



GT2125 Fixed Sidelite, no Track, Telescopic Slide Door

Installation Manual

P/N C-00097 Rev 1-30-23

Nabco Entrances Inc. S82 W18717 Gemini Drive Muskego, Wisconsin 53150
Phone: (877) 622-2694 Fax: (888) 679-3319 www.nabcoentrances.com

Associated Manuals Part Numbers: Manual Slide Door Owner's Manual (P/N C-00189) for Decal Installation

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CHAPTER 1: WARNING LABELS

Warning labels are universal and used to alert an individual of potential harm to one's self or to others. The following warning labels are listed in a hierarchy order that defines the most potential danger first, and the least potential danger last. Please refer to this page in the event that a warning label is displayed within this manual and further definition needs to be explained.

DANGER

Indicates potentially dangerous situations. Danger is used when there is a hazardous situation where there is a *high* probability of severe injury or death. It should not be considered for property damage unless personal injury risk is present.

WARNING

Indicates a hazardous situation which has *some* probability of severe injury. It should not be considered for property damage unless personal injury risk is present.

CAUTION

Indicates a hazardous situation which *may result in a minor injury*. Caution should not be used when there is a possibility of serious injury. Caution should not be considered for property damage accidents unless a personal injury risk is present.

Attention: A situation where material could be damaged or the function impaired.

Notice: Indicates a statement of company policy as the message relates to the personal safety or protection of property. Notice should not be used when there is a hazardous situation or personal risk.

Note: Indicates important information that provides further instruction.

CHAPTER 2: 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

Indicates a hazardous situation which has *some* probability of severe injury. It should not be consider

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 3: SCOPE

SECTION 3.1: 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. Use them in addition to the ANSI Standard Z97.1 which covers the installation of all installed glass. 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 3.2: Objective

The GT-1175 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 4: GETTING STARTED

SECTION 4.1: 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 4.2: 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:

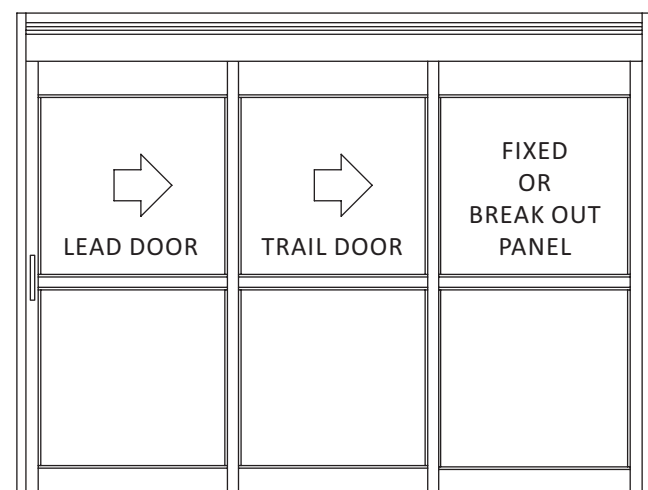
1. Open the NABCO Website: www.nabcoentrances.com
2. Enter the “myNABCO” portal → Request Access → Fill out the Request Access Form → Click onto Register
 - a. A User Name and Password will be emailed back to the requestor.

SECTION 4.3: Type of Unit

- ▶ Mechanical Configurations:
 - Single Slide: (1) Slide door and (1) Trail door slides to the right or left with (1) Sidelite panel.
 - Bi-Part: (2) Slide doors and (2) Trail doors slide apart from the center with (2) Sidelite panels.
- ▶ Emergency Egress:
 - Fixed Sidelite: Secured to the Header and Jamb Tube. Only the Slide door can breakout for emergency egress.

CHAPTER 5: ASSEMBLE THE DOOR FRAME

Example Shown:
Exterior Side of Door



DN 0675

Figure 1

SECTION 5.1: Prepare the Door Frame

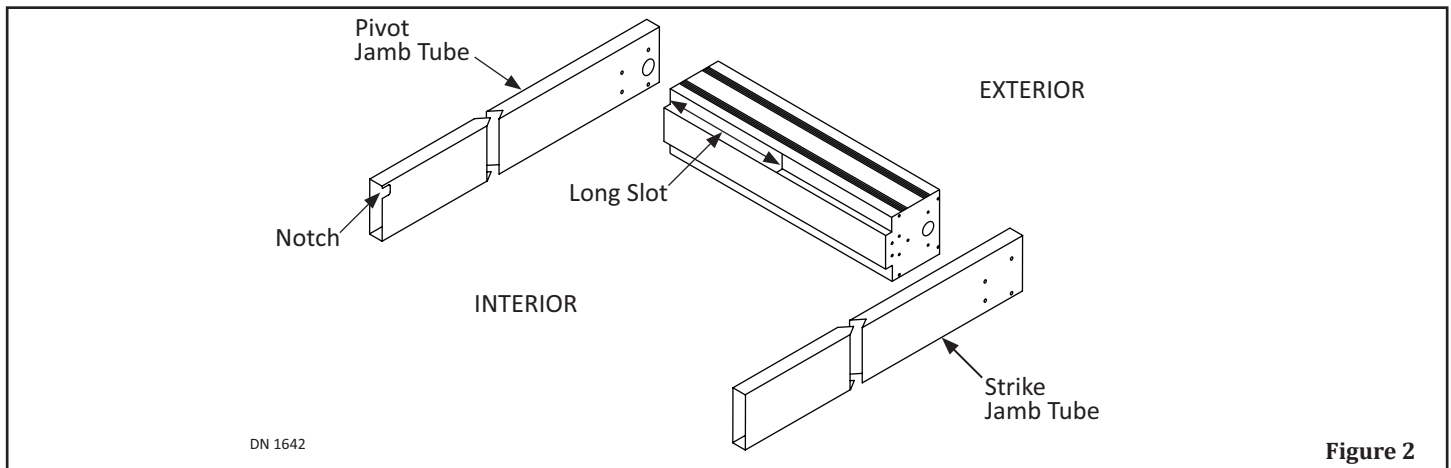


Figure 2

Attention: Sidelite side of Header (with Long Slot) must face the Interior side of building.

1. Place the Header on the floor so the Access Cover with (1) long slot is facing "Up".
 - a. The long slot (located behind the Sidelite) allows the Header Cover to open/close without obstruction.
2. Lay down the Pivot Jamb Tube next to the Pivot Side of Header, so the Notch at the bottom is facing inside the Door Frame and be "Up" from the floor.
 - a. Notch is used to allow the Roller Wheel to partially enter so the Slide Door can fully open.
3. Lay down the Strike Jamb Tube so the inside face is next to the Strike Side of Header.
4. Align pre-drilled screw holes located on Jamb Tubes with End Caps 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.

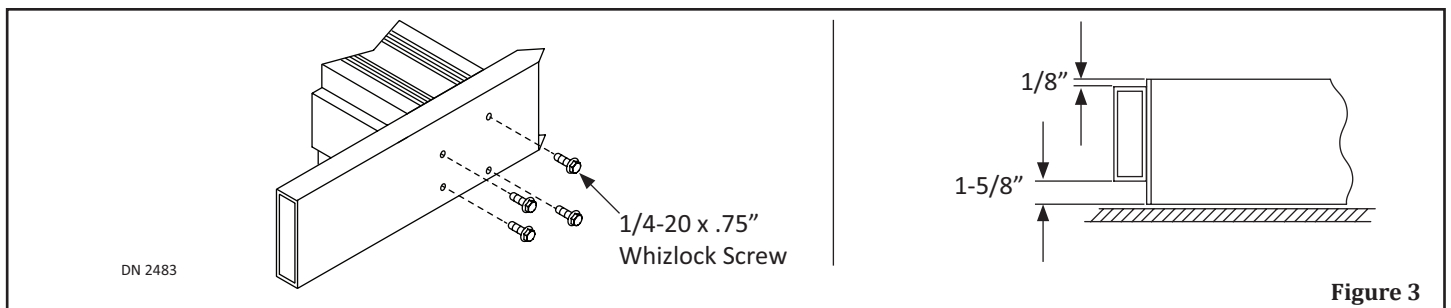


Figure 3

CHAPTER 6: INSTALL DOOR FRAME

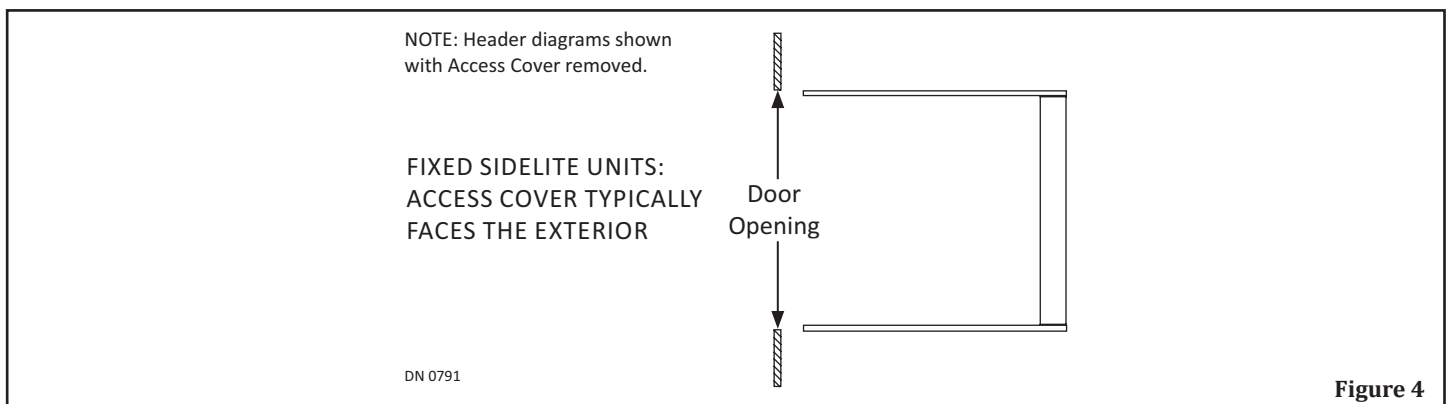


Figure 4

- Orientate the Door Frame in relation to the building.
 - Full Open: Sidelite Side of Header (with Notch) must face the Exterior side of building.
 - Fixed Sidelite: Sidelite Side of Header (with Long Slot) must face the Interior side of building.
- Go to the Header Cover (with Notch/Long Slot). Remove (2) 10-24 x 0.625 inch Screws from the Bottom Lip.
- Lift the Header Cover "Up" then pull it out.

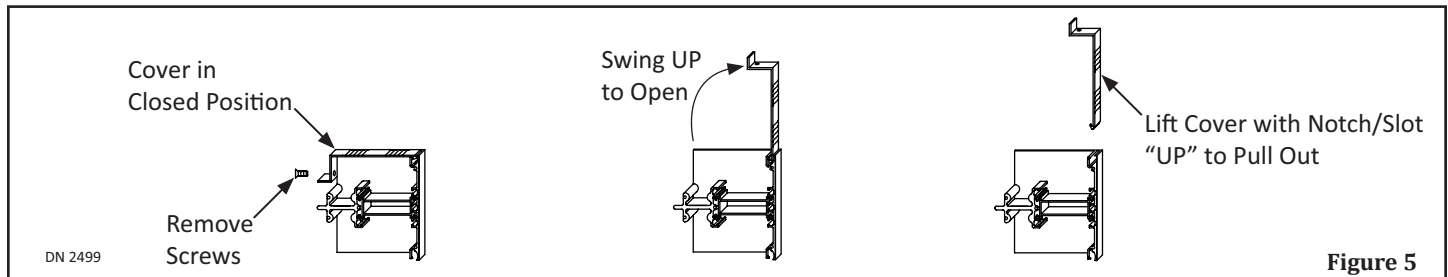


Figure 5

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

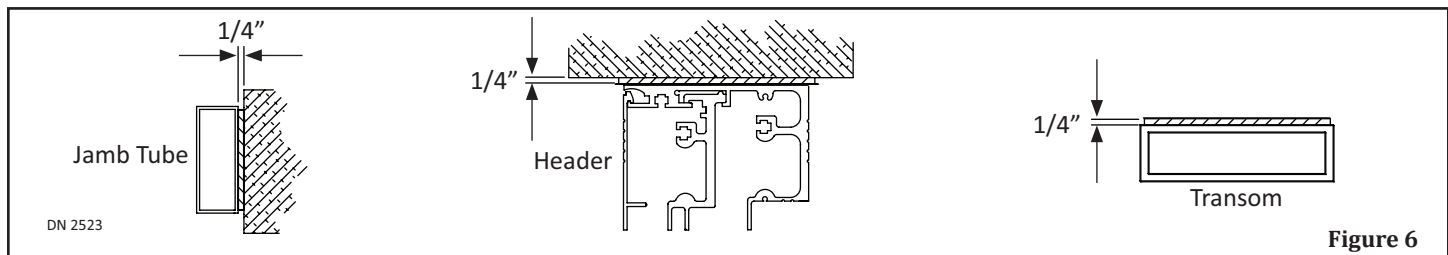


Figure 6

SECTION 6.1: Secure Door Frame with Anchors

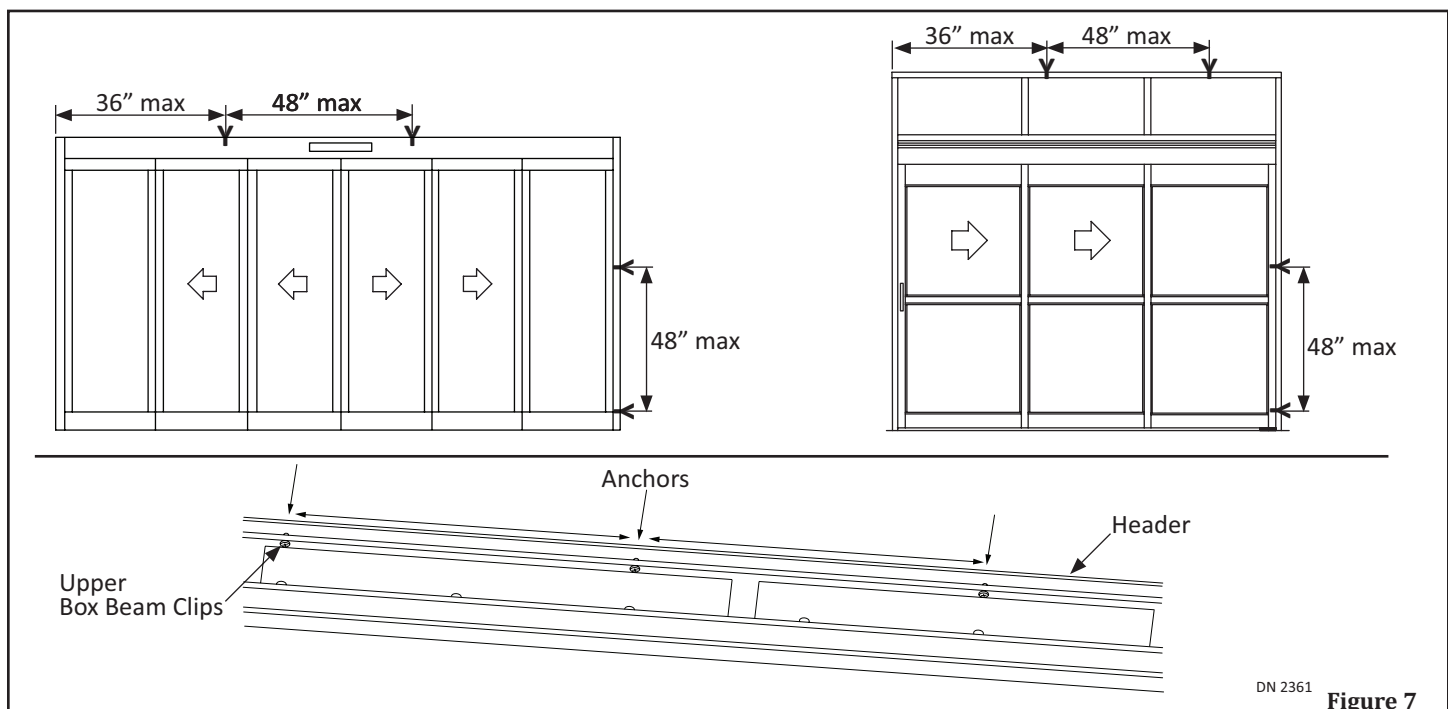


Figure 7

- 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.

6.1.1 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.

6.1.2 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".

CHAPTER 7: INSTALL THE SIDELITE

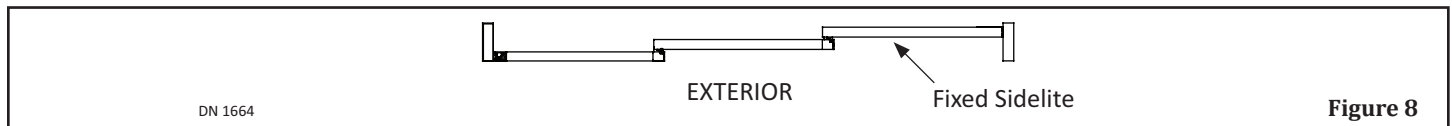


Figure 8

1. Go to the Pivot Jamb Tube. Locate (2) pre-installed Mounting Brackets.
2. Slide the Sidelite Panel onto the Mounting Brackets. The Mounting Bracket must go through the cutout clearance and be flush against the inside wall.
3. Temporarily secure the Sidelite Panel to the Mounting Brackets with 1/4-20 x 1/2 inch Socket Head Screws.

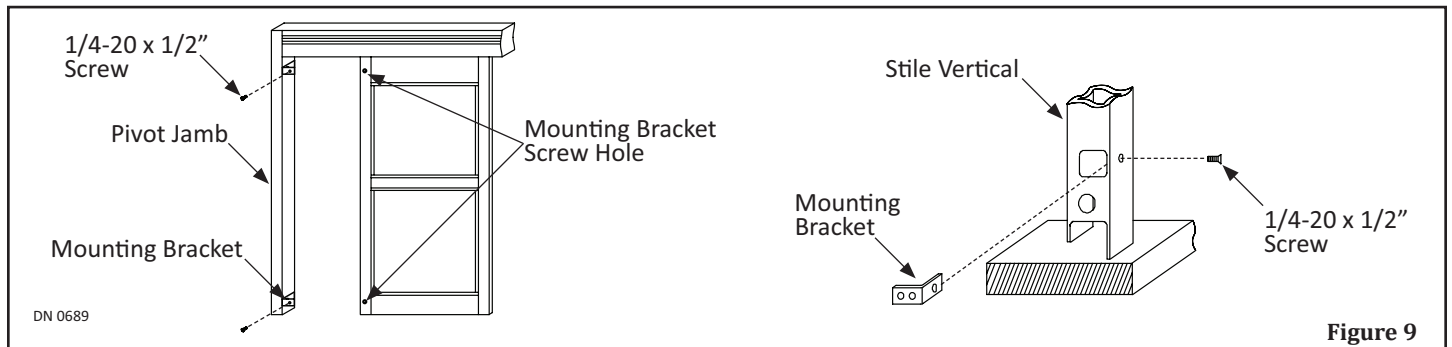


Figure 9

4. Snap a chalk line between Jamb tubes in front of Sidelite Panel.
 - a. If the Sidelite Panel runs parallel to the chalk line it is square.
 - b. If the Sidelite Panel is not parallel to the chalk line make necessary adjustments until it is.

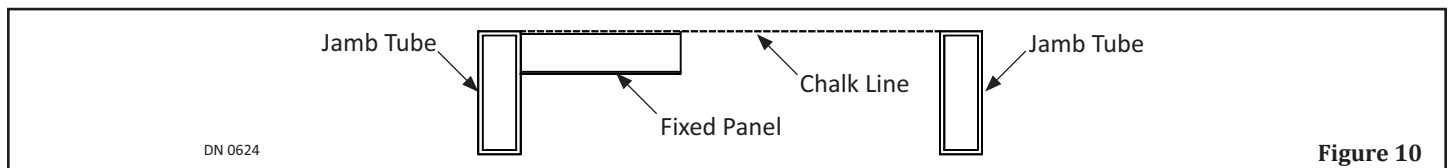


Figure 10

5. Go to the bottom of the Fixed Sidelite, Strike Stile. Remove the End Cap Cover and End Cap Bracket.

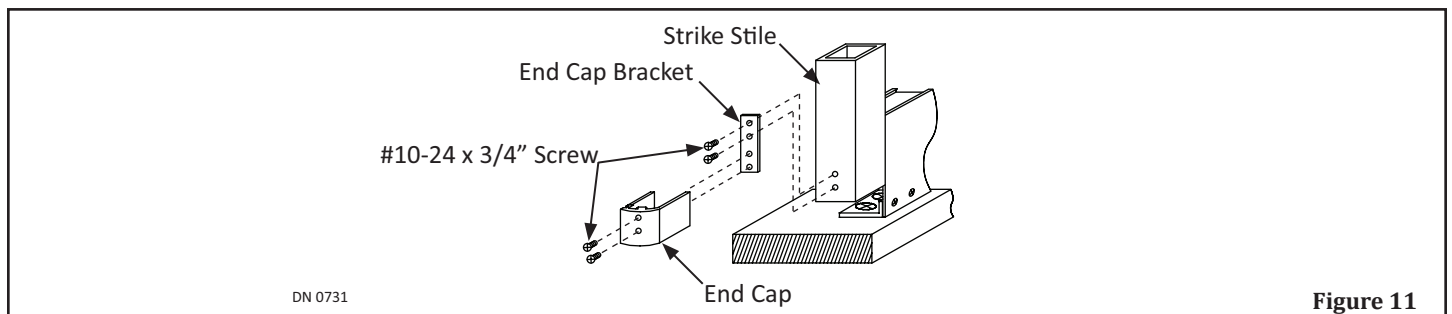


Figure 11

6. Slide the Floor Mounting Bracket underneath the Bottom Rail.
7. Temporarily secure the Mounting Bracket to the Sidelite Panel with (2) #10-24 Flat Head screws.
8. Trace the Mounting Bracket onto the flat surface while holding the Sidelite Panel parallel to the chalk line.
9. Remove the Sidelite from all Mounting Brackets.
10. Mark and drill (2) #14 x 1-1/2 inch screw holes into the floor at least 1-1/2 inch deep.
11. Insert (1) Anchor into each hole. Secure the Floor Mounting Bracket to the floor with (2) #14 x 1-1/2 inch Flat Head screws.
12. Permanently secure the Sidelite Panel to all (3) Mounting Brackets.

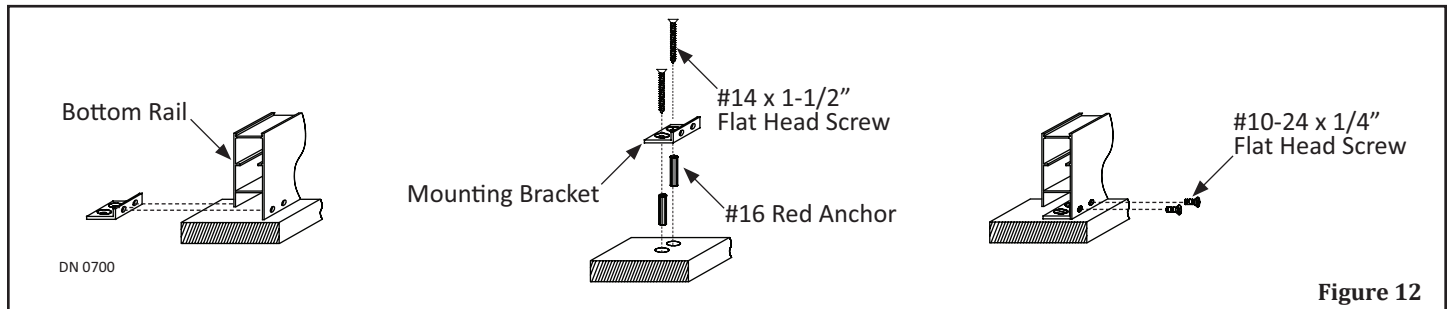


Figure 12

13. Secure the Top Mounting Bracket to Strike Stile with (1) 1/4-20 x 1/2 inch Flat Head screw.
 - a. There will be a gap between the bottom face of the Mounting Bracket and top face of Strike Stile.
14. Temporarily replace the Header Cover. The Cover will swing under the Mounting Bracket.

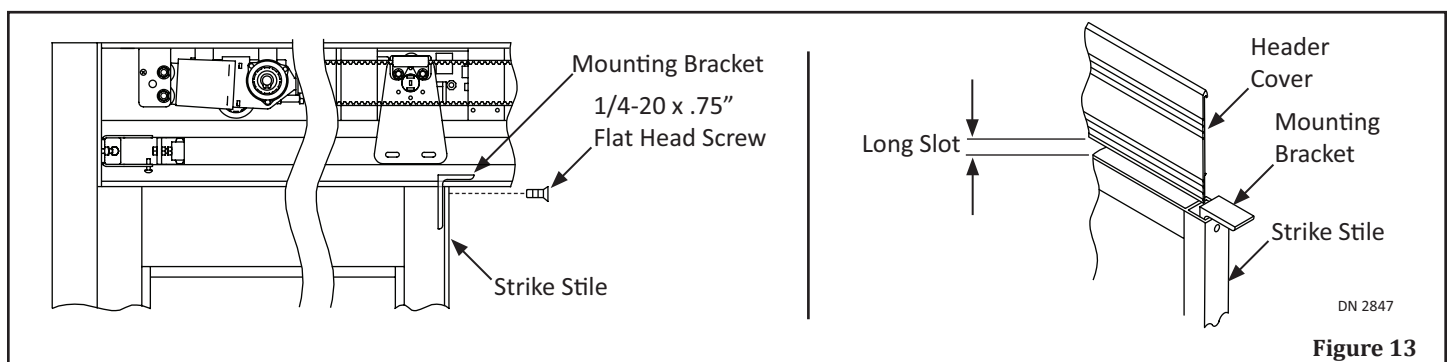


Figure 13

15. Drill (1) .150 screw hole through the bottom Lip of Cover and Mounting Bracket.
 - a. Ensure the Header Cover is fully closed and square.

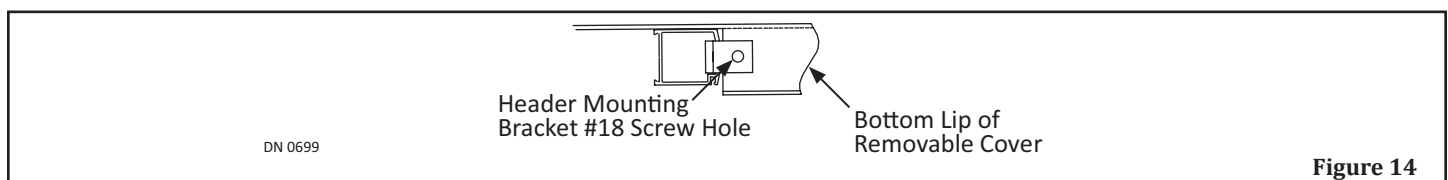


Figure 14

16. Temporarily secure the Top Mounting Bracket to the bottom Lip of the Header Cover with (1) #10-24 X .625 inch screw.
 - a. The Header Cover will need to be removed before installation is complete.

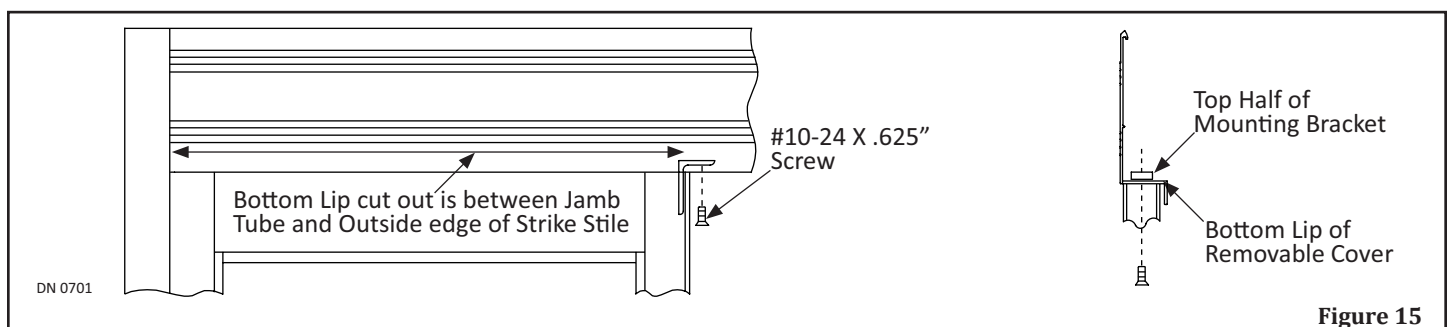


Figure 15

CHAPTER 8: INSTALL THE TRAIL DOOR

CAUTION

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

Note: The Trail Door must always be installed on opposite side of the VS-150 Drive Pulley.

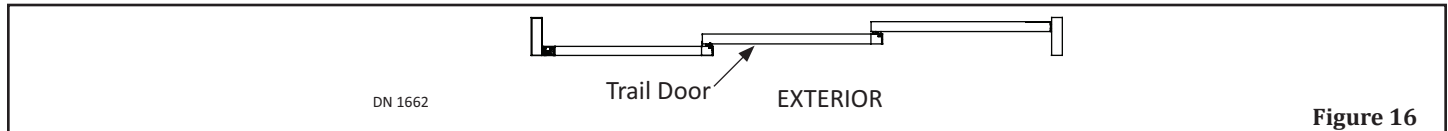


Figure 16

1. Open, and remove the Header Cover on the INTERIOR side of Building.

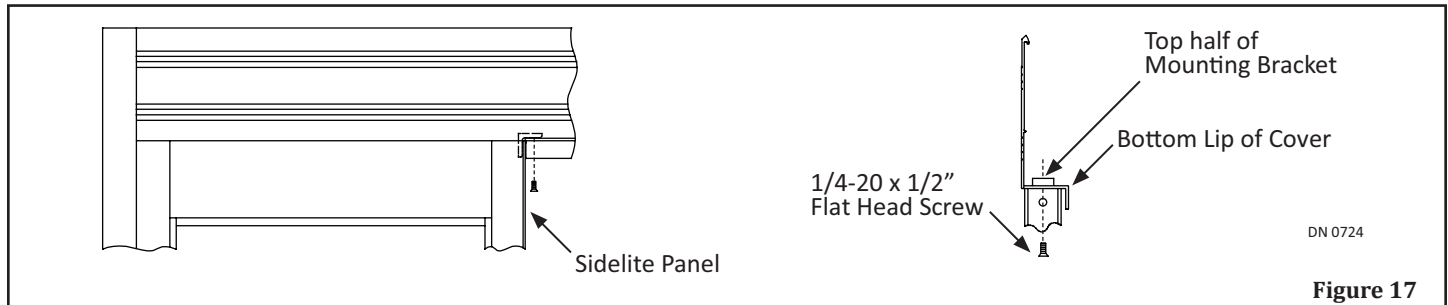


Figure 17

2. Cover the Fixed Sidelite with cardboard on the side that will face the Trail door.
3. Go to the Carrier on top of the Trail Door.
4. 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.

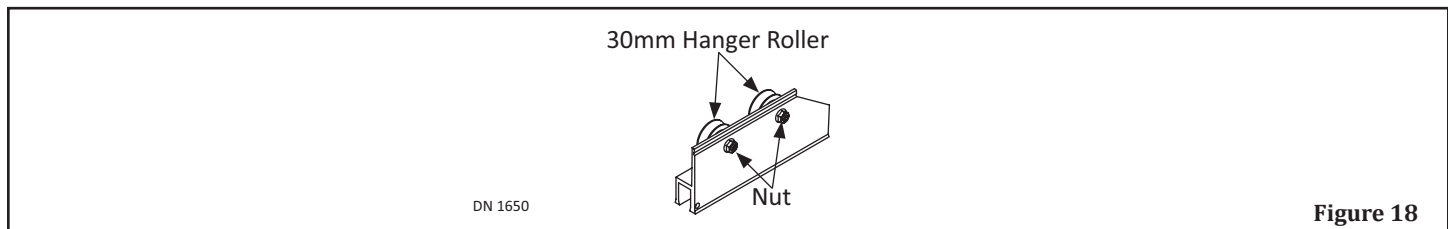


Figure 18

5. 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.

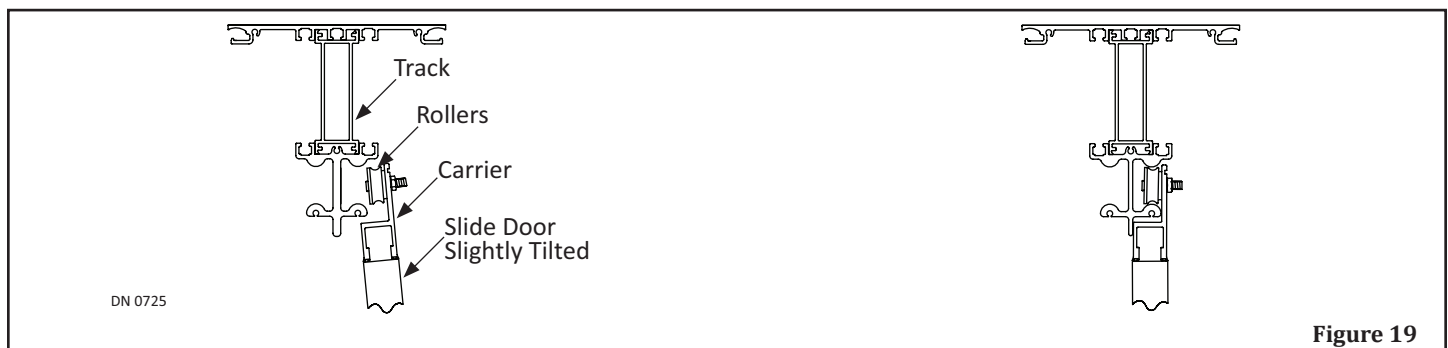


Figure 19

6. Secure each Belt Clip to the Carrier with (2) 1/4-20 x 3/4 inch Whiz-Lock screws.

Example Shown:
2 Belt Clip Brackets (Bi-Part Slide Doors)

DN 2341

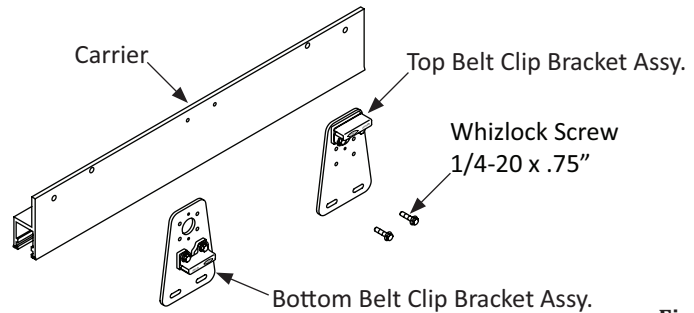


Figure 20

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

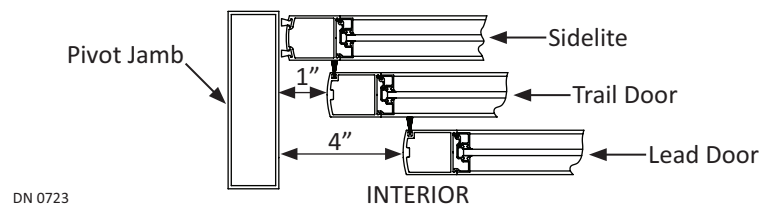
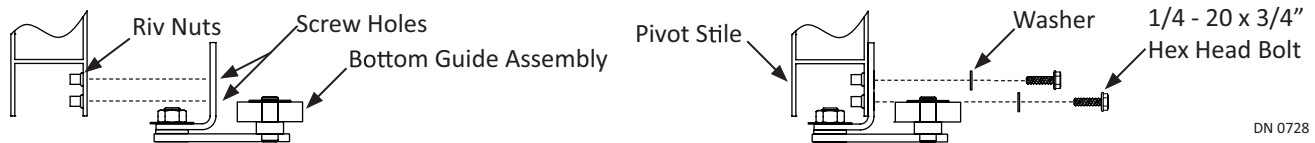


Figure 21

8. Obtain the Bottom Guide. For Bi-Part Slide doors a Left Hand and a Right Hand Bottom Guide will be provided.
9. Secure the Bracket part of the Bottom Guide to the **Pivot** Stile with (2) 1/4 inch Washers and (2) 1/4 - 20 x 1 inch Screws.
10. Slide the Bottom Guide Rollers inside the Fixed Sidelite, Bottom Rail until it is at least in, halfway over to the Pivot Stile.



DN 0728

Figure 22

11. Replace and secure the End Cap Bracket to the Strike Stile with (4) #10-24 x 3/4 inch Flat Head screws.

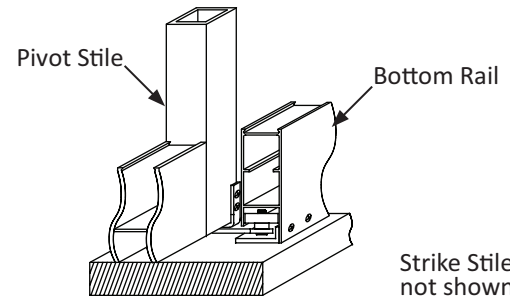
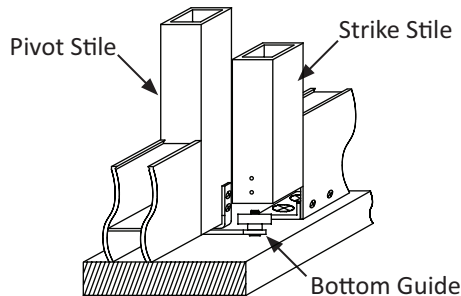
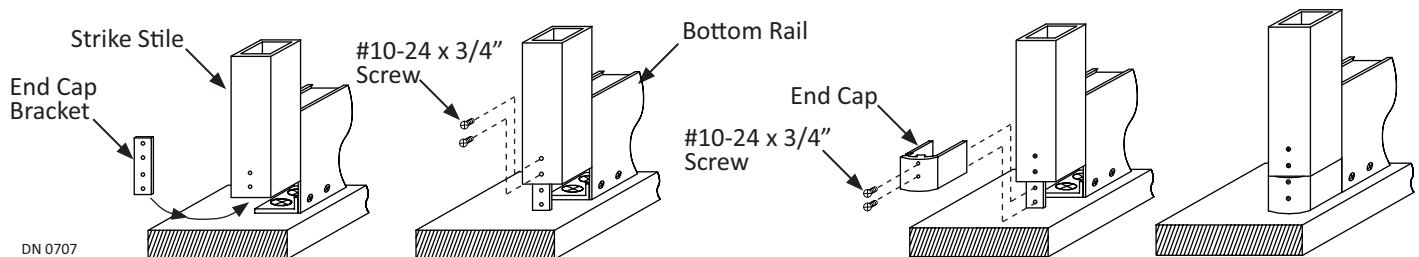
Strike Stile
not shown

Figure 23

12. Replace the End Cap Bracket to the Strike Stile. Secure the End Cap with (4) #10-24 x 3/4 inch Flat Head screws.



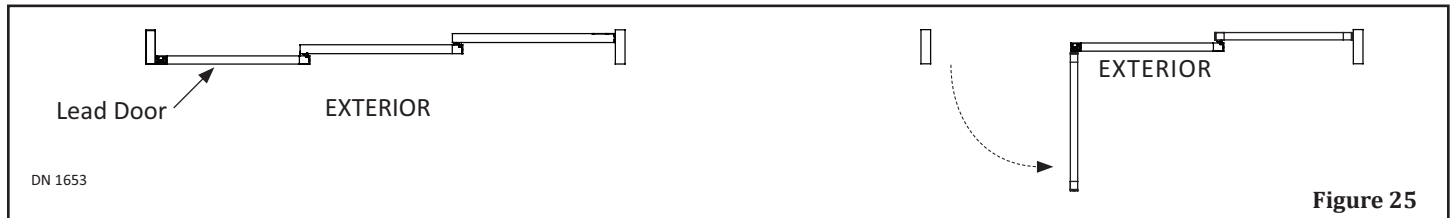
DN 0707

Figure 24

CHAPTER 9: INSTALL THE LEAD DOOR

CAUTION

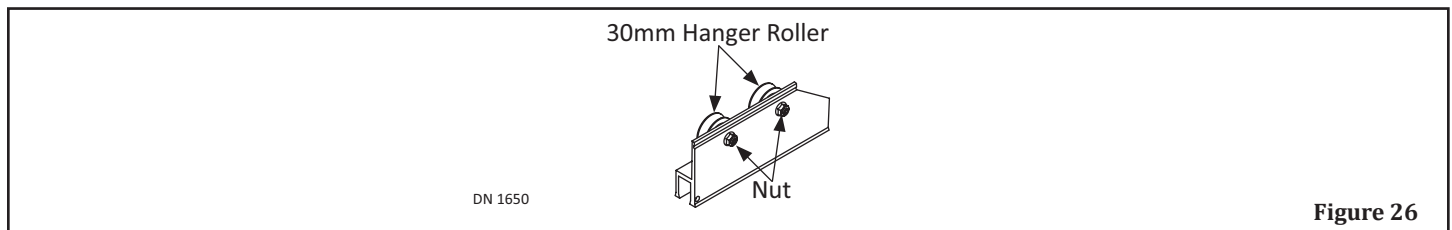
Do not test Breakout until all adjustments are made and doors are secured.



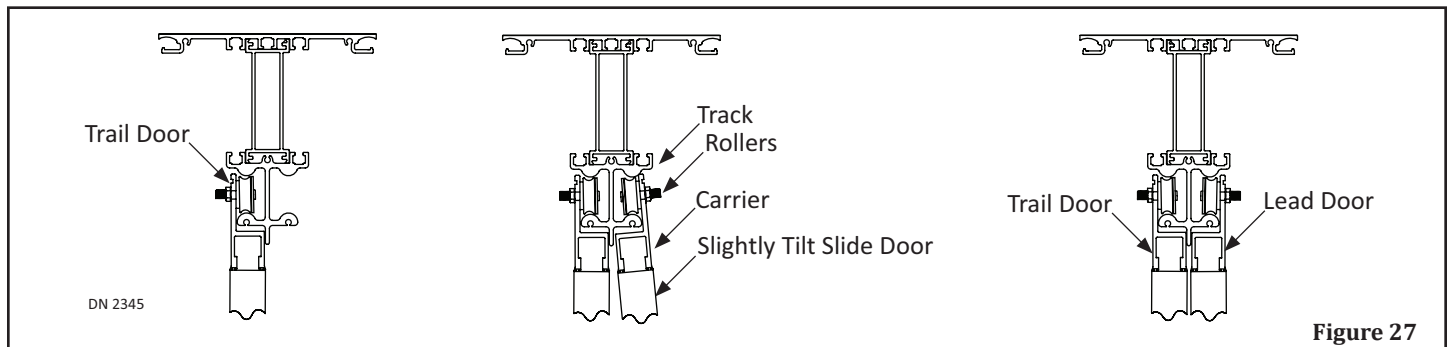
1. Open, and remove the Header Cover on the EXTERIOR side of Building.
2. Cover the Trail door with cardboard on the side that will face the Lead door.
3. Go to the Carrier on top of the Lead Door.
4. Loosen (1) 5/16-18 Whiz Lock Nut on each Roller by inserting (1) 5/32" Allen wrench into the exposed 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

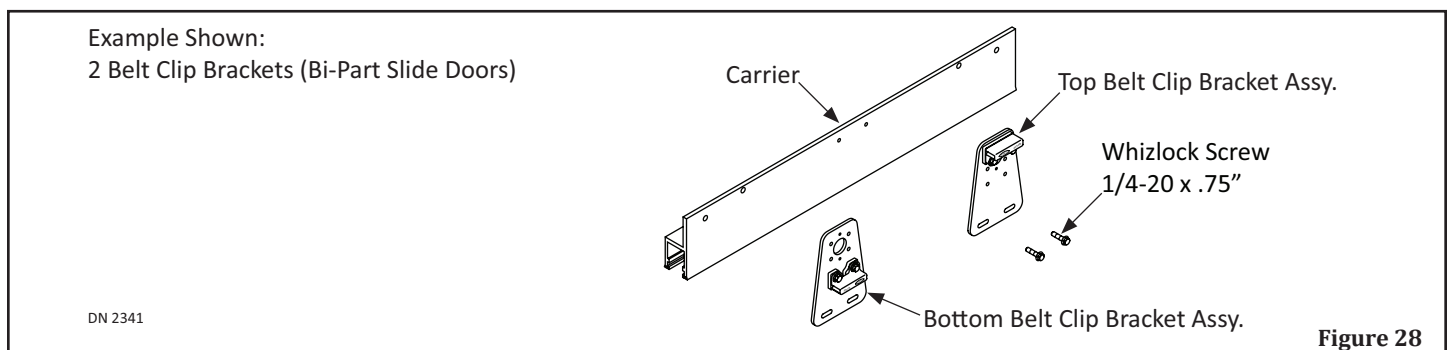
Do not rotate the Roller Axle counter-clockwise. Doing so will unthread the Axle from the Roller Assembly.



5. 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.



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



7. Go to the bottom of Trail Door Strike Stile. Remove the Bottom Guide Cover Plate. Set aside.

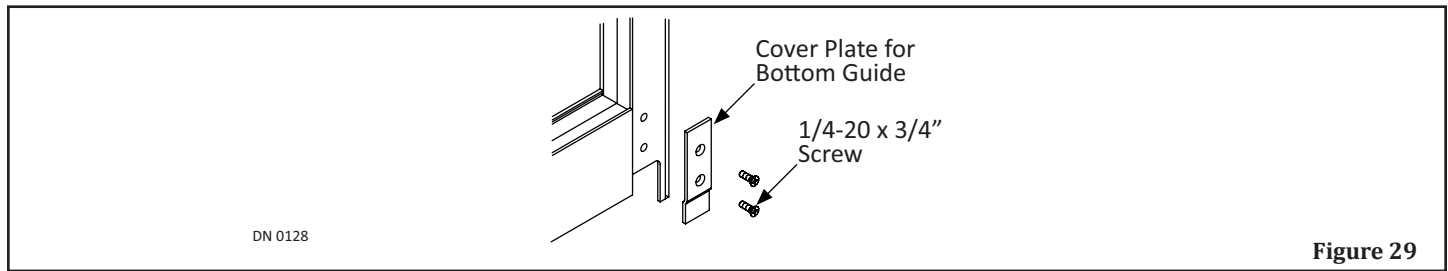


Figure 29

8. Obtain the Bottom Guide.
 - a. For Bi-Part Slide doors a Left Hand and a Right Hand Bottom Guide will be provided.
9. Install the Bottom Guide Assembly by sliding (2) rollers into the Bottom Rail of the Trail door so the Bracket sticks out from underneath (in direction of where the Lead door is to be installed).
10. Use the Bracket to slide the Bottom Guide Double Roller Assembly towards the Pivot Stile.

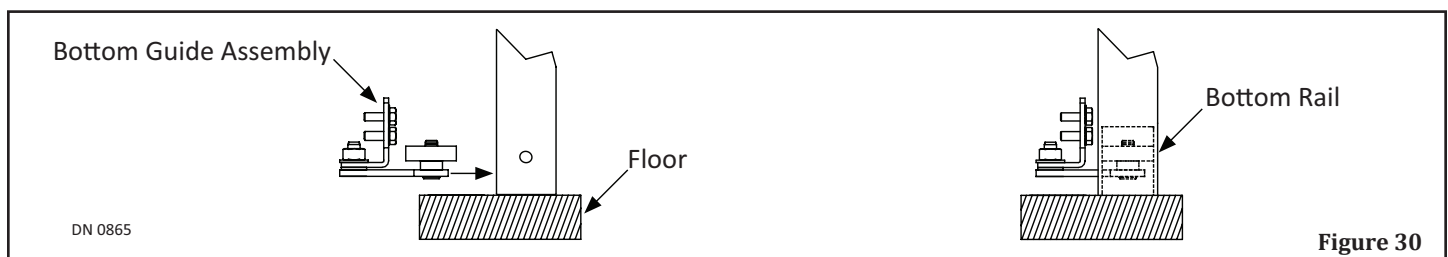


Figure 30

11. Secure the Bracket part of the Bottom Guide to the Pivot Stile of the lead Door with (2) 1/4 inch Washers and (2) 1/4 - 20 x 1 inch Screws.

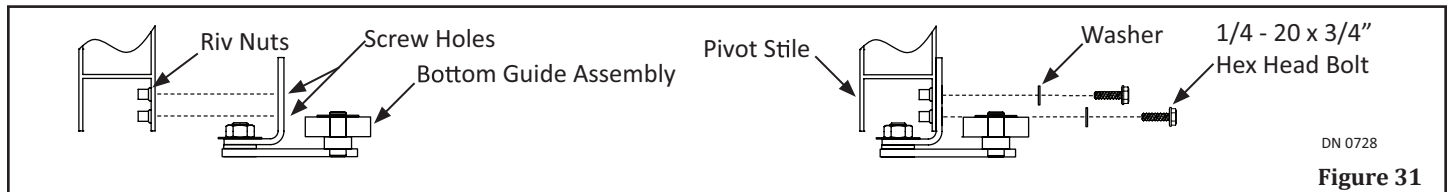


Figure 31

12. Please refer to "SECTION 20.2: Complete the Transom Installation" to adjust the Lead Door.
13. Adjust the Door Stop so the Fully Open position for the Lead Door stops 4 inches away from the Pivot Jamb.

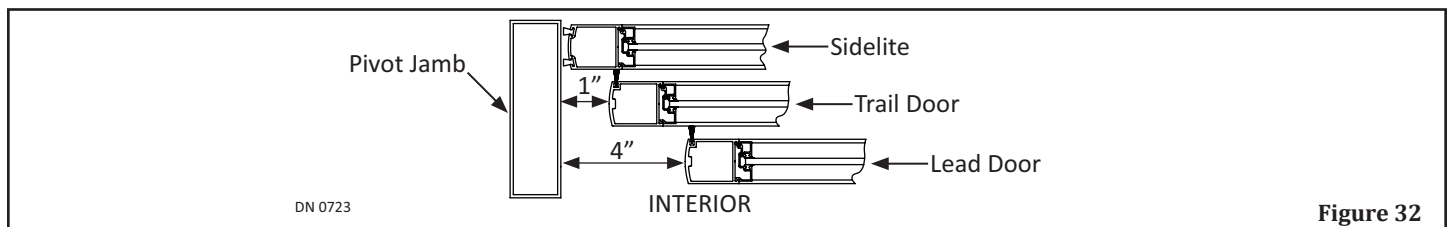
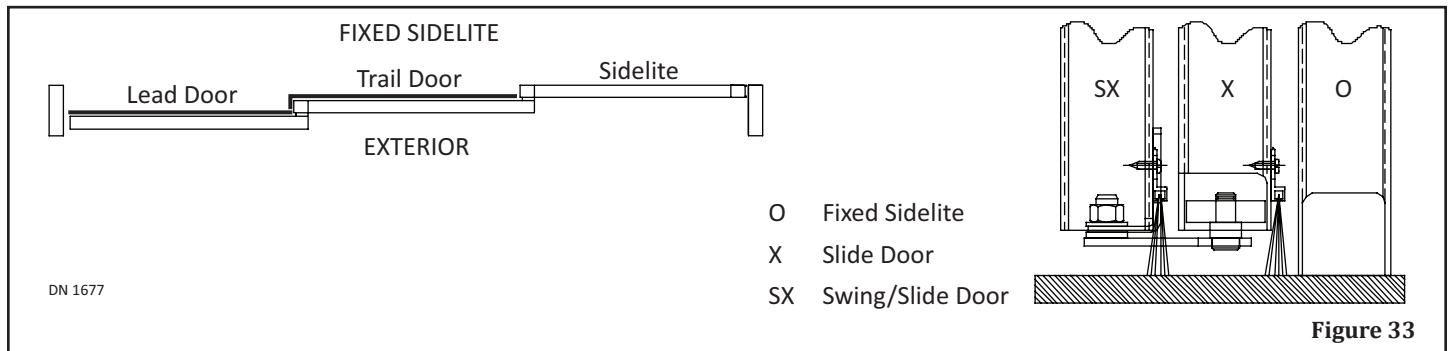


Figure 32

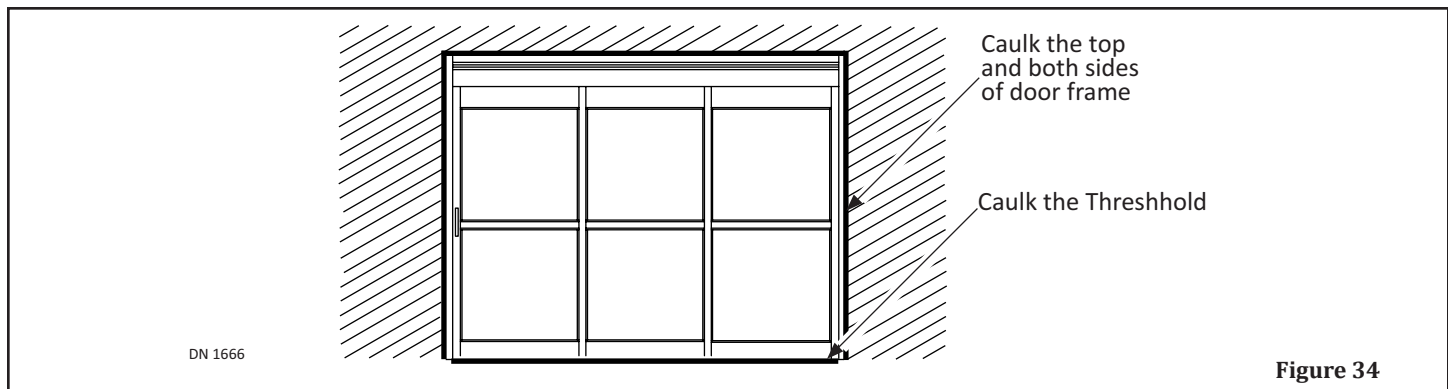
CHAPTER 10: INSTALL WEATHERING

SECTION 10.1: Door Panels

1. Go to the **INTERIOR** side of building.
2. Break Open the Lead Door. Secure (1) Straight Brush Holder to the Bottom Rail with #6 x 1/2 inch self tapping screws.
3. Break Open the Trail Door. Secure (1) Bent Brush Holder to the Bottom Rail with #6 x 1/2 inch self tapping screws.
 - a. The Bent End of Brush Holder wraps around the Strike Stile.



SECTION 10.2: 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 11: GLAZING

CAUTION

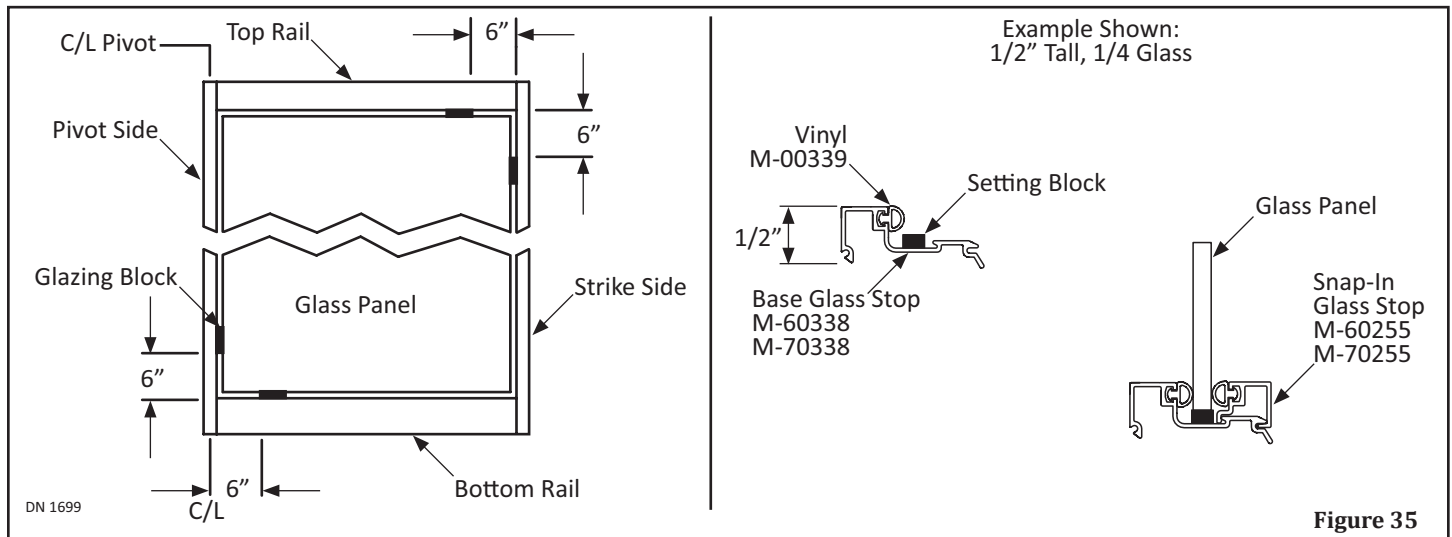
Use caution when moving and installing the glass panels. These panels are constructed with tempered glass. Any sharp objects that come in contact with the glass may cause the glass to break. NABCO Entrances, Inc. is not responsible for broken glass.

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 11.1: Door Panel

Note: 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.
 1. Measure (6) inches across from the Strike End of Top Rail, towards the Pivot Stile. Mark that spot.
 2. Measure (6) inches down from the Strike End of Top Rail towards the Bottom Rail. Mark that spot.
3. Go to the PIVOT side of panel at the BOTTOM.
 1. Measure (6) inches across from the Pivot End of Bottom Rail, towards the Strike Stile. Mark that spot.
 2. Measure (6) inches up from the Pivot End of Bottom Rail, towards the Top Rail. Mark that spot.
4. For each marked spot, place (1) Setting Block (not provided by NABCO) on top of the Base Glass Stops.
5. Place the Glass Panel on top of the Setting Blocks and up against the Vinyl.
6. Shift the Glass Panel until it is square. Secure the Glass Panel with Snap-In Glass Stops.
7. 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).



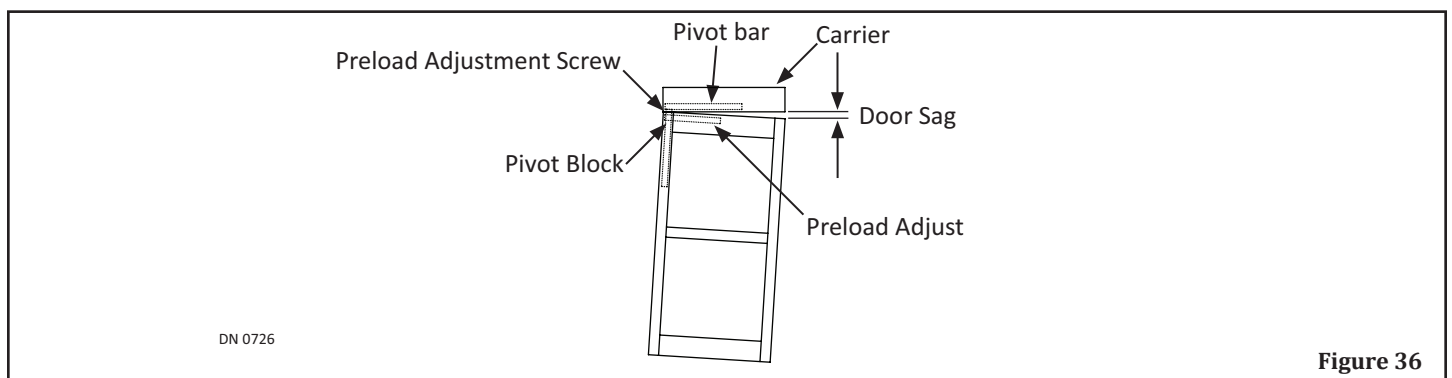
SECTION 11.2: Complete the 1/4" Glass Stop Flush Glazing

1. Place the Glass Panel so it butts "Up" against the Vinyl.
2. Carefully move the Glass Panel "Up" into the pocket of the Transom Horizontal.
3. Shift the Glass Panel in and out of the pockets until it is square.
 - a. Pockets within the Transoms are deep enough to allow the Glass Panel to be shifted for proper alignment.
4. Place Setting Blocks onto the Base Glass Stops near Jamb Tubes for proper weight distribution.
5. Secure the Glass Panel with Snap-In Glass Stops.

CHAPTER 12: ADJUSTMENTS

SECTION 12.1: 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.

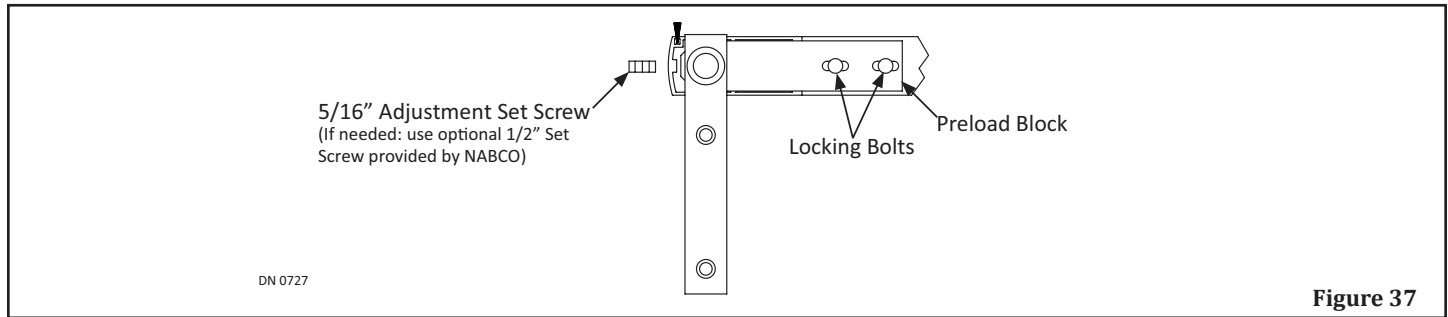


Figure 37

SECTION 12.2: Adjust Horizontal Position of Carrier

Attention: Adjust Preload before adjusting position of Carrier.

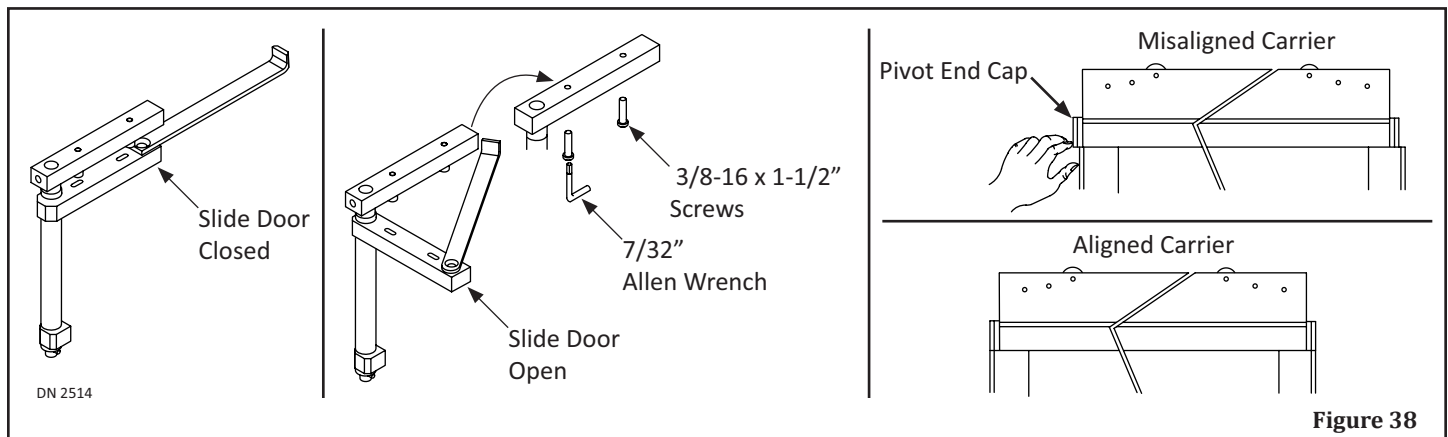


Figure 38

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:
 1. Go inside the Carrier. Locate the Upper Panic Catch. Loosen (2) 5/16-18 x 1.25" Set Screws.
 2. Slide the Upper Panic Catch to the right or to the left until it is aligned to the Lower Panic Catch. Tighten Set Screws.

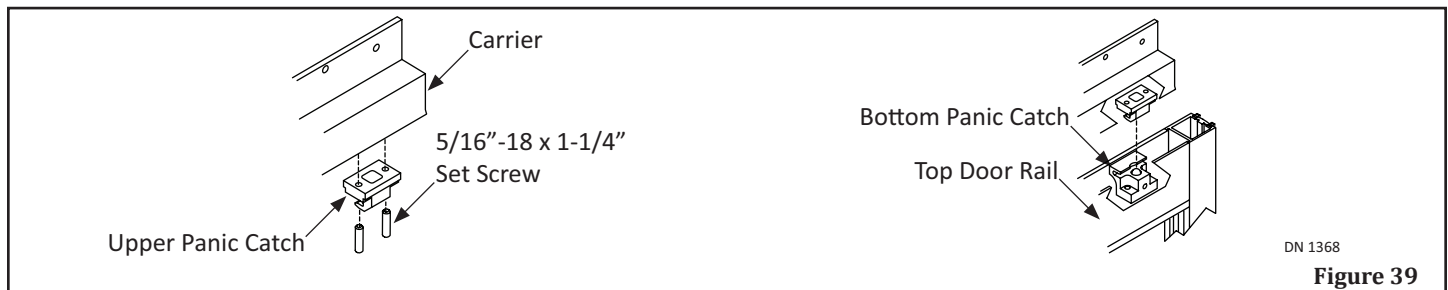
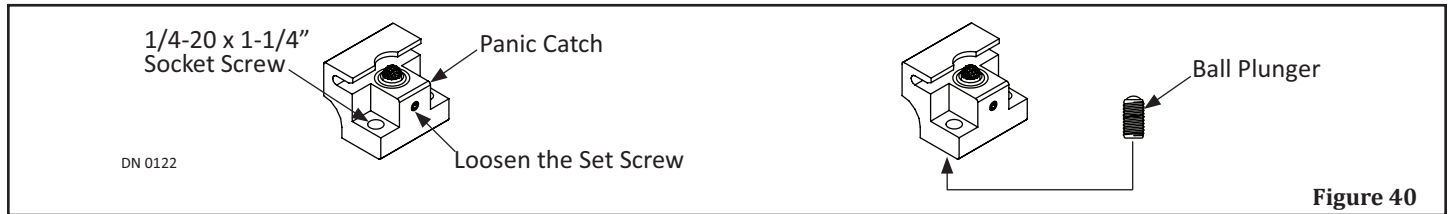


Figure 39

SECTION 12.3: 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.

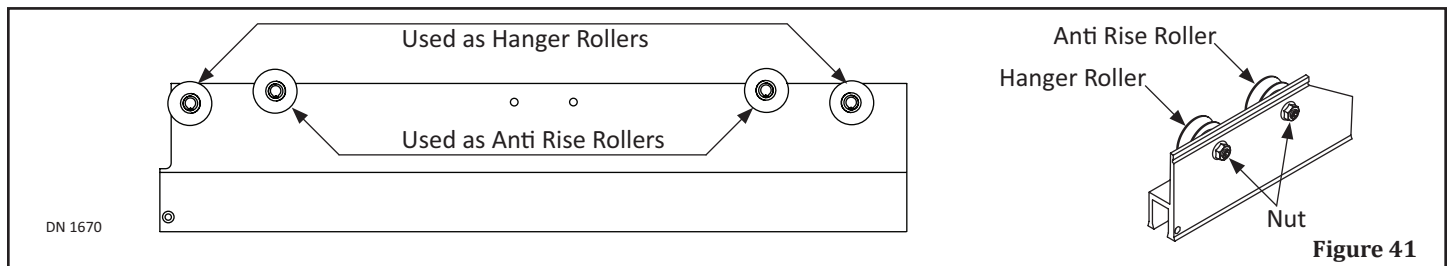


SECTION 12.4: Adjust Door Height

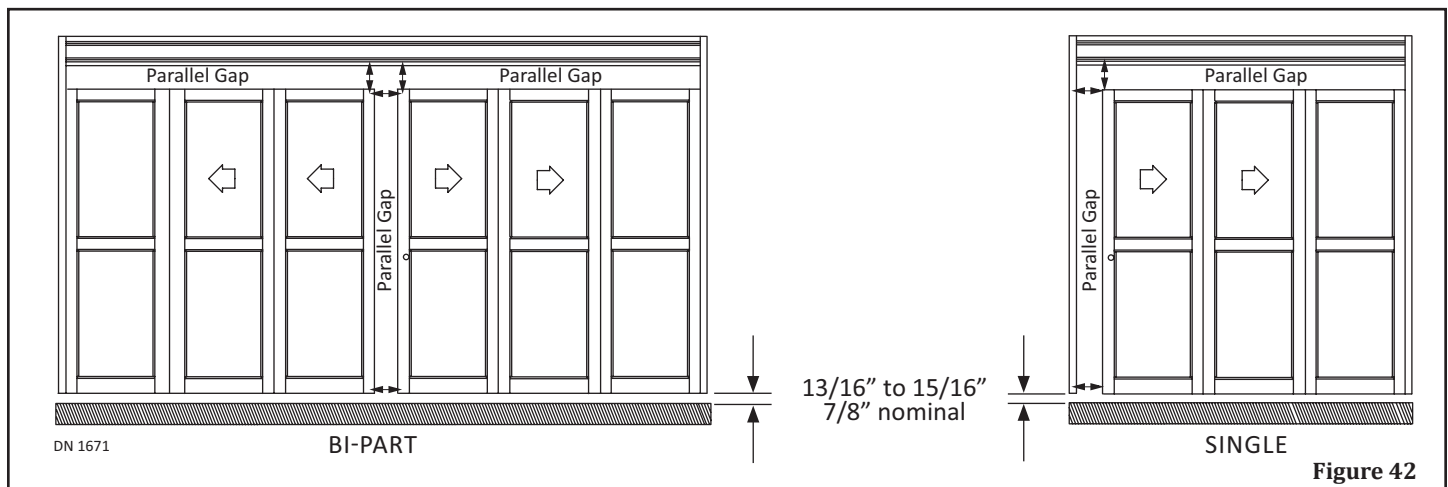
1. Raise or lower the Slide door by turning the Axle located on (2) Anti-Rise Rollers **clockwise** with a 1/2" Open End Wrench. The appropriate gap between Bottom Rail and floor is (13/16 inch to 15/16 inch) with the nominal gap being 7/8 inch.

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 12.5: 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.

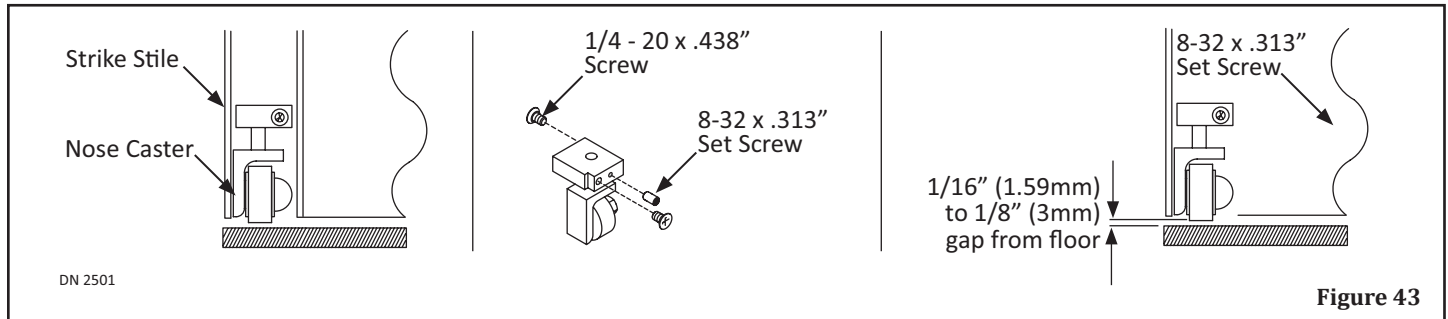


Figure 43

SECTION 12.6: 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.

12.6.1 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.
 1. If not, slide the Interlocks side to side so that they have the most engagement but still allow the door to fully close.
2. 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.
3. Go to Section "Secure the Adjusted Interlocks".

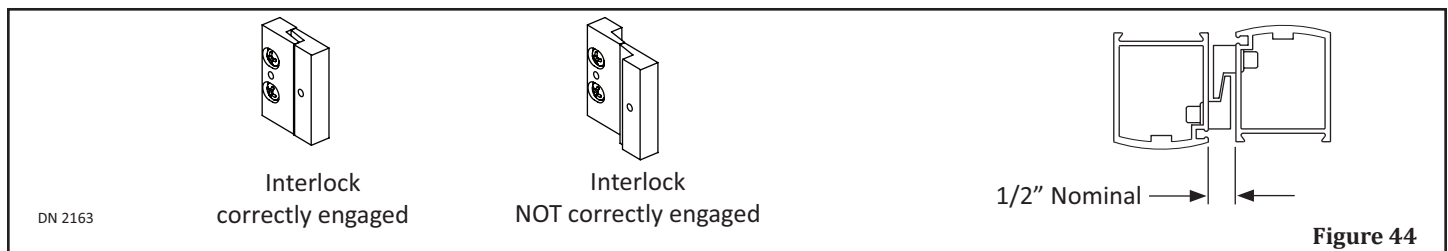


Figure 44

12.6.2 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".

12.6.3 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".

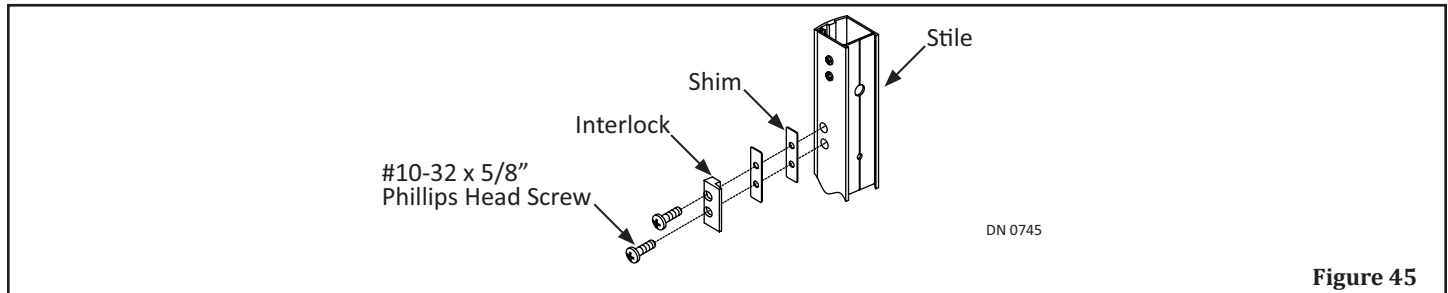


Figure 45

12.6.4 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 12.7: Adjust the Breakout Magnet

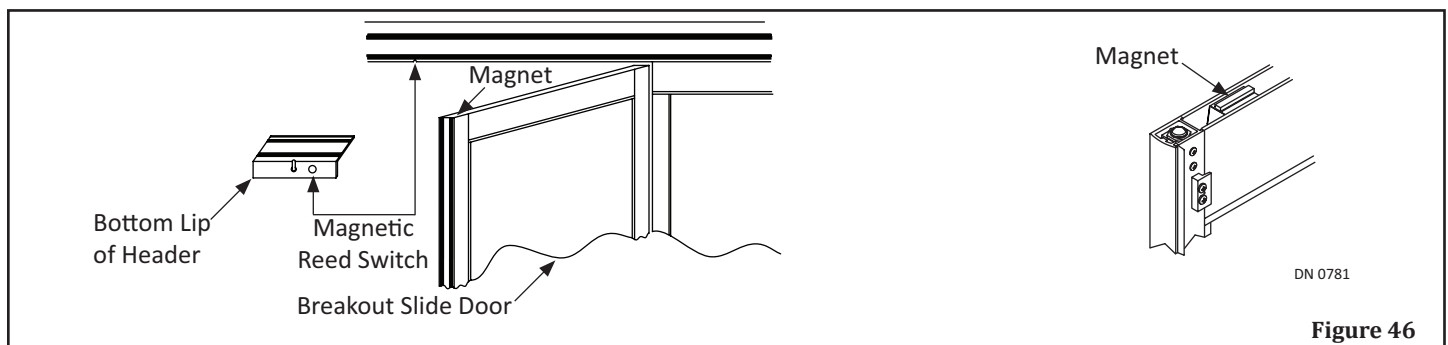


Figure 46

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 12.8: Tighten the Drive Belt (Lead Door)

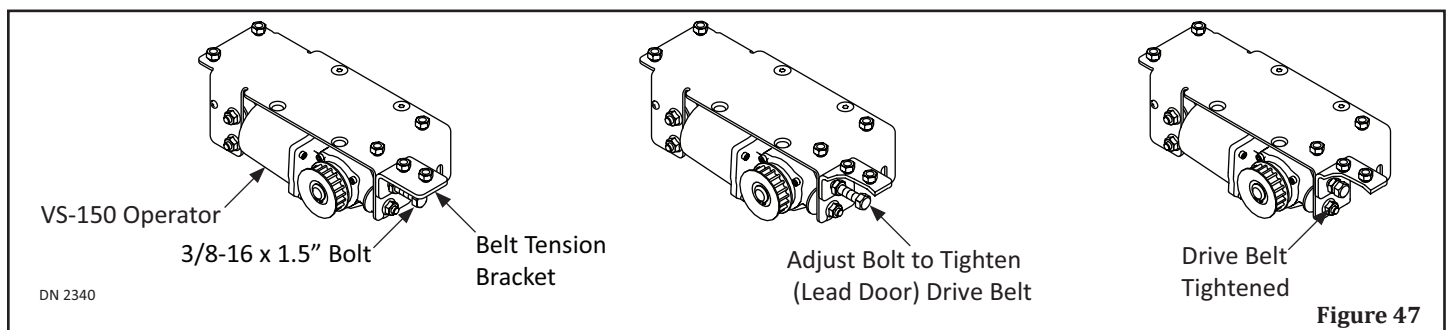


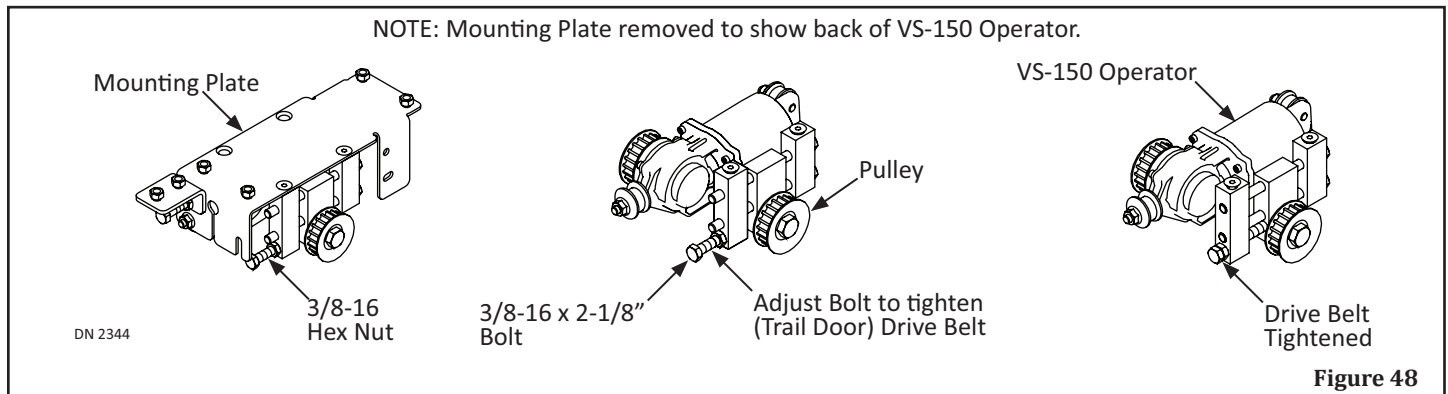
Figure 47

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 12.9: 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.



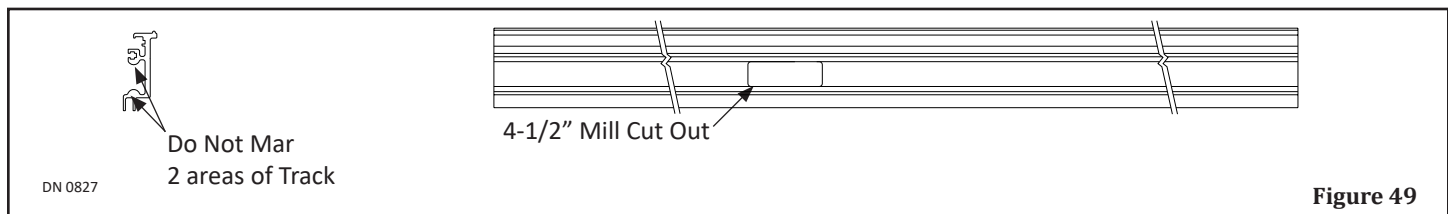
CHAPTER 13: SLIDE DOOR SAFETY CHECK

1. Ensure Header Cover has been replaced and properly secured with (2) 10-24 x 0.625 inch screws.
2. Ensure all other hardware and/or components are properly secured.
3. Ensure the Power Breaker is switched ON. Do not switch Power Breaker ON and OFF too quickly.
4. Ensure the Rocker Switch or Key Switch is set to "ON".
5. Check the motion of the Slide door. Slide door should slide freely.
6. If Equipped: Test Emergency Break Out. In Break Out mode, the door must not activate. Call supplier for details.
7. 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.
8. Check for proper door operation.
9. 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.
10. Clean the doors, header, and frame.

CHAPTER 14: ADJUSTMENTS

SECTION 14.1: Adjust Height on Trail Door through Mill Cut Out

1. There is a 4-1/2 inch cutout located on the Roller Track directly behind the Hanger Roller. Use a 1/2 inch Wrench and a 5/32 inch Allen Wrench to make adjustments.



SECTION 14.2: Adjust Height on Lead Door

CAUTION

Do Not rotate the stud counter-clockwise. Doing so will unthread the Axle from the Hanger Roller assembly

2. Measure the gap between the door and the floor. The gap must be between 3/16" to 7/16" (3/8" nominal).
3. Loosen each Hanger Roller Nut. It is recommended to adjust the (2) Hanger Rollers located at each end of door first.
4. Turn each axle clockwise to raise or lower the Sliding door. Retighten each Hanger Roller nut. Do not overtighten.
5. Loosen each Anti-Rise Roller nut. Turn each axle clockwise until each Anti-Rise Roller almost makes contact with the top of Roller Track. Gap should be about the same thickness of a credit card. Retighten each Anti-Rise Roller nut.

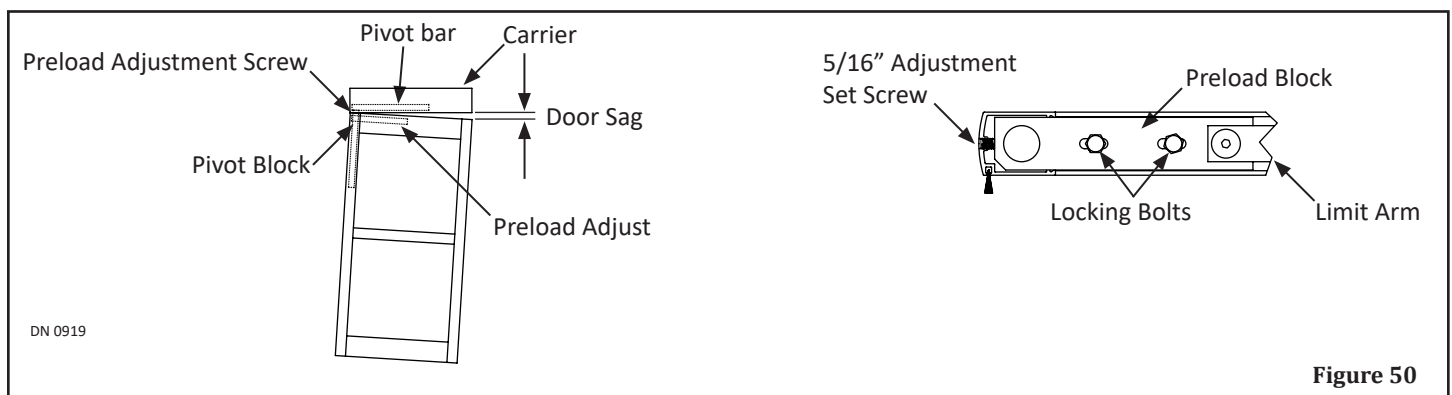
SECTION 14.3: Adjust Preload**CAUTION**

Glass must be installed first before adjusting Preload on Slide Door.

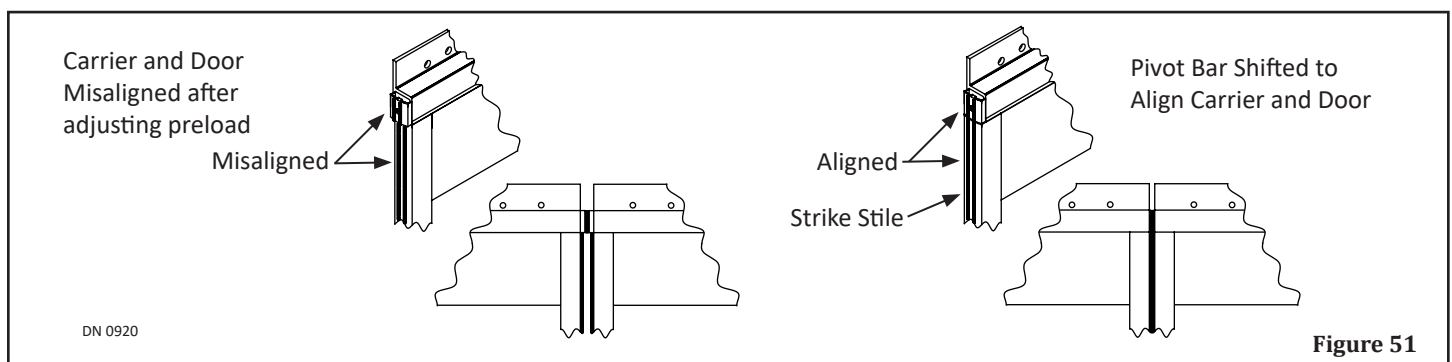
CAUTION

When a Preload Block is shifted, it will be necessary to gently tap on one end of the Interface Leg (located inside the Carrier) until it is properly recentered.

1. Support the weight of sliding door. Breakout sliding door approximately 75 degrees. Check for door sag.
2. Go to the Preload Block located inside the Top Rail. Loosen (2) Locking Bolts.
3. Go to the back edge of Pivot Stile. Reduce door sag by tightening the 5/16 inch Adjustment Set Screw with a 5/32 inch Allen Wrench.
 - a. The door should lift without having to be manually lifted.
 - b. Do not allow the Adjusting Set Screw to protrude more than 5/32 inch past the end of stile.
 - c. If an optional 1/2 inch Adjustment Set Screw provided by NABCO is deemed necessary, it could mean the Preload is misaligned. Go to Section 4.3 before replacing the 5/32 inch Adjustment screw.

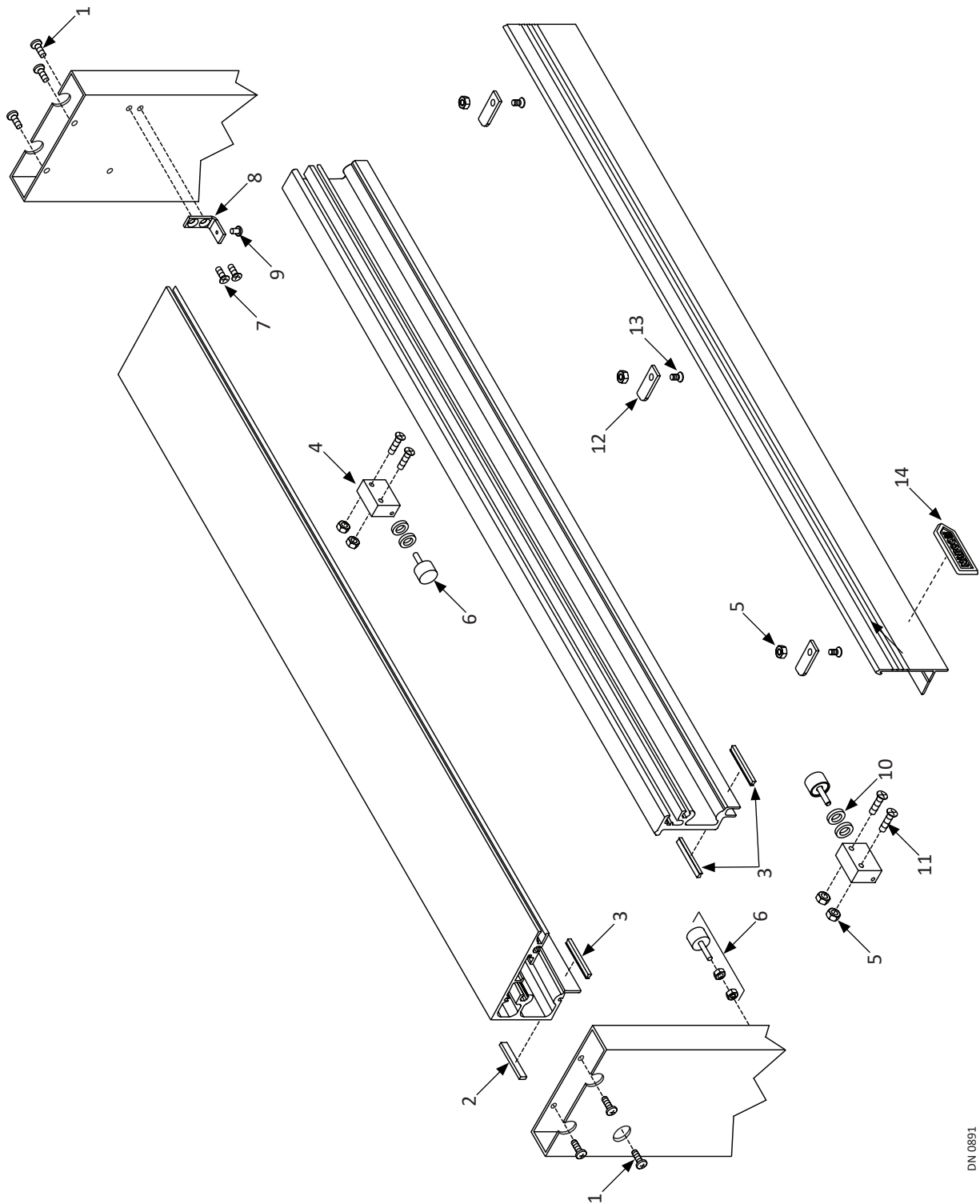
**SECTION 14.4: Correct Preload Misalignment**

1. Check to see if misalignment exists on the Strike end of the Door and Carrier.
2. Loosen the Allen head fasteners on the Pivot bar that is located inside the Carrier. Slide the Pivot bar until the door and Carrier are properly aligned.
3. Verify that the Panic Catch inside the Top Rail and the Carrier are still aligned. If not, loosen the 5/16 inch set screw to align the Carrier Panic Catch with the Top Rail Panic Catch.

**SECTION 14.5: Adjust the Trail Door Bumper**

1. Go to the Nut Chase located inside the Header. Locate the Trail Door Bumper.
2. Slide the Trail door Bumper to the left or to the right of the Nut Chase until the Strike Stile (on the Trail door) properly overlaps the Pivot Stile (on Lead door): 4.25 inches for Medium Stiles; 2.25 inches for Narrow Stiles.

SERVICE PARTS: HEADER
Viewed from *Break Out* Side

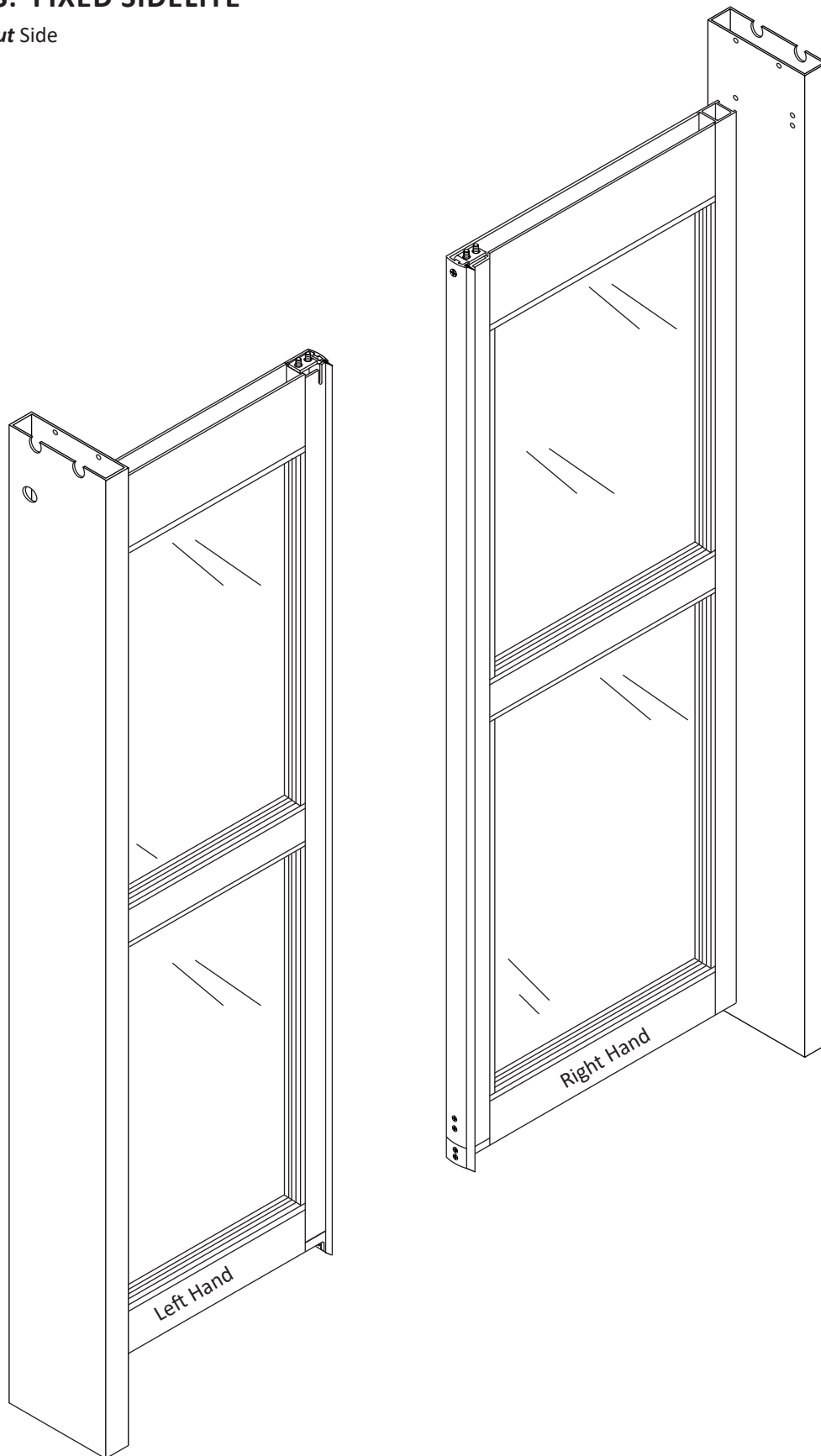


DN 0891

HEADER			
ITEM	PART	FINISH/SIZES/NOTES	DESCRIPTION
1	T-00326		RHMS,1/4-20X0.750L.,PHIL,ZINC SELF TAPNG
2	M-00281		FOAM WEATHERSTRIPPING ADHESIVE BACKED
3	M-00688		PILE WEATHERING .45 TALL W/ ADHESIVE
4	M-01116		END STOP,BRACKET,SLIDER
5	T-00002		NUT,HEX,1/4-20,ZINC
6	A-00087		BUMPER,DOOR STOP
7	T-00016		FHMS,1/4-20X0.438L.,PHIL,UNDERCUT,ZINC
8	M-01049		CLIP, COVER
9	T-00323		RHMS,8-32X0.250L.,PHIL,ZINC
10	T-00294		FHMS,1/4-20X1.000L.,PHIL,ZN
11	M-00450		SPACER,MTG.END CAP
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: FIXED SIDELITE

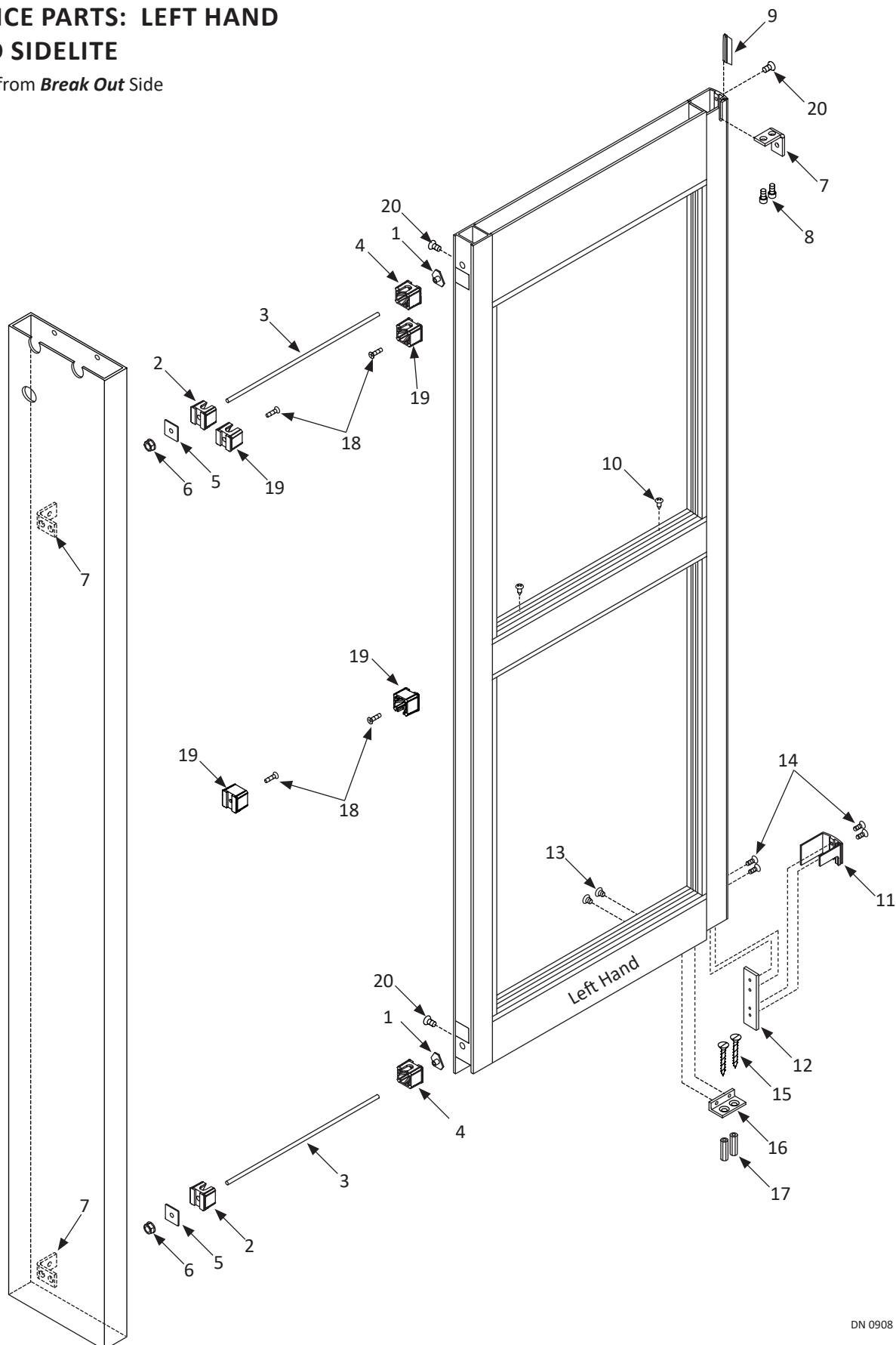
Viewed from **Break Out** Side



DN 0893

SERVICE PARTS: LEFT HAND FIXED SIDELITE

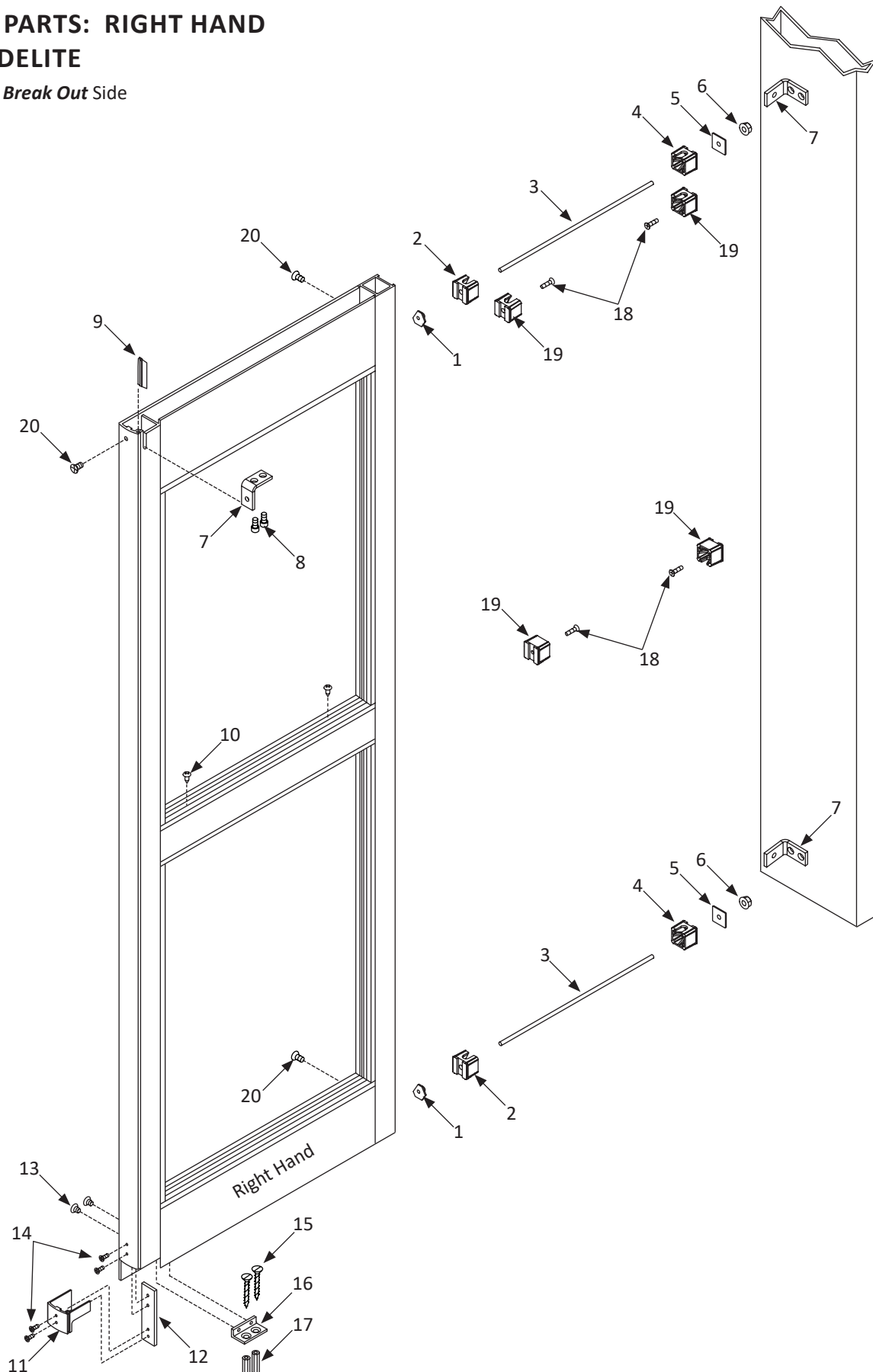
Viewed from *Break Out* Side



DN 0908

SERVICE PARTS: RIGHT HAND FIXED SIDELITE

Viewed from **Break Out** Side

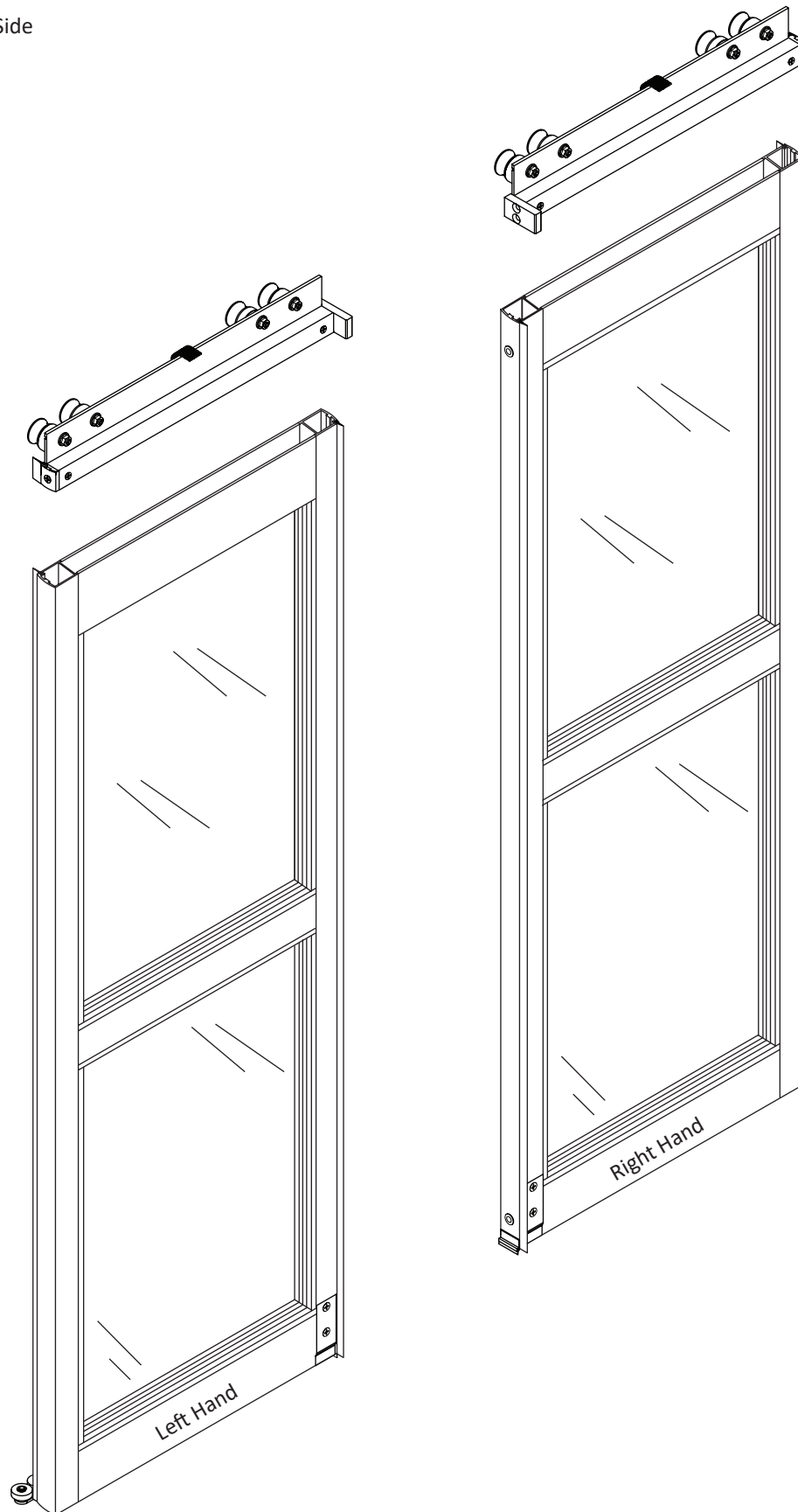


DN 0909

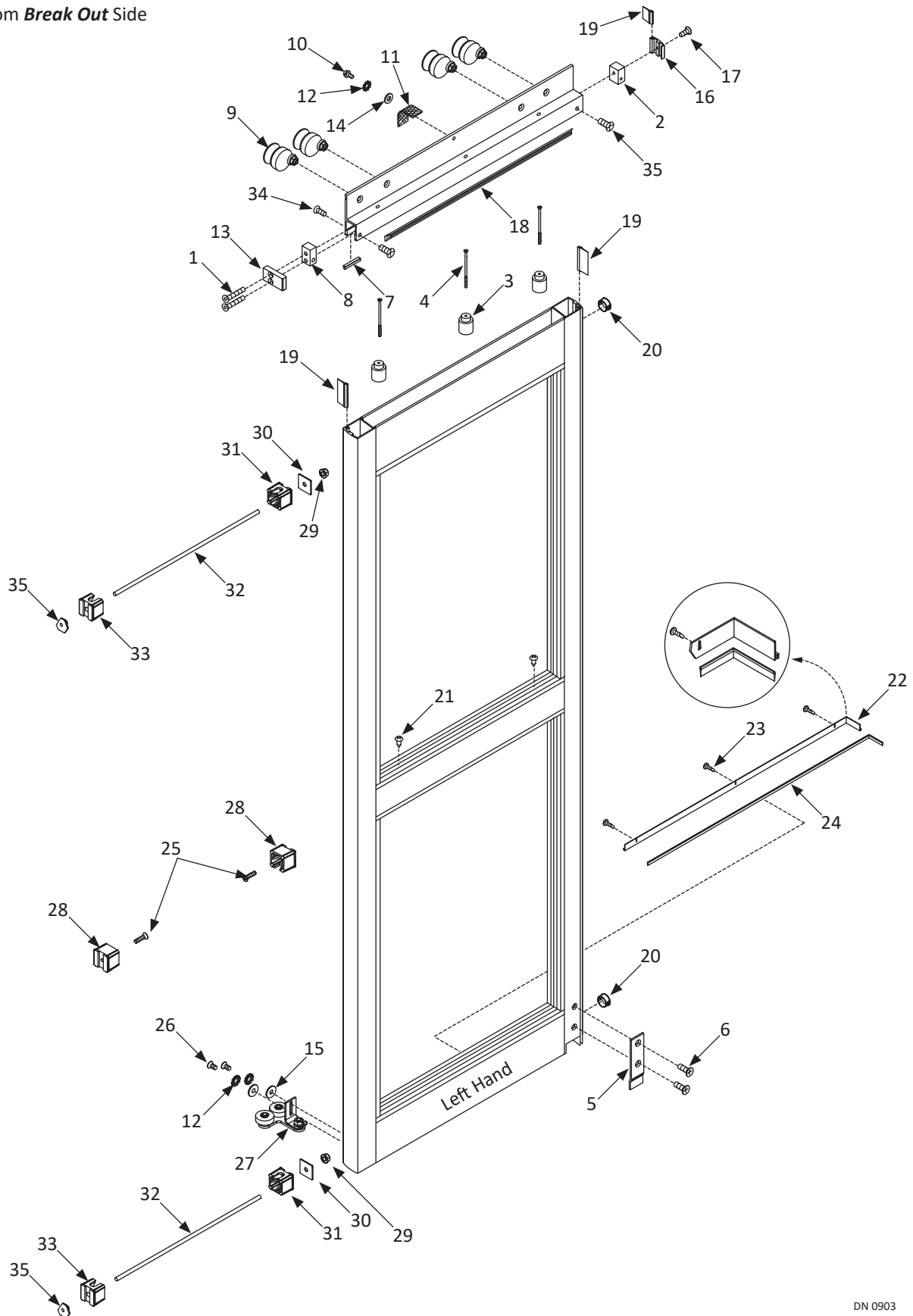
FIXED SIDELITE			
ITEM	PART	FINISH/SIZES/NOTES	DESCRIPTION
1	M-00416		T-NUT, 3/8"-16, TIE ROD
2	M-00461		CLIP,MUNTIN,.386 HOLE
3	M-00272		3/8-16 THREADED ROD
4	M-00460		CLIP,MUNTIN,.500 HOLE
5	M-00422		PLATE,TIE ROD
6	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
7	M-00706		BRACKET,MOUNTING ,FIXED SIDELITE
8	T-00053		SHCS,1/4-20X0.500L.,ZINC
9	M-01241	GRAY	WEATHERING, VINYL, 9/16IN GRAY FIN
	M-71241	BLACK	WEATHERING,VINYL,9/16IN,BLK
10	T-00098		PHSMS,10X0.563L.,PHIL,TYPE A
11	A-60009	LH/CLEAR	"COVER,BTM,TELE,FS,LH,204"
	A-70009	LH/DARK BRONZE	"COVER,BTM,TELE,FS,LH,313"
	A-60010	RH/CLEAR	"COVER,BTM,TELE,FS,RH,204"
	A-70010	RH/DARK BRONZE	"COVER,BTM,TELE,FS,RH,313"
12	M-01299		SWITCH,IDENTIFICATION STICKER
13	T-00004	ZINC	FHMS,10-24X0.250L.,PHIL,UNDERCUT,ZINC
	T-00357	BLACK OXIDE	FHMS:10-24X0.250L.:PHIL:UNDERCUT:BLK ZN
14	T-00241	ZINC	FHMS,10-24X0.500L.,PHIL,ZINC
	T-00380	BLACK ZINC	FHMS:10-24X0.750L.:PHIL:BK.ZC.
15	T-00313		FHSMS - SLOTTED, #14 X 1 1/12" LG
16	M-01368		FLOOR BRACKET, TELESCOPIC FS
17	T-00314	BLUE	SCREW ANCHOR, #16 X 1" LG
18	T-00061		FHMS,1/4-20X1.000L.,PHIL,TRI-LOBE,ZINC
19	M-00462		CLIP,MUNTIN,.261 HOLE
20	T-00055	ZINC	FHMS,1/4-20X0.500L.,PHIL,ZINC
	T-00057	BLACK OXIDE	FHMS,1/4-20X0.500L.,PHIL,BLK ZN

SERVICE PARTS: TRAIL DOOR

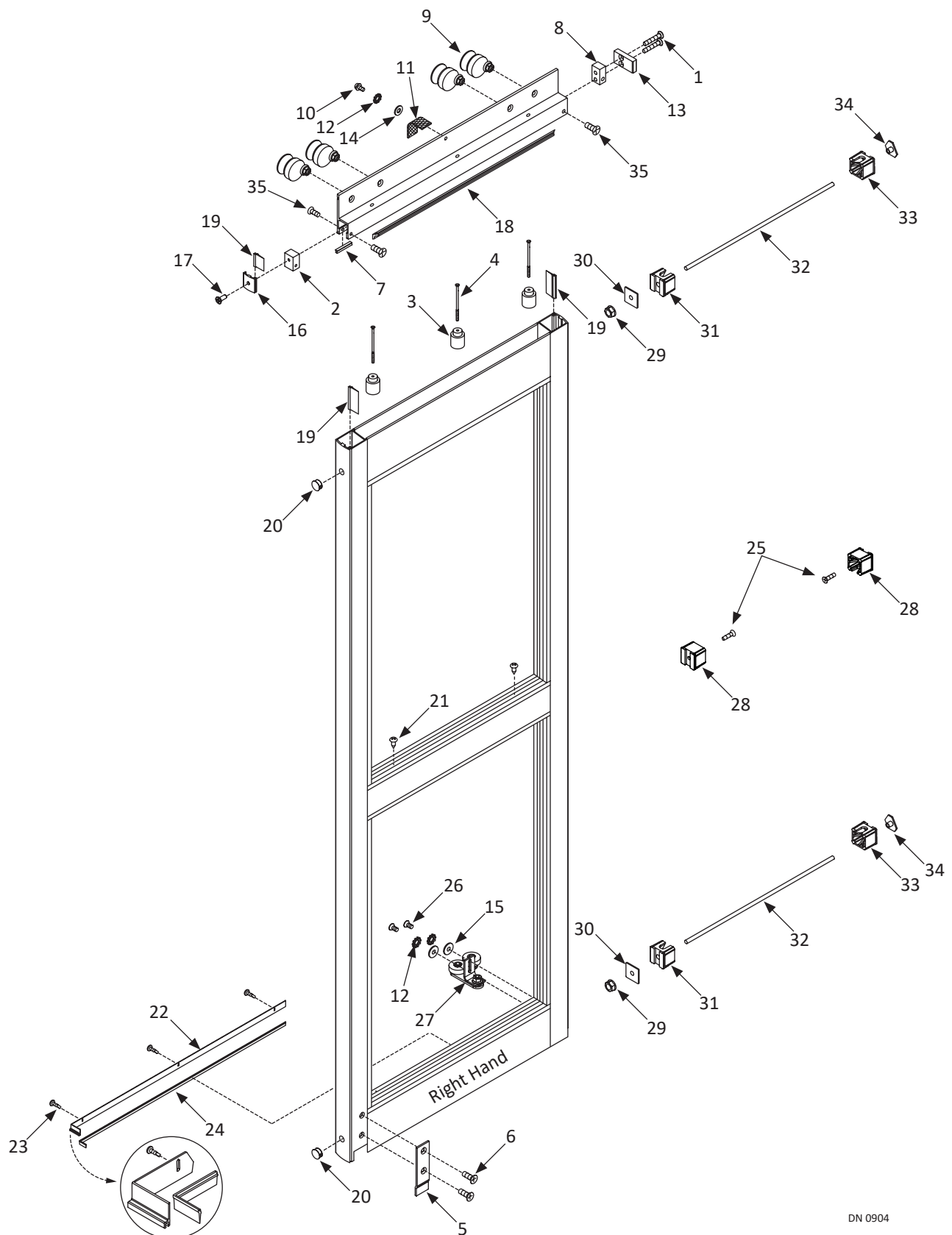
Viewed from *Break Out* Side



DN 0905

SERVICE PARTS: LEFT HAND TRAIL DOORViewed from **Break Out** Side

DN 0903

SERVICE PARTS: RIGHT HAND TRAIL DOORViewed from **Break Out** Side

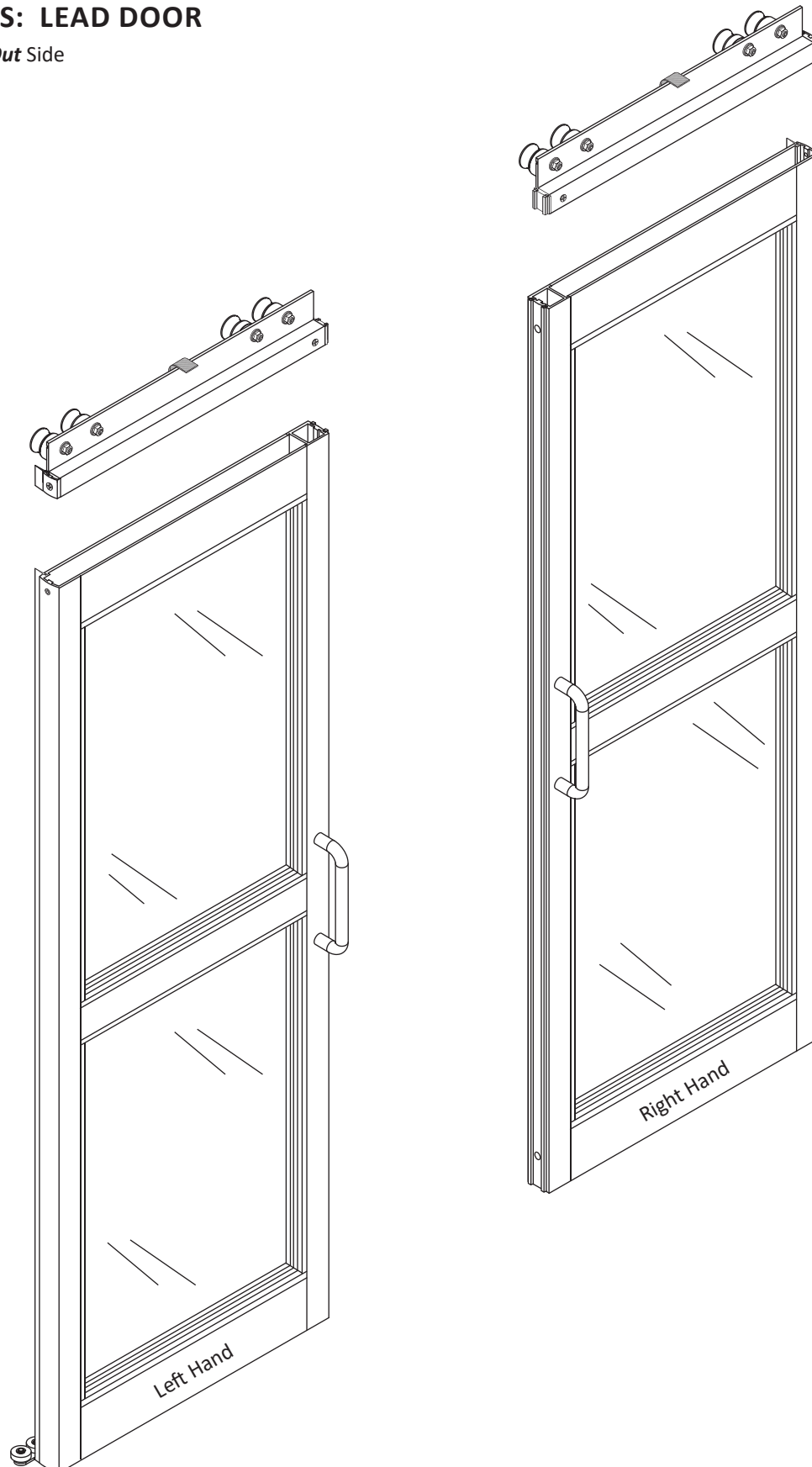
DN 0904

TRAIL DOOR			
ITEM	PART	FINISH/SIZES/NOTES	DESCRIPTION
1	T-00405		FHMS,1/4-20X1.250L.,SOKT,BK.OX,GR8
2	M-01286		MOUNT BLOCK, END CAP - TRAIL DOOR
3	M-01095		ADAPTER,BLOCK,NO PANIC,DOOR SLIDER
4	24-0011-115		FHMS,1/4-20 X 5", PHIL, ZN
5	14-9047-01	CLEAR	COVER, BOTTOM GUIDE - ROLLER INSERT
	14-9047-02	DARK BRONZE	COVER, BOTTOM GUIDE - ROLLER INSERT
6	T-00015		FHMS,1/4-20X0.750L.,PHIL,ZINC
7	M-00690		WEATHER, PILE .2
8	M-01232		STRIKE,MOUNTING ,BLOCK,-COME ALONG
9	A-00416		ROLLER HANGER,30MM
10	T-00346		HHCS:1/4-20X0.375L:GREEN:WASH HD:SLOT
11	M-01275		STATIC ARRESTOR,STRIP 4"
12	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC
13	14-12066-01	CLEAR	STRIKE BRACKET - COME ALONG BRACKET 204
	14-12066-02	DARK BRONZE	STRIKE BRACKET - COME ALONG BRACKET 313
14	T-00054		WASHER,.281 ID,.625 OD,.065 THK,ZINC
15	T-00029		WASHER,.250 ID,.563 OD,.049 THK,ZINC
16	M-01255	CLEAR	END CAP,7/16X1-7/8,204
	M-71255	DARK BRONZE	END CAP,7/16X1-7/8,313
17	T-00176		FHMS,10-32X0.500L.,PHIL,UCUT,23-PT,ZINC
18	24-9094-01	CLEAR	INTERFACE LEG - 204
	24-9094-02	DARK BRONZE	INTERFACE LEG - 313
19	M-01241	GRAY	WEATHERING, VINYL, 9/16IN GRAY FIN
	M-71241	BLACK	WEATHERING,VINYL,9/16IN,BLK
20	V-00720		PLUG,HOLE,13/16 DOME
21	T-00098		PHSMS,10X0.563L.,PHIL,TYPE A
22	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
23	T-00222	ZINC	PHSMS,6X0.500L.,PHIL,TEKS,ZINC
	T-00260	BLACK ZINC	PHSMS,6X0.500L. PHIL,TEKS BLK ZN
24	M-01239	GRAY	WEATHERING, VINYL, 1IN GRAY FIN
	M-71239	BLACK	WEATHERING:VINYL:1.00:BLK
25	T-00061		FHMS,1/4-20X1.000L.,PHIL,TRI-LOBE,ZINC
26	T-00064		HHCS,1/4-20X0.750L.,ZINC
27	A-00181	RH	BTM GUIDE DOUBLE ROLLER ASM, RH
	A-00183	LH	BTM GUIDE DOUBLE ROLLER ASM, LH
	A-00518	10 INCH BOTTOM RAILS ONLY/RH	GUIDE,BOTTOM,DOUBLE ROLLER,RAIL-RH,10"
	A-00508	10 INCH BOTTOM RAILS ONLY/LH	GUIDE,BOTTOM,DOUBLE ROLLER,RAIL-LH,10"

TRAIL DOOR			
ITEM	PART	FINISH/SIZES/NOTES	DESCRIPTION
28	M-00462		CLIP,MUNTIN,.261 HOLE
29	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
30	M-00422		PLATE,TIE ROD
31	M-00461		CLIP,MUNTIN,.386 HOLE
32	M-00272		3/8-16 THREADED ROD
33	M-00460		CLIP,MUNTIN,.500 HOLE
34	T-00184		FHMS,10-32X0.500L.,PHIL,UCUT,TRI-LOBE,ZN
35	M-00416		T-NUT, 3/8"-16, TIE ROD

SERVICE PARTS: LEAD DOOR

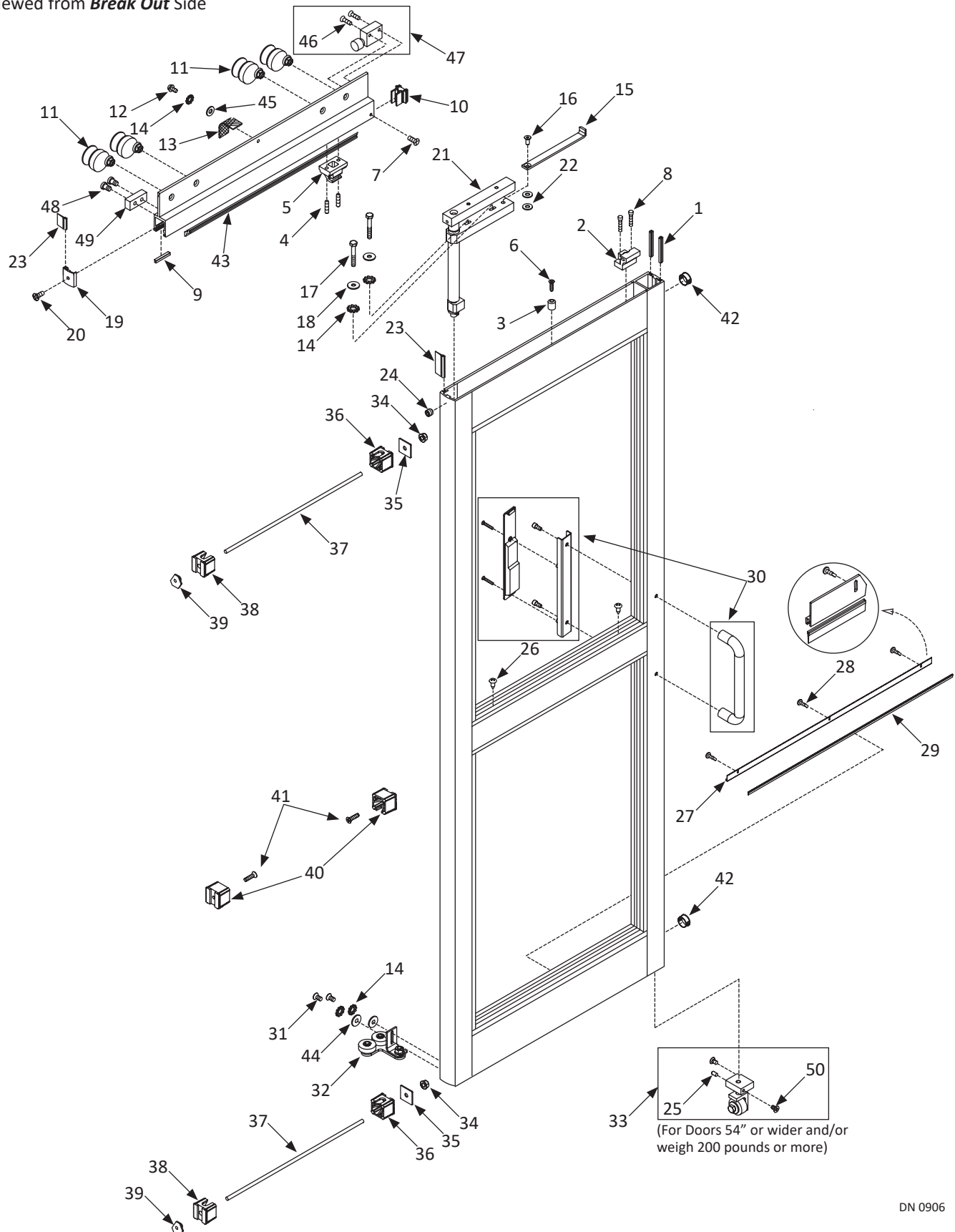
Viewed from *Break Out* Side



DN 0896

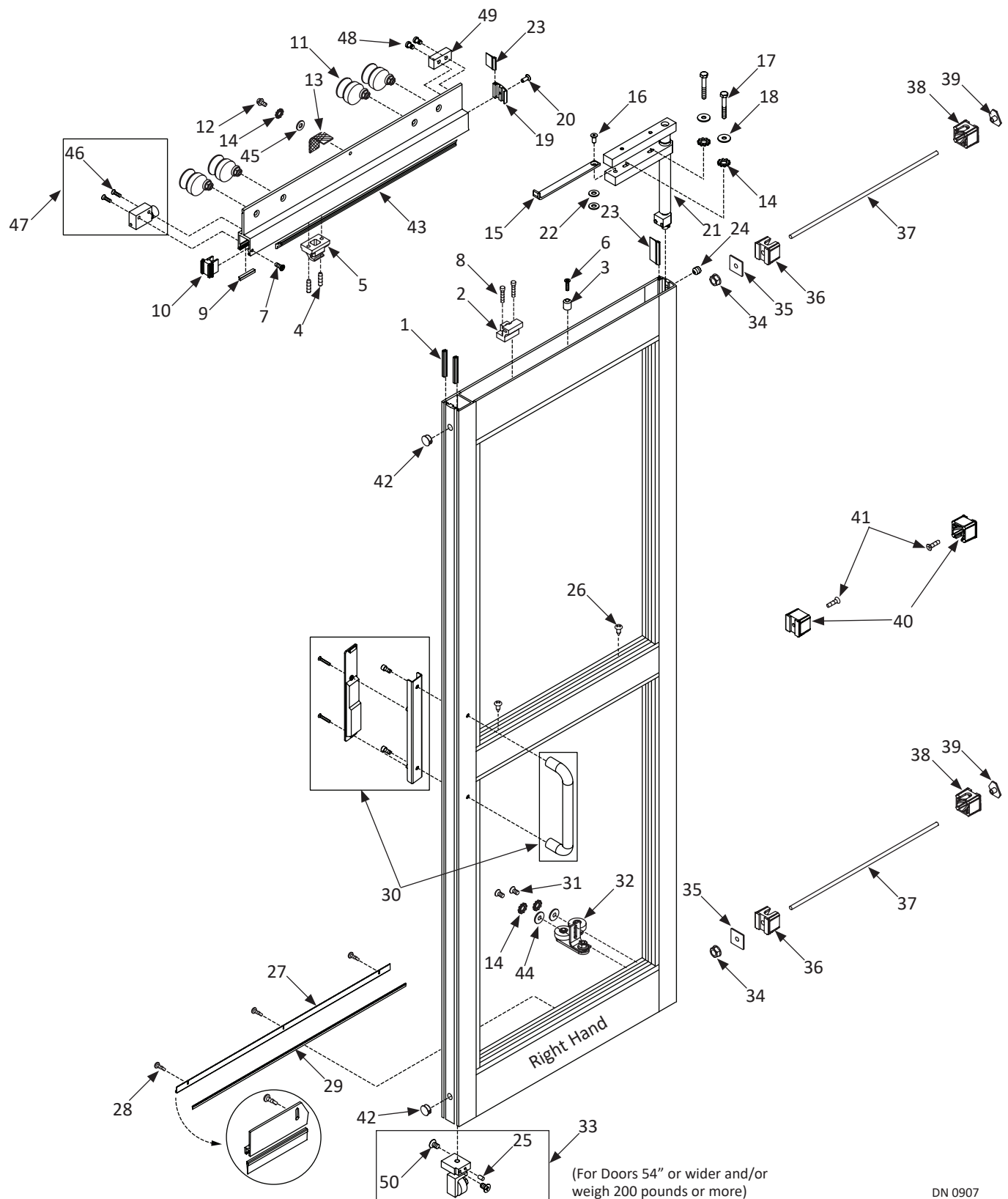
SERVICE PARTS: LEFT HAND LEAD DOOR

Viewed from *Break Out* Side



SERVICE PARTS: RIGHT HAND LEAD DOOR

Viewed from **Break Out** Side



DN 0907

LEAD DOOR			
ITEM	PART	FINISH/SIZES/NOTES	DESCRIPTION
1	M-01516		GASKET,BULB,DUAL DUROMETER
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-00184		FHMS,10-32X0.500L.,PHIL,UCUT,TRI-LOBE,ZN
8	T-00037		SHCS,1/4-20X1.250L.,ZINC
9	M-00690	BLACK	WEATHER, PILE .2
10	A-00400	CLEAR	CARRIER END CAP,STRIKE SIDE,204
	A-00401	DARK BRONZE	CARRIER END CAP,STRIKE SIDE,313
11	A-00416		ROLLER HANGER,30MM
12	T-00346	GREEN	HHCS:1/4-20X0.375L:GREEN:WASH HD:SLOT
13	M-01275		STATIC ARRESTOR,STRIP 4"
14	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC
15	M-00379		LIMIT ARM, STANDARD STILES
16	T-00018	ZINC	FHCS,7/16-14X1.000L.,ZINC
17	T-00028		HHCS,1/4-20X1.750L.,GR5,ZINC
18	T-00029		WASHER,.250 ID,.563 OD,.049 THK,ZINC
19	M-01255	CLEAR	END CAP,7/16X1-7/8,204
	M-01255	DARK BRONZE	END CAP,7/16X1-7/8,204
20	T-00183		FHMS,10-32X0.500L.,PHIL,UCUT,23-PT,BLKZN
	T-00176		FHMS,10-32X0.500L.,PHIL,UCUT,23-PT,ZINC
21	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
22	T-00092		WASHER,.438 ID,1.00 OD,.083 THK,ZINC
23	M-01241	SMOKE UNITS ONLY/GRAY	WEATHERING, VINYL, 9/16IN GRAY FIN
	M-71241	SMOKE UNITS ONLY/BLACK	WEATHERING,VINYL,9/16IN,BLK
24	T-00019		SHSS,5/16-24X0.313L.,CUP PT.
25	T-00261		SHSS,5/16-24X0.500L.,CUP PT.
26	T-00098		PHSMS,10X0.563L.,PHIL,TYPE A
27	24-9125-01	SMOKE UNITS ONLY/CLEAR	WEATHERING EXT, 204
	24-9125-02	SMOKE UNITS ONLY/DARK BRONZE	WEATHERING EXT, 313
28	T-00222	SMOKE UNITS ONLY/ZINC	PHSMS,6X0.500L.,PHIL,TEKS,ZINC
	T-00260	SMOKE UNITS ONLY/BLACK ZINC	PHSMS,6X0.500L. PHIL,TEKS BLK ZN
29	M-01239	SMOKE UNITS ONLY/GRAY	WEATHERING, VINYL, 1IN GRAY FIN
	M-71239	SMOKE UNITS ONLY/BLACK	WEATHERING:VINYL:1.00:BLK

LEAD DOOR			
ITEM	PART	FINISH/SIZES/NOTES	DESCRIPTION
30	A-00988	CLEAR	ERROR NO MATCH FOUND
	A-00989	DARK BRONZE	ERROR NO MATCH FOUND
31	T-00064	ZINC	HHCS,1/4-20X0.750L.,ZINC
32	A-00181	RH	BTM GUIDE DOUBLE ROLLER ASM, RH
	A-00183	LH	BTM GUIDE DOUBLE ROLLER ASM, LH
	A-00518	10 INCH BOTTOM RAILS ONLY/RH	GUIDE,BOTTOM,DOUBLE ROLLER,RAIL-RH,10"
	A-00508	10 INCH BOTTOM RAILS ONLY/LH	GUIDE,BOTTOM,DOUBLE ROLLER,RAIL-LH,10"
33	A-00198	CLEAR	NOSE CASTER ASSY, NAR
	A-00207	CLEAR	NOSE CASTER ASSY, MED
34	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
35	M-00422		PLATE,TIE ROD
36	M-00461		CLIP,MUNTIN,.386 HOLE
37	M-00272	ZINC	3/8-16 THREADED ROD
38	M-00460		CLIP,MUNTIN,.500 HOLE
39	M-00416		T-NUT, 3/8"-16, TIE ROD
40	M-00462		CLIP,MUNTIN,.261 HOLE
41	T-00061	ZINC	FHMS,1/4-20X1.000L.,PHIL,TRI-LOBE,ZINC
42	V-00720		PLUG,HOLE,13/16 DOME
43	24-9094-01	CLEAR	INTERFACE LEG - 204
	24-9094-02	DARK BRONZE	INTERFACE LEG - 313
44	T-00029		WASHER,.250 ID,.563 OD,.049 THK,ZINC
45	T-00054		WASHER,.281 ID,.625 OD,.065 THK,ZINC
46	T-00124	ZINC	FHMS,1/4-20X0.875L.,PHIL,ZINC
	T-00432	BLACK ZINC	"FHMS,1/4-20X0.875L.,PHIL,BK.ZC."
47	A-60022	CLEAR	"COME ALONG,RH,204"
	A-70022	DARK BRONZE	"COME ALONG,RH,313"
	A-60023	CLEAR	"COME ALONG,LH,204"
	A-70023	DARK BRONZE	"COME ALONG,LH,313"
48	T-00106	ZINC	"SHCS,1/4-20X0.375L,LOW HD."
49	M-01194		BUMPER - COME ALONG BRACKET
50	T-00105		SHSS,8-32X0.313L.,CUP PT.