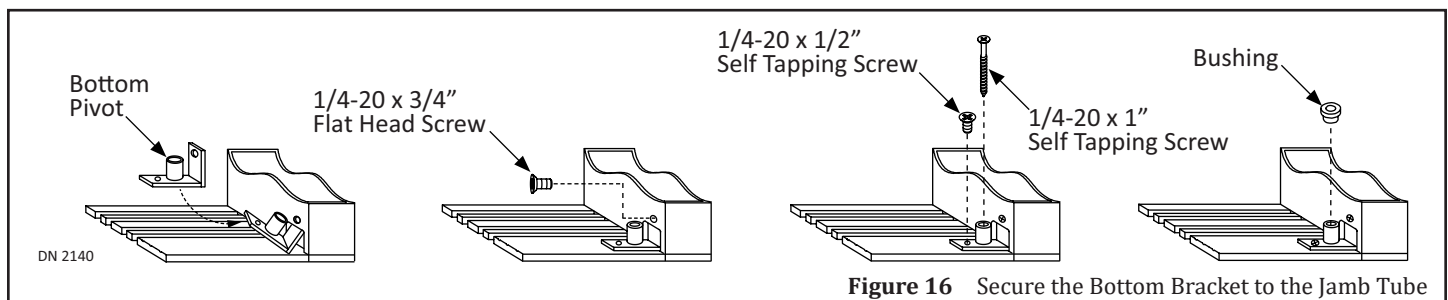
1. On the same side of Door Frame where the Sidelite will be installed, snap a chalk line on the floor from Jamb to Jamb.
2. Create a channel that is 1/2 inch deep x 7 inches wide x full length of Threshold.
3. Lay down the Threshold so the Bumper Channels are on same side of Slide Doors.
4. Ensure the Threshold is centered to Jamb Tubes, and full length is flush with the chalk line.
5. Do not permanently install the Recessed Threshold until the Slide Doors are completely installed.

**Figure 14** Track Recess

CHAPTER 8: INSTALL THE SIDELITE

**Figure 15** Full Open Sidelite Location

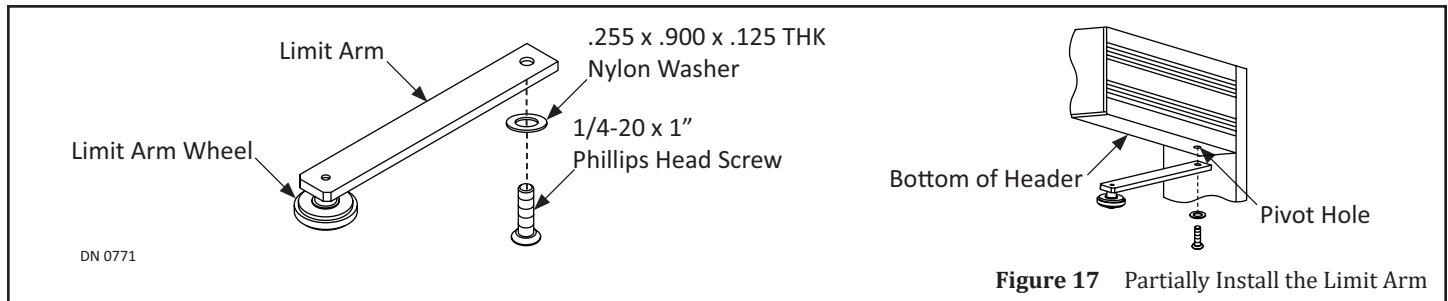
SECTION 8.1: Secure the Bottom Pivot to the Jamb Tube

**Figure 16** Secure the Bottom Bracket to the Jamb Tube

1. Secure the Bottom Pivot to the Pivot Jamb Tube with (1) 1/4-20 x 1/2 inch Phillips Head screw.
2. Locate the screw hole in front of the Barrel. Secure Floor Pivot to Threshold with (1) 1/4-20 x 1/2 inch Phillips Head Screw.
3. Insert (1) 1/4 x 2-3/4 inch Phillips Head Screw inside the Barrel. Tighten.
4. Cap the Barrel with (1) Bushing.

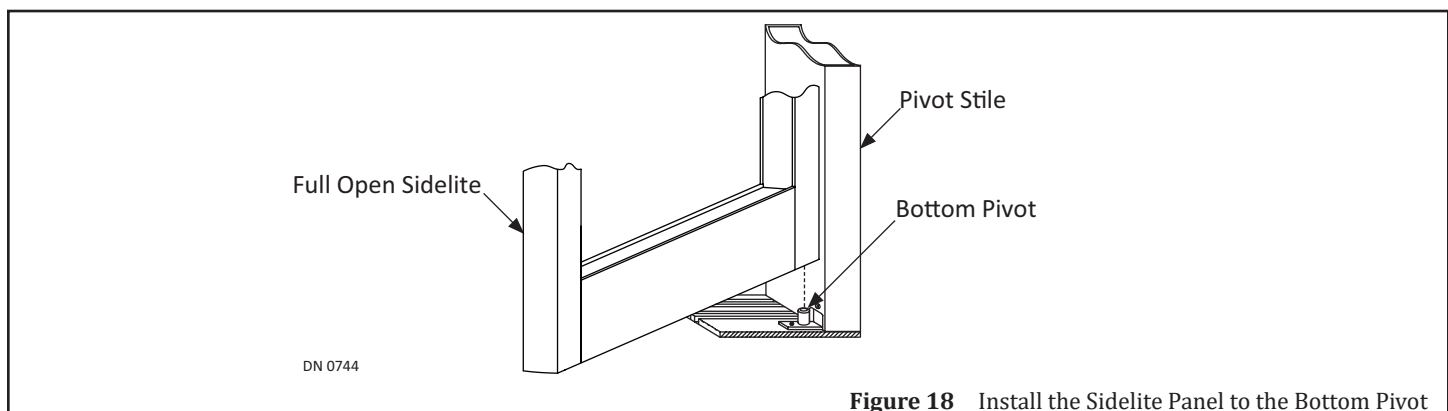
SECTION 8.2: Partially Install the Limit Arm

1. Replace the Header Cover. Slide (1) .255 ID x .900 OD x .125 THK Nylon Washer onto (1) 1/4-20 x 1 inch Screw.
2. Obtain the Limit Arm. Go underneath the end. Slide the Screw assembly "Up" into the Screw Hole.
3. Go to the pre-drilled screw hole located at the bottom Lip of Header Cover (on the Pivot Side of Sidelite).
4. Tighten the Screw just enough to keep the Limit Arm assembly from falling out of the hole.
 - a. Limit Arm installation is completed after the Full Open Sidelite is fully installed.

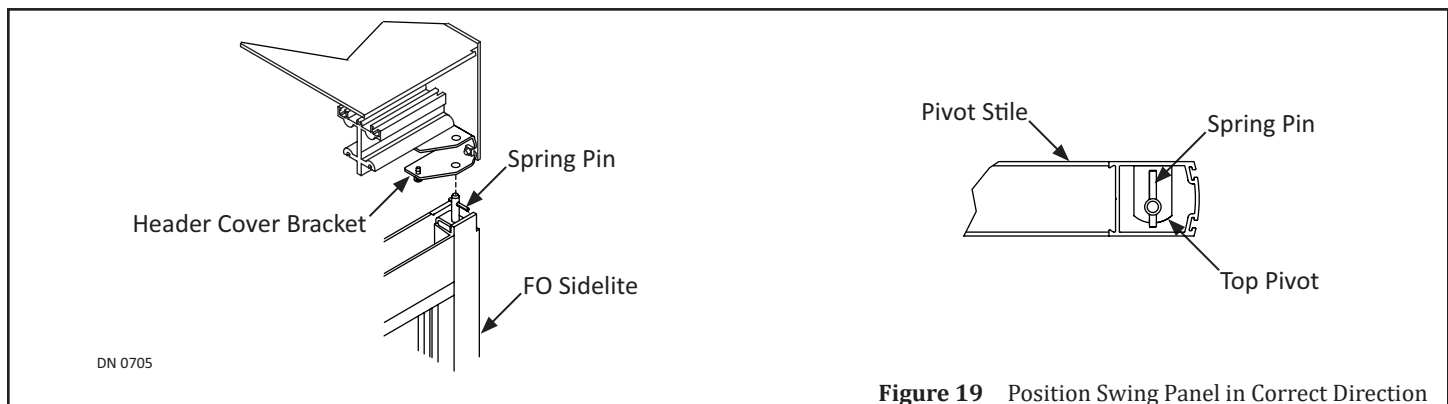


SECTION 8.3: Install the Bottom Pivot and Upper Pivot

1. Insert the Bottom Pivot (located inside the Pivot Stile), into the Bottom Pivot Barrel.



2. Go to the Top Pivot located inside the Pivot Stile. Press down on the Spring Pin to push the Top Pivot down.
3. Align the Top Pivot with the Pivot Hole located at the bottom of Header.
4. Release the Spring Pin to allow the Top Pivot to snap "Up" into the hole. Ensure the Top Pivot fully engages the hole.
 - a. If necessary, use a flathead screwdriver to lift "Up" on the Spring pin until the Pivot Pin is fully seated within the hole.
 - b. Ensure not to pinch Cable Wiring.



SECTION 8.4: Complete the Installation of the Limit Arm

1. Swing open the Swing Sidelite 90 degrees. Rest the Limit Arm inside the Top Rail.
2. Fully Open the Sidelite Panel. Fully tighten the 1/4-20 x 1 inch Screw.

SECTION 8.5: Adjust the Ball Detents

Note: Breakout resistance for Ball Detents must meet ANSI Standard A156.10 or Local Codes.

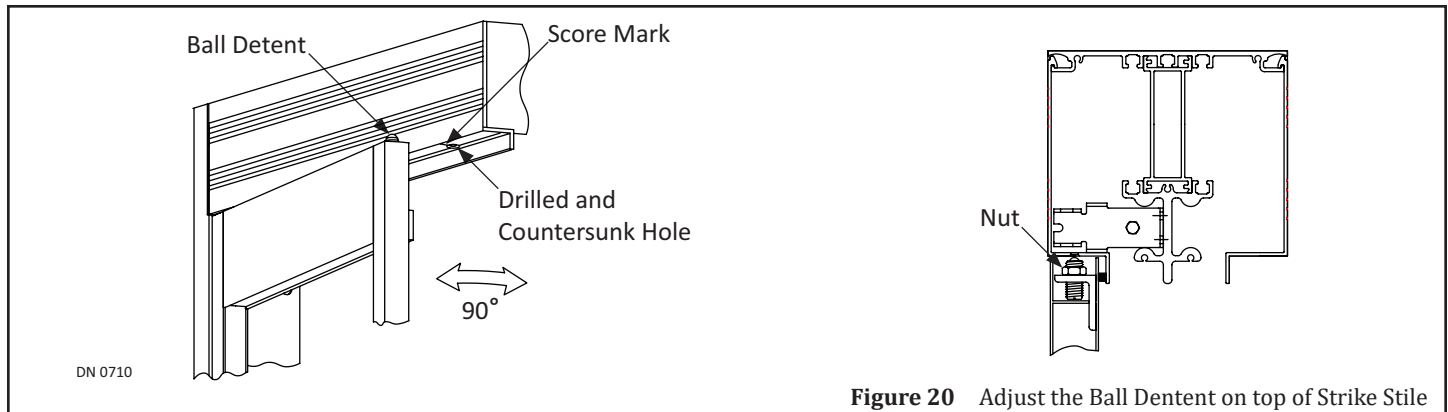


Figure 20 Adjust the Ball Detent on top of Strike Stile

1. Go to the top of Strike Stile. With a 15/16" Open End wrench, loosen the Nut to raise or lower the Ball Detent so it has light contact with the Bottom Lip of Header Cover.
2. Open and close the Sidelite several times to score the surface. Mark where the Score intersects the center groove.
3. Drill a screw hole through the Bottom Lip of Header Cover with a 1/4 inch drill bit. Countersink the screw hole 3/8 inch x 82°.
4. Go to the bottom of Strike Stile. With a 15/16" Open End wrench, loosen the Nut to raise or lower the Ball Detent so it has light contact with the Threshold.
5. Open and close the Swing Door several times to score the surface. Mark where the Score intersects the center groove.
6. With a 1/4 inch diameter drill bit, drill a hole through the Threshold (Just deep enough for the Ball Detent to fit within).
7. Countersink the screw hole to be 1/4 inch x 82°.

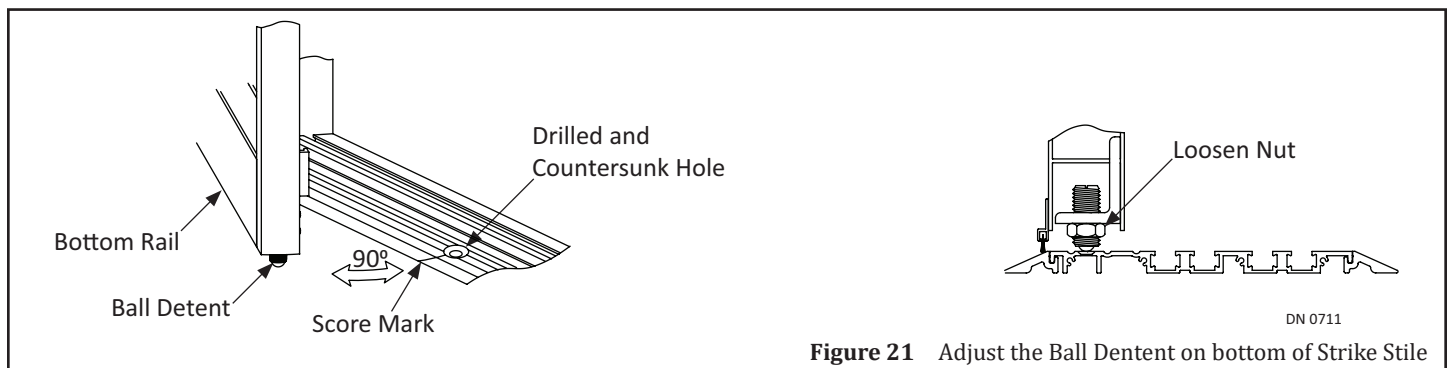


Figure 21 Adjust the Ball Detent on bottom of Strike Stile

8. Close, and then Break Open the Swing door to test fit for both Ball Detents.
 - a. To adjust the fit, increase the size of the hole and countersink.
 - b. Do Not over-drill the hole. If hole is over drilled the Threshold will need to be replaced.
 - c. For additional travel, remove the Ball Detent Bracket to lower or raise the Ball Detent.

CHAPTER 9: INSTALL THE TRAIL DOOR

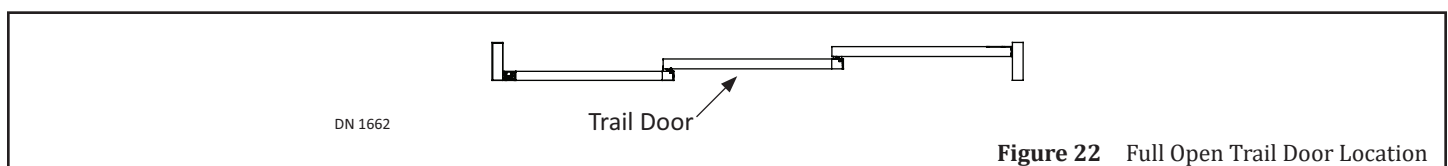
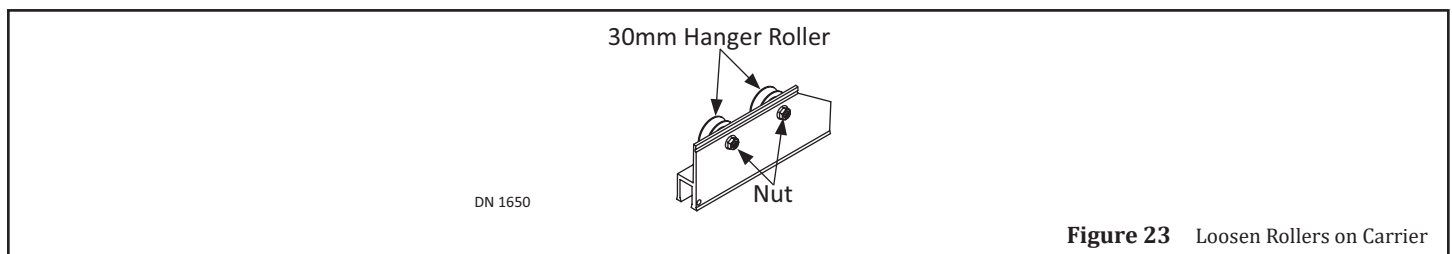


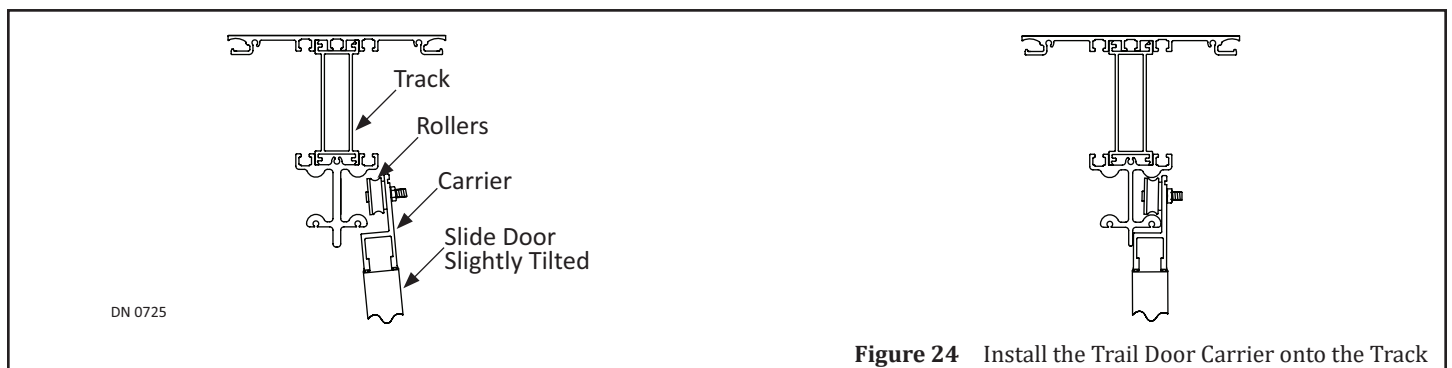
Figure 22 Full Open Trail Door Location

CAUTION**Do not test Breakout until all adjustments are made and doors are secured.**

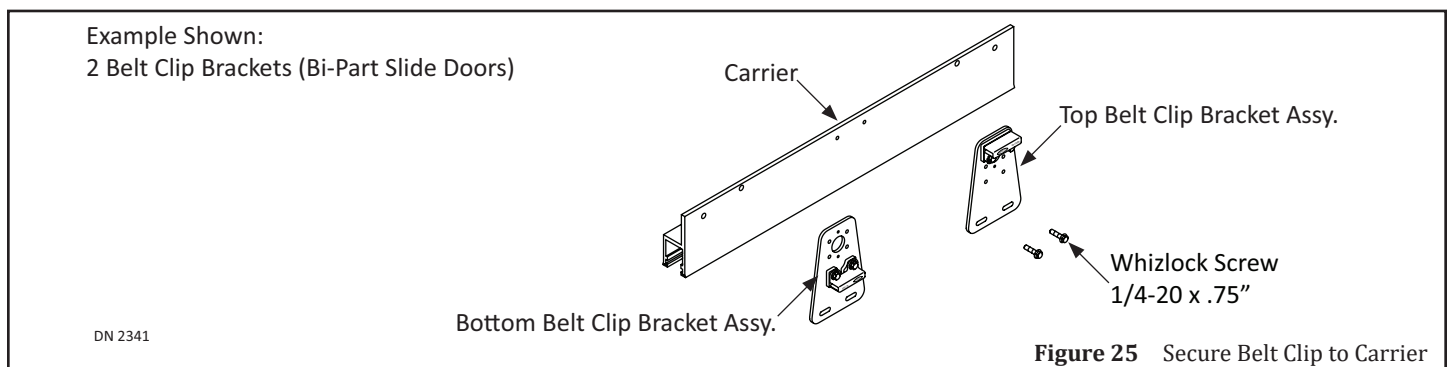
1. Swing open the Sidelite Panel 90°.
2. Go to the Header Cover on the **Breakout** side of Building. Open and remove the Cover.
 - a. When the Cover is opened, the Limit Arm will lift out of the Top Rail of the Sidelite Panel.
 - b. Allow the Limit Arm to move with the Cover.
3. Close the Sidelite Panel.
4. Cover the Sidelite Panel with cardboard on the side that will face the Trail door.
5. Go to the Carrier on top of the Trail Door.
6. Loosen (1) 5/16-18 Whiz Lock Nut on each Roller by inserting (1) 5/32" Allen wrench into the exposed end of a Roller Axle. Hold the 5/32 inch Allen wrench in place to keep the Roller Axle stationary. At the same time, loosen (1) 5/16-18 Whiz Lock nut with a 1/2 inch Open End Wrench.

CAUTION**Do not rotate the Roller Axle counter-clockwise. Doing so will unthread the Axle from the Roller Assembly.**

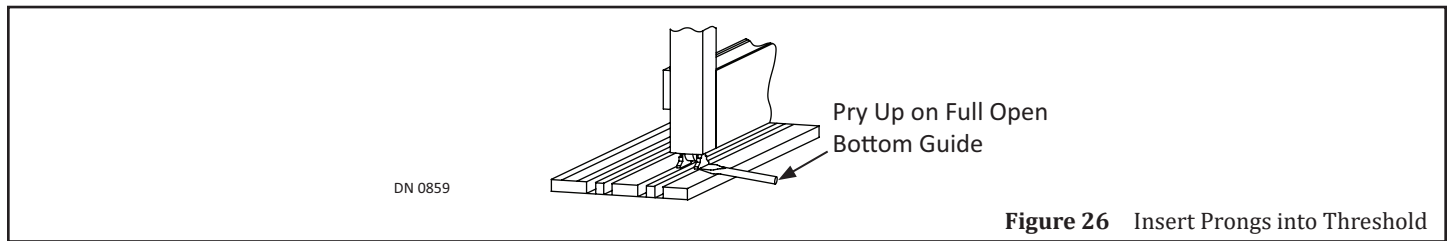
7. To make it easier for rollers to “catch onto the track”, slightly tilt and lift the Trail Door into the Header, and onto the Track.



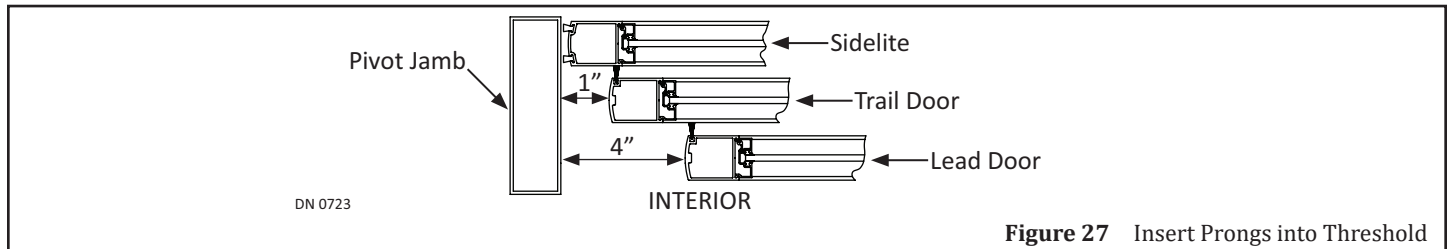
8. Secure the Belt Clip to the Carrier with (2) 1/4-20 x 1 inch Whizlock screws.



9. Lift “Up” the Prongs located on the pre-installed Bottom Guide. Align and drop the Prongs into the Threshold accordingly.



10. Adjust the Belt Clip so the Fully Open position for the Trail Door stops 1 inch away from the Pivot Jamb.



CHAPTER 10: INSTALL THE LEAD DOOR

CAUTION

Do not test Breakout until all adjustments are made and doors are secured.

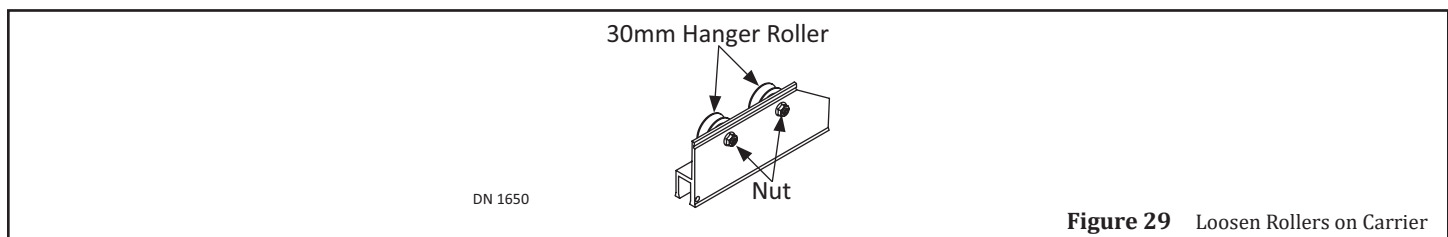
1. Cover the Trail door with cardboard on the side that will face the Lead door.
2. Go to the Carrier on top of the Lead Door.
3. Loosen (1) 5/16-18 Whiz Lock Nut on each Roller by inserting (1) 5/32" Allen wrench into the exposed end of a Roller Axle. Hold the 5/32 inch Allen wrench in place to keep the Roller Axle stationary. At the same time, loosen (1) 5/16-18 Whiz Lock nut with a 1/2 inch Open End Wrench.



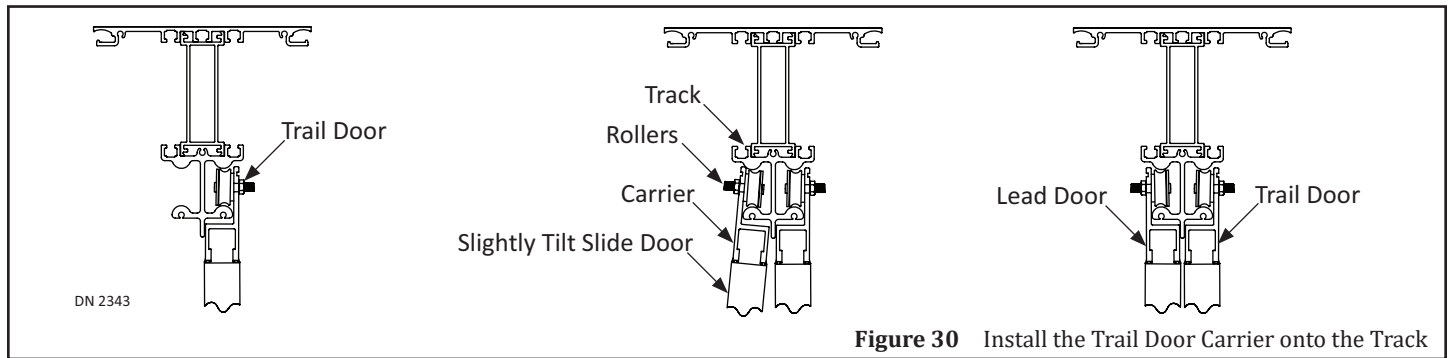
CAUTION

Do not rotate the Roller Axle counter-clockwise. Doing so will unthread the Axle from the Roller Assembly.

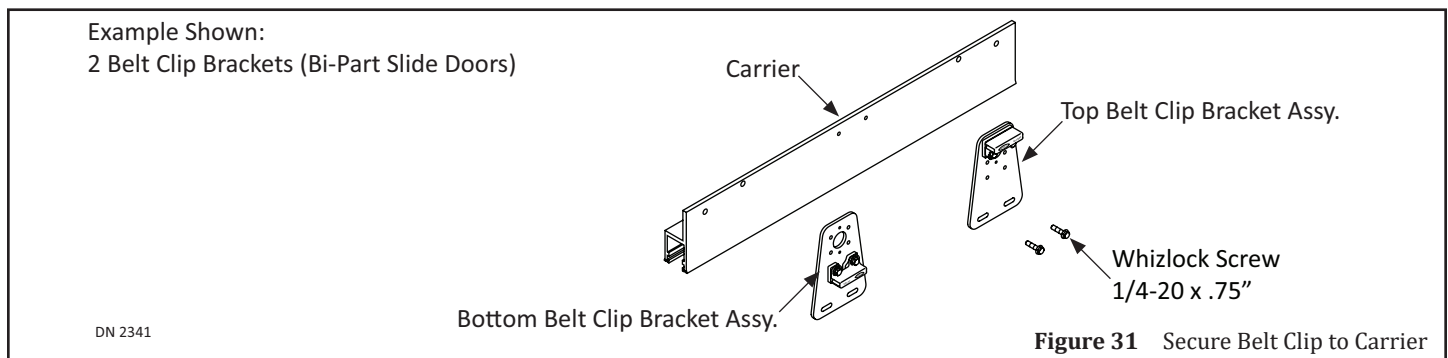
4. Go to the Header Cover on the **INTERIOR** side of Building. Open and remove the Cover.
5. To make it easier for rollers to "catch onto the track", slightly tilt and lift the Lead Door into the Header, and onto the Track.



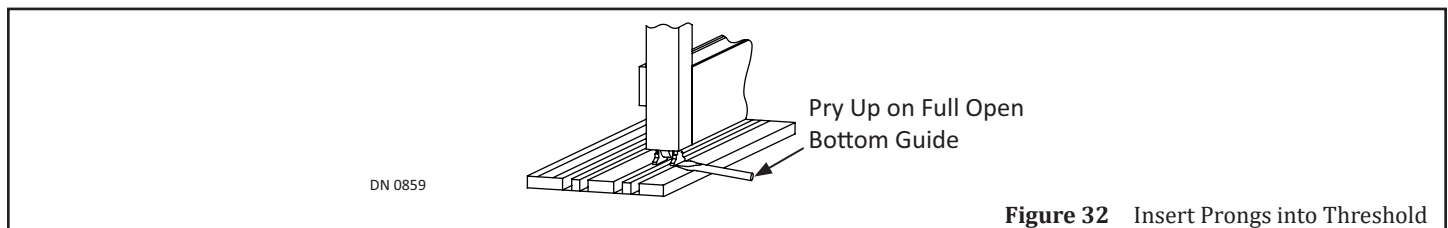
6. Secure the Belt Clip to the Carrier with (2) 1/4-20 x 1 inch Whizlock screws.



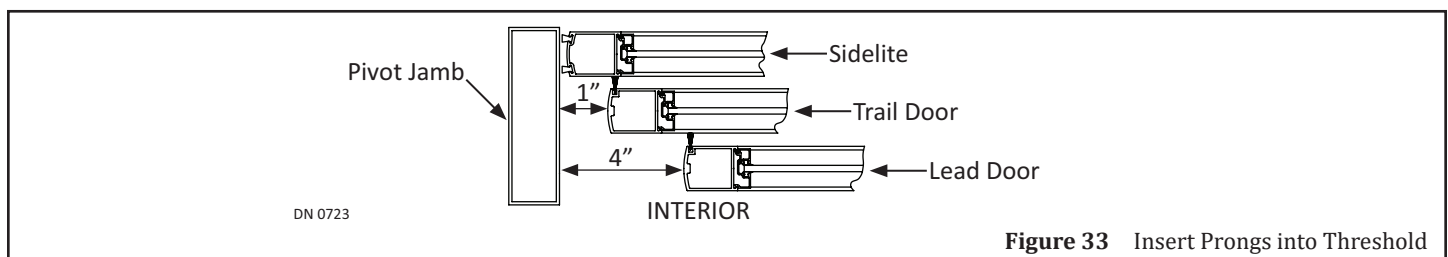
7. Lift "Up" the Prongs located on the pre-installed Bottom Guide. Align and drop the Prongs into the Threshold accordingly.



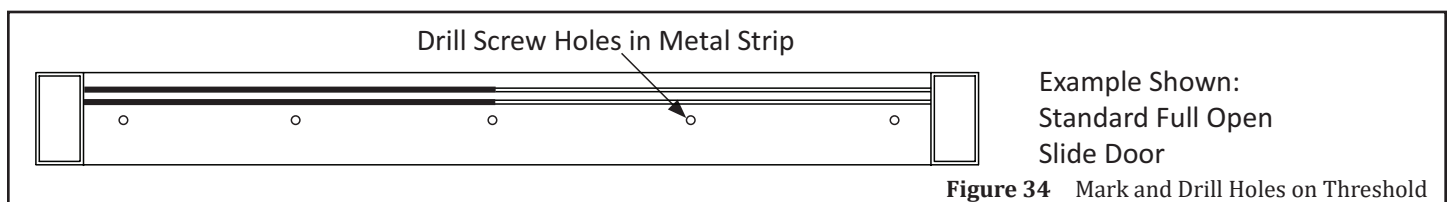
8. Adjust the Door Stop so the Fully Open position for the Lead Door stops 4 inches away from the Pivot Jamb.



9. Please refer to "CHAPTER 21: Adjustments" to adjust the Lead Door.

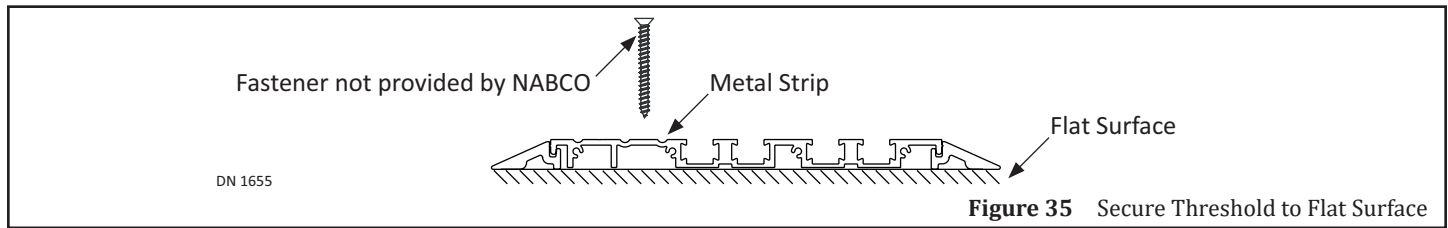


CHAPTER 11: FINISH THRESHOLD INSTALLATION



1. Go to each end of Threshold. Mark and drill (1), 1/4 inch hole approximately 4" from each edge.
2. Mark and drill 1/4 inch holes to be evenly spaced.

3. With a 1/4 inch masonry drill bit, drill through the Threshold and into the floor no less than 1-1/2 inch deep.
4. Apply Caulking bead under the Threshold.
5. Secure the Threshold with Fasteners not provided by NABCO.



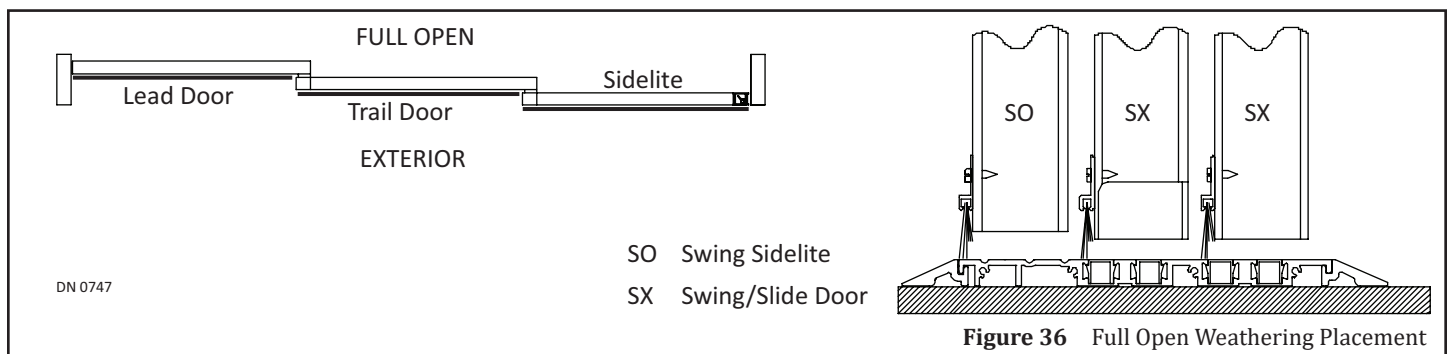
SECTION 11.1: Threshold Maintenance

1. Check for wear of Bottom Guide Roller and Bumpers inserted within Threshold Channels.
2. Listen for squeaking/grinding noise.
3. Look for dirt/debris/excessive build-up. If dirt/debris/excessive build-up is found.
 1. Vacuum to remove loose material.
 2. Wipe off the Threshold.
 3. Use (1) slotted Screw Driver to remove dirt/debris and/or excessive build-up located within Threshold Channels.
4. Inspect weekly and daily during winter as snow and ice can build-up.

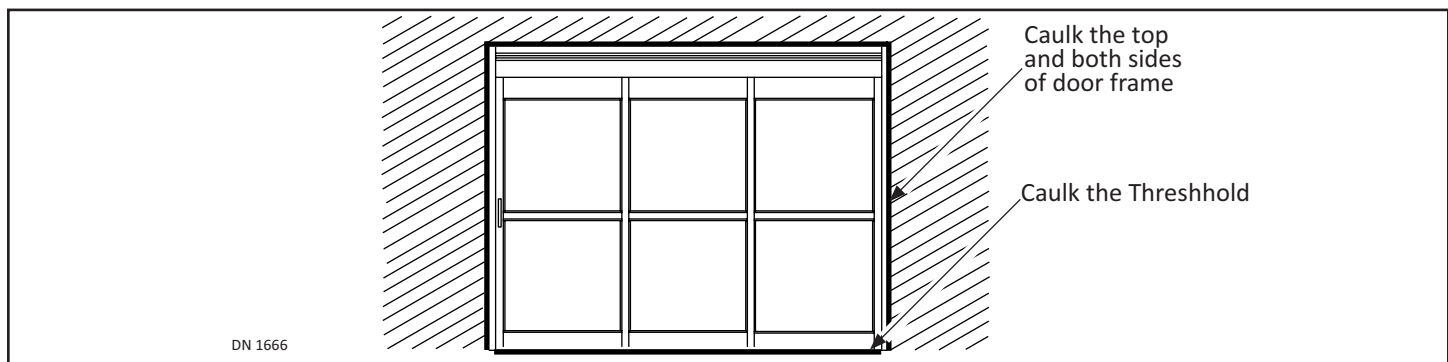
CHAPTER 12: INSTALL WEATHERING

SECTION 12.1: Door Panels

1. Go to the EXTERIOR side of building.
2. Break Open the Sidelite. Secure (1) Brush Holder to the Bottom Rail with #6 x 1/2 inch self tapping screws.
3. It is recommended to leave at least a 1/8 inch gap between the Brush Holder and Pivot Stile, while allowing 1/8 inch Weathering to extend past the Brush Holder so the gap is filled.
4. Break Open the Trail Door. Secure (1) Brush Holder with #6 x 1/2 inch self tapping screws to the Bottom Rail.
5. Break Open the Lead Door. Secure (1) Brush Holder with #6 x 1/2 inch self tapping screws to the Bottom Rail.



SECTION 12.2: Door Frame



1. Ensure the entire Door Frame is properly secured to the Rough Opening.
2. Apply caulking bead between the Door Frame and Rough Opening (inside and outside).

CHAPTER 13: GLAZING

CAUTION

Use caution when moving and installing the glass panels. These panels are constructed with tempered glass. Any sharp objects that come in contact with the glass may cause the glass to break. NABCO Entrances, Inc. is not responsible for broken glass.

Attention: Per Chapter 24 of the International Building Code (IBC), all glass must comply with ANSI Standard Z97.1 (Glass and Settings Blocks are not provided by NABCO).

SECTION 13.1: Door Panel

Note: Place Setting Blocks in the designated marked spots, only. Cross-Blocking helps direct glass weight away from the strike edge of the door, to prevent sagging and possibly dragging on the floor or threshold.

1. Ensure the Base Glass Stop (Pre-installed at the NABCO Factory) is free of debris and/or sharp objects.
2. Go to the STRIKE side of panel at the TOP.
3. Measure (6) inches across from the Strike End of Top Rail, towards the Pivot Stile. Mark that spot.
4. Measure (6) inches down from the Strike End of Top Rail towards the Bottom Rail. Mark that spot.
5. Go to the PIVOT side of panel at the BOTTOM.
6. Measure (6) inches across from the Pivot End of Bottom Rail, towards the Strike Stile. Mark that spot.
7. Measure (6) inches up from the Pivot End of Bottom Rail, towards the Top Rail. Mark that spot.
8. For each marked spot, place (1) Setting Block (not provided by NABCO) on top of the Base Glass Stops.
9. Place the Glass Panel on top of the Setting Blocks and up against the Vinyl.
10. Shift the Glass Panel until it is square. Secure the Glass Panel with Snap-In Glass Stops.
11. To raise the Door Panel for Door Panels that are not square or sag at the lead edge, increase the thickness of a Setting Block (not provided by NABCO).

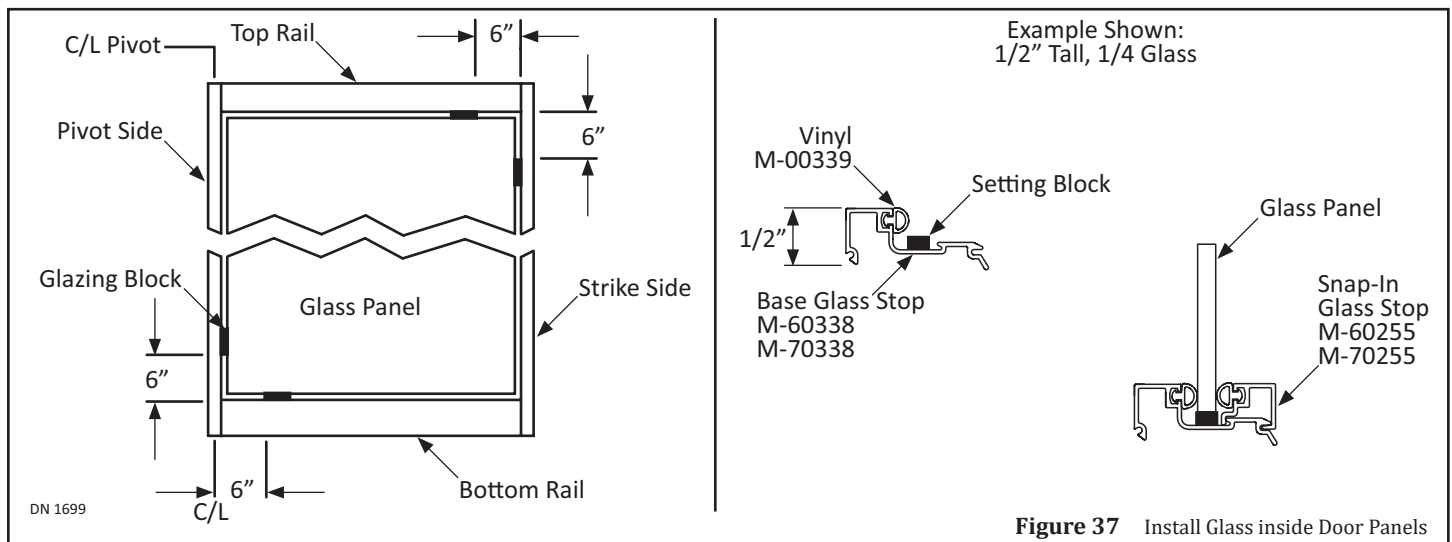
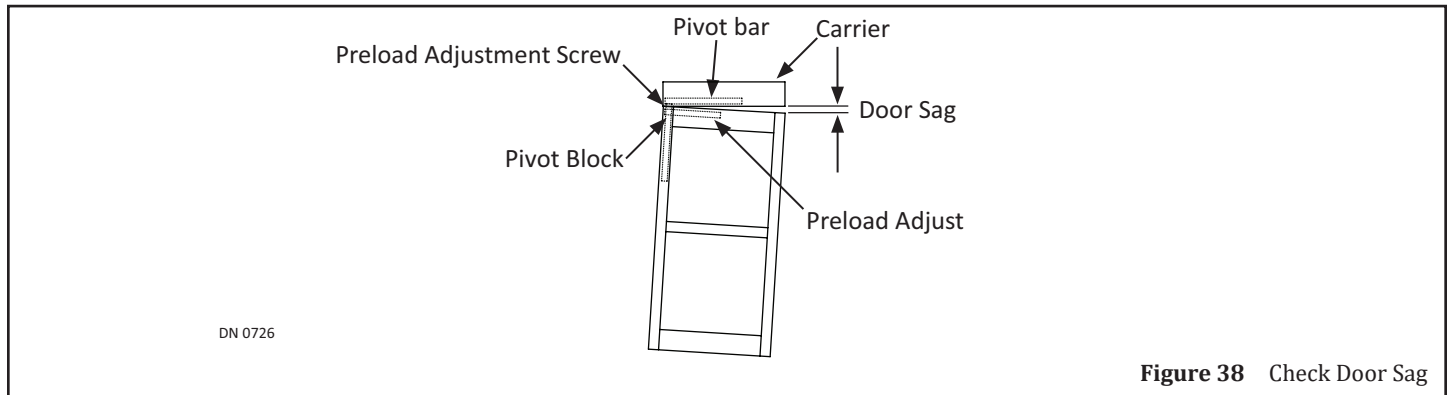


Figure 37 Install Glass inside Door Panels

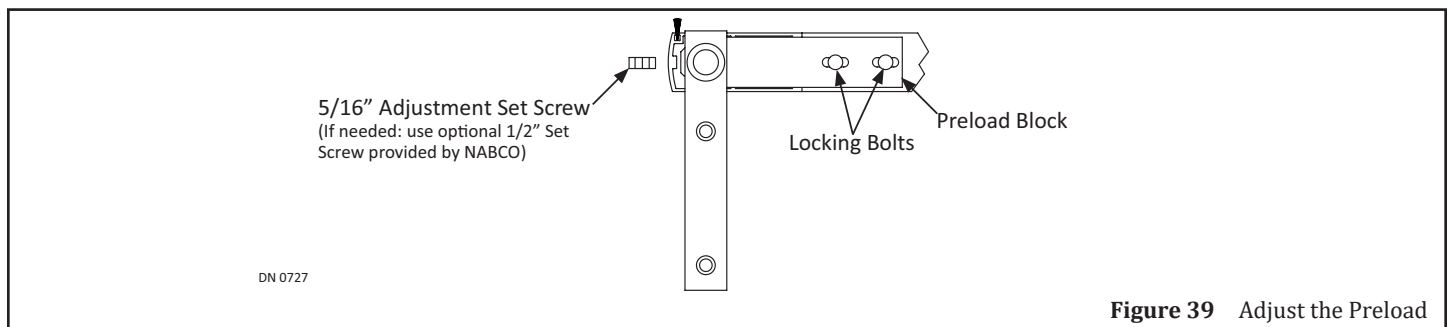
CHAPTER 14: ADJUSTMENTS

SECTION 14.1: Adjust Preload

Attention: Glass must be installed before adjusting Preload.

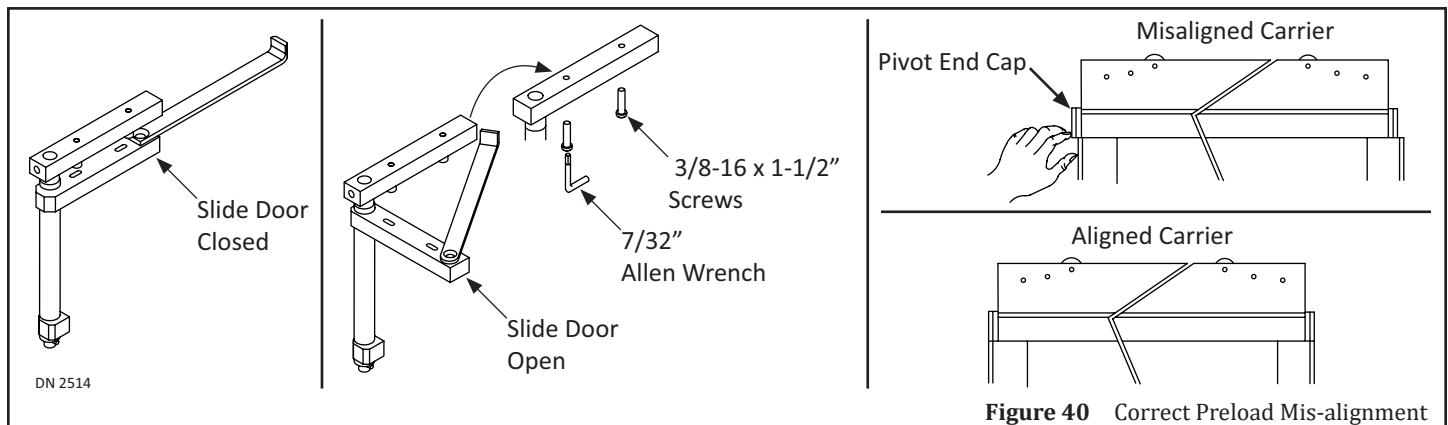


1. Support the weight of Slide Door, then Breakout Slide door approximately 25 degrees.
2. Check for door sag. The Slide door should latch without having to be manually lifted.
3. Go to the Preload Block located inside the Top Rail. Loosen (2) 1/4-20 x 1 inch Hex Screws used to secure the Carrier Pivot Assembly to the Top Door Web.
4. Go to the top of Pivot Stile. Locate (1) 5/16-24 x 1/2 inch Set Screw.
5. Adjust Door Sag by tightening the Set Screw with a 7/32 inch Allen Wrench.
 - a. Tightening the Set Screw will raise the Strike Side of the Door.
 - b. Do Not allow the Adjustment Set Screw to protrude more than 7/32 inch past the end of stile.
 - c. Substitute the 5/8 inch Set Screw with the optional 1/2 inch Set Screw supplied by NABCO as needed.

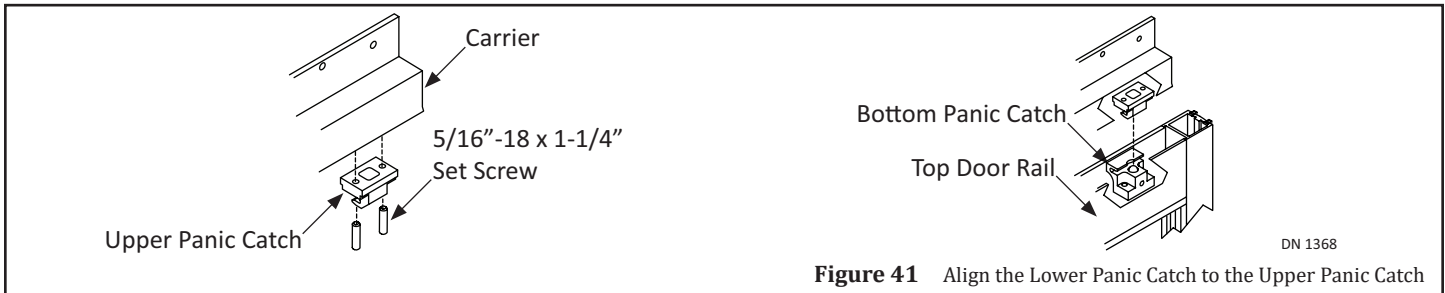


SECTION 14.2: Adjust Horizontal Position of Carrier

Attention: Adjust Preload before adjusting position of Carrier.

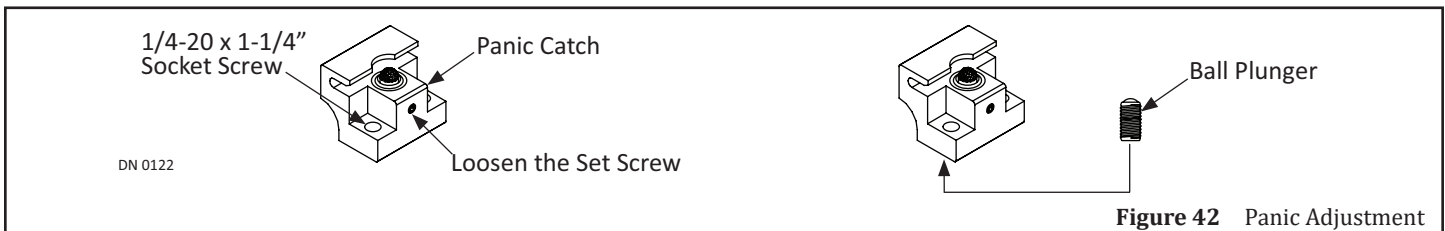


1. Break Open the Slide Door. Locate the Pivot Assembly inside the Carrier.
2. Loosen (2) 3/8-16 x 1-1/2 inch Screws securing the Pivot Assembly to the Carrier.
3. Slide the Carrier Bar to the left or right, until the Slide Door is aligned to the Carrier. Tighten (2) 3/8-16 x 1-1/2 inch Screws.
4. Verify that the Upper Panic Catch inside the Carrier is still aligned to the Lower Panic Catch inside the Door Web. If an adjustment is deemed necessary:
 5. Go inside the Carrier. Locate the Upper Panic Catch. Loosen (2) 5/16-18 x 1.25" Set Screws.
 6. Slide the Upper Panic Catch to the right or to the left until it is aligned to the Lower Panic Catch. Tighten Set Screws.



SECTION 14.3: Adjust the Ball Plunger

1. Breakout the Slide door. Go inside the Top Rail (closest to the Strike Stile). Remove the Panic Catch Assembly.
2. Loosen the Set screw that is located in front of the Panic Catch.
3. Go underneath the Panic Catch. Raise or lower the Ball Plunger to adjust the engagement.
 - a. The Ball Plunger must be adjusted for proper breakout resistance to meet ANSI A156.10 code and/or local code.
 - b. Use minimal engagement if Panic Hardware is used.
4. Tighten the Set screw. Secure the Panic Catch Assembly inside the Top Rail with (2) 1/4-20 x 1-1/4 inch Socket Head screws.

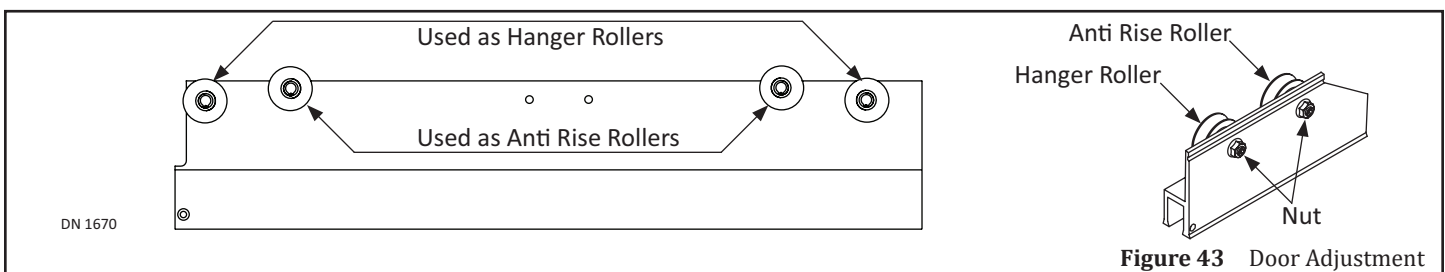


SECTION 14.4: Adjust Door Height

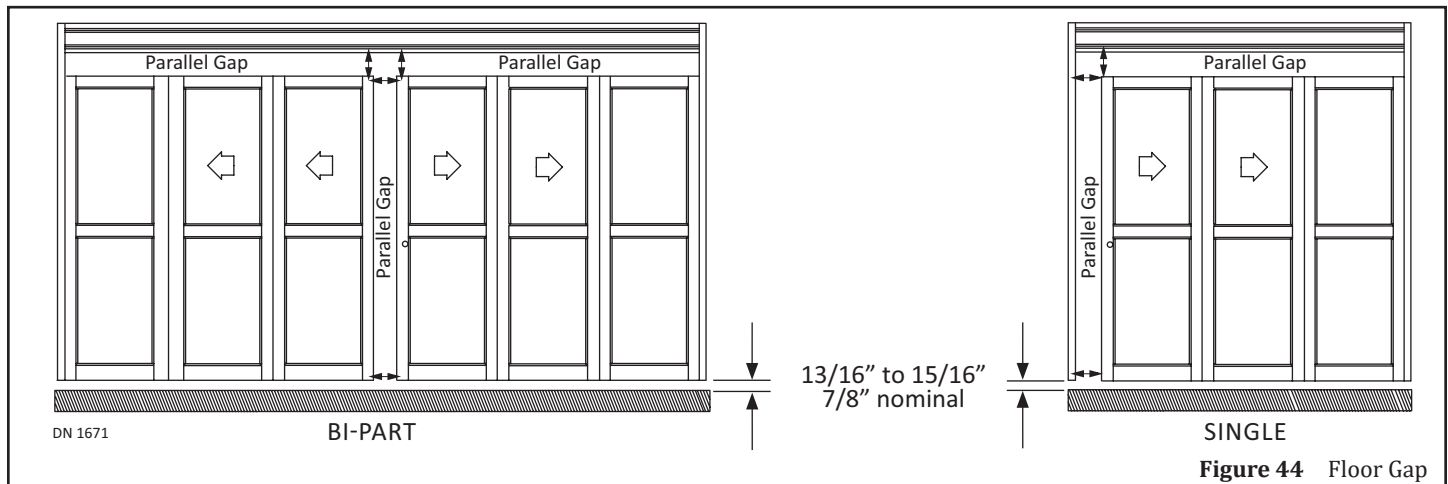
1. Raise or lower the Slide door by turning the Axle located on (2) Anti-Rise Rollers **clockwise** with a 1/2" Open End Wrench. The appropriate gap between Bottom Rail and floor is (13/16 inch to 15/16 inch) with the nominal gap being 7/8 inch.

CAUTION

Do not rotate the Roller Axle counter-clockwise. Doing so will unthread the Axle from the Roller Assembly.

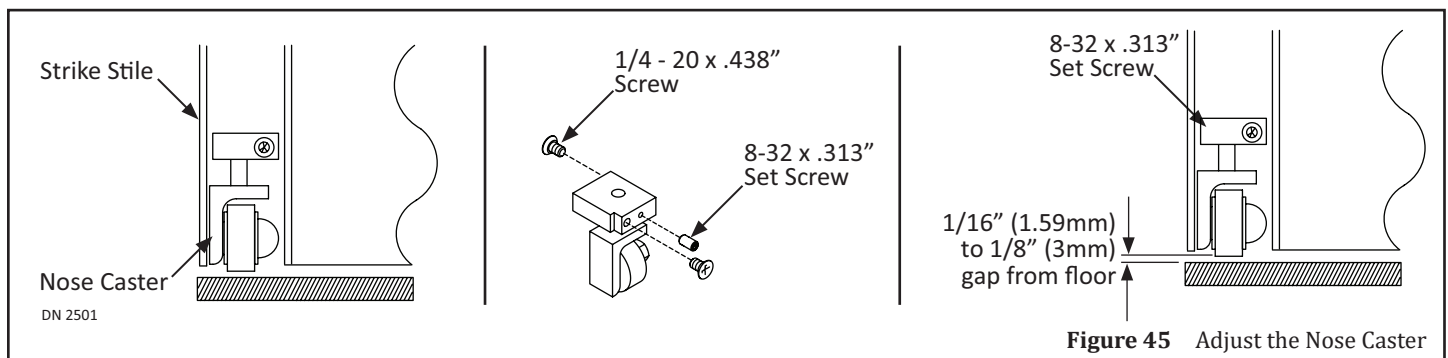


2. Ensure the Leading Edge between (Slide doors/Jamb Tubes), and (Doors/Header), are parallel.
3. Tighten the 5/16-18 Lock nuts.



SECTION 14.5: Adjust the Nose Caster

Note: For Units 54 Inches Wide (or greater) and/or over 200 Pounds. Nose Caster is used to keep the Slide Door from hitting/scraping the floor during Breakout.



1. Remove the Slide door from the Track. Lay down on a flat surface.
2. Go to the bottom of the Strike Stile. Locate the Nose Caster.
3. Remove (1) 1/4-20 x .438" Screws from each side of Strike Stile. Remove the Nose Caster.
4. Loosen (1) #8-32 x .313" Set Screw to raise the Wheel of the Nose Caster so it is 1/16" to 1/8" from the floor. Retighten.
 - a. Ensure the Wheel slightly protrudes from underneath the Slide Door.
5. Replace and then secure the Nose Caster to the Strike Stile with (2) 1/4-20 x .438" Screws.
6. Fully close the Slide door. Ensure the Nose Caster does not hit or scrape the floor.

SECTION 14.6: Adjust Interlocks

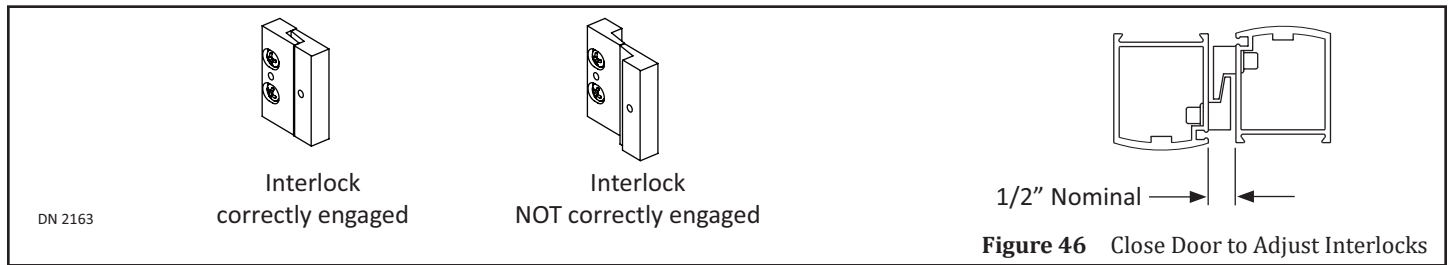
Attention: The Slide Door must be fully closed at same time Interlock is fully engaged.

Note: • Each Interlock is packed with (2) Shims.

- (4) extra Shims are packed within the Full Open Parts Kit (P/N A-01451 Medium Stile, P/N A-00408 Narrow Stile).
- Nominal gap between both Door Panels must be 1/2 inch.

14.6.1 Interlocks are not Properly Engaged

1. Manually close the Slide door while observing if the nominal gap between both Door Panels is 1/2", and the Interlocks are properly engaged, and the Slide door is fully closed.
2. If not, slide the Interlocks side to side so that they have the most engagement but still allow the door to fully close.
3. Partially secure each Interlock assembly back onto the Door Panel with (2) #10-32 x 5/8" Screws.
 - a. This is done so the Interlock can still slide in the adjustment slot with light force.
4. Go to Section "Secure the Adjusted Interlocks".

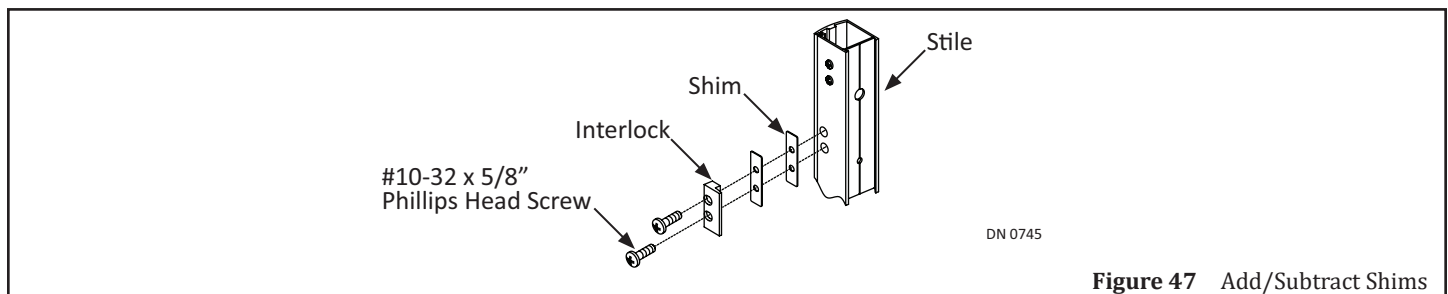


14.6.2 Interlocks Touch each other's Nose

1. Manually close the Slide door while observing if both Interlocks touch each other's Nose as the door is almost fully closed.
2. If so, remove each Interlock. Add shims as deemed necessary.
3. Partially secure each Interlock assembly back onto the Door Panel with (2) #10-32 x 5/8" Screws.
 - a. This is done so the Interlock can still slide in the adjustment slot with light force.
4. Go to Section "Secure the Adjusted Interlocks".

14.6.3 Interlock Rubs the Other Door Panel

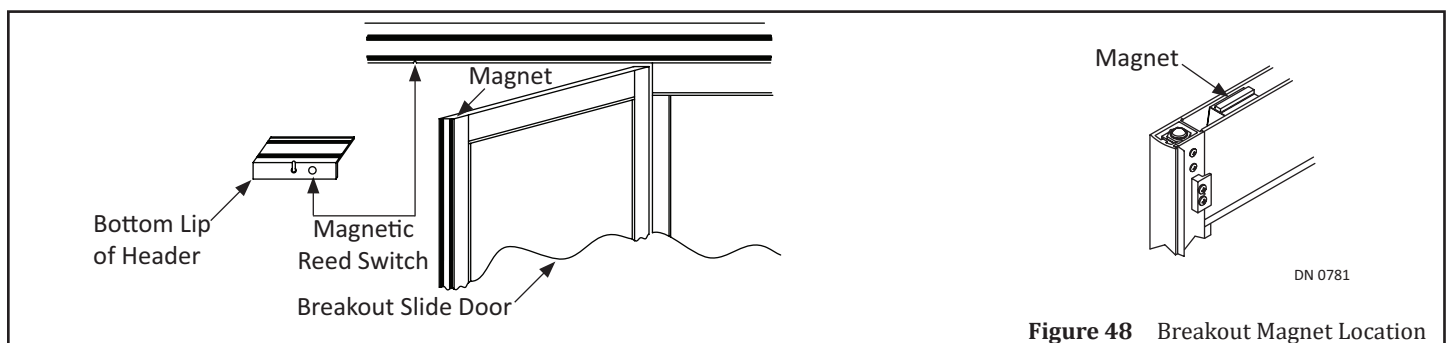
1. Manually close the Slide door while observing if the Interlocks are rubbing on the other Door Panel.
2. If so, remove Shim(s) until no contact exists between the Door Panels and the Interlock.
 - a. Rubbing of Interlocks will cause wear marks and/or cause the door to bind.
3. Partially secure each Interlock assembly back onto the Door Panel with (2) #10-32 x 5/8" Screws.
 - a. This is done so the Interlock can still slide in the adjustment slot with light force.
4. Go to Section "Secure the Adjusted Interlocks".



14.6.4 Secure the Adjusted Interlocks

1. Go to each Interlock and locate the Adjustment Slot. Slide each Interlock away from the edge of the door towards the center of the door panel.
2. Manually close the Slide door. The Interlocks will automatically slide and adjust to the proper position.
3. Fully Open the Slide door and Break Out the Door Panels. Tighten (2) #10-32 x 5/8" Screws on each Interlock.

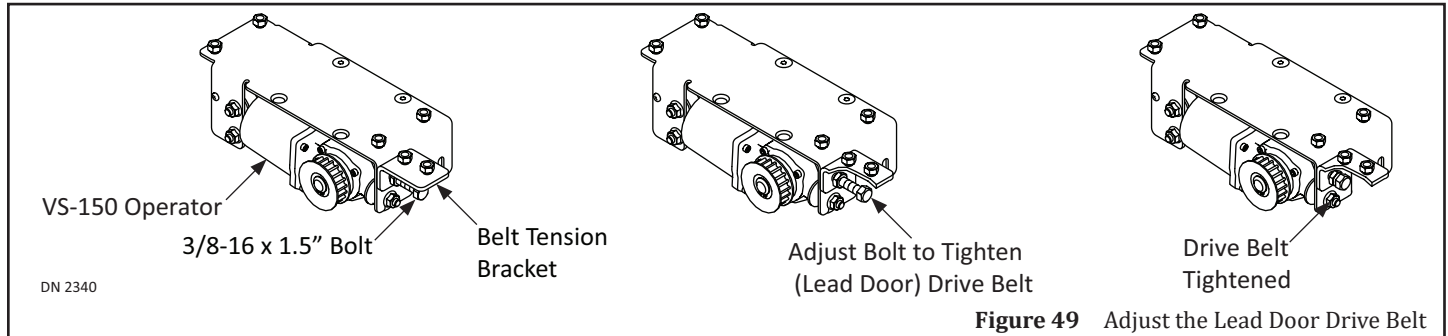
SECTION 14.7: Adjust the Breakout Magnet



1. Break open the Full Open Sidelite. Go to the Breakout Magnet that is located inside the Top Rail.

2. Slide the Breakout Magnet to the Left or to the Right until it is aligned with the Magnetic Reed Switch.
 - a. The Breakout Magnet is secured to the Limit Arm Bracket that can slide to the Left and Right of the Top Rail.
 - b. The Magnetic Reed Switch is a 3/8 inch diameter black circle located on the Bottom Lip of Header.

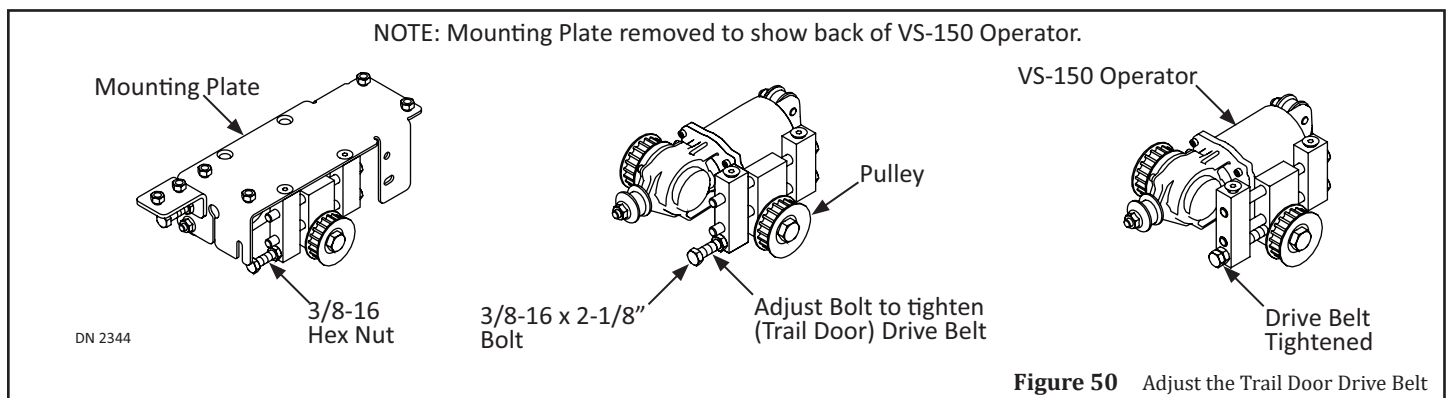
SECTION 14.8: Tighten the Drive Belt (Lead Door)



1. Go to the Belt Tension Bracket Assembly located at the front of the VS-150 Operator.
2. Loosen the 3/8-16 Hex Jam Nut from the 3/8-16 x 1-1/2 inch long Bolt.
3. Tighten the Lead Door Drive Belt by rotating the Bolt, clockwise.
4. Retighten the 3/8-16 Hex Jam Nut.

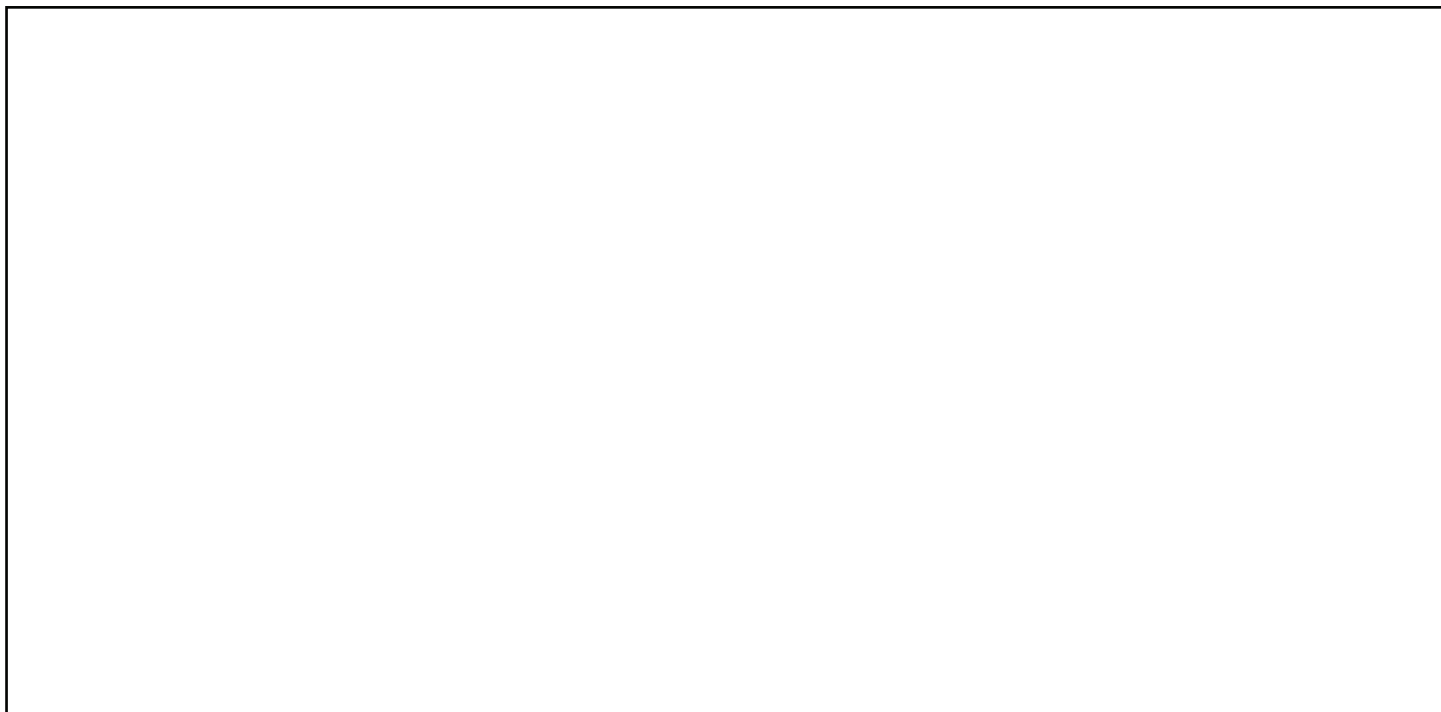
SECTION 14.9: Tighten the Drive Belt (Trail Door)

1. Go to the backside of the VS-150 Operator. Locate the Idler Block Kit.
2. Loosen the 3/8-16 Hex Nut from the 3/8-16 x 2-1/8 inch long Bolt.
3. Tighten the Trail Door Drive Belt by rotating the Bolt, clockwise.
4. Retighten the 3/8-16 Hex Jam Nut.



CHAPTER 15: SLIDE DOOR SAFETY CHECK

1. Ensure Header Cover and all other hardware and/or components have been replaced and properly secured.
2. Check the motion of the Slide door. Slide door should slide freely.
3. Test Emergency Break Out.
4. Ensure Full Open Sidelite doors are fully closed. Failure to do so, will disrupt proper door operation
 - a. In the event a Sidelite is ajar, swing open the Sidelite about 2 feet, and then fully close it.
5. Check for proper door operation.
6. Test Detection Zone, and One-Way Traffic or Two-Way Traffic. Please refer to P/N C-00109 "GT1175 Slide Door Owners Manual" that has been packed inside the Decal Packet.
7. Clean the doors, header, and frame.
8. Clean up the work area and floor area. Floor area should be clean with no loose parts that might cause user to trip or fall.



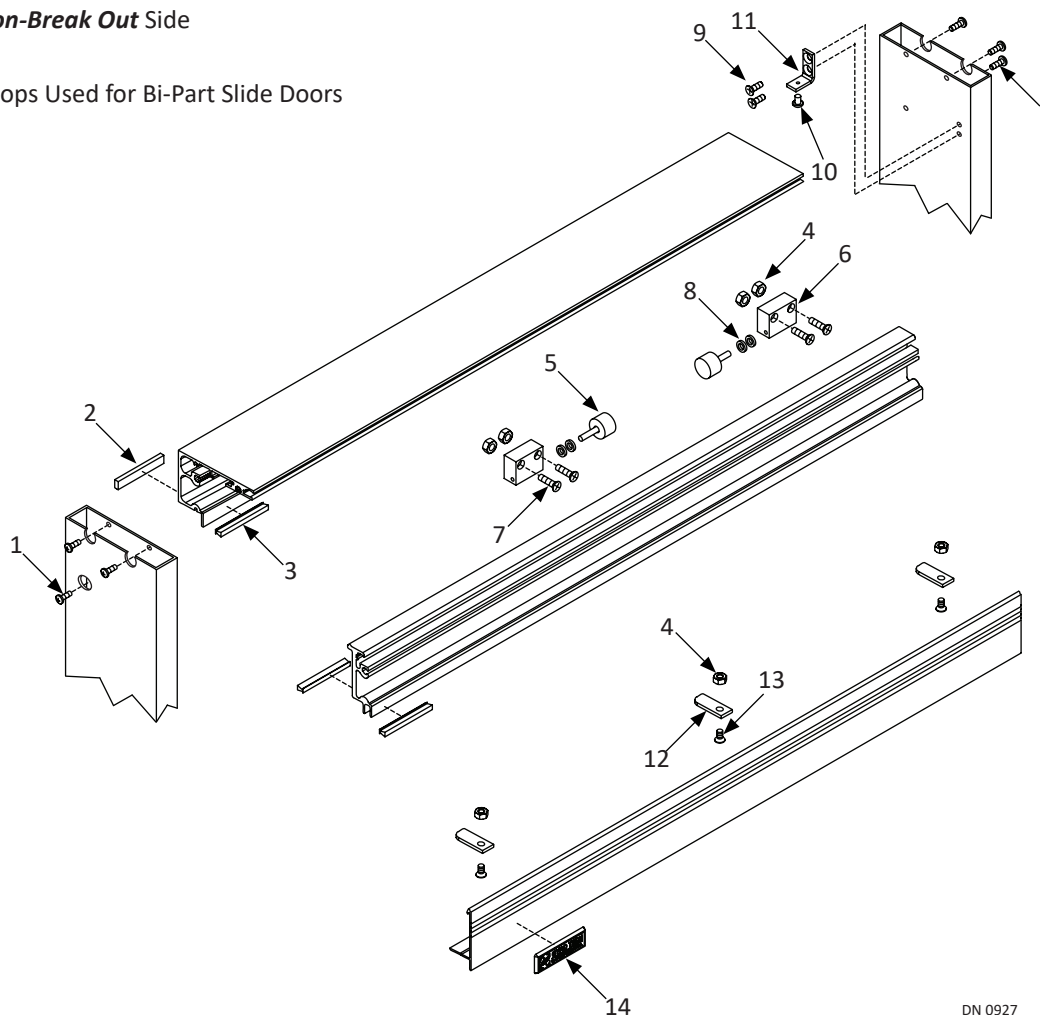
Service Parts Kit: RH P/N A-01416; LH P/N A-01417					
Item	Part	Note	Description	QTY	Used To
1	A-00321		GUIDE BLOCK, NARR STILE, RH	2	Protect inside of Barrel from dust/dirt
	A-00318				
	A-00327				
	A-00325				
2	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC	4	Keep screws from moving up/down Screw Hole
3	T-00064		HHCS,1/4-20x0.750L.,ZINC	4	Secure Guide Block to Stile
4	T-00261		SHSS,5/16-24x0.500L.,CUP PT.	2	Adjust Preload
5	T-00326		PHMS,1/4-20x0.750L.,PHIL,F-POINT,ZINC	6	Secure Header to Jamb Tubes
6	M-01049		CLIP, COVER	2	Secure Cover to Header and Jamb Tube
7	T-00016		FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,ZINC	4	Secure Cover to Jamb Tube
8	T-00323		RHMS,8-32x0.250L.,PHIL,ZINC	2	Secure Cover to Header
9	T-00383		FHSMS:14 x1.500L.:PHIL: SS	4	Secure Pivot Assembly to floor
10	T-00314		SCREW ANCHOR, #16 X 1" LG	4	Anchor screws into floor
11	V-00772		SQUARE FINISHING PLUG 1 TUBE	1	Keep dust/debris from settling inside Screw Hole
12	A-01345		PIVOT ASM, 3 PANEL TELE TRACKLESS RH	1	Swing Open Slide Door
	A-01346		PIVOT ASM, 3 PANEL TELE TRACKLESS LH		

SERVICE PARTS: HEADER

Viewed from **Non-Break Out** Side

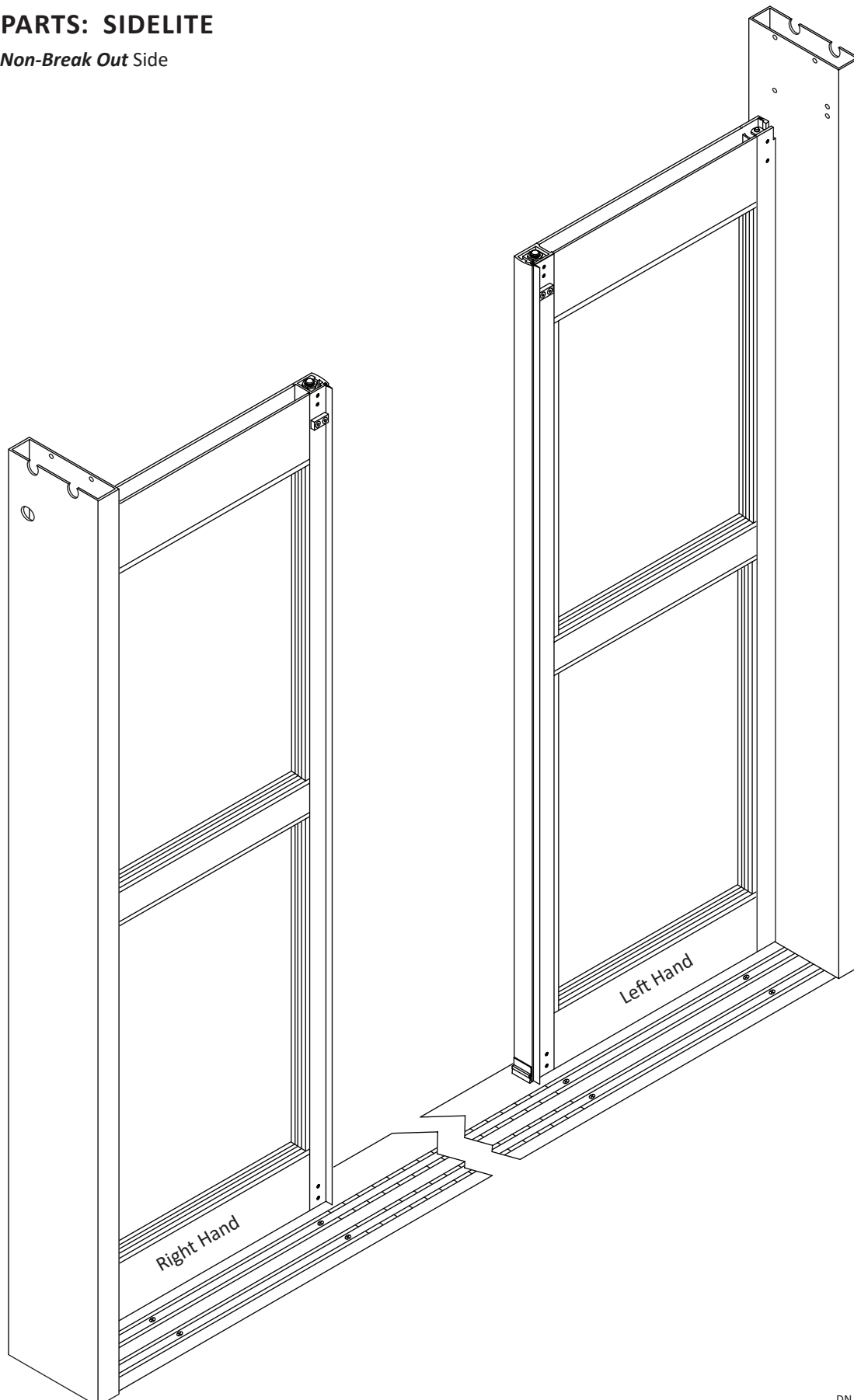
Note:

Two NH Door Stops Used for Bi-Part Slide Doors



DN 0927

Header				
Item	Part	Finish/Sizes/Notes	Description	
1	T-00326		PHMS,1/4-20x0.750L.,PHIL,F-POINT,ZINC	
2	M-00281		FOAM WEATHERSTRIPPING ADHESIVE BACKED	
3	M-00688		PILE WEATHERING .45 TALL W/ ADHESIVE	
4	T-00002		NUT,HEX,1/4-20,ZINC	
5	A-00087		BUMPER,HEADER DOOR STOP	
6	M-01116		END STOP,BRACKET,SLIDER	
7	T-00294		FHMS,1/4-20x1.000L.,PHIL,ZN	
8	M-00450		SPACER,MTG.END CAP	
9	T-00016		FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,ZINC	
10	T-00323		RHMS,8-32x0.250L.,PHIL,ZINC	
11	M-01049	Zinc	CLIP, COVER	
12	M-01093		CLIP,RAIL,TELE	
13	T-00045		FHMS,10-24x0.375L.,PHIL,UNDERCUT,BLK ZN	
14	C-00067		NAMEPLATE, ADHESIVE BACKED	

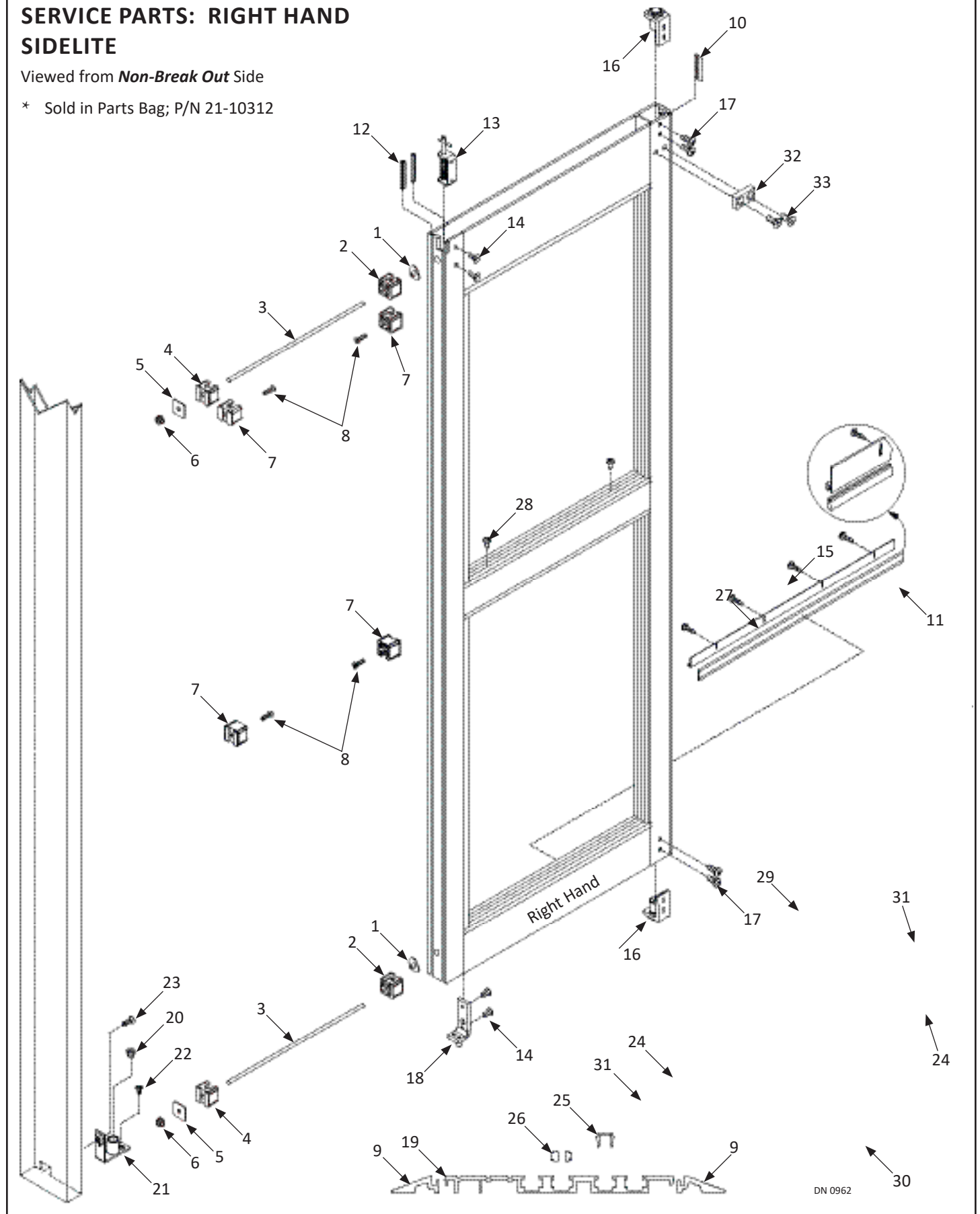
SERVICE PARTS: SIDELITEViewed from **Non-Break Out** Side

DN 0961

SERVICE PARTS: RIGHT HAND SIDELITE

Viewed from **Non-Break Out** Side

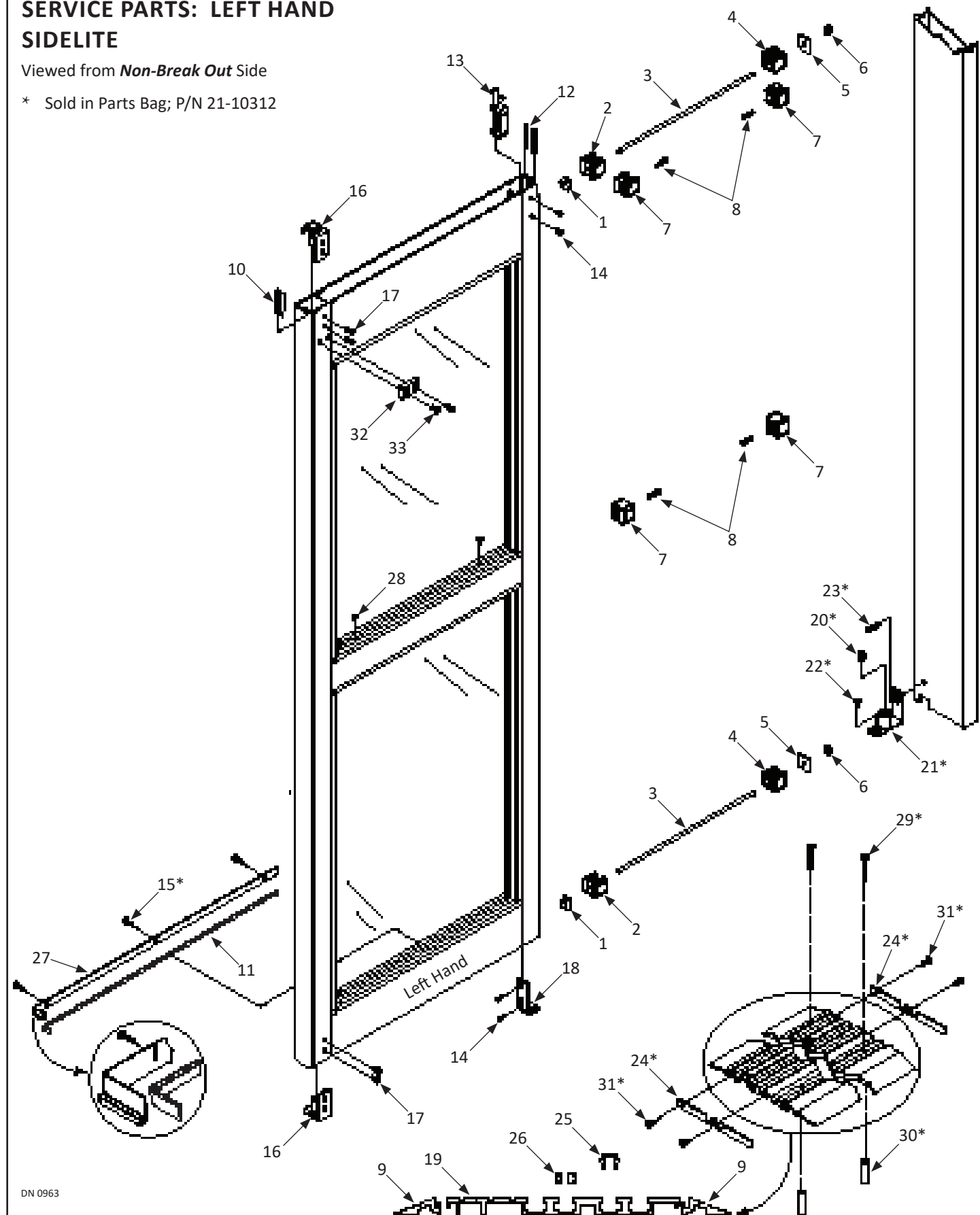
* Sold in Parts Bag; P/N 21-10312



SERVICE PARTS: LEFT HAND SIDELITE

Viewed from **Non-Break Out** Side

* Sold in Parts Bag; P/N 21-10312

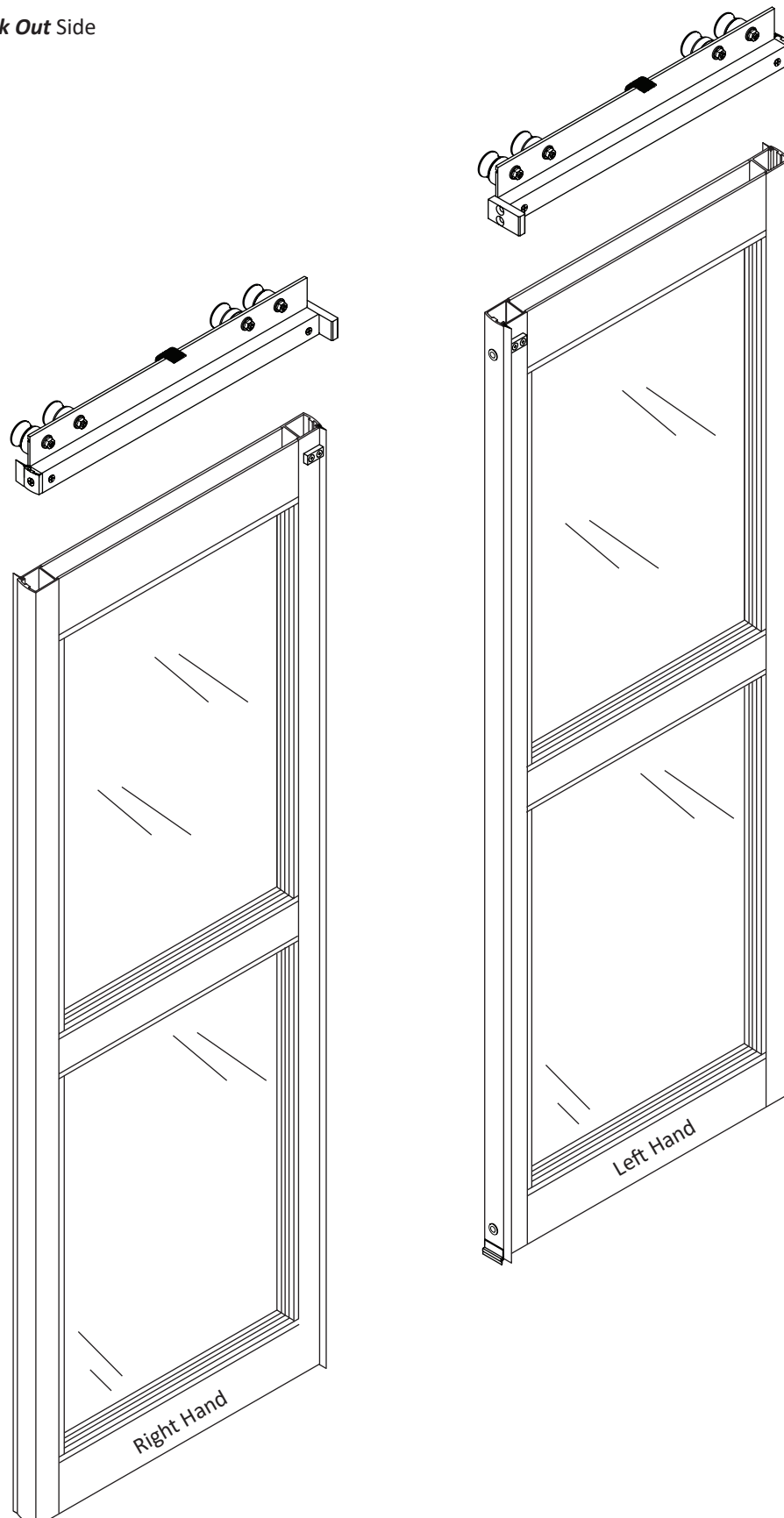


DN 0963

Full Open Sidelite			
Item	Part	Finish/Sizes/Notes	Description
1	M-00416		T-NUT, 3/8"-16, TIE ROD
2	M-00460	.500 Hole	CLIP,MUNTIN,.500 HOLE
3	14-3624		THREADED ROD, 3/8"-16 - ZINC PLATED
4	M-00461	.386 Hole	CLIP,MUNTIN,.386 HOLE
5	M-00422		PLATE,TIE ROD
6	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
7	24-9502	.261 Hole	CLIP, MUNTIN BAR - RAIL .261 HOLE
8	M-00462		CLIP,MUNTIN,.261 HOLE
9	14-9017-01		EXTRUSION, ALUM - RAMP, FLOORTRACK
10	M-01241	Gray	WEATHERING, VINYL, 9/16IN GRAY FIN
	M-71241	Black	WEATHERING,VINYL,9/16IN,BLK
11	M-00274		BRUSH, NYLON, 1" STEPPED
	M-01244	Black	WEATHERING,BULB
12	A-00029		ASM, TOP PIVOT, 1175 SWING PANEL
13	T-00184		FHMS,10-32x0.500L.,PHIL,UCUT,TRI-LOBE,ZN
14	T-00222	Zinc	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
15	T-00260	Black Zinc	PHSMS,6x0.500L. PHIL,TEKS BLK ZN
	A-00057		BALL DETENT,ASSEMBLY
16	T-00027		PHMS,10-32x0.500L.,PHIL.ZINC
17	M-00593	LH	LH BOTTOM PIVOT SWING PANEL
18	M-00594	RH	PIVOT, SWING PANEL,BTM,RH
	24-10049-01		EXTRUSION,ALUM-FLOOR TRACK,TELE-204
19	M-00606		BUSHING, BOTTOM PIVOT, SWING PANEL
20	M-00611		FLOOR PIVOT BRACKET
21	T-00007		FHMS,1/4-20x0.500L.,PHIL,UNDRUCUT,F-PT,ZN
22	T-00015		FHMS,1/4-20x0.750L.,PHIL,ZINC
23	M-00295		THRESHOLD, FILLER
24	M-00291		THRESHOLD, BUMPER
25	M-60278	Clear	HOLDER,WEATHERING BRUSH,204,EXTRU
26	M-70278	Dark Bronze	HOLDER,WEATHERING BRUSH,313,EXTRU
27	T-00006		FHMS,10x0.750L.,PHIL,ZINC
	M-00978		SPACER, 2100 TELE
	T-00176		FHMS,10-32x0.500L.,PHIL,UCUT,23-PT,ZINC
28			
29			
30			
31			
32			
33			

SERVICE PARTS: TRAIL DOOR

Viewed from *Non-Break Out* Side

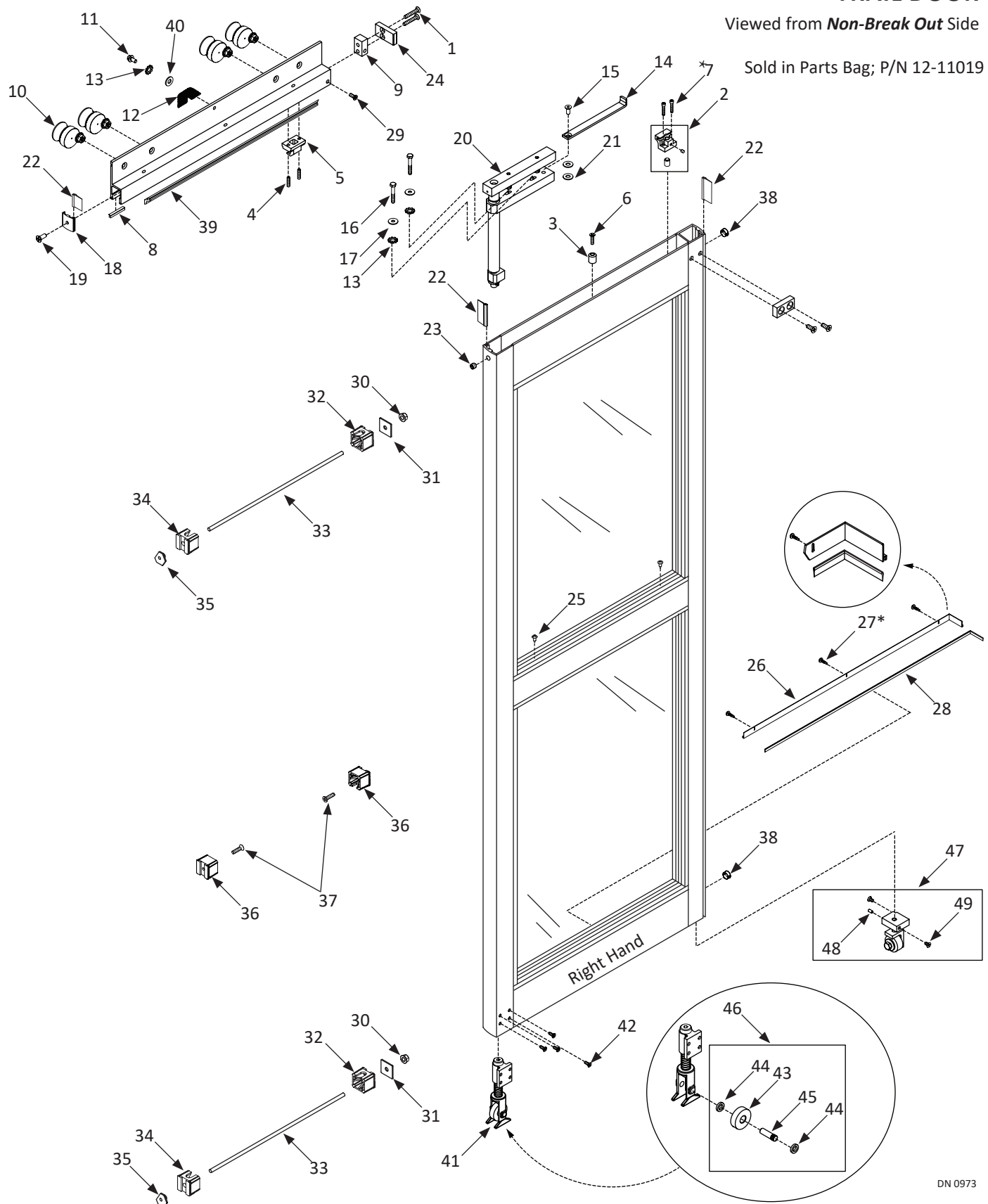


DN 0964

SERVICE PARTS: RIGHT HAND TRAIL DOOR

Viewed from **Non-Break Out** Side

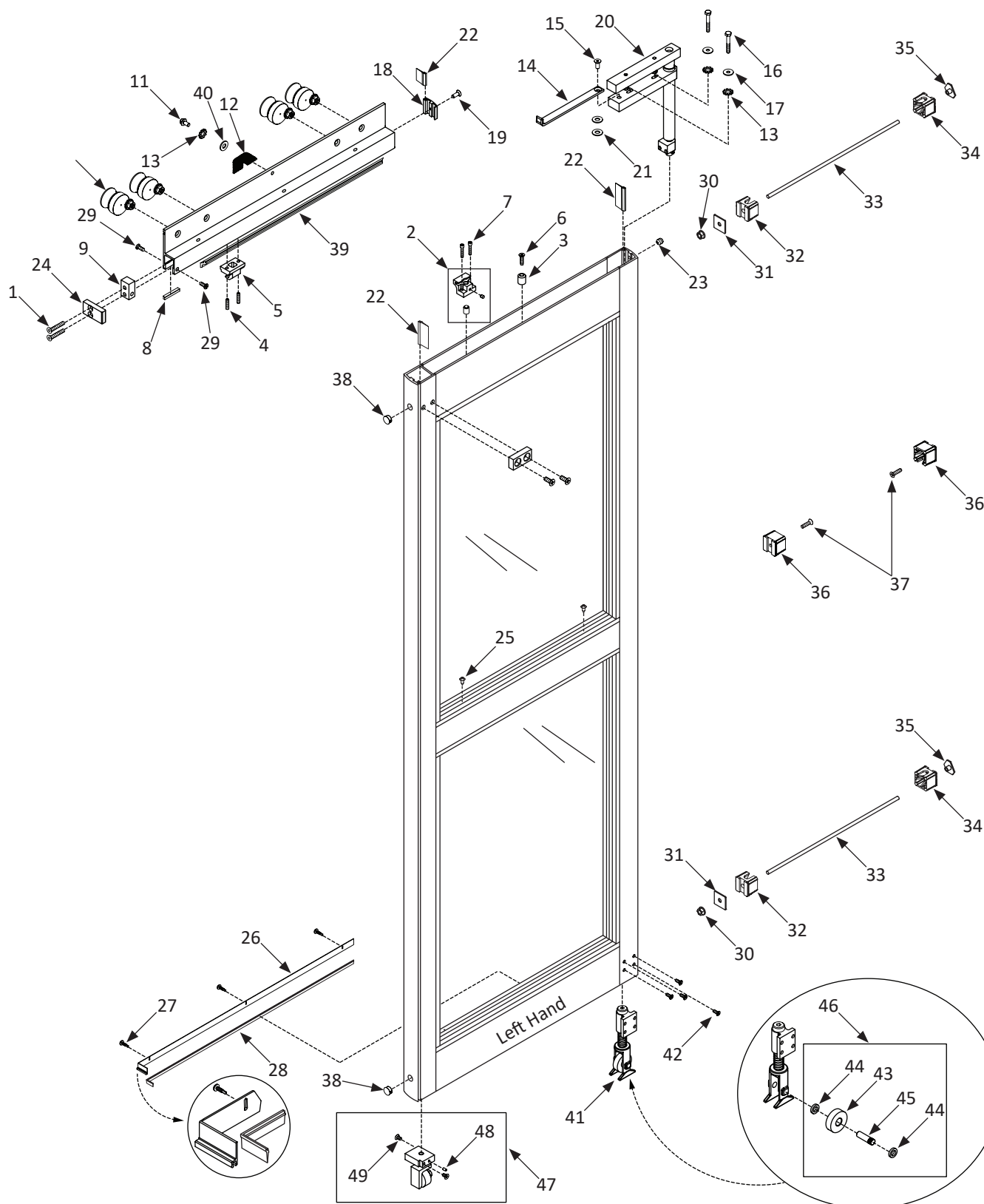
Sold in Parts Bag; P/N 12-11019



DN 0973

SERVICE PARTS: LEFT HAND TRAIL DOOR

Viewed from **Non-Break Out** Side



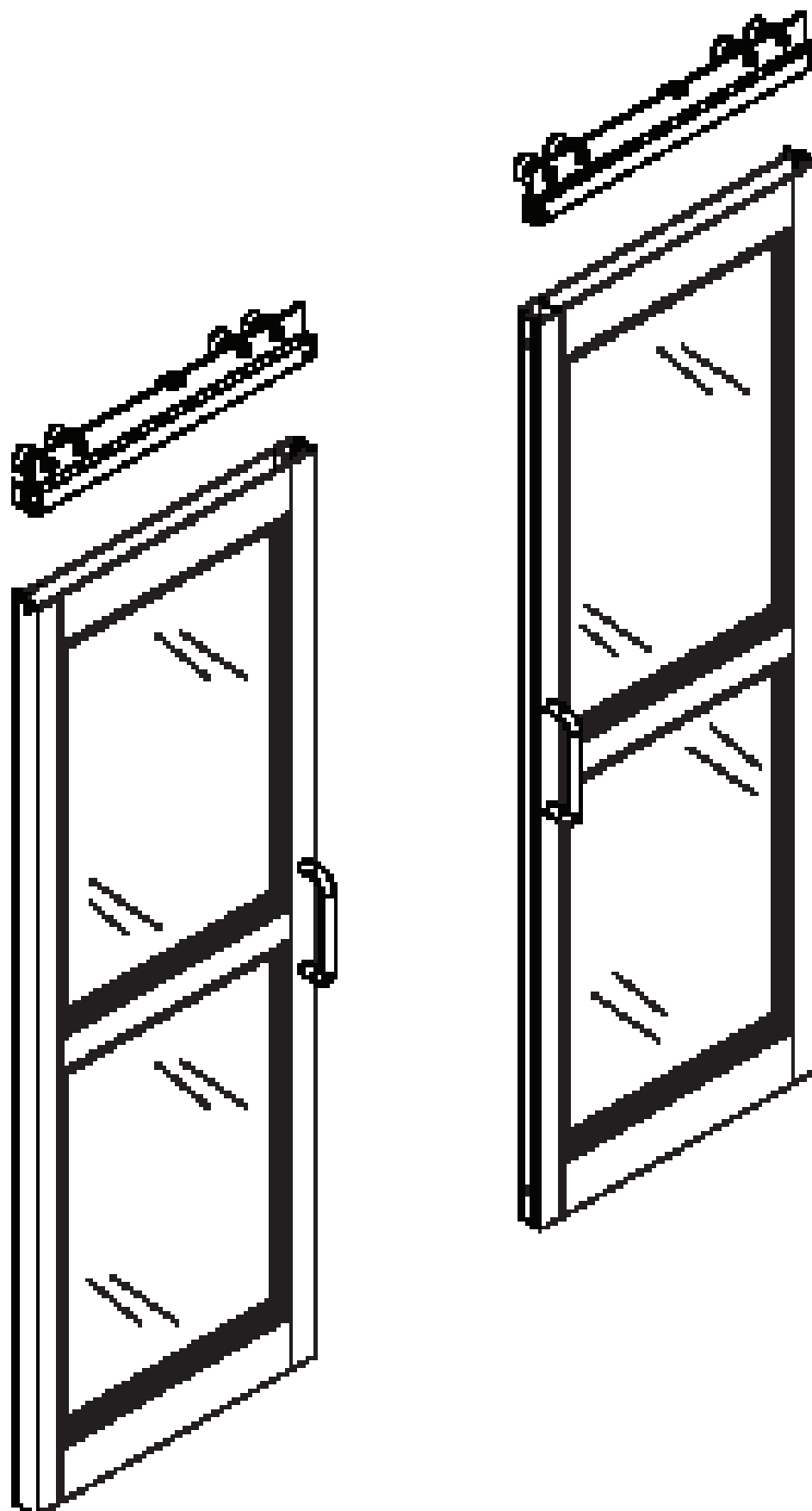
DN 0972

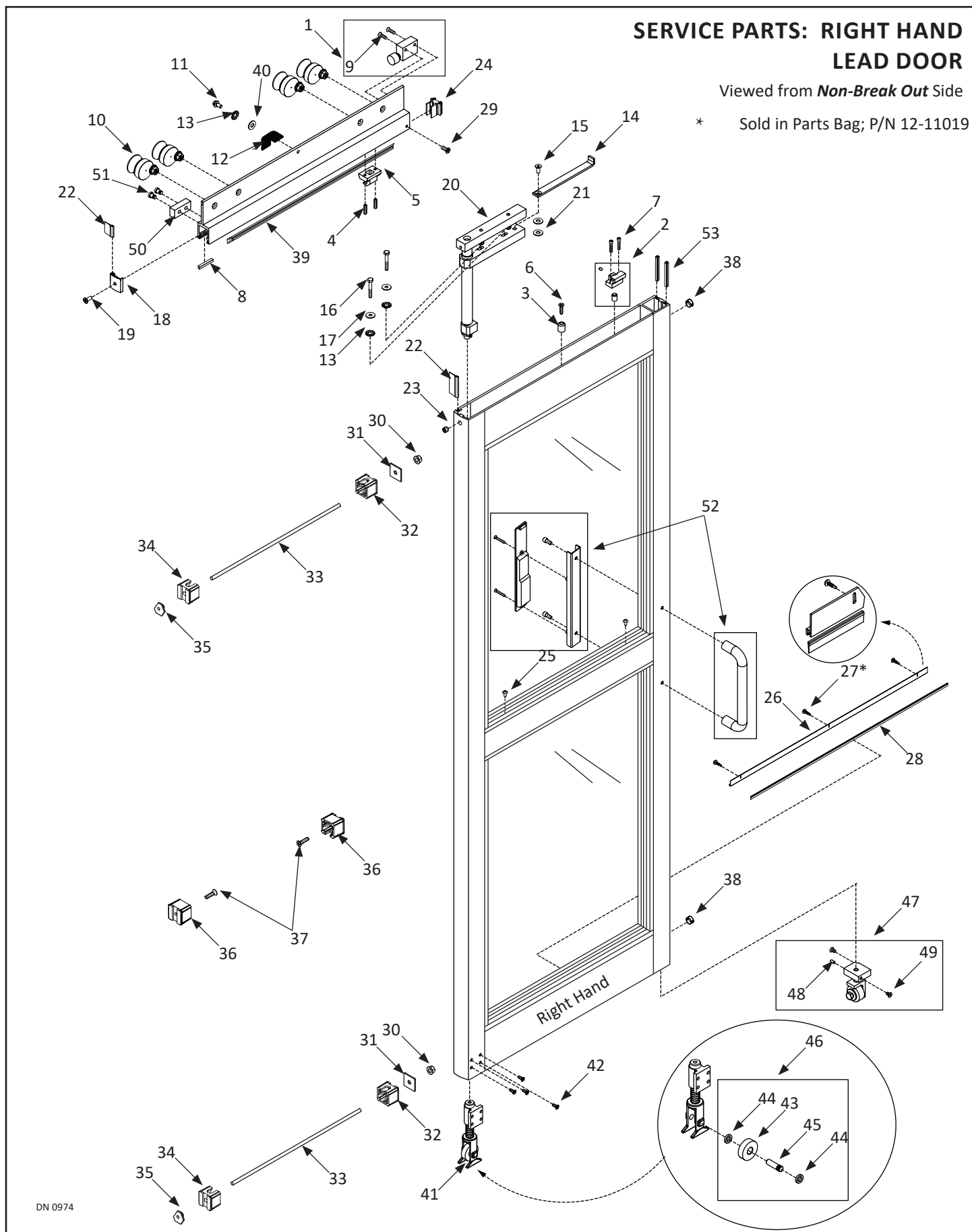
Full Open Trail Door				
Item	Part	Finish/Sizes/Notes	Description	
1	T-00405		"FHMS,1/4-20x1.250L.,SOKT,BK.OX,GR8"	
2	A-00069		PANIC CATCH, BOTTOM	
3	M-00653		BRACKET, LIMIT ARM SUPPORT	
4	T-00091		SHSS,5/16-18x1.250L.,CUP PT.	
5	M-00483		PANIC CATCH RELEASE ASSEMBLY	
6	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC	
7	T-00037		SHCS,1/4-20x1.250L.,ZINC	
8	M-00690		WEATHER, PILE .2	
9	M-01232		STRIKE,MOUNTING ,BLOCK,-COME ALONG	
10	A-00416		ROLLER HANGER,30mm	
11	T-00346	Green	HHCS:1/4-20x0.375L:GREEN:WASH HD:SLOT	
12	M-01275		STATIC ARRESTOR,STRIP 4"	
13	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC	
14	M-00379		LIMIT ARM, STANDARD STILES	
15	T-00018		FHCS,7/16-14x1.000L.,ZINC	
16	T-00028		HHCS,1/4-20x1.750L.,GR5,ZINC	
17	T-00029		WASHER,.250 ID,.563 OD,.049 THK,ZINC	
18	M-01255	Clear	END CAP,7/16x1-7/8,204	
	M-71255	Dark Bronze	END CAP,7/16x1-7/8,313	
19	T-00183	Black Zinc	FHMS,10-32x0.500L.,PHIL,UCUT,23-PT,BLKZN	
	T-00176	Zinc	FHMS,10-32x0.500L.,PHIL,UCUT,23-PT,ZINC	
20	A-00092		CARRIER,PIVOT,NARROW STILE	
	A-00165		CARRIER, PIVOT ASSY, MED STILE	
	A-00168		CARRIER PIVOT ASM. NRW PANEL & STILE	
	A-00172		CARRIER,PIVOT,ASM.,NRW.PNL - MED.STILE	
21	T-00092		WASHER,.438 ID,1.00 OD,.083 THK,ZINC	
22	M-01241	Gray	WEATHERING, VINYL, 9/16IN GRAY FIN	
	M-71241	Black	WEATHERING,VINYL,9/16IN,BLK	
23	T-00019	Black Oxide	SHSS,5/16-24x0.313L.,CUP PT.	
24	A-00923	Clear	"BRACKET,STRIKE,COME ALONG,ZINC PLT."	
25	T-00098		PHSMS,10x0.563L.,PHIL,TYPE A	
26	14-10659-01	LH/Clear	WEATHERING HOLDER	
	14-10659-02	LH/Dark Bronze	WEATHERING HOLDER	
	14-10660-01	RH/Clear	WEATHERING HOLDER	
	14-10660-02	RH/Dark Bronze	WEATHERING HOLDER	
27	T-00222	Zinc	PHSMS,6x0.500L.,PHIL,TEKS,ZINC	
	T-00260	Black Zinc	PHSMS,6x0.500L. PHIL,TEKS BLK ZN	
28	M-01239	Gray	WEATHERING, VINYL, 1IN GRAY FIN	
	M-71239	Black	WEATHERING:VINYL:1.00:BLK	
29	T-00184		FHMS,10-32x0.500L.,PHIL,UCUT,TRI-LOBE,ZN	
30	T-00025		NUT,WHIZLOCK,3/8-16,ZINC	
31	M-00422		PLATE,TIE ROD	

Full Open Trail Door			
Item	Part	Finish/Sizes/Notes	Description
32	M-00461	.386 Hole	CLIP,MUNTIN,.386 HOLE
33	M-00272		3/8-16 THREADED ROD
34	M-00460		CLIP,MUNTIN,.500 HOLE
35	M-00416		T-NUT, 3/8"-16, TIE ROD
36	M-00462	.261 Hole	CLIP,MUNTIN,.261 HOLE
37	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
38	V-00720	.813 Hole	PLUG,HOLE,13/16 DOME
39	24-9094-01	Clear	INTERFACE LEG - 204
	24-9094-02	Dark Bronze	INTERFACE LEG - 313
40	T-00054		WASHER,.281 ID,.625 OD,.065 THK,ZINC
41	A-00063		ROLLER GUIDE,BOTTOM,ASM.

SERVICE

Viewed from

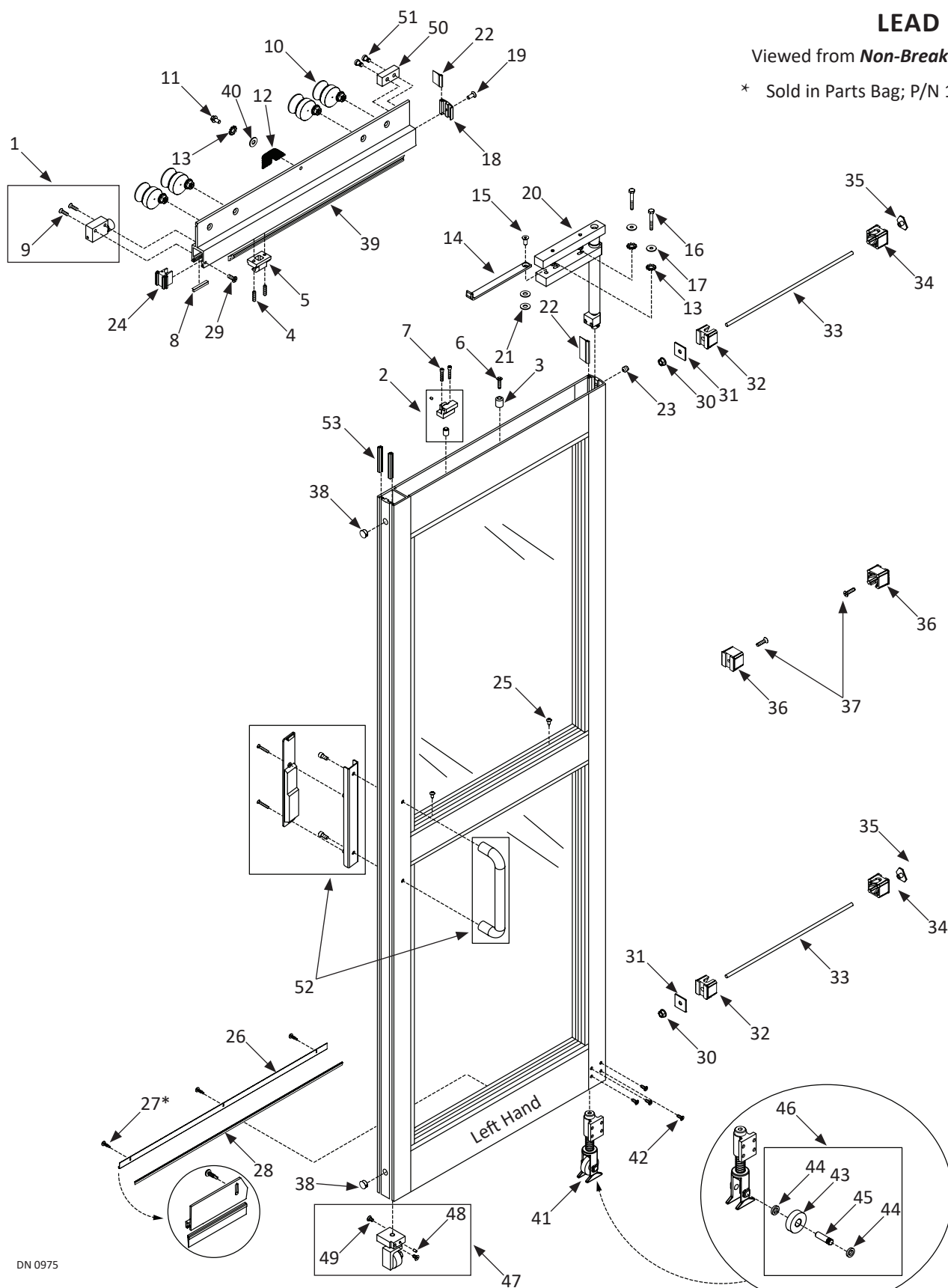




SERVICE PARTS: LEFT HAND LEAD DOOR

Viewed from **Non-Break Out** Side

* Sold in Parts Bag; P/N 12-11019



DN 0975

Full Open Lead Door			
Item	Part	Finish/Sizes/Notes	Description
1	A-00630	Clear	ASM:COME ALONG:204
	A-70630	Dark Bronze	ASM:COME ALONG:313
	A-00515	Clear	COME ALONG,KIT,LH,204
	A-70515	Dark Bronze	COME ALONG,KIT,LH,313
2	A-00069		PANIC CATCH, BOTTOM
3	M-00653		BRACKET, LIMIT ARM SUPPORT
4	T-00091		SHSS,5/16-18x1.250L.,CUP PT.
5	M-00483		PANIC CATCH RELEASE ASSEMBLY
6	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
7	T-00037		SHCS,1/4-20x1.250L.,ZINC
8	M-00690		WEATHER, PILE .2
9	T-00124	Zinc	FHMS,1/4-20x0.875L.,PHIL,ZINC
	T-00432	Black Zinc	"FHMS,1/4-20x0.875L.,PHIL,BK.ZC."
10	A-00416		ROLLER HANGER,30mm
11	T-00346	Green	HHCS:1/4-20x0.375L:GREEN:WASH HD:SLOT
12	M-01275		STATIC ARRESTOR,STRIP 4"
13	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC
14	M-00379		LIMIT ARM, STANDARD STILES
15	T-00018		FHCS,7/16-14x1.000L.,ZINC
16	T-00028		HHCS,1/4-20x1.750L.,GR5,ZINC
17	T-00029		WASHER,.250 ID,.563 OD,.049 THK,ZINC
18	M-01255	Clear	END CAP,7/16x1-7/8,204
	M-71255	Dark Bronze	END CAP,7/16x1-7/8,313
19	T-00183	Black Zinc	FHMS,10-32x0.500L.,PHIL,UCUT,23-PT,BLKZN
	T-00176	Zinc	FHMS,10-32x0.500L.,PHIL,UCUT,23-PT,ZINC
20	A-00092		CARRIER,PIVOT,NARROW STILE
	A-00165		CARRIER, PIVOT ASSY, MED STILE
	A-00168		CARRIER PIVOT ASM. NRW PANEL & STILE
	A-00172		CARRIER,PIVOT,ASM.,NRW.PNL - MED.STILE
21	T-00092		WASHER,.438 ID,1.00 OD,.083 THK,ZINC
22	M-01241	Gray	WEATHERING, VINYL, 9/16IN GRAY FIN
	M-71241	Black	WEATHERING,VINYL,9/16IN,BLK
23	T-00019	Black Oxide	SHSS,5/16-24x0.313L.,CUP PT.
24	A-00400		CARRIER END CAP,STRIKE SIDE,204
	A-00401		CARRIER END CAP,STRIKE SIDE,313
25	T-00098		PHSMS,10x0.563L.,PHIL,TYPE A
26	24-9125-01	LH/Clear	WEATHERING EXT, 204
	24-9125-02	LH/Dark Bronze	WEATHERING EXT, 313
27	T-00222	Zinc	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
	T-00260	Black Zinc	PHSMS,6x0.500L. PHIL,TEKS BLK ZN
28	M-01239	Gray	WEATHERING, VINYL, 1IN GRAY FIN
	M-71239	Black	WEATHERING:VINYL:1.00:BLK

Full Open Lead Door			
Item	Part	Finish/Sizes/Notes	Description
29	T-00184		FHMS,10-32x0.500L.,PHIL,UCUT,TRI-LOBE,ZN
30	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
31	M-00422		PLATE,TIE ROD
32	M-00461	.386 Hole	CLIP,MUNTIN,.386 HOLE
33	M-00272		3/8-16 THREADED ROD
34	M-00460	.500 Hole	CLIP,MUNTIN,.500 HOLE
35	M-00416		T-NUT, 3/8"-16, TIE ROD
36	M-00462	.261 Hole	CLIP,MUNTIN,.261 HOLE
37	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
38	V-00720		PLUG,HOLE,13/16 DOME
39	24-9094-01	Clear	INTERFACE LEG - 204
	24-9094-02	Dark Bronze	INTERFACE LEG - 313
40	T-00054		WASHER,.281 ID,.625 OD,.065 THK,ZINC
41	A-00063	Narrow Stile	ROLLER GUIDE,BOTTOM,ASM.
	A-00692	Medium Stile	CASTED BOTTOM ROLLER GUIDE ASSEMBLY
42	T-00041		FHMS,10-32x0.500L.,PHIL,ZINC
43	A-00198	Clear	NOSE CASTER ASSY, NAR
	A-00207	Clear	NOSE CASTER ASSY, MED
44	T-00105		SHSS,8-32x0.313L.,CUP PT.
45	T-00016		FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,ZINC
	T-00108		FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,BLK ZN
46	M-01194		BUMPER - COME ALONG BRACKET
47	T-00106		SHCS,1/4-20x0.375L,LOW HD.
48	A-00988	Clear	HANDLE,D & RECESSED;KIT,204