



Model GT1175 Telescopic Slide Doors Installation Manual  
\*\*with OPUS Control\*\*  
P/N C-00372 Rev 11-12-20

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Associated Manuals Part Numbers: OPUS Control Wiring and Programming Manual P/N C-00139  
Automatic Sliding Door Owners Manual (P/N C-00109) for Decal Installation  
NABCO Price Book P/N 16-9244-30 (for Sensors, Switches, and Accessories)

- WARNING**
- Turn OFF all power to the Automatic Door if a Safety System is not working.
  - Instruct the Owner to keep all power turned OFF until corrective action can be achieved by a NABCO trained technician. Failure to follow these practices may result in serious consequences.
  - NEVER leave a Door operating without all Safety detection systems operational.

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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**

For Indoor use only.

**WARNING**

Use this operator only with Nabco sliding doors.

**DANGER**

Disconnect all power to the junction box prior to making any electrical connections. Failure to do so may result in serious personal or fatal injury. When uncertain whether power supply is disconnected, always verify using a voltmeter.

**DANGER**

Do not place finger or uninsulated tools inside the electrical controller. Touching wires or other parts inside the enclosure may cause electrical shock, serious injury or death.

**CAUTION**

The Ground wire from the Magnum IV Control 120 VAC Harness, and the Incoming 120 VAC Ground wire must be connected to the Ground screw located within the Swing door Header.

**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.

**Notice:** Wiring must meet all local, state, federal or other governing agency codes.

**Notice:** All electrical troubleshooting or service must be performed by qualified electrical technicians and must comply with all applicable governing agency codes.

## 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 controlled by the OPUS Control. This control offers many features to accommodate most installation options. 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 1ft<sup>2</sup> (0.9 m<sup>2</sup>) and having no dimension greater than 18 in (457 mm)”.**


## CHAPTER 4: GETTING STARTED

### SECTION 4.1: Associated Manual and Video Links

For User convenience there are now (3) different ways to obtain associated Manuals.

- ▶ Logging onto: [www.nabcoentrances.com](http://www.nabcoentrances.com) → myNABCO portal.
- ▶ Double Clicking onto the QR Code (Electronic PDF only).
- ▶ Scanning the QR Code with a Smart Phone (Hardcopy and Electronic PDF).

### SECTION 4.2: Associated Video QR Code Link

How to locate Service Parts Pages on the NABCO website		<b>Android Phone Instruction to Scan QR Code</b>
		<i>Note: Scanning QR Links using an Android Phone may vary.</i> <ol style="list-style-type: none"> <li>1. Google to download QR Scanner. Install.</li> <li>2. Place phone in front of QR Code. Scan.</li> </ol>
		<b>I-Phone Instruction to Scan QR Code</b> <ol style="list-style-type: none"> <li>1. Click on Camera icon.</li> <li>2. Place phone in front of QR Code. Scan.</li> </ol>

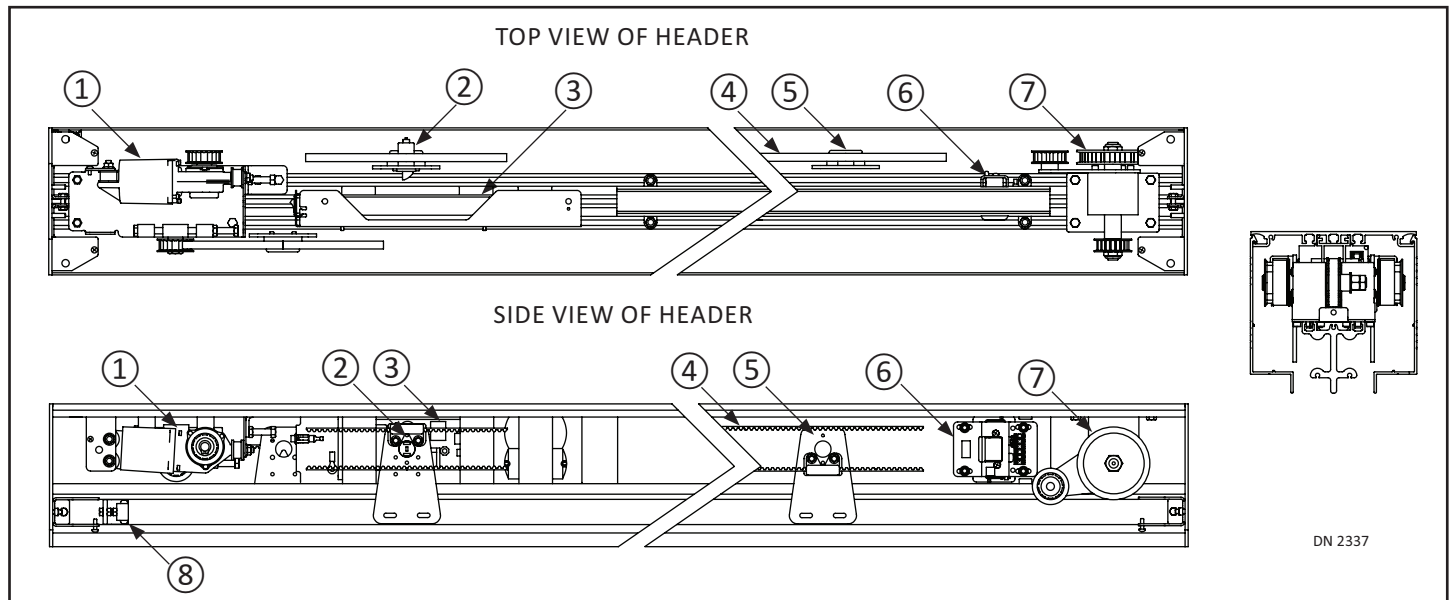
### SECTION 4.3: Request a User Name/Password to gain access into the “myNABCO” portal

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](http://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 4.4: Feature Comparison between Controls**

Feature	GT1175 / Opus v27	GT1175 / OPUS
Operator	VS-150 High Voltage Brushless Motor	DC-150 Low Voltage Brushless Motor
Fully Programmable Open, Close, Check Speeds	Yes	Yes
Bluetooth Compatible	Yes	No
Number of Auxiliary Outputs	3 (1 x Relay and 2 Transistors)	2 (1 x Relay and 2 Transistors)
Relay Output Rating	3A at 110VAC	3.2A (20 to 30V) 42V Peak
Transistor Output Rating	100mA	47 mA
Number of Programmable Inputs	3 inputs	1 input
Programmable door Handing	Yes	Yes
Requires Handy Terminal	No	Yes
12VDC available on Control Board	12VDC; 750mA	12VDC; 350mA
Compatible with all activating devices such as Wall Switches, Card Readers, Keypads, etc.	Yes	Yes
On board Programming	Yes	No
Opening speed (based on 500 pound door)	After 1 second - 29 inches/second	After 1 sec - 18 inches/second

**SECTION 4.5: Header Components**

1	VS-150 Operator	5	Belt Clip Assembly
2	Latch Bolt	6	Electric Lock
3	Opus Control Assembly, Telescopic	7	Reducer
4	Timing Belt	8	Door Stop Assembly

## SECTION 4.6: 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:

- Full Open: The Slide door, the Trail door, and Swing Sidelite breakout for emergency egress.
- Fixed Sidelite: Secured to the Header and Jamb Tube. Only the Slide door can breakout for emergency egress.

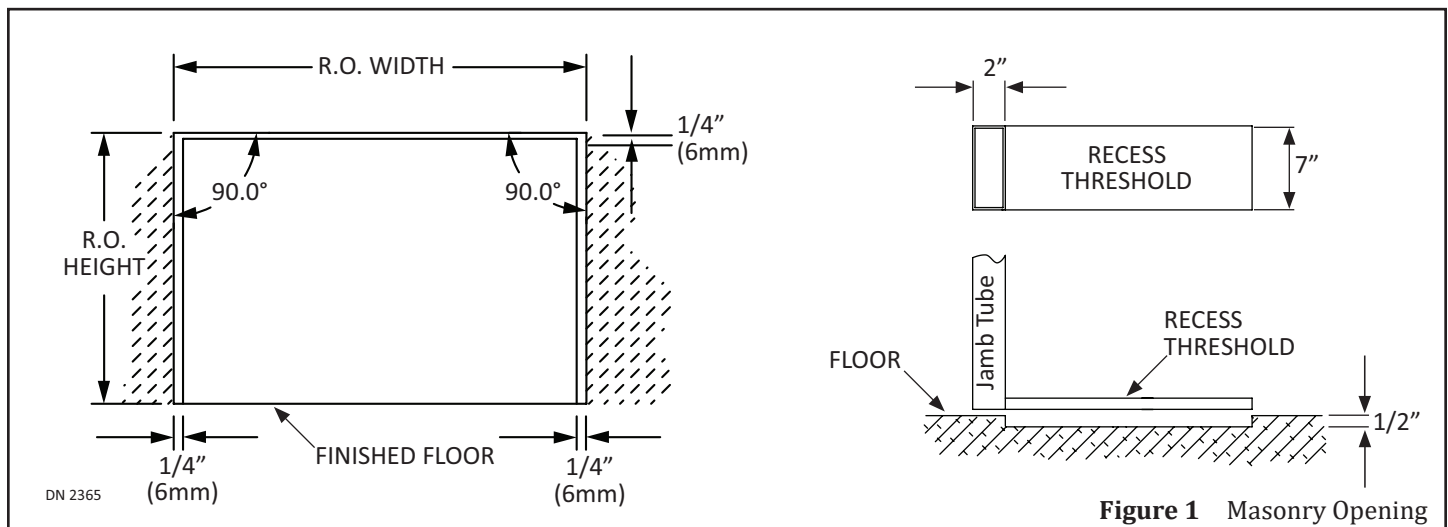
## CHAPTER 5: BEFORE ASSEMBLING THE DOOR FRAME

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**

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

2. Ensure the floor is level across the entire opening. If used, check recessed threshold across the door opening.



## CHAPTER 6: ASSEMBLE THE DOOR FRAME (NO TRANSOM)

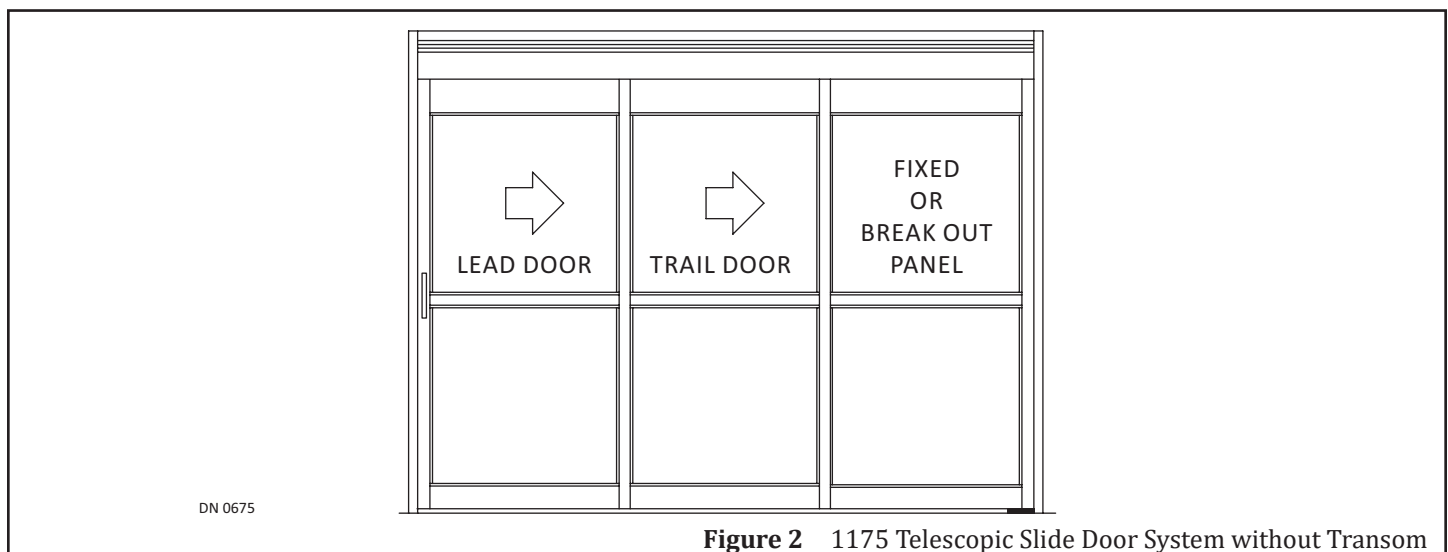
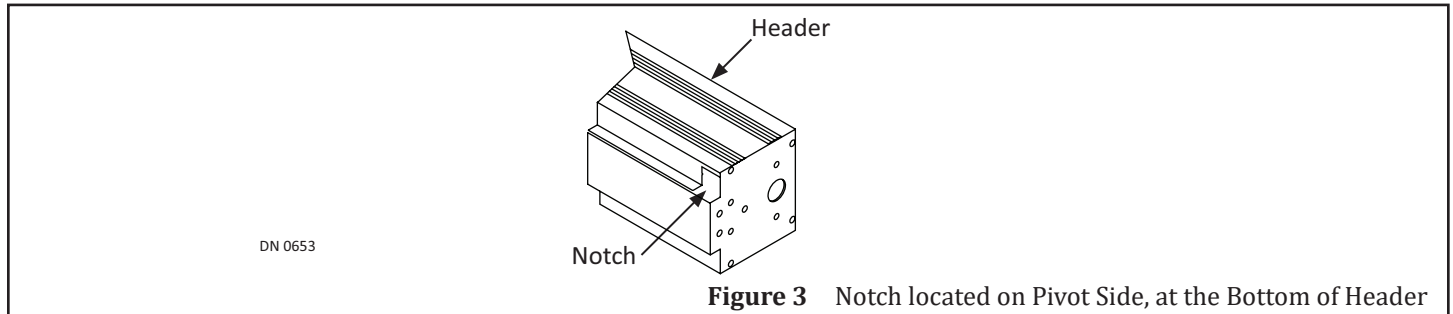


Figure 2 1175 Telescopic Slide Door System without Transom

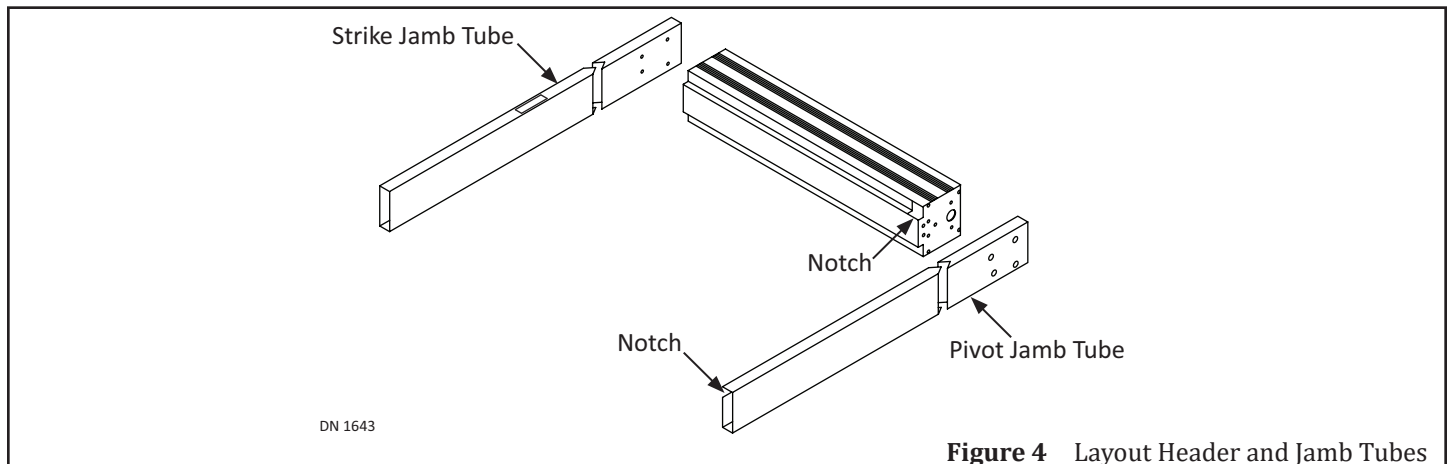
## SECTION 6.1: Align Jamb Tubes to Header

### 6.1.1 Full Open Slide Door

1. The Telescopic Slide door system has (2) removable covers, one on each side of the Header.
2. Place the Header on the floor so the removable cover with (1) Notch, located on the Pivot side, is facing up.
  - a. Notch in Cover allows door clearance when Sidelite is broken out.

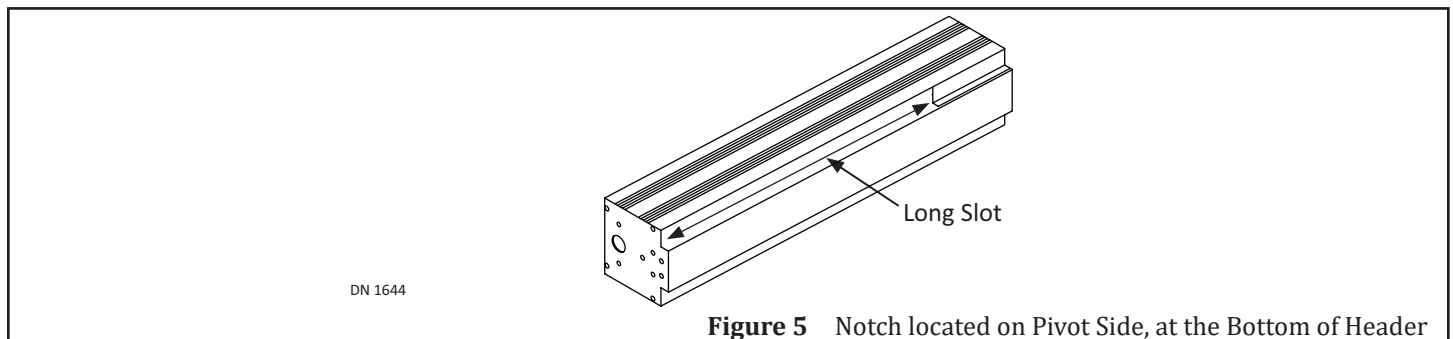


3. Go to the Pivot Jamb Tube. Locate (1) Notch at the bottom used for the Bottom Pivot.
4. Lay the Pivot Jamb Tube on a flat surface so the Notch will face the inside of Door Frame and “up” from the floor.
  - a. Ensure the Pivot Jamb Tube is positioned on the same side of the Header Cover with the Notch.
  - b. If done correctly, the pre-drilled screw holes will properly align with the Header End Cap.
5. Lay the Strike Jamb Tube on the floor. Align the pre-drilled screw holes with the Header End Cap.



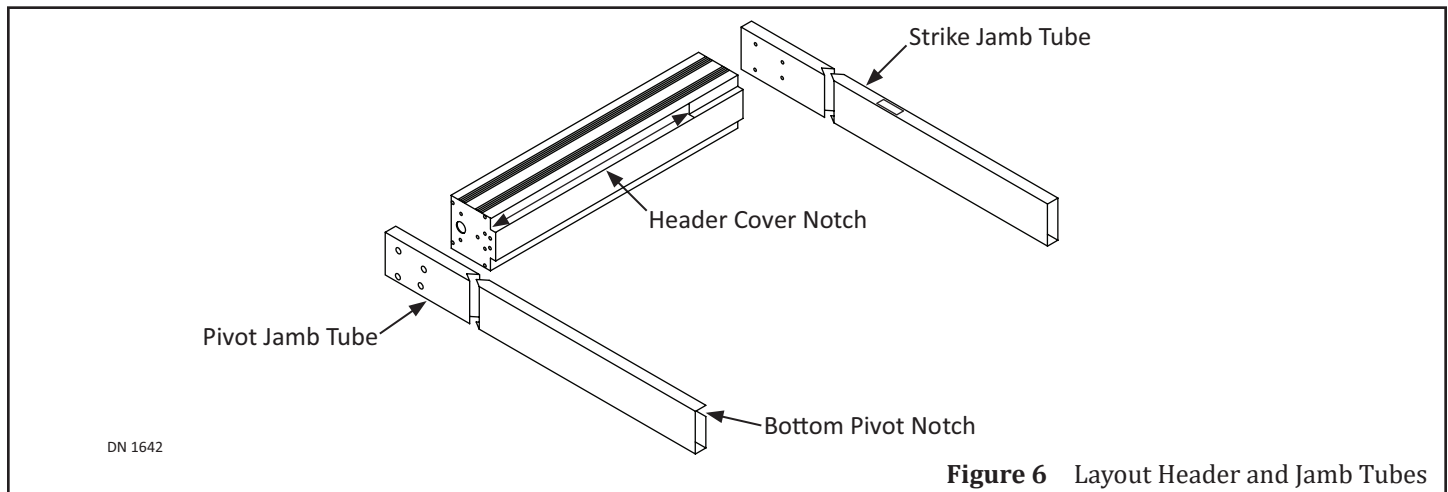
### 6.1.2 Fixed Sidelite Slide Door

1. The Telescopic Slide door system has (2) removable covers, one on each side of the Header.
2. Place the Header on the floor so the removable cover with (1) long slot, located on the Pivot side, is facing up.
  - a. The long slot is used to allow the Header Cover, located behind the Fixed Sidelite Panel, to be removed.



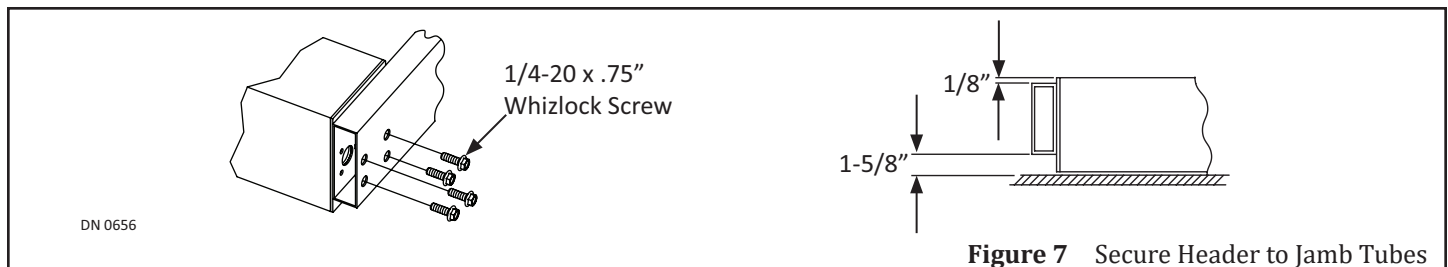
3. Go to the Pivot Jamb Tube. Locate (1) Notch at the bottom used for the Mounting Clip.

4. Lay the Pivot Jamb Tube on a flat surface, so the Notch will face the inside of Door Frame and “up” from the floor.
  - a. Ensure the Pivot Jamb Tube is positioned on the same side of the Header Cover with the Notch.
  - b. If done correctly, the pre-drilled screw holes will properly align with the Header End Cap.
5. Lay the Strike Jamb Tube on a flat surface. Align the pre-drilled screw holes with the Header End Cap.

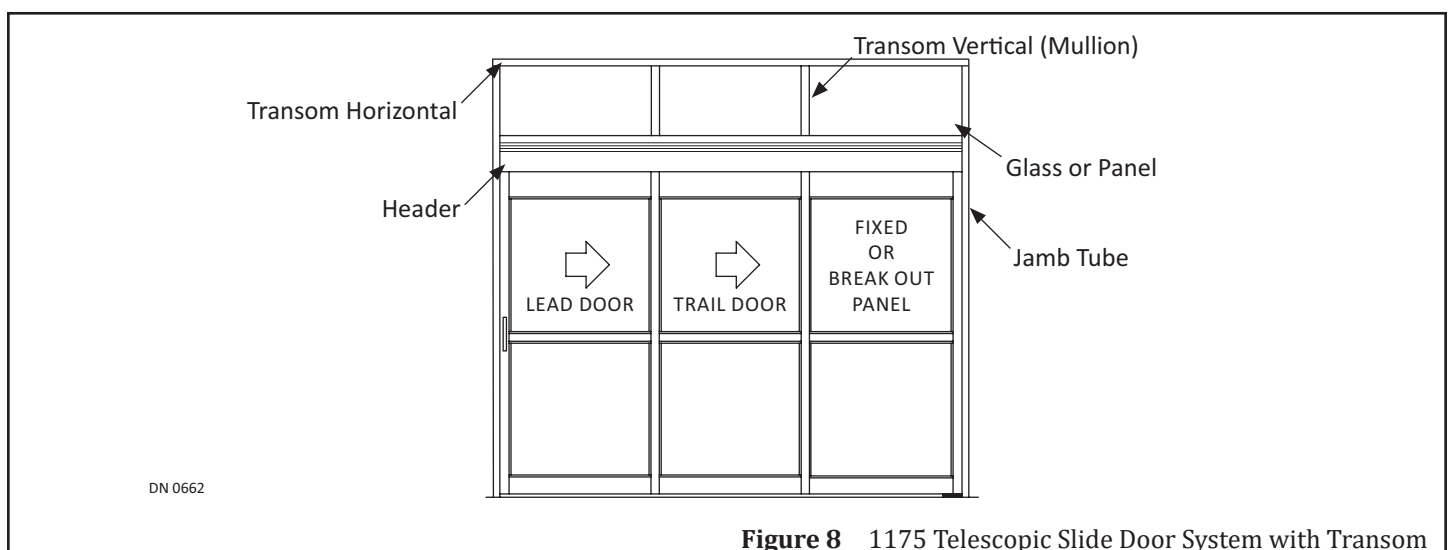


### 6.1.3 Secure Jamb Tubes to Header

1. Secure the Header to each Jamb Tube with (8) 1/4-20 x 1 inch Whizlock screws provided by NABCO.
  - a. (4) Screws on the inside, (4) Screws on the outside.
  - b. If assembled correctly, the Jamb Tubes will approximately be 1-5/8 inches from the floor.



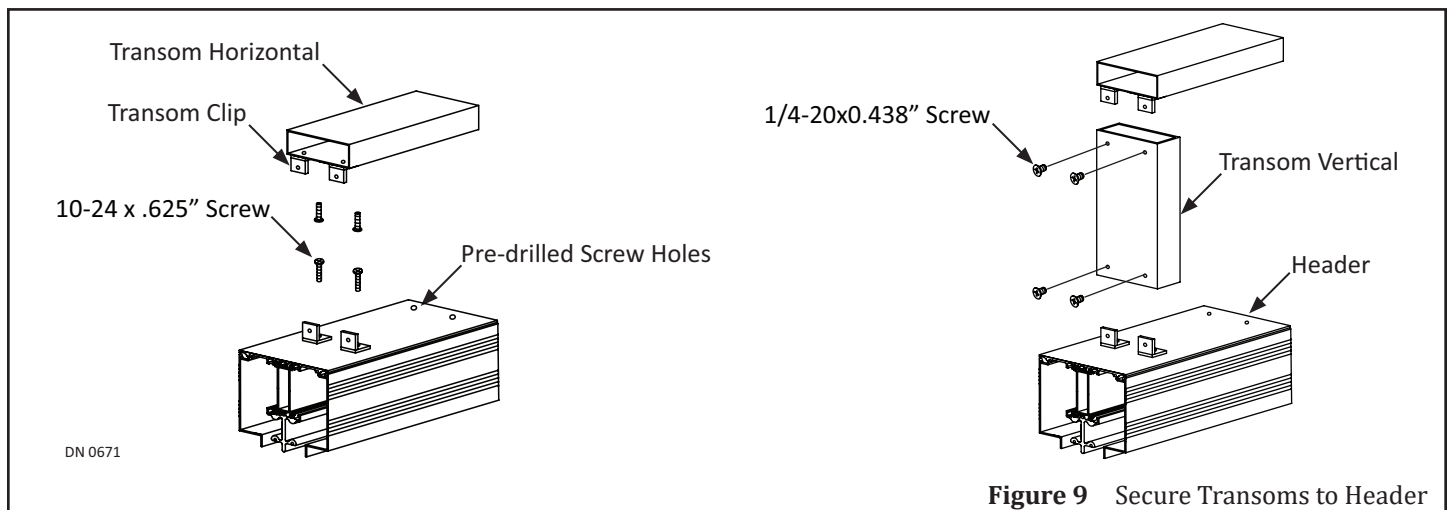
## CHAPTER 7: ASSEMBLE THE DOOR FRAME (WITH TRANSOM)



*Note: For a Door Frame/Transom assembly that is over 11 feet (132 inches) tall, please call Customer Service at 1-888-679-3319 to special order a reinforced Transom with Tie Rods.*



## SECTION 7.1: Secure the Transom Verticals to Header



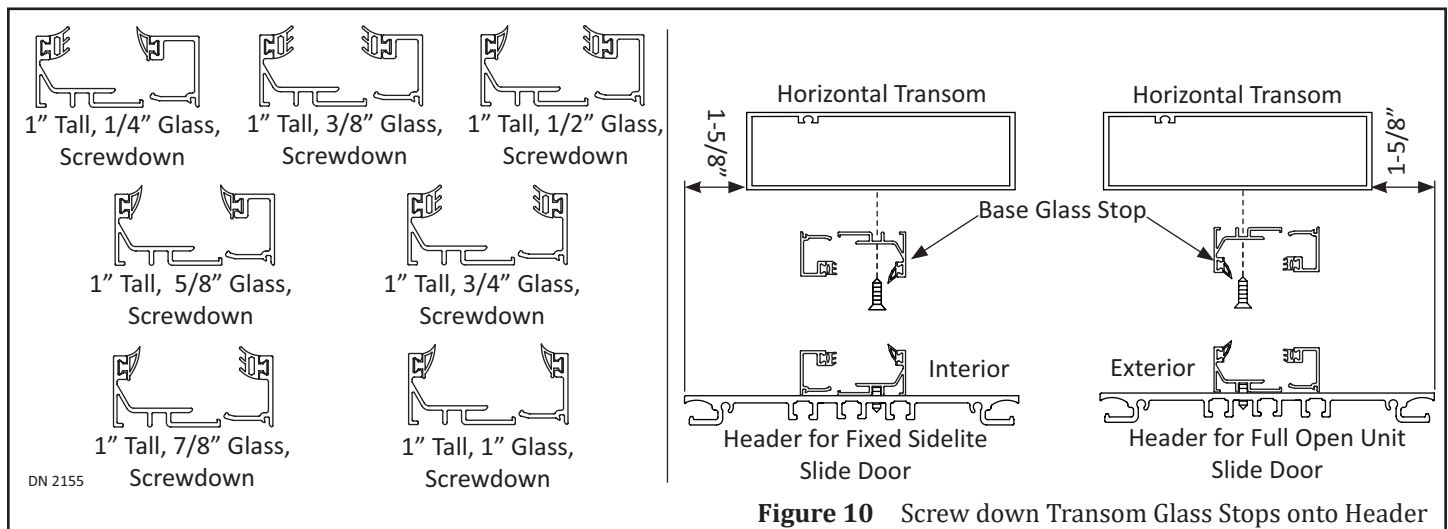
**Figure 9** Secure Transoms to Header

1. Locate pre-drilled 5/8 inch screw holes on the top of Header and bottom of the Transom Horizontal.
2. Secure Transom Clips to both the top of Header and bottom of Transom Horizontal with #8 x 5/8 inch Self Tapping screws.
3. Slide each Transom Vertical over Transom Clips. Ensure Transom Verticals are parallel.
4. Secure each Transom Vertical to Transom Clips with 1/4-20 x 1" Flat Head screws.

## SECTION 7.2: Install the Glass Stops

*Note: Each Glass Stop is precut at the NABCO Factory according to placement and height of the Transom Vertical.*

*Note: Glass Panels can be installed before or after the Door Frame is secured to the rough opening.*

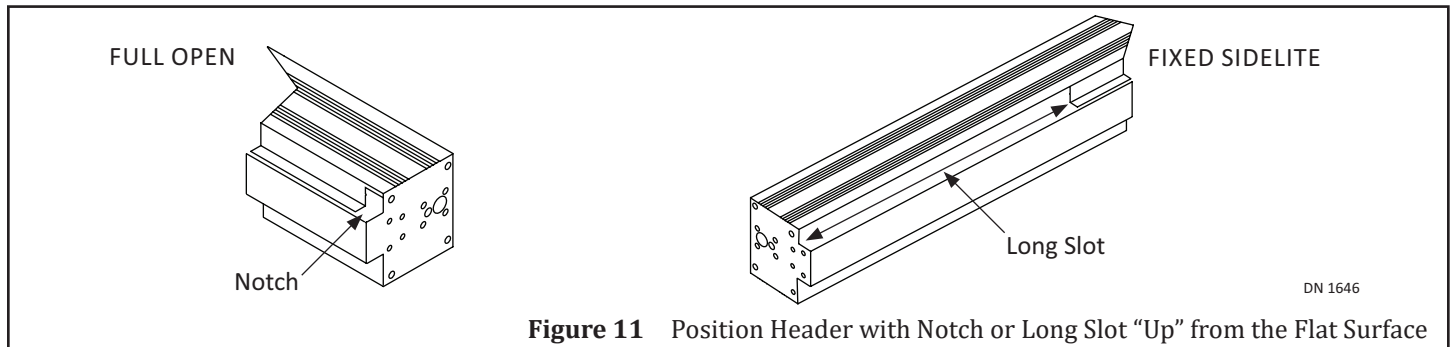


**Figure 10** Screw down Transom Glass Stops onto Header

1. Go to the top of Header. Screw down Base Glass Stops between, and either side of Transom Verticals.
  - a. For Full Open Slide Doors, ensure the tall back of Base Glass Stops face the *Exterior* side of building.
  - b. For Fixed Sidelite Slide Doors, ensure the tall back of Base Glass Stops face the *Interior* side of building.
2. Go to the Transom Horizontal. Screw down Base Glass Stops between, and either side of Transom Verticals.
  - a. For Full Open Slide Doors, ensure the tall back of Base Glass Stops face the *Exterior* side of building.
  - b. For Fixed Sidelite Slide Doors, ensure the tall back of Base Glass Stops face the *Interior* side of building.
3. Go to the Transom Vertical. Screw down Base Glass Stops between the Transom Horizontal and Header.

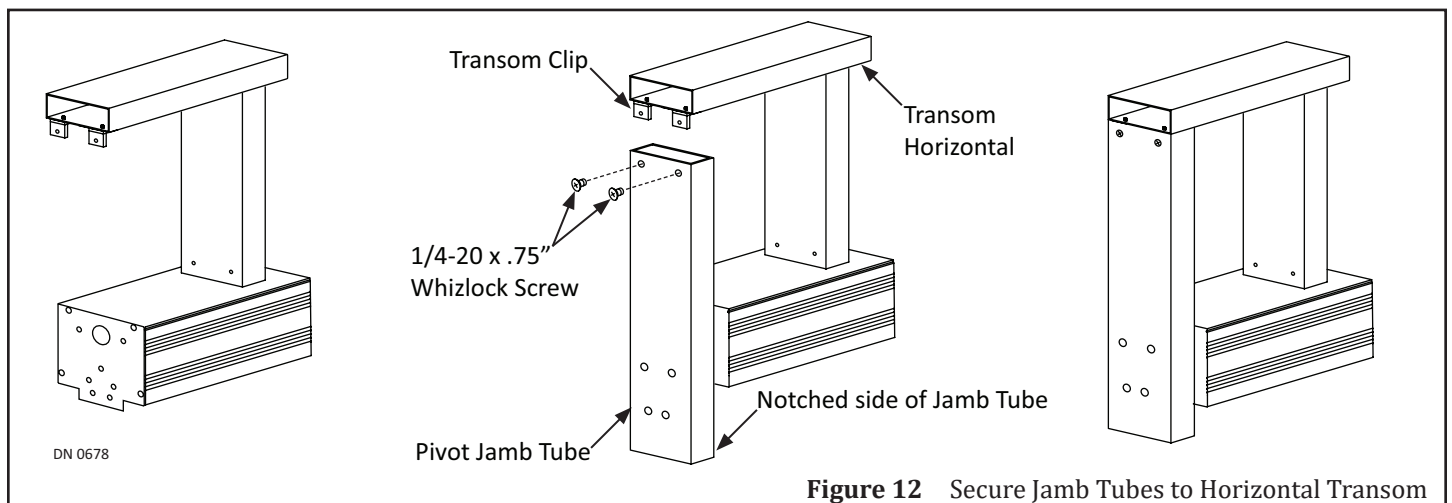
### SECTION 7.3: Secure the Header to Jamb Tubes

1. Place the Header on a flat surface with the (Notched Cover, Full Open), or (Long Slotted Cover, Fixed Sidelite) facing UP.



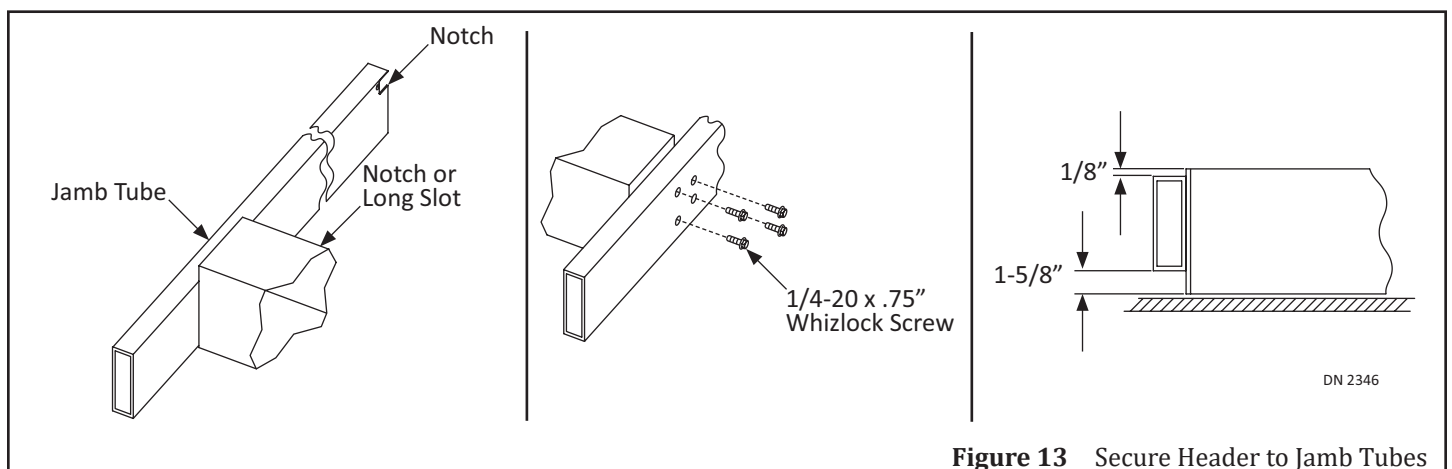
**Figure 11** Position Header with Notch or Long Slot "Up" from the Flat Surface

2. Go to the Pivot Jamb Tube. Locate (1) Notch at the bottom.
3. Lay the Pivot Jamb Tube on a flat surface, so the Notch will face the inside of Door Frame and "up" from the floor.
  - a. Ensure the Pivot Jamb Tube is positioned on the same side of the Header Cover with the Notch or Long Slot.
  - b. If done correctly, the pre-drilled screw holes will properly align with the Header End Cap.
4. Secure (2) Transom Clips inside the top of each Jamb Tube with 1/4-20 x .75 inch Whizlock screws.



**Figure 12** Secure Jamb Tubes to Horizontal Transom

5. Lay the Strike Jamb Tube on a flat surface. Align the pre-drilled screw holes with the Header End Cap.
6. Secure the Header to each Jamb tube with 1/4-20 x .75 inch Whizlock Screws.

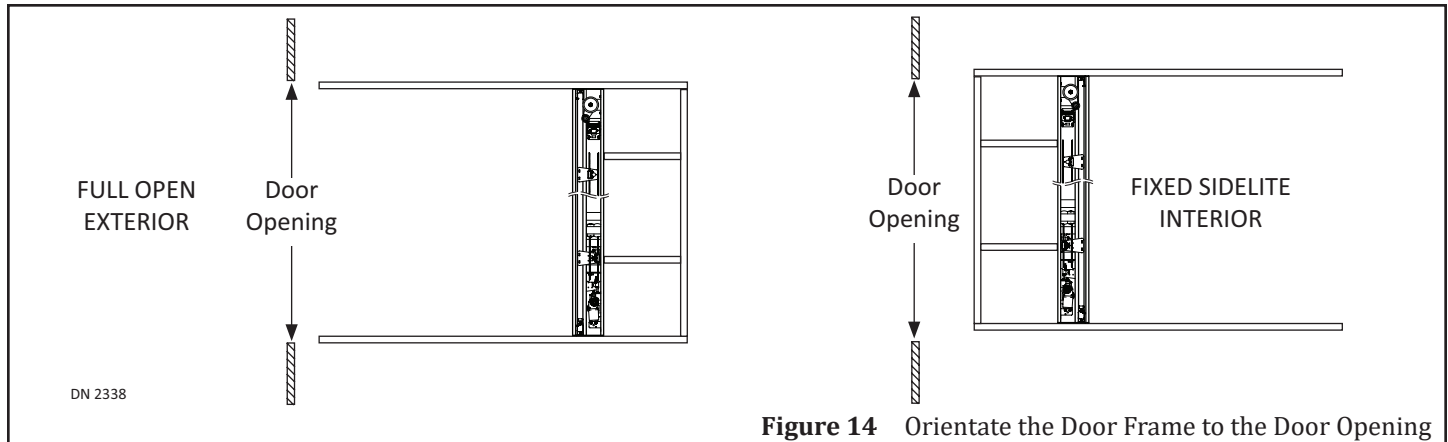


**Figure 13** Secure Header to Jamb Tubes

## CHAPTER 8: SECURE THE DOOR FRAME TO BUILDING

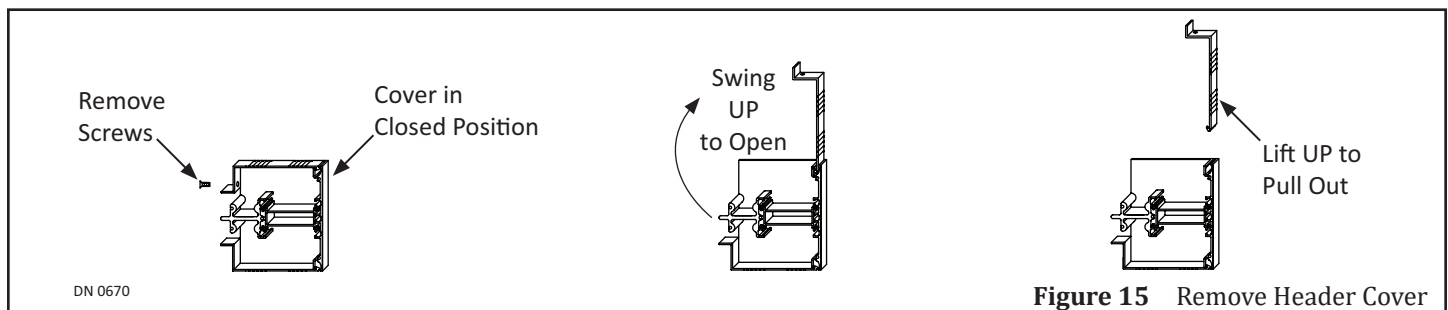
### SECTION 8.1: Insert Door Frame into Rough Opening

1. Orientate the Frame in relation to the building
  - ▶ Fixed Sidelite: Removable Cover side of Header must face the Exterior side of building.
  - ▶ Full Open: Removable Cover side of Header must face the Interior side of building.



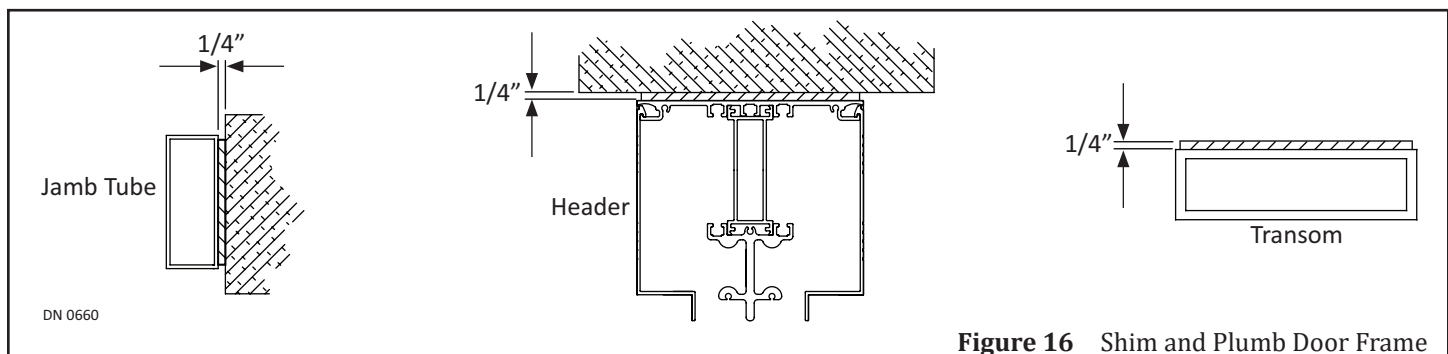
**Figure 14** Orientate the Door Frame to the Door Opening

2. Remove (2) 10-24 x 0.625 inch Philips Head screws. Remove Header Cover by lifting it up and then pulling it out.
3. Unplug the Sensor (if equipped).



**Figure 15** Remove Header Cover

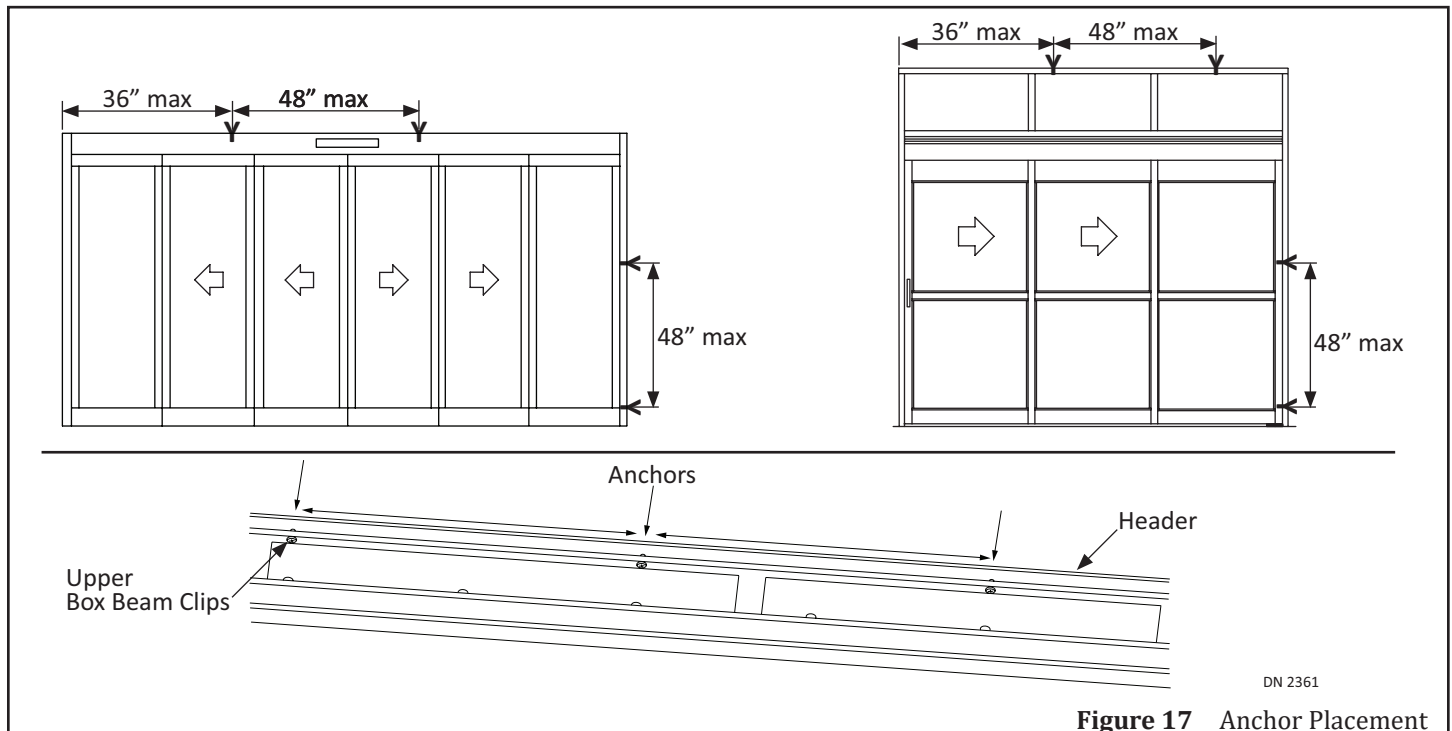
4. Lift to position the assembled Frame into the rough opening.
5. Shim and Plumb Jamb Tubes in both planes to ensure the rough opening allows a 1/4 inch clearance.
6. Shim and plumb the Header or the Transom Horizontal at the top to ensure the rough opening allows a 1/4 inch clearance.



**Figure 16** Shim and Plumb Door Frame

### SECTION 8.2: Anchor Placements

- ▶ 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 manufacturer's specifications).

**Figure 17** Anchor Placement

- 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.

### 8.2.1 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.

### 8.2.2 Header

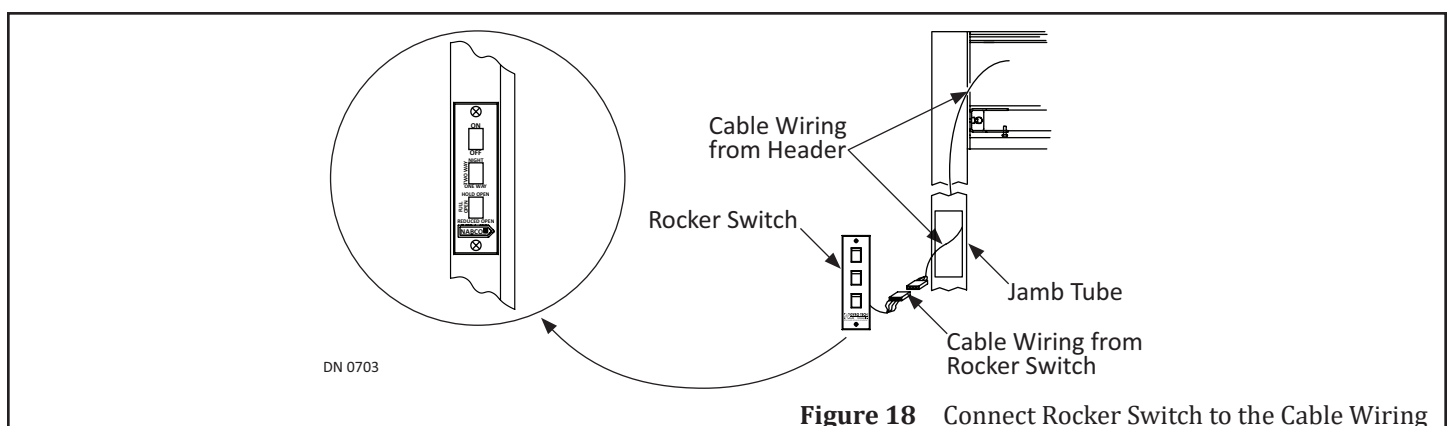
**Note:** Header anchors must be located next to Upper Box Beam Clips (not between them).

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".

### 8.2.3 Transom

Use 1/4 inch diameter anchors with a minimum of 3 per Transom tube, maximum is 48 inches on center. Anchoring is required within 8 inches of all vertical mullions. Drill 1/4 inch diameter holes in the face of Jamb and then countersink each hole.

## CHAPTER 9: WIRE THE ROCKER SWITCH

**Figure 18** Connect Rocker Switch to the Cable Wiring

1. Remove the Rocker Switch and (2) screws from the Jamb Tube.
2. There is approximately (2) feet of Cable Wiring connected to the Main Harness inside the Header. Withdraw the Cable Wiring through a hole at the bottom Lip of Header. Continue to route the Cable Wiring through the top of Jamb Tube, then down to where the Rocker Switch was removed.
3. Pull the Cable Wiring through the cut out. Connect the Cable Wiring to the Rocker Switch Harness.
4. Secure the Rocker Switch to the Jamb Tube with (2) screws.

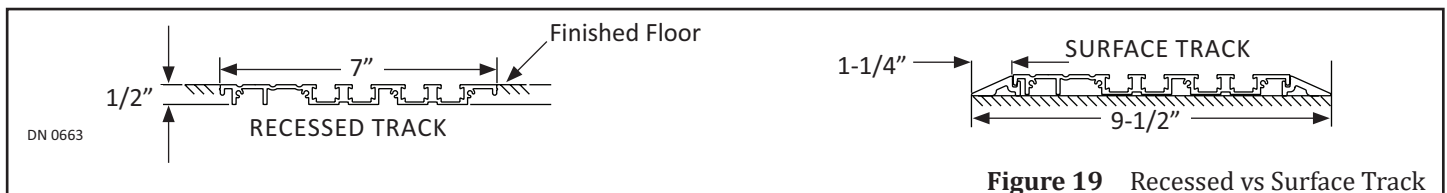
## CHAPTER 10: INSTALL THE THRESHOLD

**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.

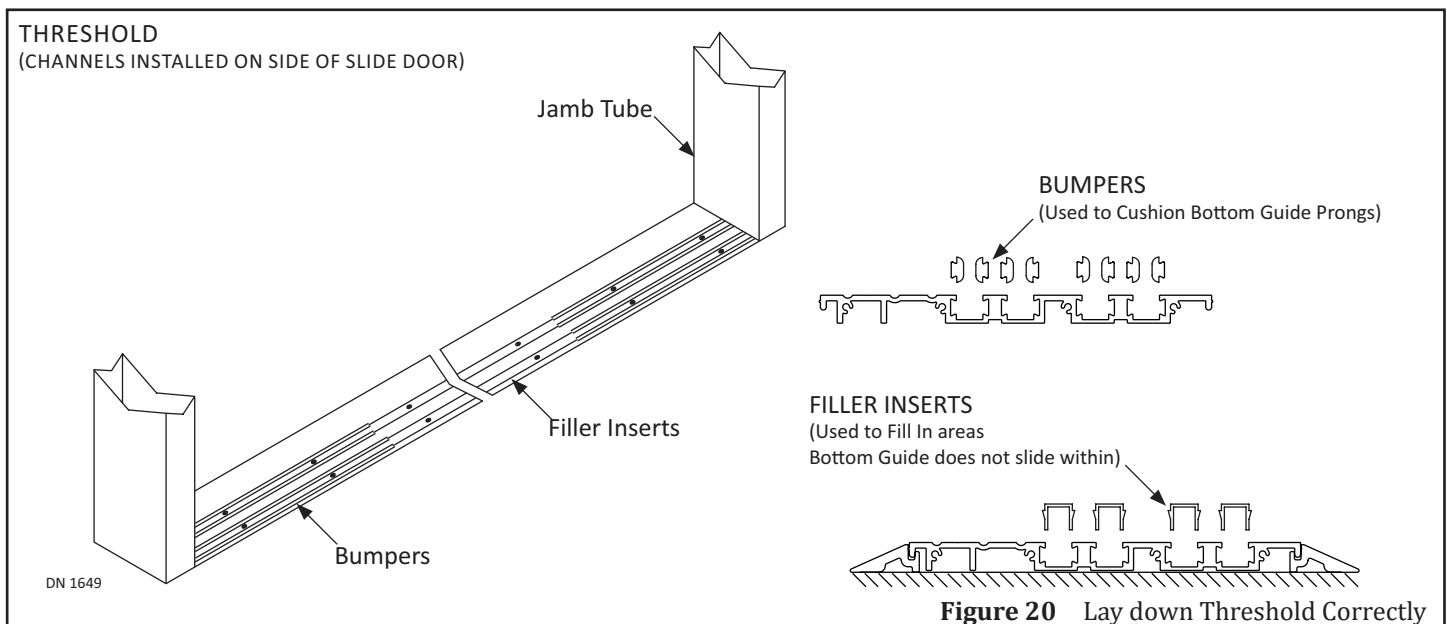
Standard Thresholds vary in width and can be installed two different ways:

- ▶ 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.



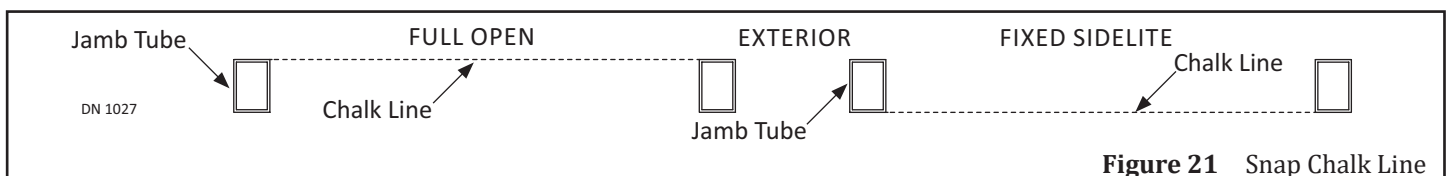
**Figure 19** Recessed vs Surface Track

### SECTION 10.1: Install the Surface Threshold



**Figure 20** Lay down Threshold Correctly

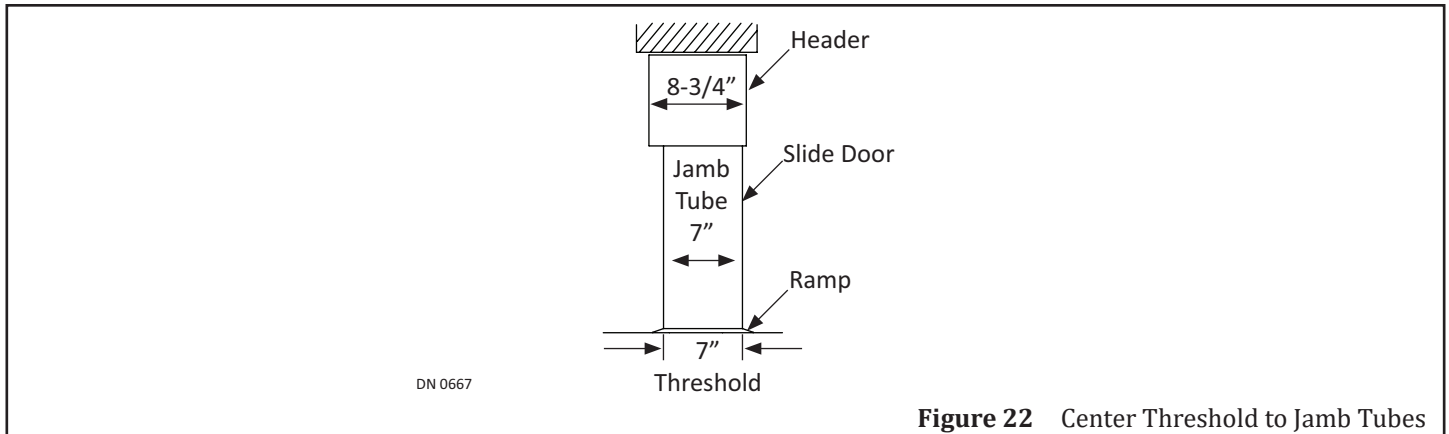
1. On the same side of Door Frame where the Sidelite will be installed, snap a chalk line on the floor from Jamb to Jamb.



**Figure 21** Snap Chalk Line

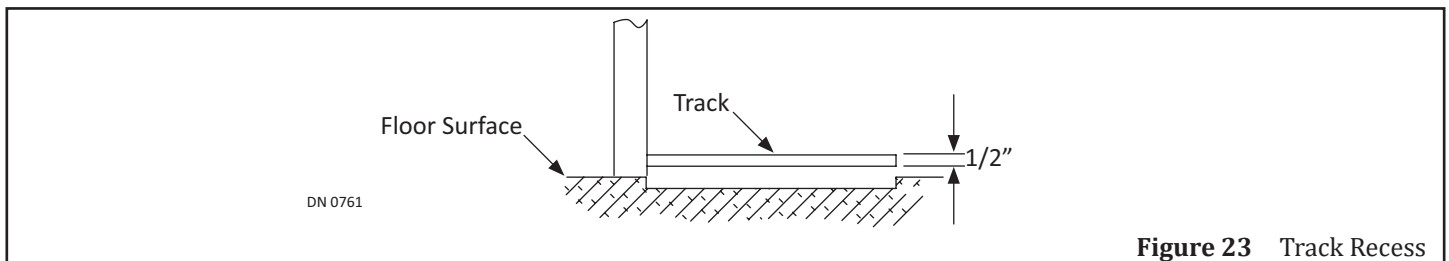
- Attention:**
- Do Not center Surface Threshold to Header. Doing so will cause mis-alignment.
  - Do not permanently install the Surface Threshold until the Slide Doors are completely installed.

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.

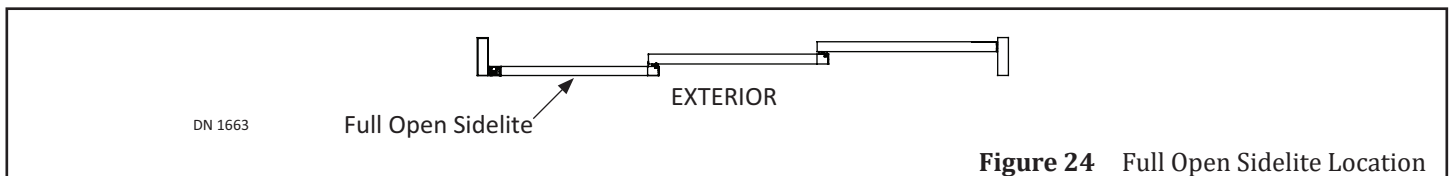
**Figure 22** Center Threshold to Jamb Tubes

## SECTION 10.2: Install the Recessed Threshold

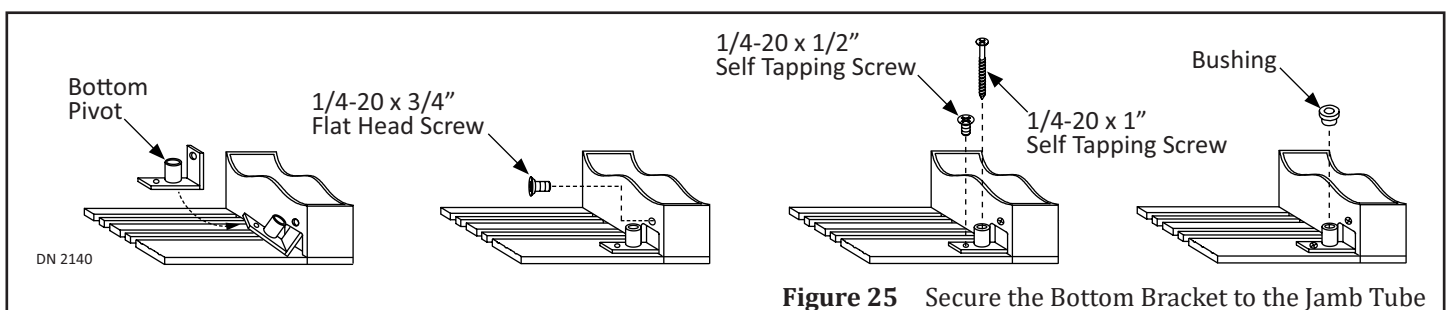
1. On the same side of Door Frame where the Sidelite will be installed, snap a chalk line on the floor from Jamb to Jamb.
2. Create a channel that is 1/2 inch deep x 7 inches wide x full length of Threshold.
3. Lay down the Threshold so the Bumper Channels are on same side of Slide Doors.
4. Ensure the 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 23** Track Recess

## CHAPTER 11: INSTALL THE FULL OPEN SIDELITE

**Figure 24** Full Open Sidelite Location

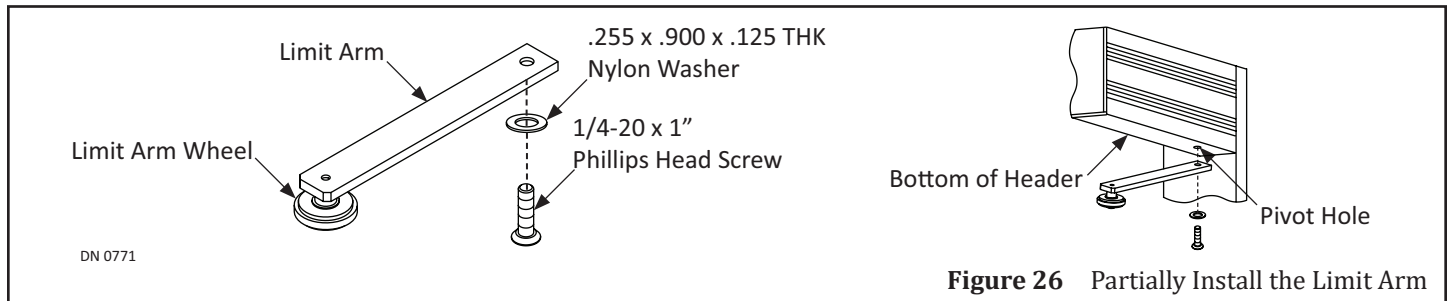
### SECTION 11.1: Secure the Bottom Pivot to the Jamb Tube

**Figure 25** 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.

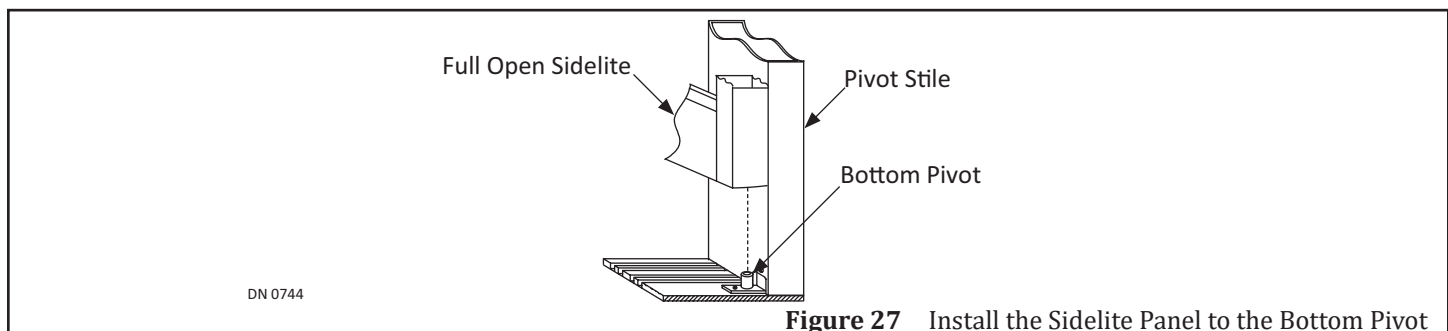
### SECTION 11.2: Partially Install the Limit Arm

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 Phillips Head 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.

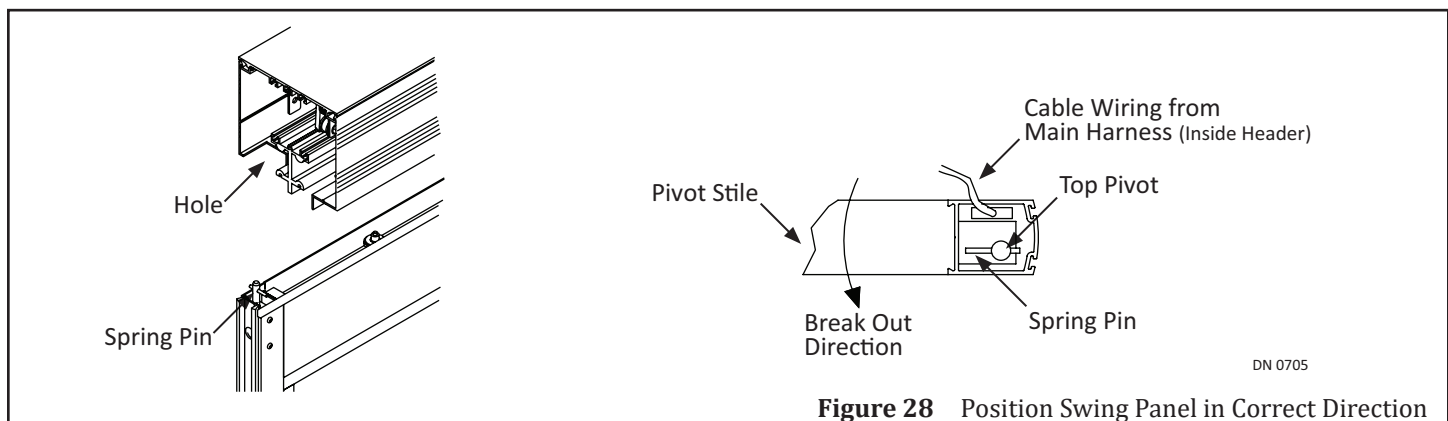


### SECTION 11.3: Install the Full Open Sidelite onto the Upper Pivot and Bottom Pivot

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.



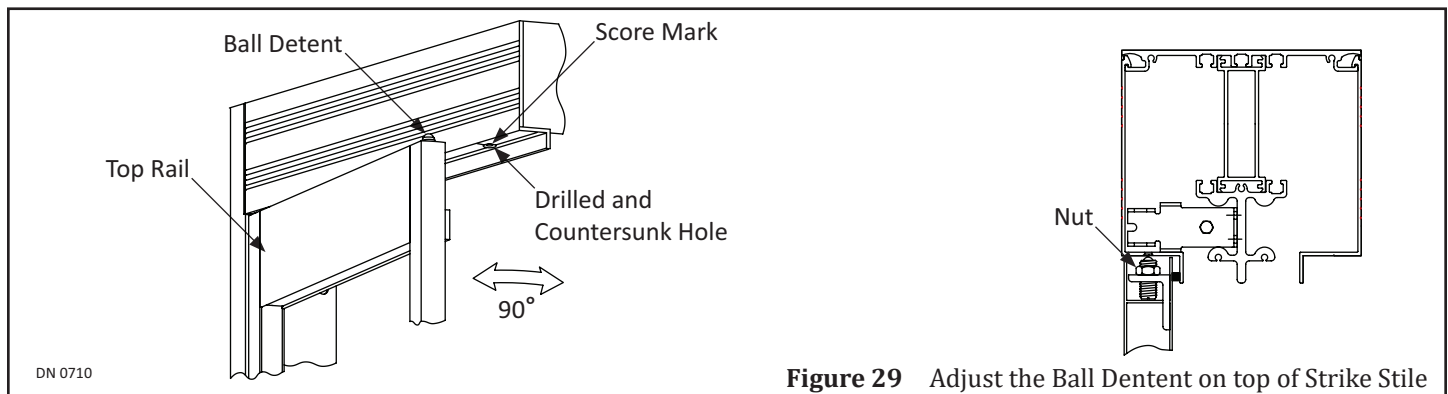
## SECTION 11.4: Complete the Installation of the Limit Arm

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 11.5: Adjust the Ball Detents

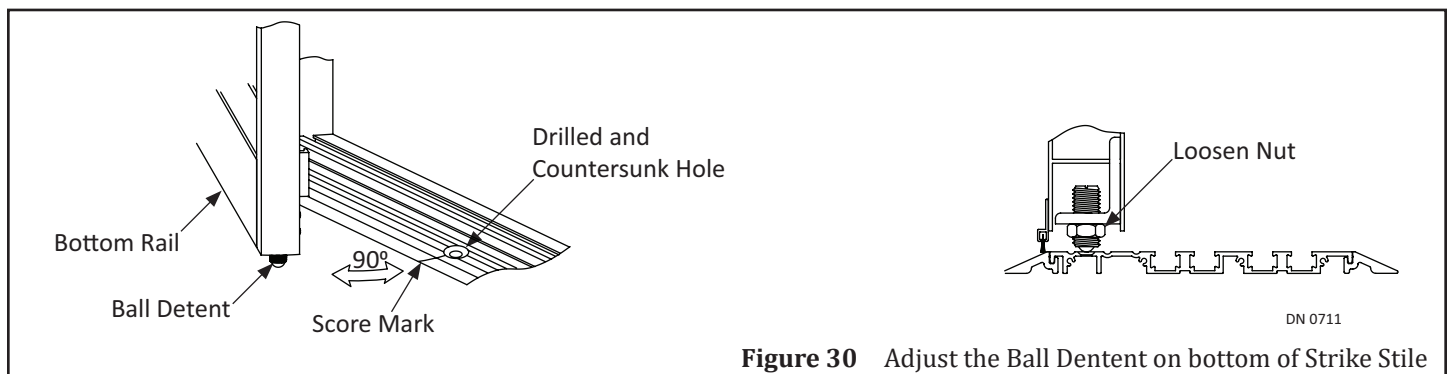
*Note: Breakout resistance for Ball Detents must meet ANSI Standard A156.10 or Local Codes.*

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°.



**Figure 29** Adjust the Ball Detent on top of Strike Stile

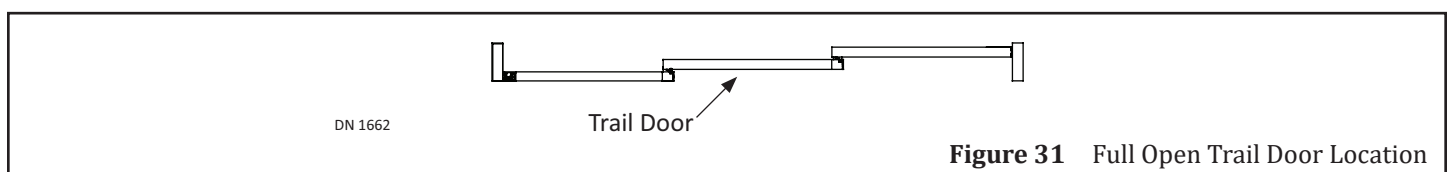
4. Go to the bottom of Strike Stile. With a 15/16" Open End wrench, loosen the Nut to raise or lower the Ball Detent so it has light contact with the Threshold.
5. Open and close the Swing Door several times to score the surface. Mark where the Score intersects the center groove.
6. With a 1/4 inch diameter 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 30** 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 overdrilled the Threshold will need to be replaced.
  - c. For additional travel, remove the Ball Detent Bracket to lower or raise the Ball Detent.
9. Please refer to "CHAPTER 20: Adjustments" to adjust the Sidelite.

## CHAPTER 12: INSTALL THE FULL OPEN TRAIL DOOR



**Figure 31** Full Open Trail Door Location



**CAUTION**

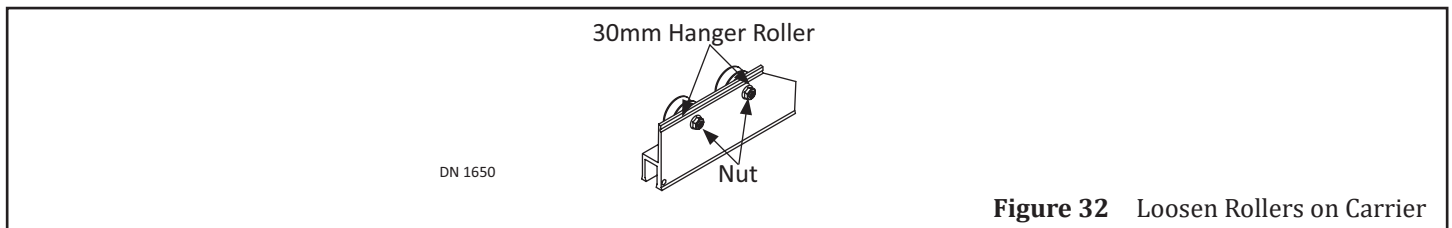
**Do not test Breakout until all adjustments are made and doors are secured.**

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

1. Swing open the Sidelite Panel 90°. Go to the Header Cover on the **EXTERIOR** 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.
2. Close the Sidelite Panel.
3. Cover the Sidelite Panel with cardboard on the side that will face the Trail door.
4. Go to the Carrier on top of the Trail Door.
5. 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.

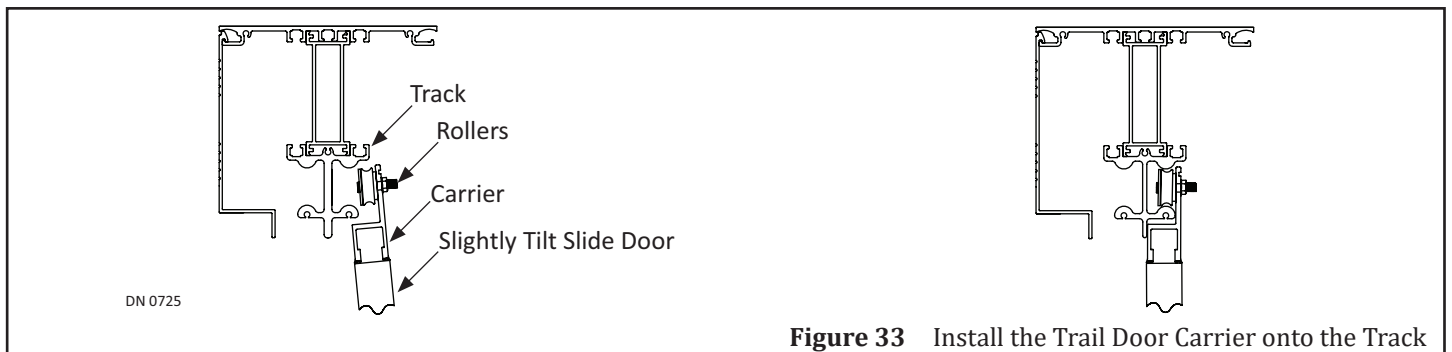
**CAUTION**

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



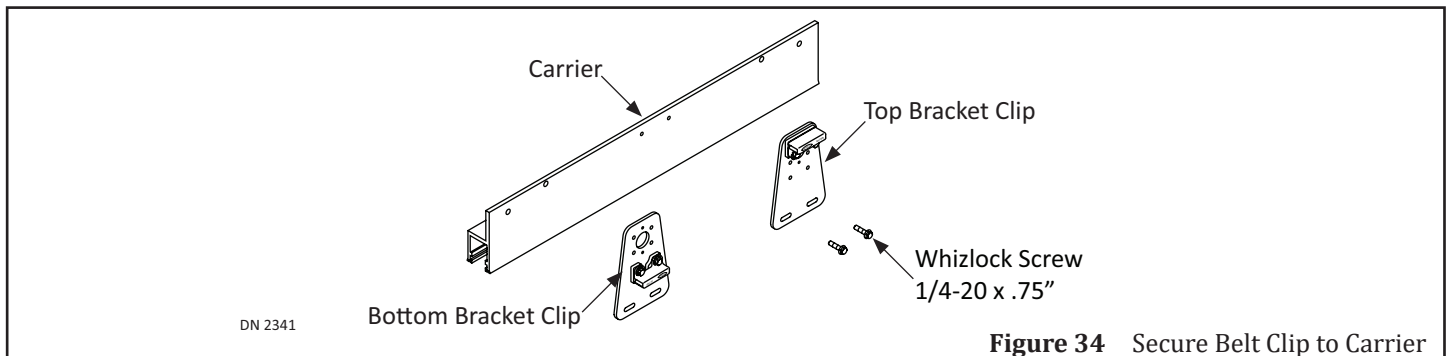
**Figure 32** Loosen Rollers on Carrier

6. 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 33** Install the Trail Door Carrier onto the Track

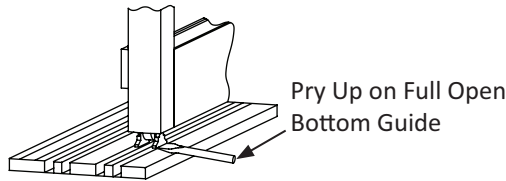
7. Secure the Belt Clip to the Carrier with (2) 1/4-20 x 1 inch Whizlock screws.



**Figure 34** Secure Belt Clip to Carrier

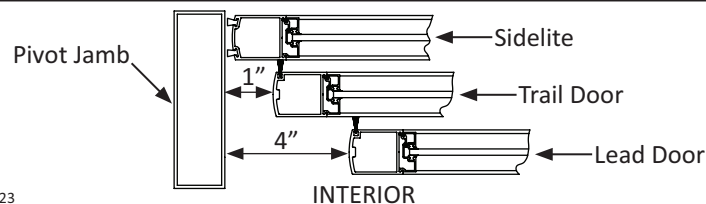
8. Lift up the Prongs located on the pre-installed Bottom Guide. Align and drop the Prongs into the Threshold accordingly.

DN 0859

**Figure 35** Insert Prongs into Threshold

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

DN 0723

**Figure 36** Insert Prongs into Threshold

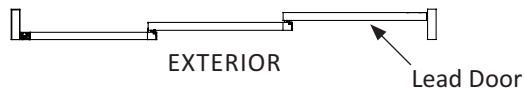
10. Please refer to "CHAPTER 20: Adjustments" to adjust the Trail Door.

## CHAPTER 13: INSTALL THE FULL OPEN 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.



DN 1661

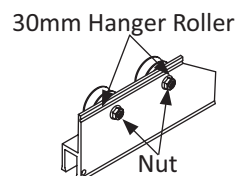
**Figure 37** Full Open Lead Door Location

### CAUTION

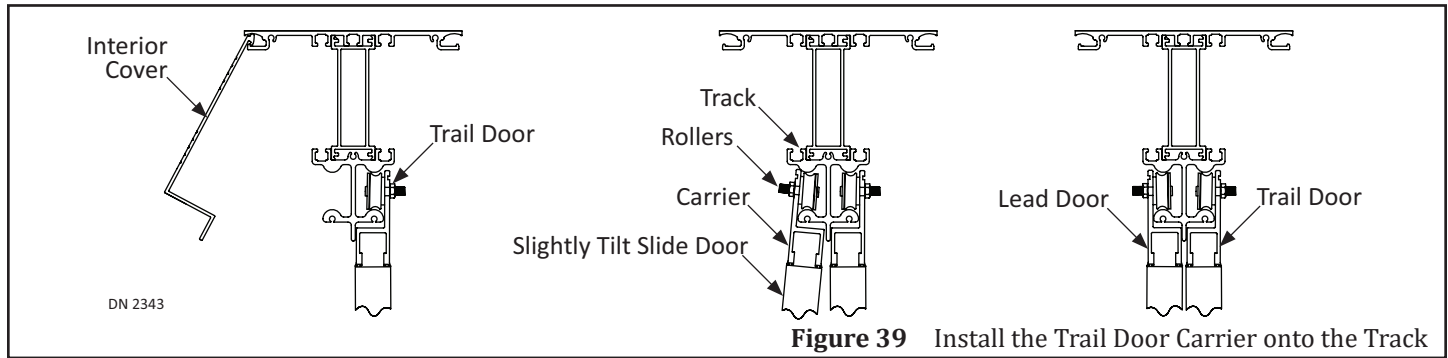
**Do not rotate the Roller Axle counter-clockwise. Doing so will unthread the Axle from the Roller Assembly.**

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.

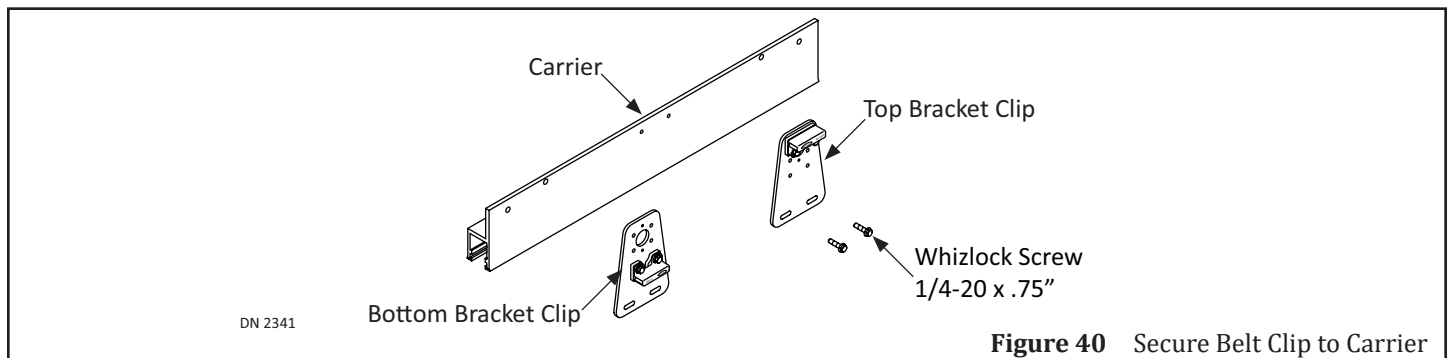
DN 1650

**Figure 38** Loosen Rollers on Carrier

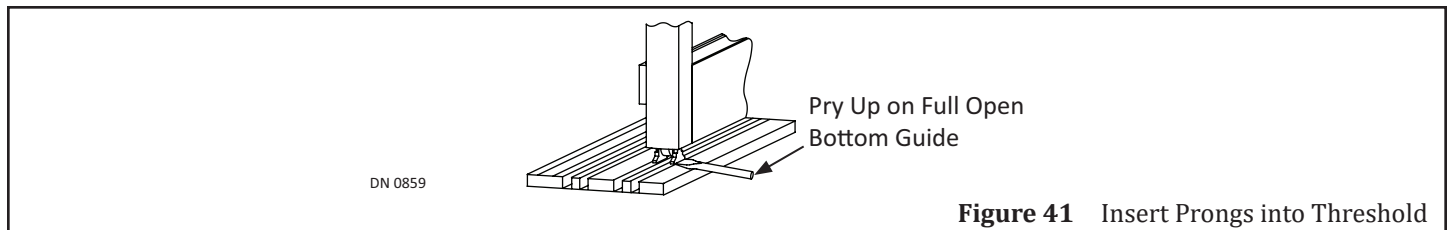
6. Secure the Belt Clip to the Carrier with (2) 1/4-20 x 1 inch Whizlock screws.



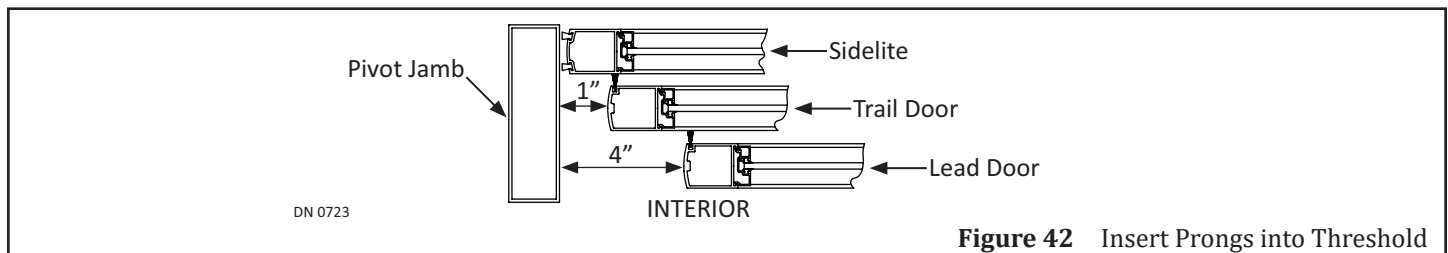
7. Lift up the Prongs located on the pre-installed Bottom Guide. Align and drop the Prongs into the Threshold accordingly.



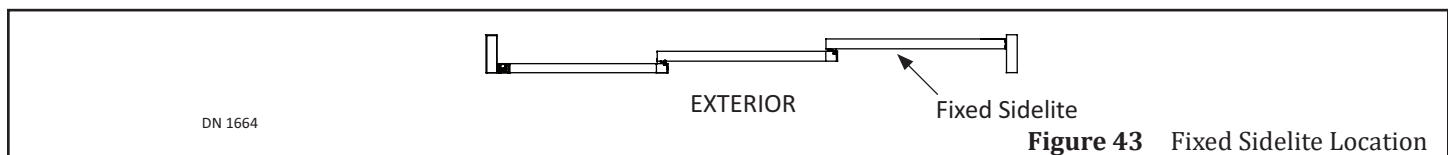
8. Adjust the Door Stop so the Fully Open position for the Lead Door stops 4 inches away from the Pivot Jamb.



9. Please refer to "CHAPTER 20: Adjustments" to adjust the Lead Door.

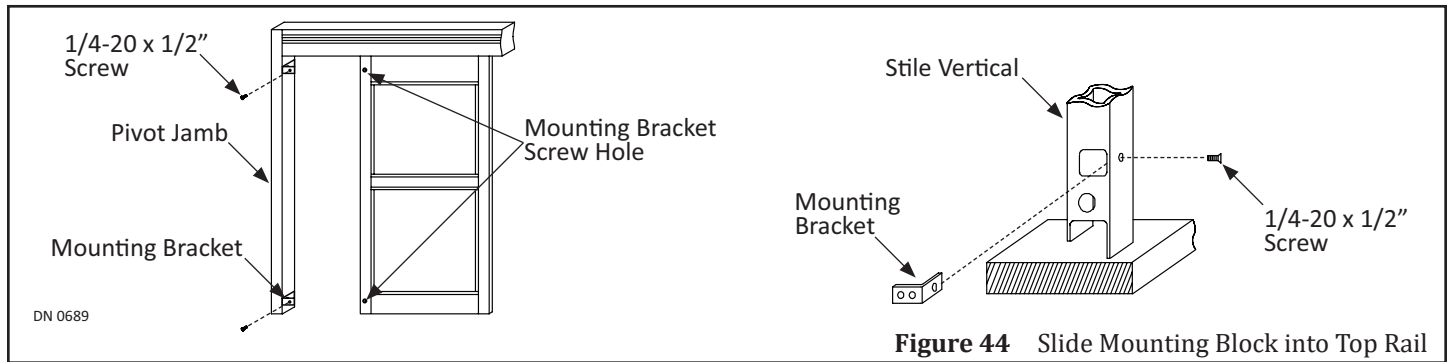


## CHAPTER 14: INSTALL THE FIXED SIDELITE

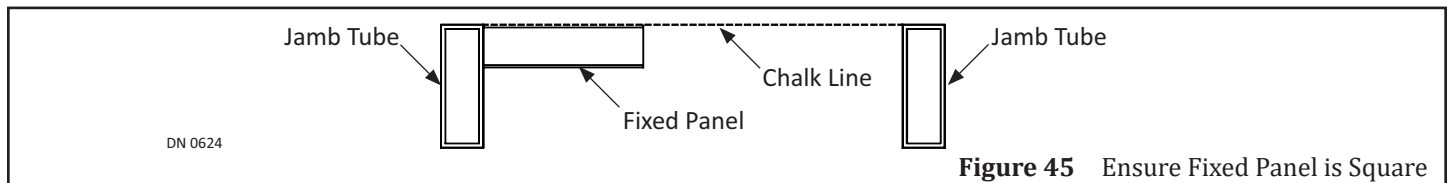


1. Go to the Pivot Jamb Tube. Locate (2) pre-installed Mounting Brackets.
2. Slide the Sidelite Panel onto the Mounting Brackets. The Mounting Bracket must go through the cutout clearance and be flush against the inside wall.

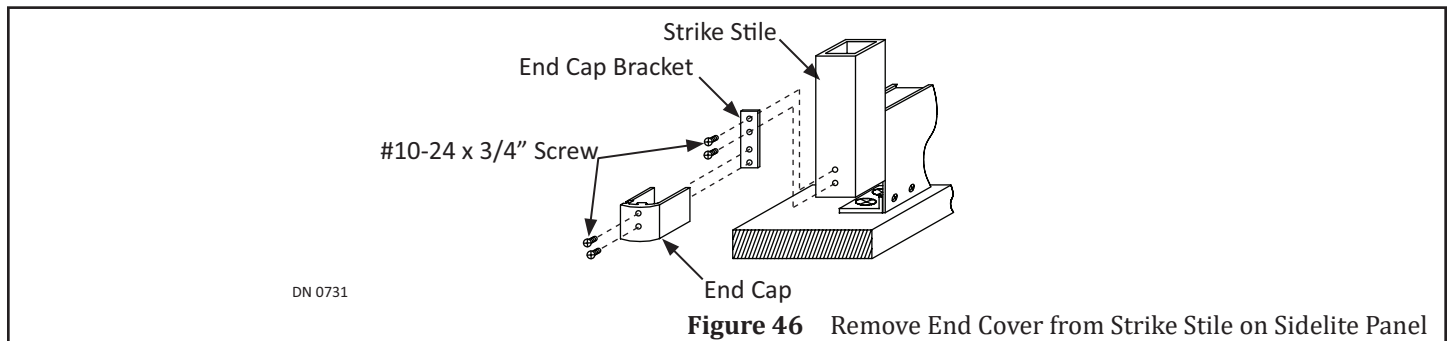
3. Temporarily secure the Sidelite Panel to the Mounting Brackets with 1/4-20 x 1/2 inch Socket Head Screws.



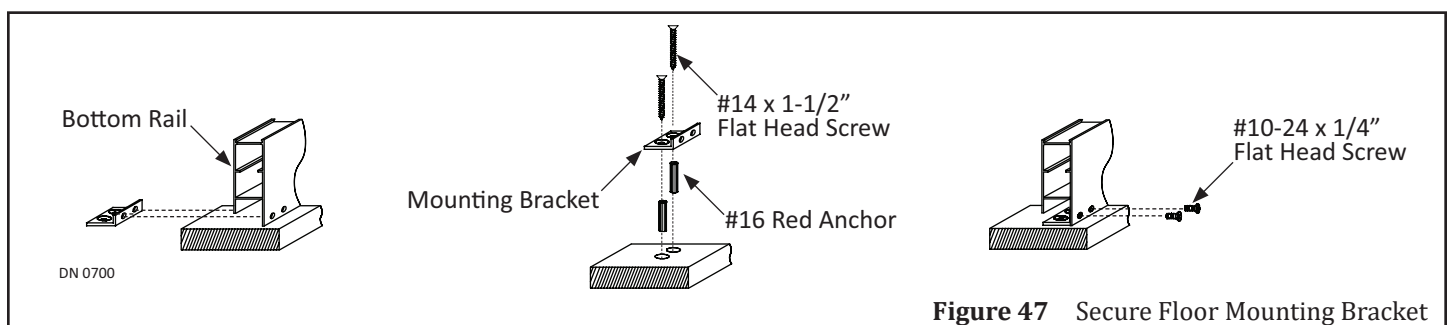
4. Snap a chalk line between Jamb tubes in front of Sidelite Panel.
- If the Sidelite Panel runs parallel to the chalk line it is square.
  - If the Sidelite Panel is not parallel to the chalk line make necessary adjustments until it is.



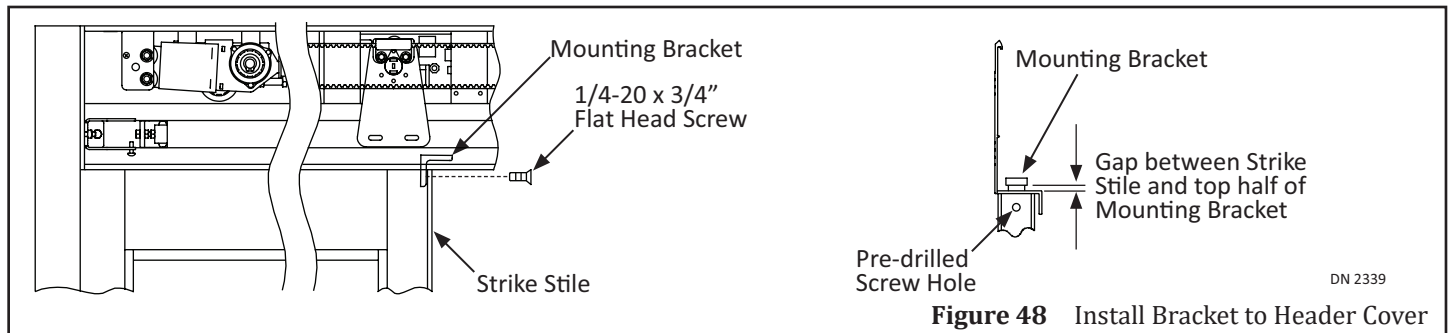
5. Go to the bottom of the Fixed Sidelite, Strike Stile. Remove the End Cap Cover and End Cap Bracket.



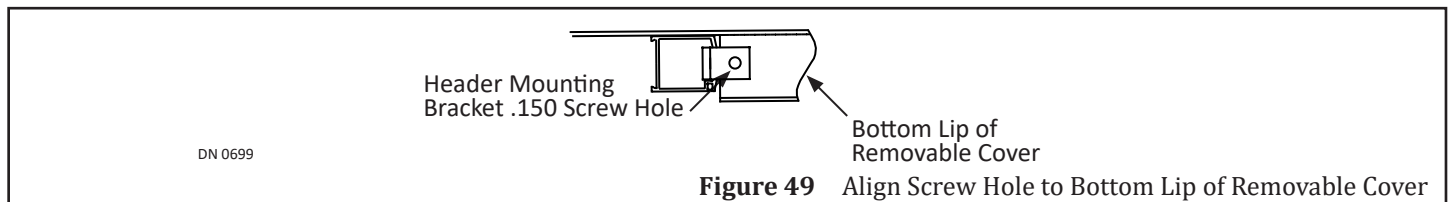
- Slide the Floor Mounting Bracket underneath the Bottom Rail.
- Temporarily secure the Mounting Bracket to the Sidelite Panel with (2) #10-24 Flat Head screws.
- Trace the Mounting Bracket onto the flat surface while holding the Sidelite Panel parallel to the chalk line.
- Remove the Sidelite from all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



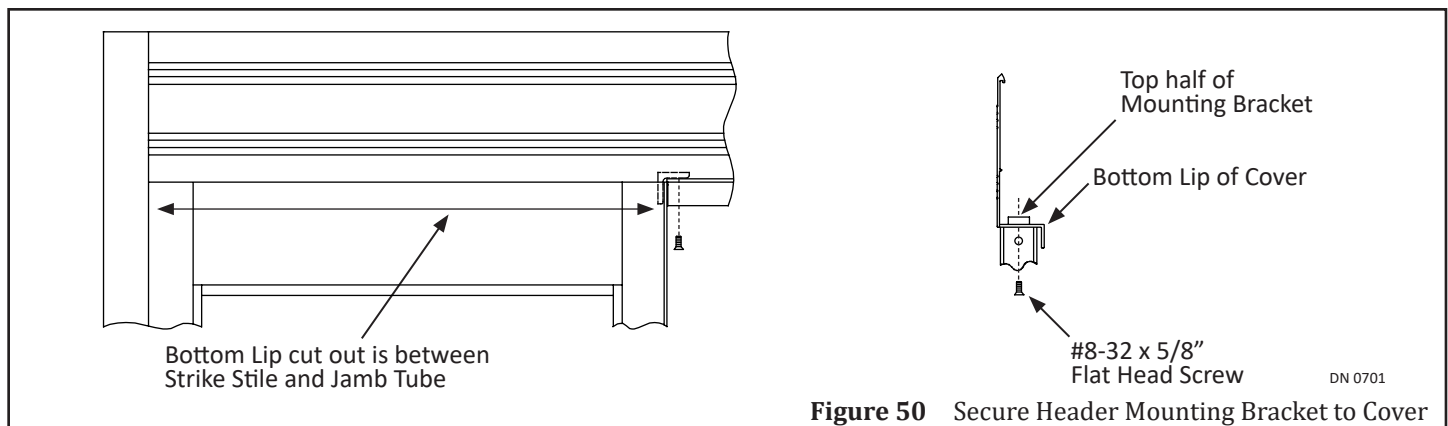
13. Secure the Top Mounting Bracket to the Strike Stile with (1) 1/4-20 x 1/2 inch Flat Head screw.
  - a. There will be a gap between the bottom face of the Mounting Bracket and the top end of the Strike Stile.
14. Temporarily replace and secure the Header Cover. The Cover will swing under the Mounting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



15. Drill (1) .150 screw hole through the pre-drilled hole located underneath the bottom Lip of Cover into the Mounting Bracket.



16. Temporarily secure the Top Mounting Bracket to the bottom Lip of the Header Cover with (1) #8-32 x 5/8 inch Flat Head screw. The Header Cover will need to be removed before installation is complete.

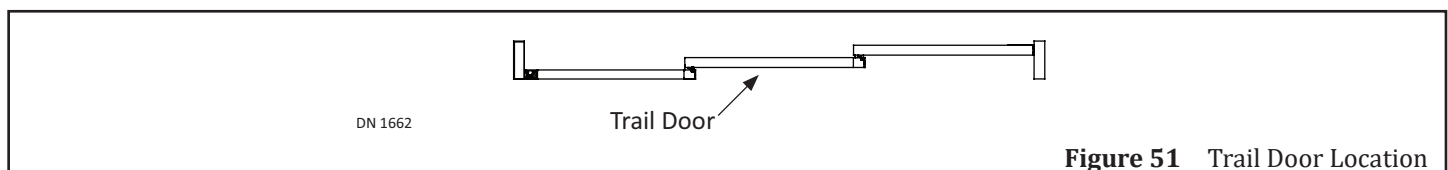


## CHAPTER 15: INSTALL THE FIXED SIDELITE TRAIL DOOR

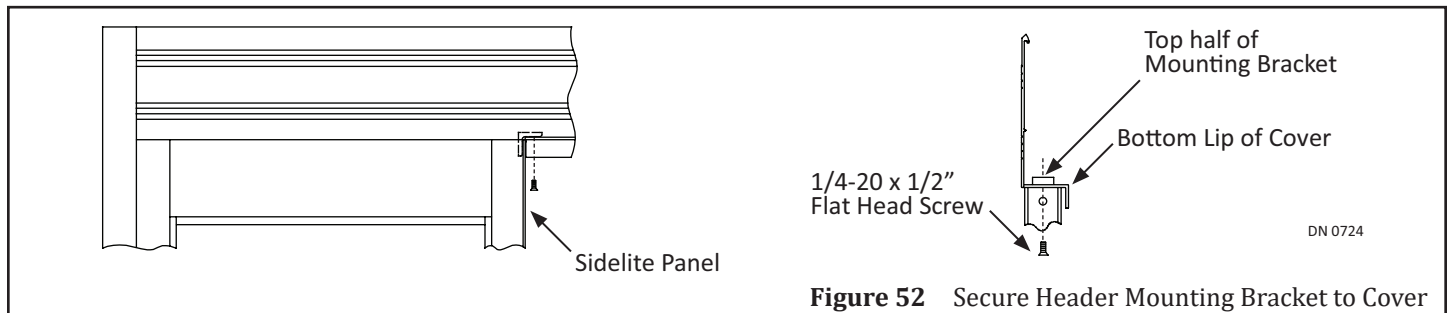
### CAUTION

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 DS-150 Drive Pulley.*



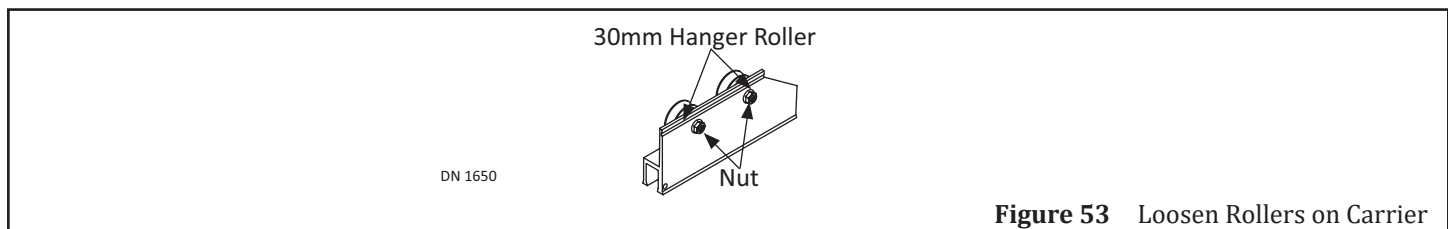
1. Open, and remove the Header Cover on the INTERIOR side of Building.

**Figure 52** Secure Header Mounting Bracket to Cover

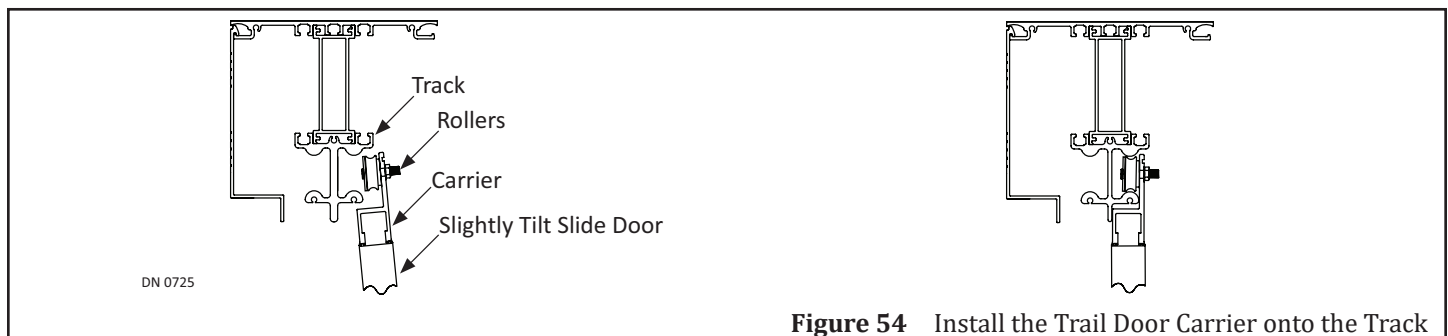
2. Cover the Fixed Sidelite with cardboard on the side that will face the Trail door.
3. Go to the Carrier on top of the Trail Door.
4. Loosen (1) 5/16-18 Whiz Lock Nut on each Roller by inserting (1) 5/32" Allen wrench into the exposed end of a Roller Axle. Hold the 5/32 inch Allen wrench in place to 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**

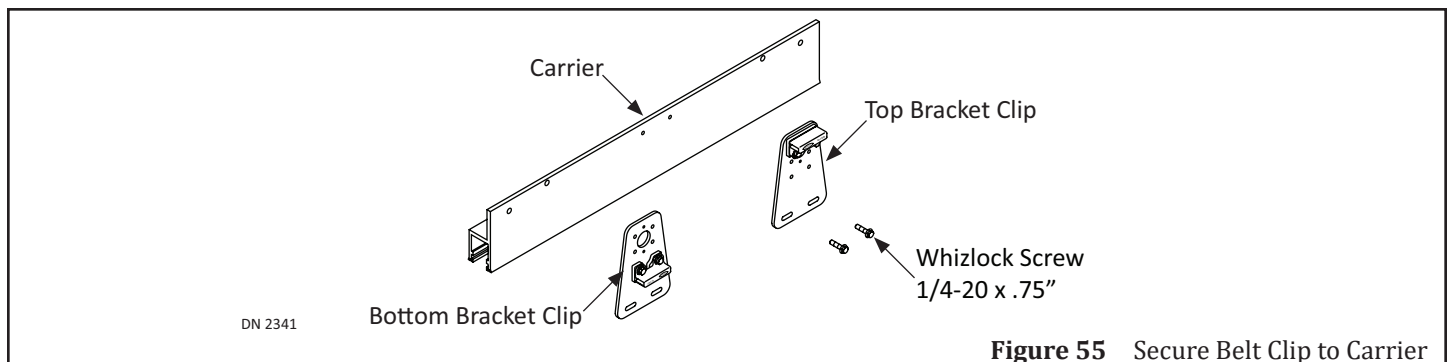
**Do not rotate the Roller Axle counter-clockwise. Doing so will unthread the Axle from the Roller Assembly.**

**Figure 53** Loosen Rollers on Carrier

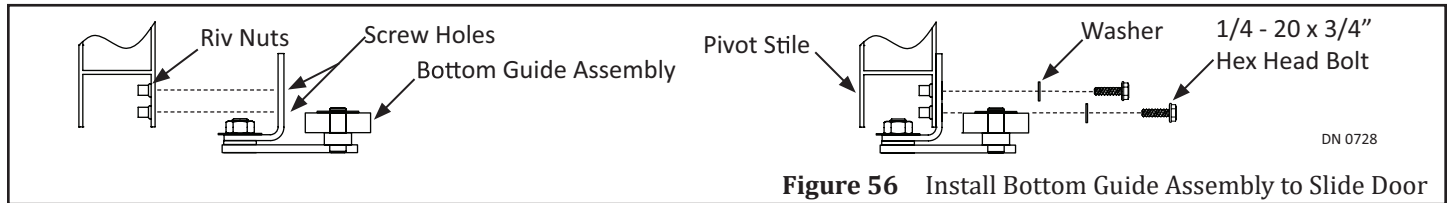
5. To make it easier for rollers to "catch onto the track", slightly tilt and lift the Trail Door into the Header, and onto the Track.

**Figure 54** Install the Trail Door Carrier onto the Track

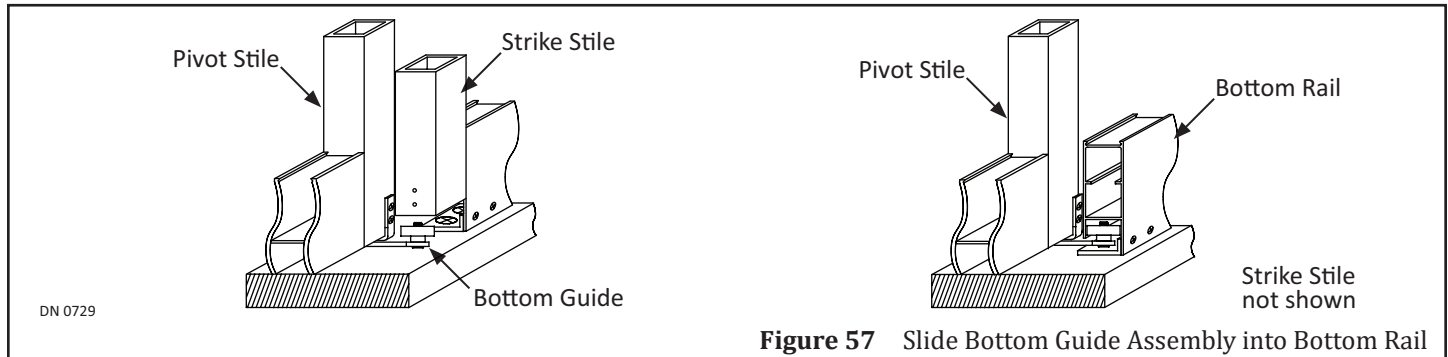
6. Secure the Belt Clip to the Carrier with (2) 1/4-20 x 1 inch Whizlock screws.

**Figure 55** Secure Belt Clip to Carrier

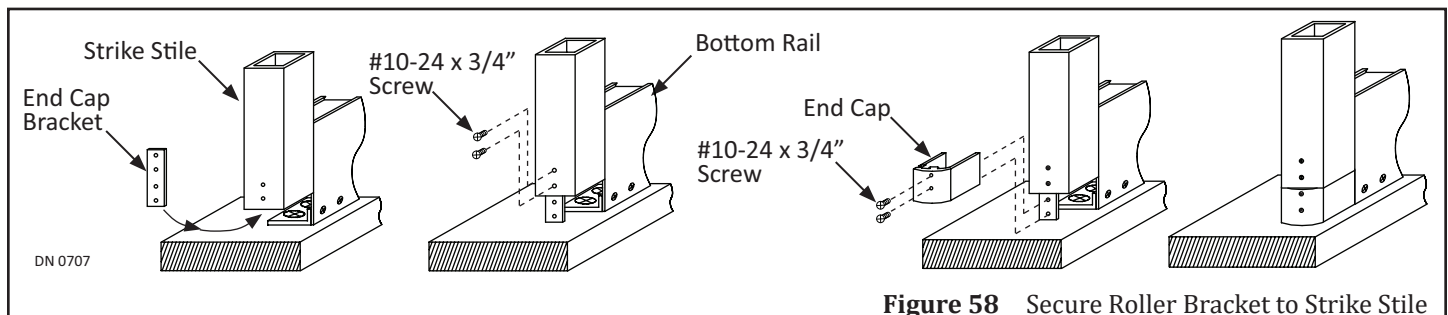
7. Obtain the Bottom Guide. For Bi-Part Slide doors a Left Hand and a Right Hand Bottom Guide will be provided.
8. Secure the Bracket part of the Bottom Guide to the **Pivot** Stile with (2) 1/4 inch Washers and (2) 1/4 - 20 x 1 inch Screws.



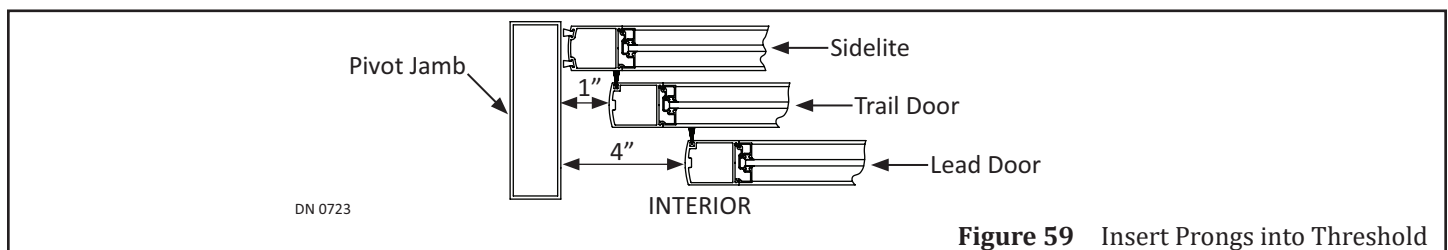
9. Slide the Bottom Guide Rollers inside the Fixed Sidelite, Bottom Rail until it is at least in, halfway over to the Pivot Stile.



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



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



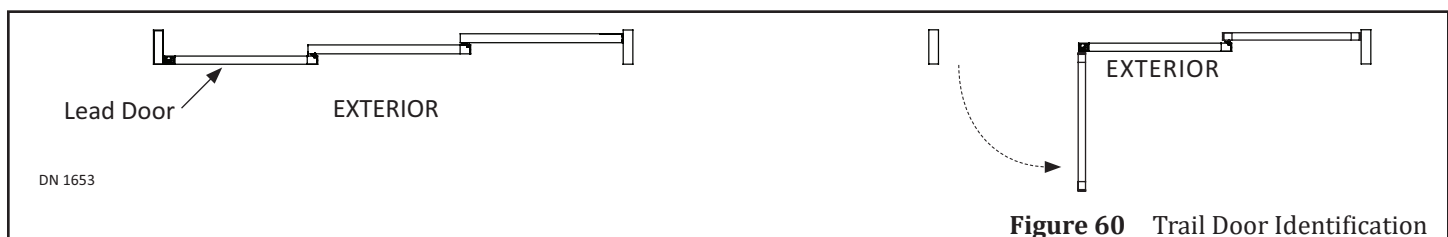
12. Please refer to "CHAPTER 20: Adjustments" to adjust the Trail Door.

13. Proceed to install the Lead Door.

## CHAPTER 16: INSTALL THE FIXED SIDELITE LEAD DOOR

### CAUTION

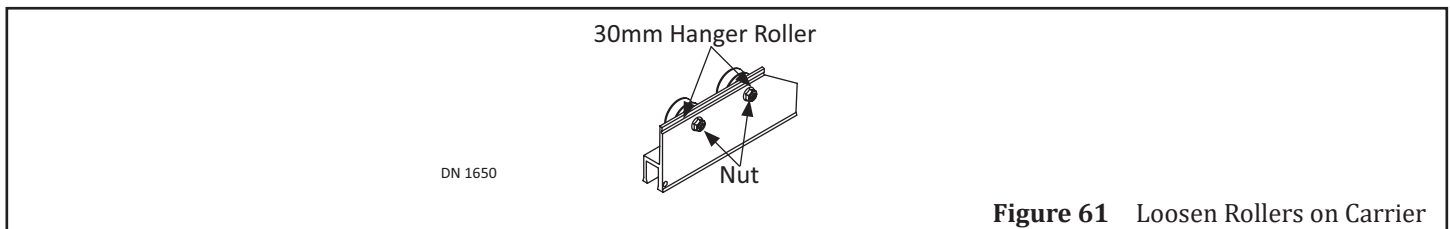
Do not test Breakout until all adjustments are made and doors are secured.



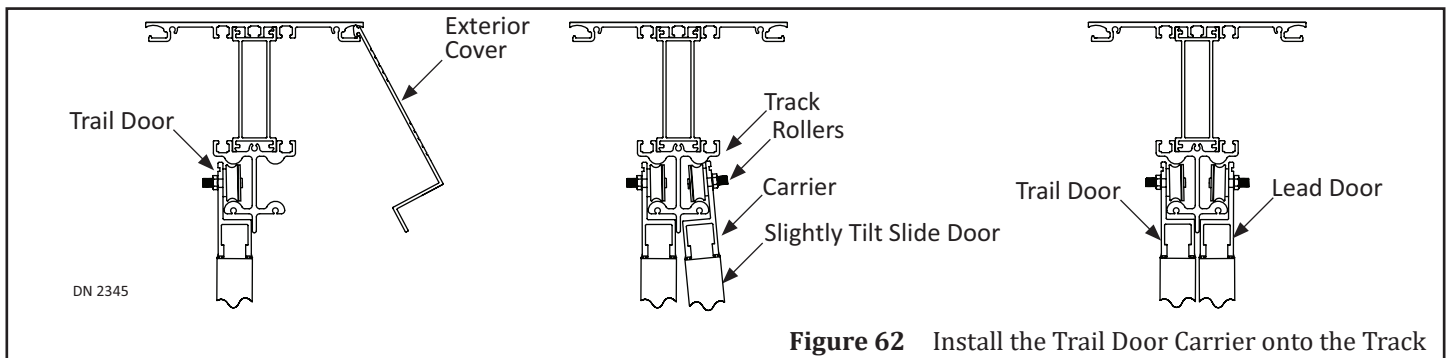
1. Open, and remove the Header Cover on the EXTERIOR side of Building.
2. Cover the Trail door with cardboard on the side that will face the Lead door.
3. Go to the Carrier on top of the Lead Door.
4. Loosen (1) 5/16-18 Whiz Lock Nut on each Roller by inserting (1) 5/32" Allen wrench into the exposed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

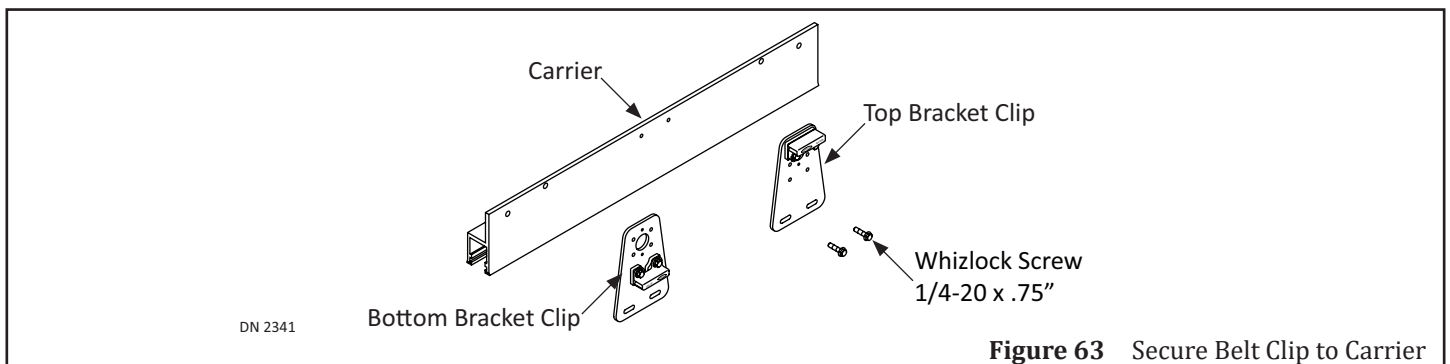
**Do not rotate the Roller Axle counter-clockwise. Doing so will unthread the Axle from the Roller Assembly.**

**Figure 61** Loosen Rollers on Carrier

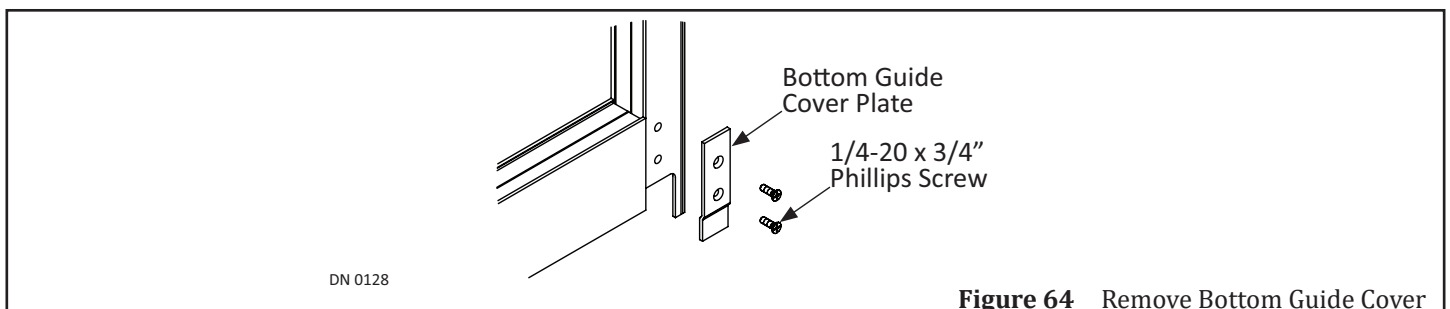
5. To make it easier for rollers to “catch onto the track”, slightly tilt and lift the Trail Door into the Header, and onto the Track.

**Figure 62** Install the Trail Door Carrier onto the Track

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

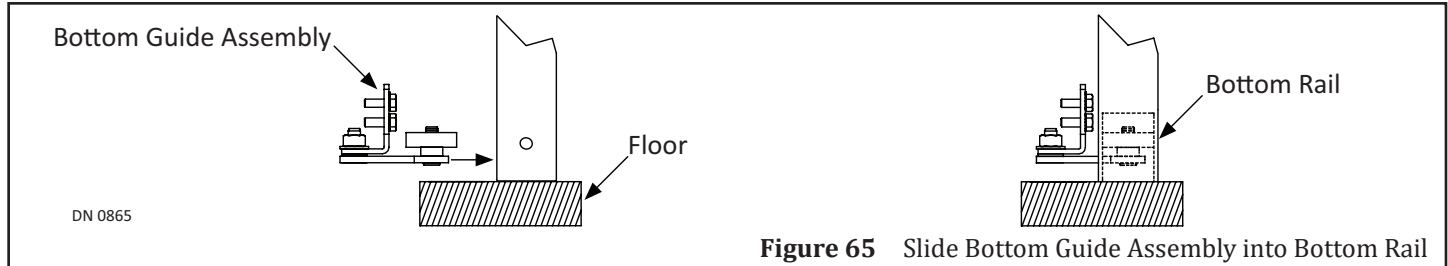
**Figure 63** Secure Belt Clip to Carrier

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

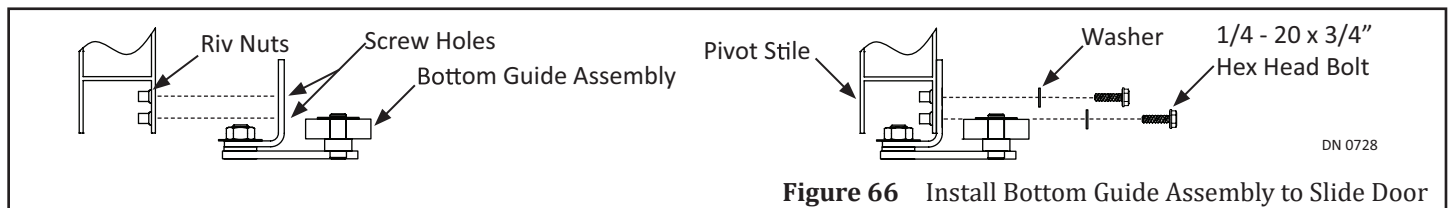
**Figure 64** Remove Bottom Guide Cover



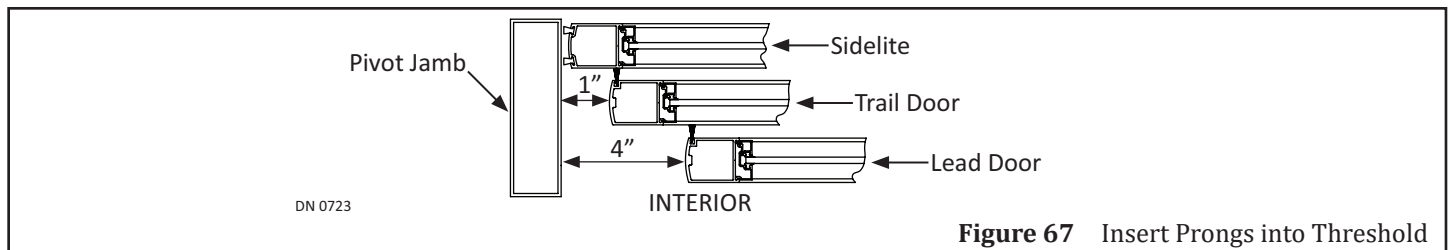
8. Obtain the Bottom Guide.
  - a. For Bi-Part Slide doors a Left Hand and a Right Hand Bottom Guide will be provided.
9. Install the Bottom Guide Assembly by sliding (2) rollers into the Bottom Rail of the Trail door so the Bracket sticks out from underneath (in direction of where the Lead door is to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

**Figure 65** Slide Bottom Guide Assembly into Bottom Rail

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 66** Install Bottom Guide Assembly to Slide Door

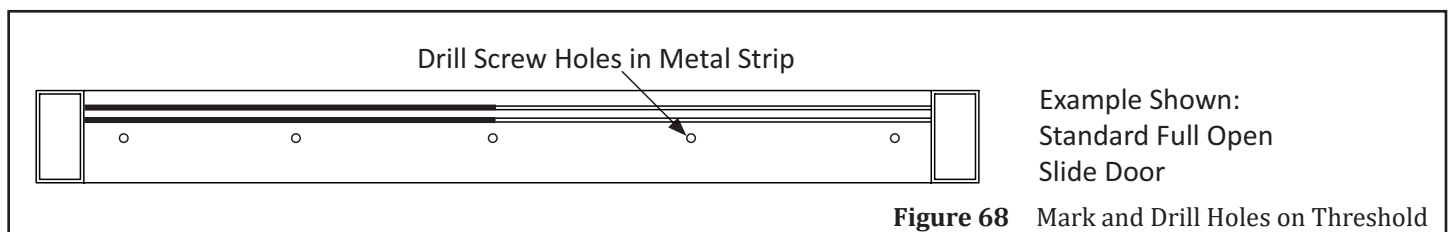
12. Please refer to "SECTION 19.2: Complete the Transom Installation" to adjust the Lead Door.
13. Adjust the Door Stop so the Fully Open position for the Lead Door stops 4 inches away from the Pivot Jamb.

**Figure 67** Insert Prongs into Threshold

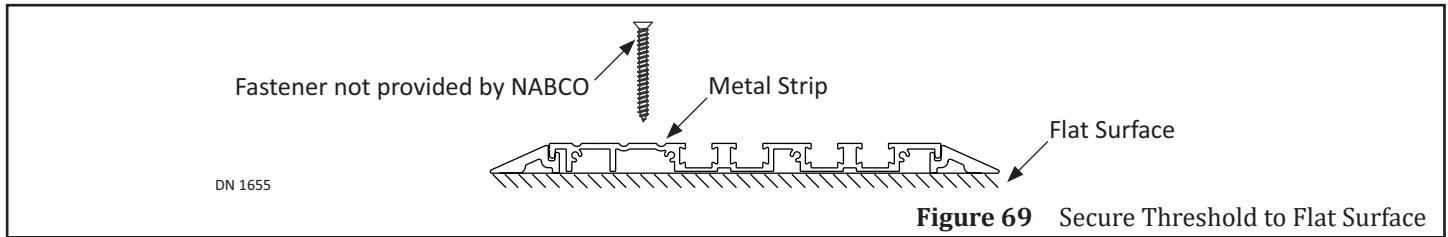
14. Replace and secure both Header Covers.

## CHAPTER 17: PERMANENTLY INSTALL THE THRESHOLD

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.

**Figure 68** Mark and Drill Holes on Threshold

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 17.1: Threshold Maintenance

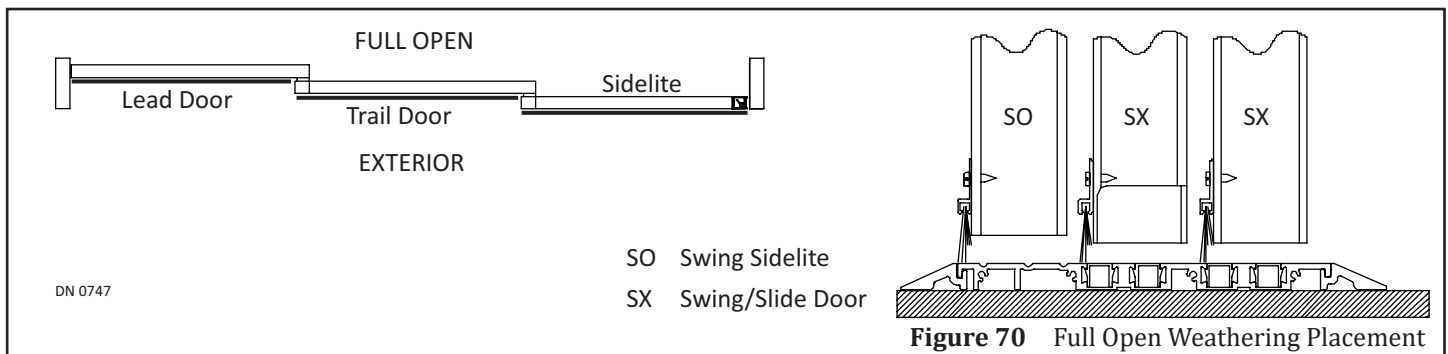
1. Check for wear of Bottom Guide Roller and Bumpers inserted within Threshold Channels.
2. Listen for squeaking/grinding noise.
3. Look for dirt/debris/excessive build-up. If dirt/debris/excessive build-up is found.
  1. Vacuum to remove loose material.
  2. Wipe off the Threshold.
  3. Use (1) slotted 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 18: INSTALL WEATHERING

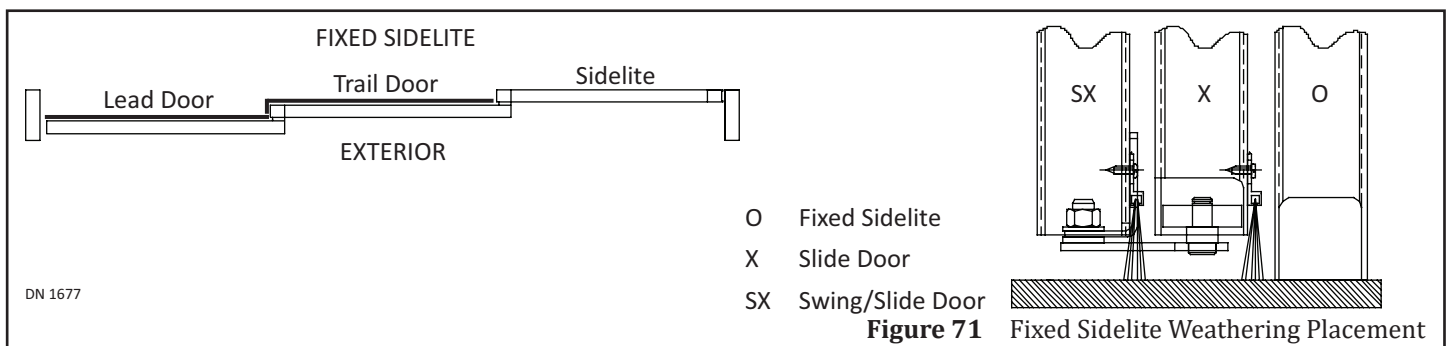
### SECTION 18.1: Door Panels

#### 18.1.1 Full Open Units

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.



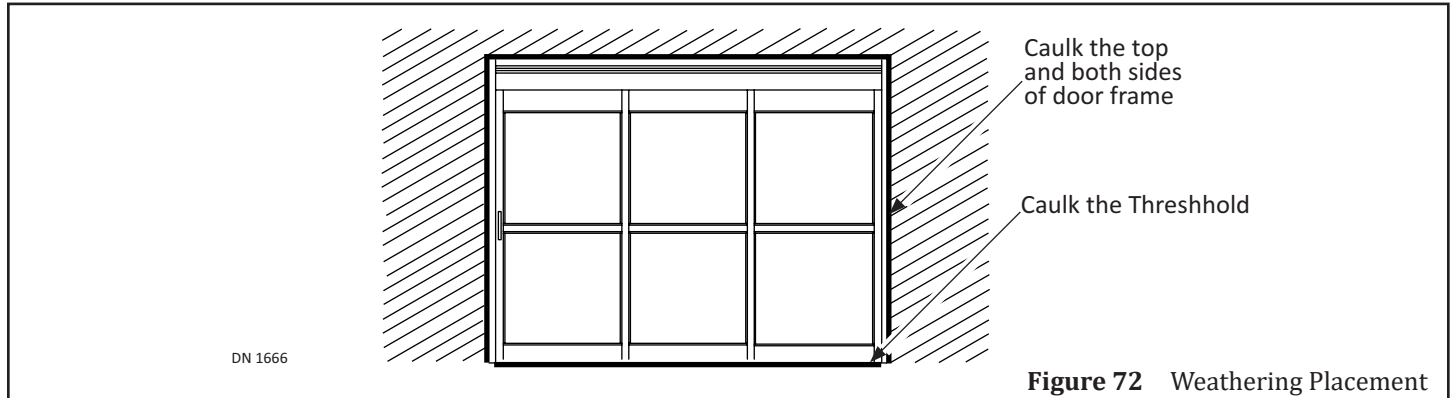
### SECTION 18.2: Fixed Sidelite Units



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 18.3: 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).

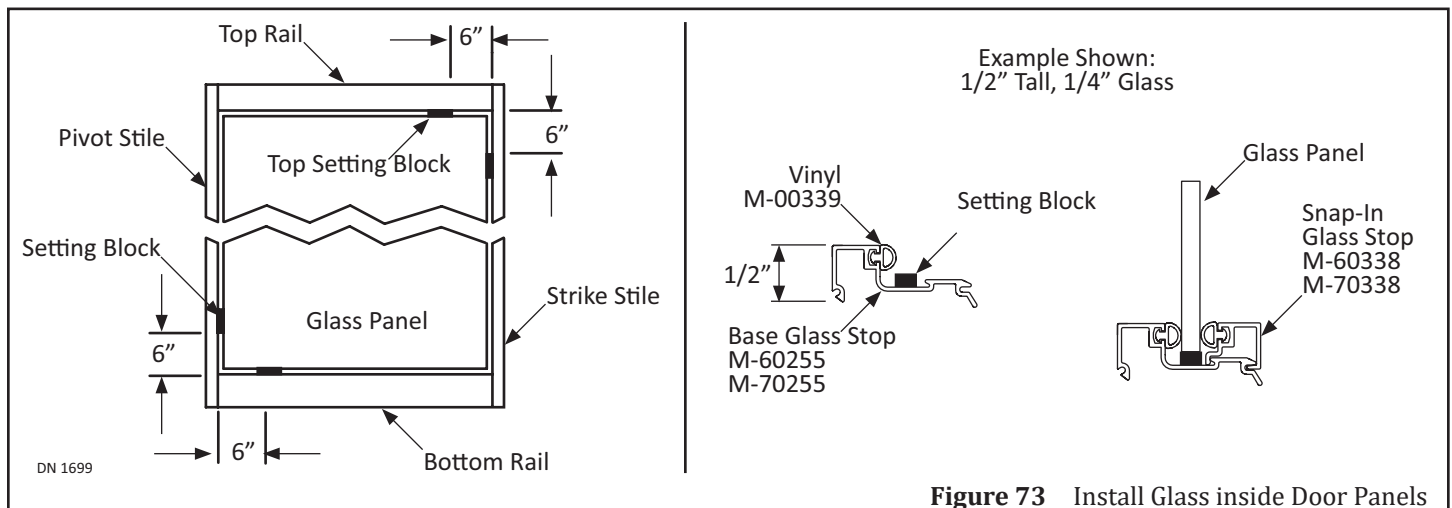
## CHAPTER 19: GLAZING

### 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 19.1: Door Panel



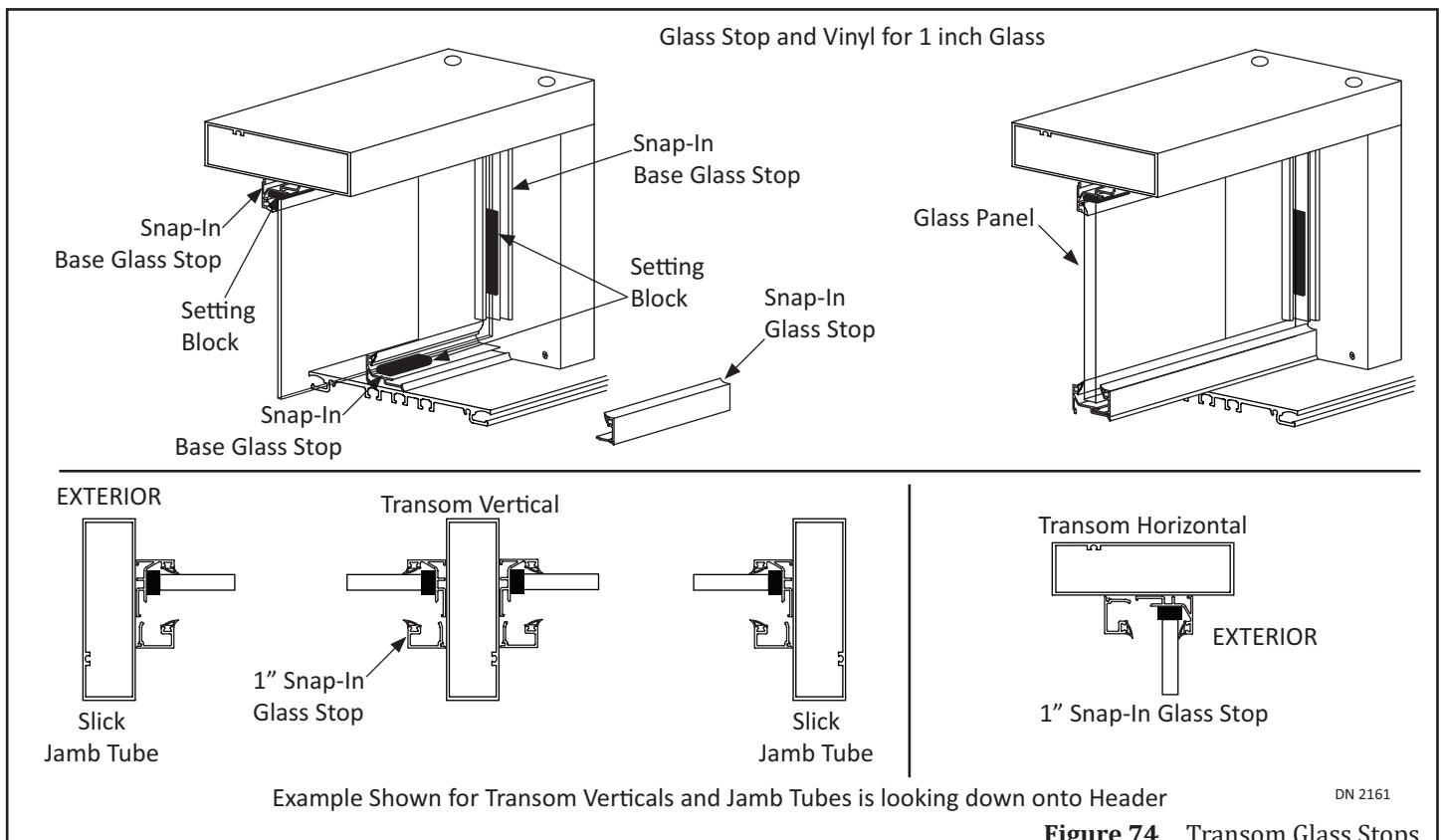
*Note: Only place Setting Blocks in the designated marked spots.*

1. Ensure the Glass Stop (Pre-installed at the NABCO Factory) is free of debris and/or sharp objects.
2. Install the Setting Blocks (not provided by NABCO).
  1. Go to the STRIKE side of door panel at the TOP.
    1. Measure (6) inches from the Bottom edge of Top Rail, towards the Pivot side of Door Panel. Mark that spot.
    2. Measure (6) inches from the Top Corner of the Strike Edge down to the bottom of the Door Panel. Mark that spot.

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

## SECTION 19.2: Complete the Transom Installation

1. Place (1) Setting Block (not provided by NABCO) on top of the Base Glass Stops.
2. Place the Glass Panel on top of the Setting Blocks; against the Vinyl. Shift the Glass Panel until it is square.
3. Secure the Glass Panel with Snap-In Glass Stops (Provided by Nabco).



**Figure 74** Transom Glass Stops

## SECTION 19.3: Complete the 1/4" Glass Stop Flush Glazing

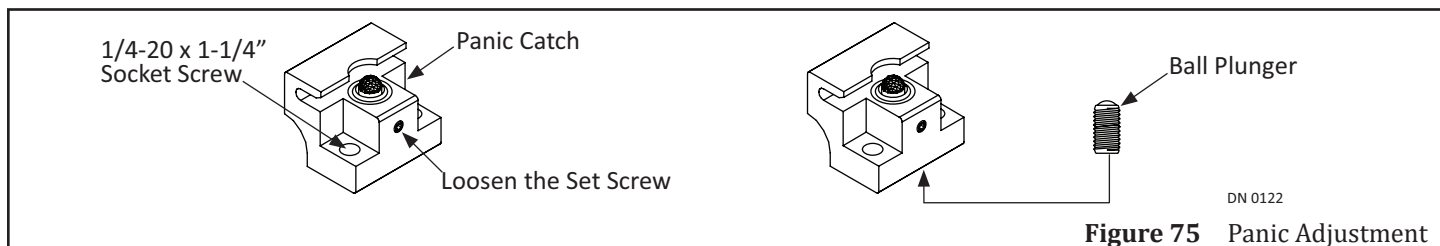
1. Place the Glass Panel so it butts up against the Vinyl.
2. Carefully move the Glass Panel UP into the pocket of the Transom Horizontal.
3. Shift the Glass Panel in and out of the pockets until it is square.
  - a. Pockets within the Transoms are deep enough to allow the Glass Panel to be shifted for 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 20: ADJUSTMENTS

### SECTION 20.1: 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.

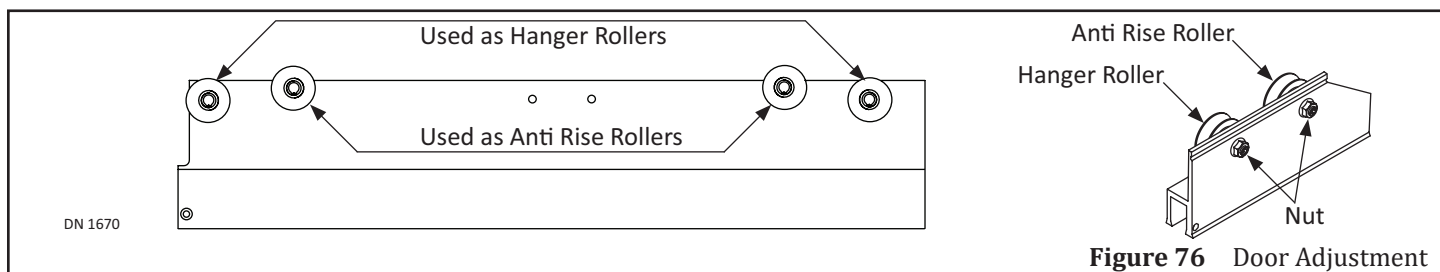


## SECTION 20.2: Adjust Door Height

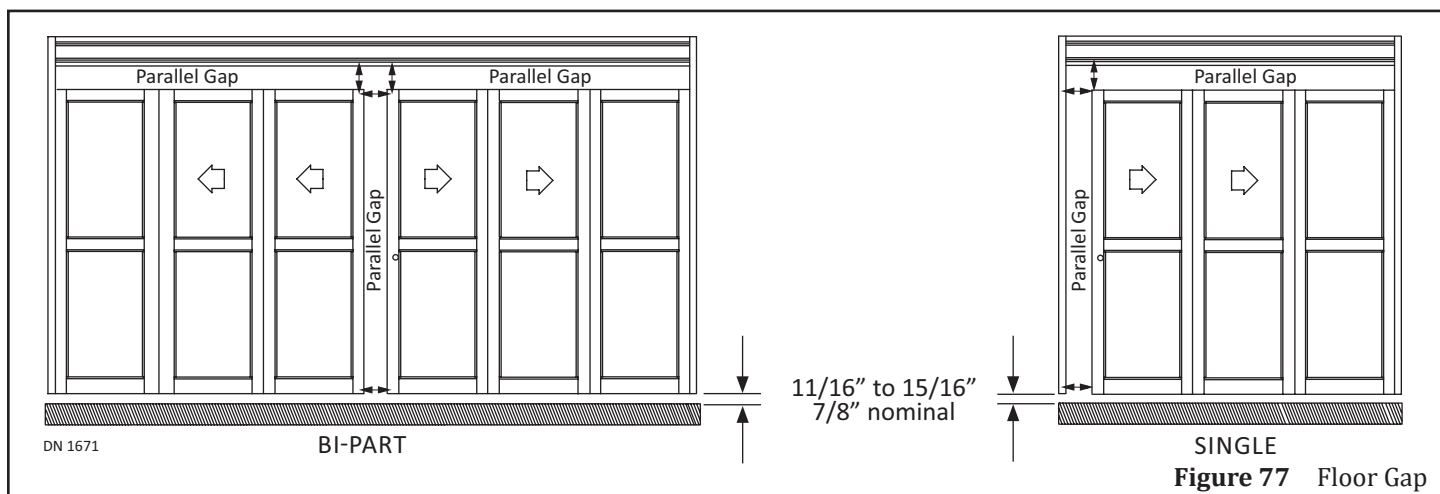
1. Raise or lower the Slide door by turning the Axle located on (2) Anti-Rise Rollers **clockwise** with a 1/2" Open End Wrench. The appropriate gap between Bottom Rail and floor is (11/16 inch to 15/16 inch) with the nominal gap being 7/8 inch. The Gap should be about the same thickness as a credit card.

### CAUTION

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

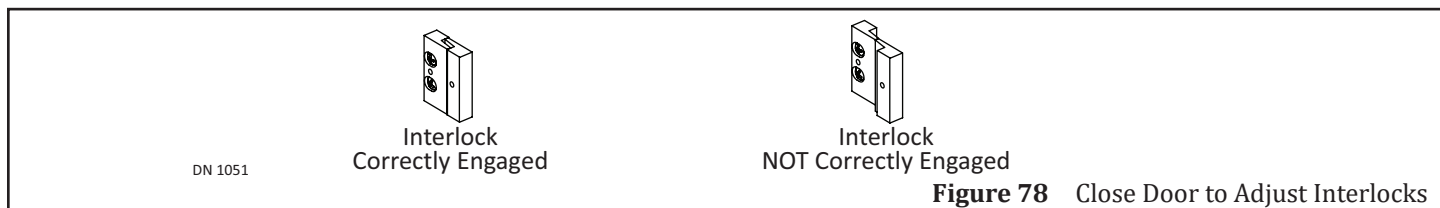


2. Ensure the Leading Edge between (Slide doors/Jamb Tubes), and (Doors/Header), are parallel. Tighten the 5/16-18 Lock nuts.



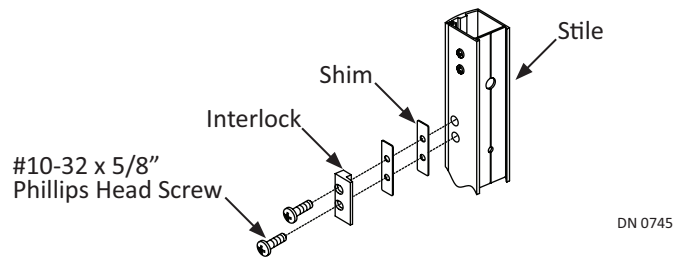
## SECTION 20.3: Adjust the Interlocks

1. Manually close the Slide Door. Ensure the Interlocks are properly engaged. If not, adjust the Interlocks.



*Note: Adjust Interlocks so there is no contact between the Rail and the Interlock. Any contact will cause the Slide Door to bind.*

2. Obtain (1) parts bag containing (4) Shims that was taped to the Slide Door at the NABCO factory.
3. Remove the Interlock on the Sidelite, Strike Stile.
4. Place (1+) shims directly underneath the Interlock. Line up the screw holes.
5. Secure the Interlock assembly to the Sidelite Strike Stile with (2) #10-32 x 5/8 inch Phillips Head Screws.
  - a. Loosely tighten the mounting screws just enough to keep the Interlock assembly from falling out of place.



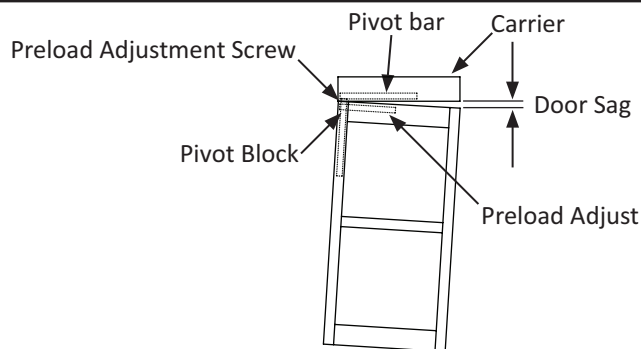
**Figure 79** Place (1+) Shim under Interlock

6. Go to the Interlock located on the Pivot Stile of the Slide Door. Loosen the mounting screws.
7. Manually close the Slide Door. The loosened Interlocks will automatically adjust to proper position.
8. Lock the Interlock and 1+ Shim in place by tightening the #10-32 x 5/8 inch Phillips Head Screws.

## SECTION 20.4: Adjust Preload

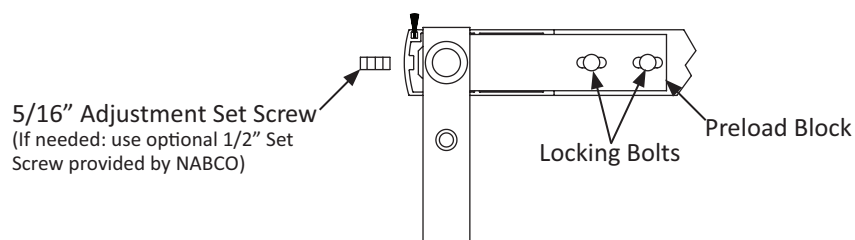
**Attention: Glass must be installed before adjusting Preload.**

1. Support the weight of Slide Door, then Breakout Slide door approximately 25 degrees (just enough to expose the Preload Adjustment Screw located on back edge of door).
2. Check for door sag. The Slide door should latch without having to be manually lifted.



**Figure 80** Check Door Sag

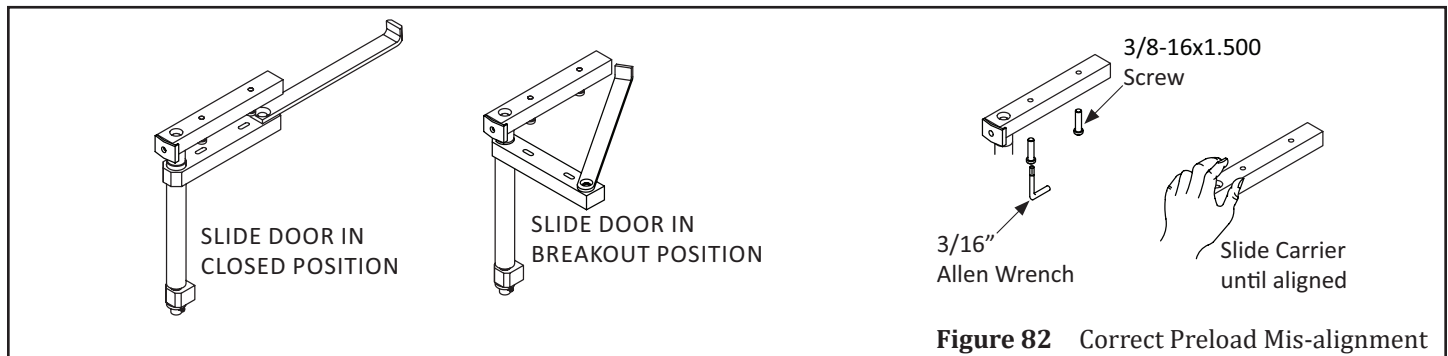
3. Go to the Preload Block located inside Top Rail. Loosen (2) Locking Bolts.
4. Go to the back edge of Pivot Stile. Reduce Door sag by tightening the 5/8 inch Set Screw with an 7/32 inch Allen Wrench. Do Not allow the Adjustment Set Screw to protrude more than 7/32 inch past the end of stile.
  - a. When necessary, substitute the 5/8 inch Set Screw with the optional 1/2 inch Set Screw supplied by NABCO.



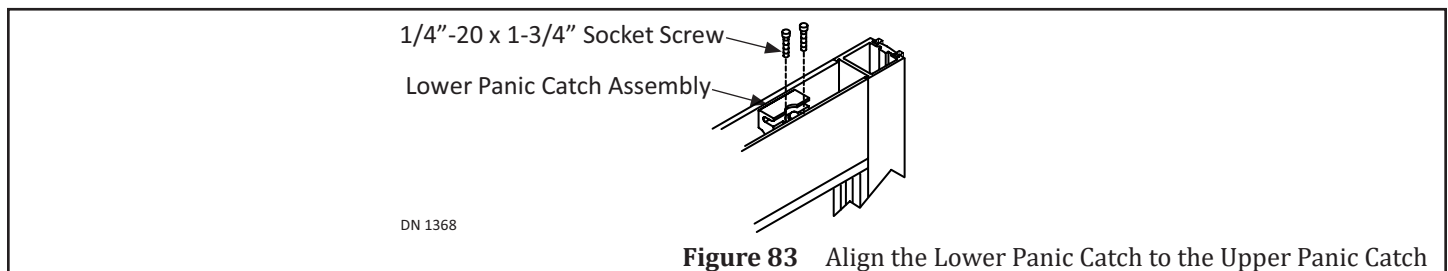
**Figure 81** Adjust the Preload

## SECTION 20.5: Correct Preload Mis-alignment

1. Break Open the Slide Door. Locate the Carrier Pivot Assembly inside the Top Door Web.
2. Loosen the 5/16-24 x 1/2 Set Screw located on the Pivot Stile at the Top.
3. Loosen (2) 1/4-20 x 1.75 Hex Screws used to secure the Carrier Pivot Assembly to the Top Door Web.
4. Slide the Carrier Bar to the left or right, until the Slide Door is aligned to the Carrier. Tighten all screws.

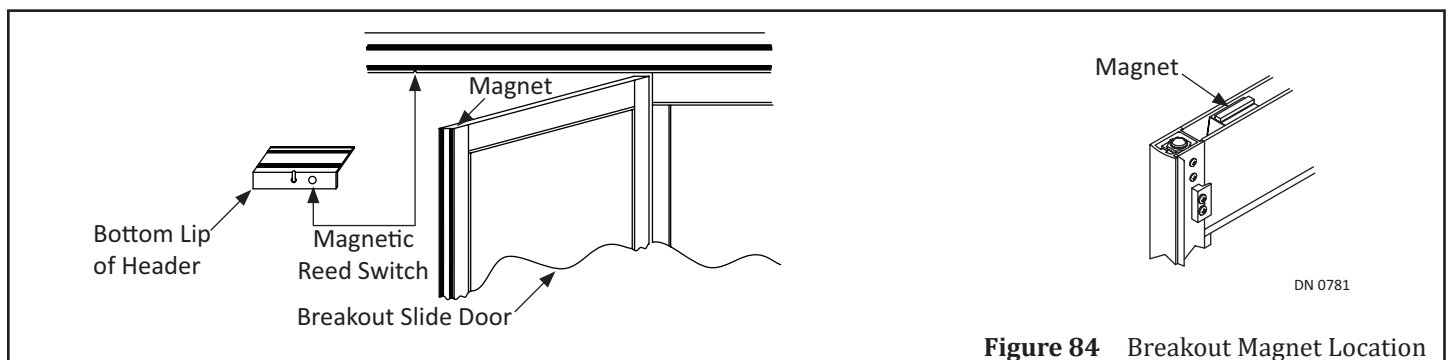


5. Verify that the Lower Panic Catch inside the Door Web is still aligned to the Upper Panic Catch inside the Carrier. If an adjustment is necessary:
  1. Go to the Lower Panic Catch. Loosen (2) 1/4-20 X 1-1/4 inch Socket Screws used to to secure the Lower Panic Catch to the Door Web.
  2. Slide the Lower Panic Catch to the right or to the left until it is aligned to the Upper Panic Catch. Tighten Socket Screws.



## SECTION 20.6: Adjust the Breakout Magnet

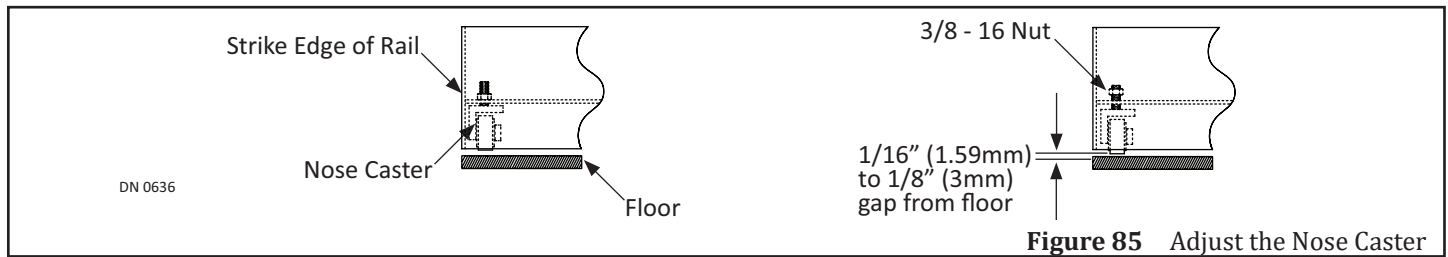
1. The Magnet is secured to the Limit Arm Bracket that can slide to the Left and Right. Slide the Breakout Magnet to the Left or to the Right until it is aligned with the Magnetic Reed Switch.
  - a. The Magnetic Reed Switch is a 3/8 inch diameter black circle located on the Bottom Lip of Header.



## SECTION 20.7: Adjust the Nose Castor

*Note: For Units 54 Inches Wide (or greater) and/or over 200 Pounds.*

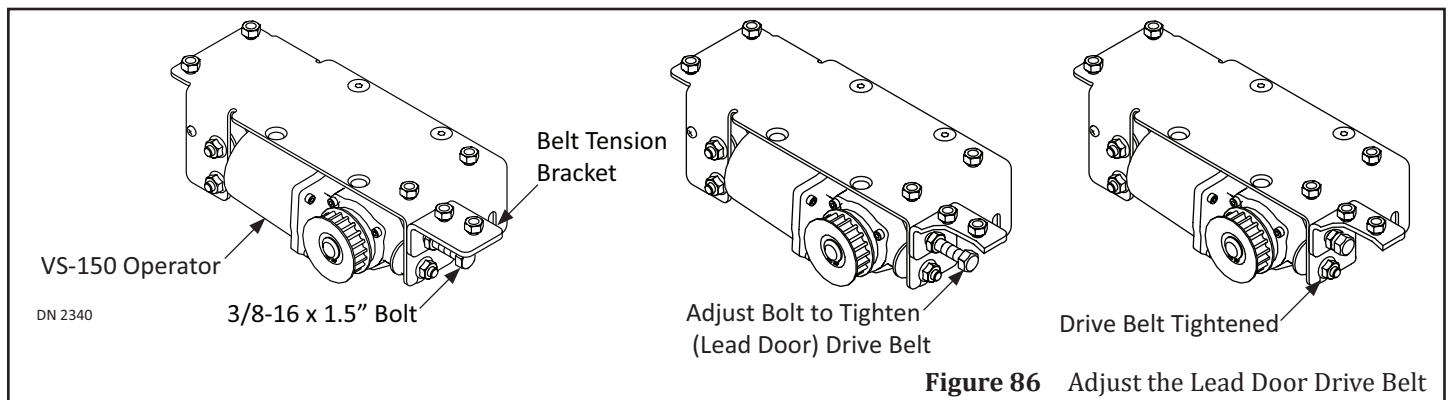
1. Go to the Bottom Rail. Remove (1) End Cap.
2. Break Open the Slide door. Locate the Nose Castor that was pre-installed within the Strike Stile.



3. Loosen the #8-32 Set Screw. Position the Wheel so it is perpendicular to the Bottom Rail. Retighten the #8-32 Set Screw.
4. Fully close the Slide door. Ensure the Nose Caster does not hit or scrape the floor. Reinstall the End Cap.

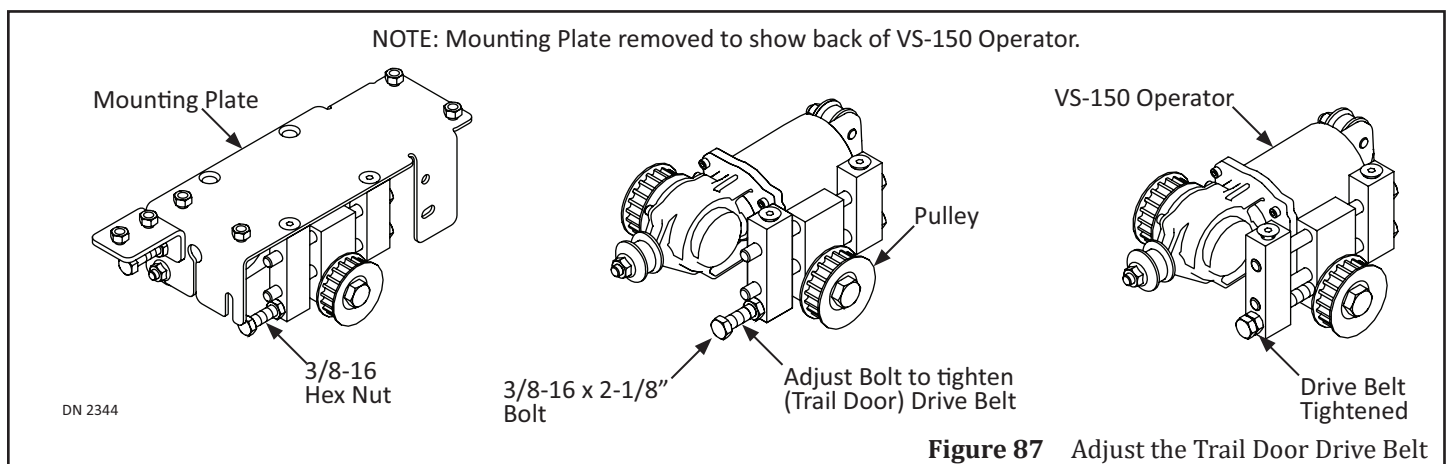
### 20.7.1 Tighten the Drive Belt (Lead Door)

1. Go to the Belt Tension Bracket Assembly located at the front of the DS-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.



### 20.7.2 Tighten the Drive Belt (Trail Door)

1. Go to the backside of the DS-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.



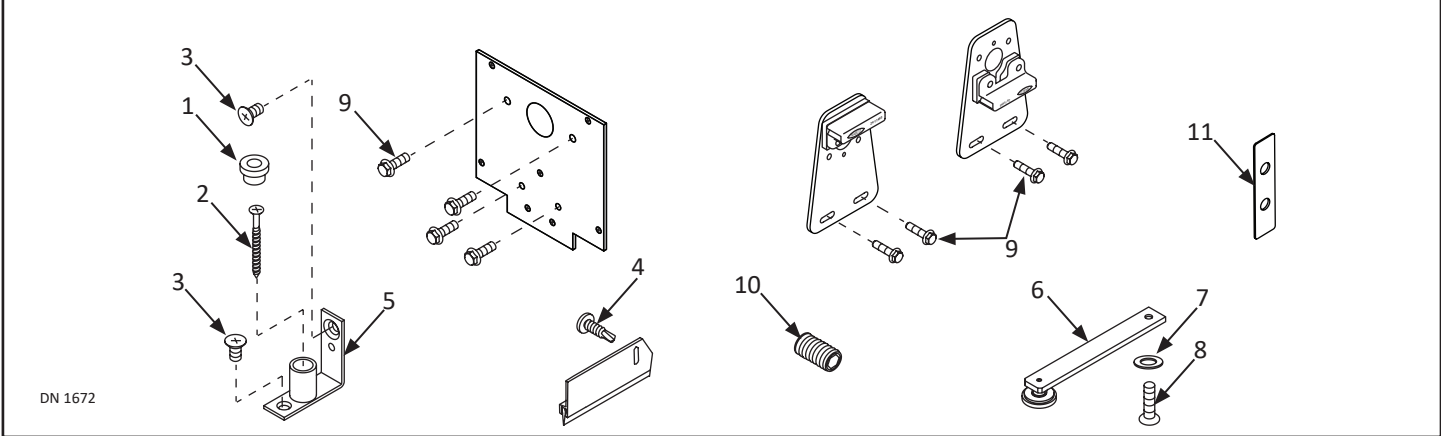


## CHAPTER 21: SLIDE DOOR SAFETY CHECK

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.
11. 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: NON HANDED KIT P/N A-00408

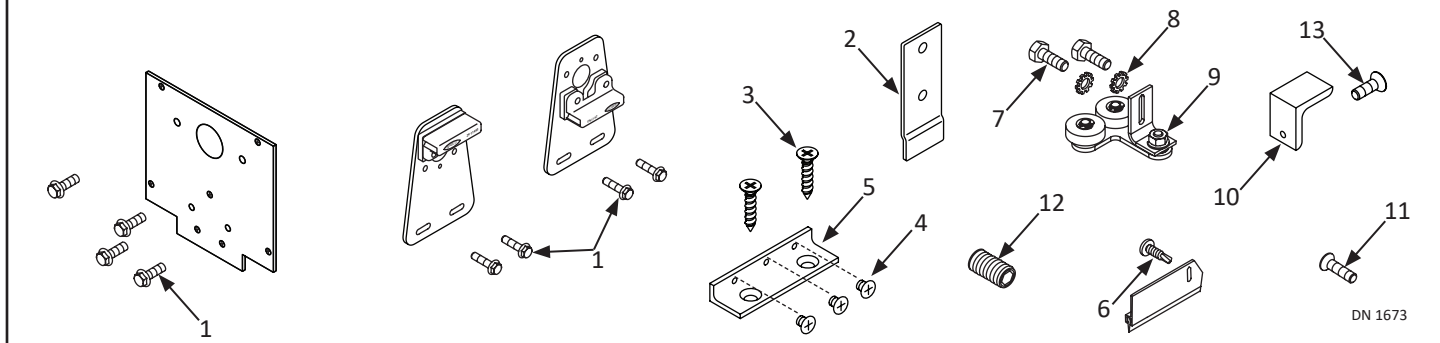
Full Open Slide Doors (Order (2) Kits for Bi-Part Doors)



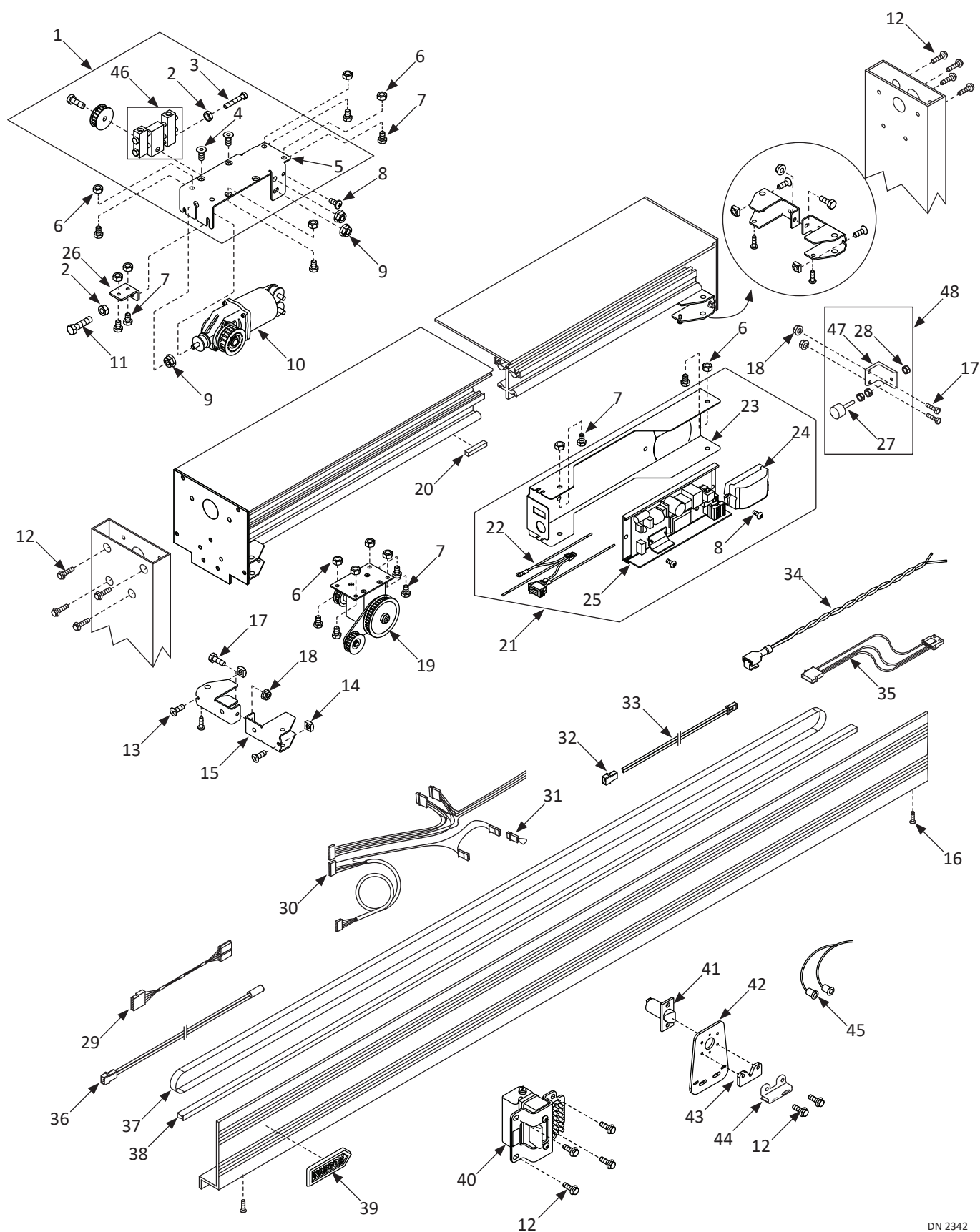
FULL OPEN SIDELITE PARTS KIT: P/N A-00408						
Item	Part	Note	Description	QTY	Used To	
1	M-00606		BUSHING, BOTTOM PIVOT, SWING PANEL	1	Protect inside of Barrel from dust/dirt	
2	T-00008		FHSMS,1/4x2.750L.,PHIL,TAPCON,BLUE	1	Secure Bottom Pivot (M-00611) to floor	
3	T-00007		FHMS,1/4-20x0.500L.,PHIL,UNDR CUT,F-PT,ZN	1	Secure Bottom Pivot (M-00611) to floor.	
4	T-00222	Zinc	PHSMS,6x0.500L.,PHIL,TEKS,ZINC	1	Secure Bottom Pivot (M-00611) to Pivot Jamb Tube.	
	T-00260	Black Zinc	PHSMS,6x0.500L. PHIL,TEKS BLK ZN	12	Secure Brush Holder to Door Panels.	
5	M-00611		FLOOR PIVOT BRACKET	1	Allow Sidelite to swing Open and Closed	
6	A-00060	Narrow	LIMIT ARM,SWING PANEL,ASM.NRW.STILE	1	Allow Sidelite to swing Open and Closed	
	A-00406	Medium	LIMIT ARM, SWING PANEL, MED STILE	1		
7	T-00069		WASHER,.255 ID,.900 OD,.125 THK,NYLON	1	Keep Screw from digging into face of Limit Arm	
8	T-00083		FHMS,1/4-20x1.000L.,PHIL,UCUT,VIBRATITE	1	Secure Limit Arm to bottom of Header	
9	T-00010		HHCS,1/4-20x0.750L.,WHIZLOCK,ZINC	4	Secure Belt Bracket to Carrier on top of Slide Door	
				8	Secure Header to Jamb Tubes	
10	T-00261		SHSS,5/16-24x0.500L.,CUP PT.	1	Correctly engage Interlocks	
11	M-00494		SHIM, INTERLOCK	4	Adjust PreLoad (top of Strike Stile on Slide Door)	

**SERVICE PARTS: LH KIT P/N A-00619; RH KIT P/N A-00618**

Fixed Sidelite Slide Doors (Order (2) Kits for Bi-Part Doors)

**FIXED SIDELITE PARTS KIT: LH P/N A-00619 AND RH P/N KIT: A-00618**

Item	Part	Note	Description	QTY	Used To
1	T-00010		HHCS,1/4-20x0.750L.,WHIZLOCK,ZINC	4	Secure Belt Bracket to Carrier
				8	Secure Header to Jamb Tubes
2	M-00709		COVER, PLATE, BOTTOM GUIDE, FS	1	Cover Bottom Guide Cut Out
3	T-00062	Zinc	FHSMS,1/4x1.250L.,PHIL,TAPCON,BLUE	2	Secure Floor Bracket (M-01368) to Floor
4	T-00043	Zinc	FHMS,10-24x0.375L.,PHIL,UNDERCUT,ZINC	3	Secure Floor Bracket (M-01368) to Strike Stile
	T-00045	Blk Zinc	FHMS,10-24x0.375L.,PHIL,UNDERCUT,BLK ZN		
5	M-02086		BRACKET,ANCHOR,LOWER,FS,TELESCOPIC	1	Secure Fixed Sidelite to Floor
6	T-00222	Zinc	PHSMS,6x0.500L.,PHIL,TEKS,ZINC	8	Secure Brush Holder to Door Panel(s)
	T-00260	Blk Zinc	PHSMS,6x0.500L. PHIL,TEKS BLK ZN		
7	T-00064		HHCS,1/4-20x0.750L.,ZINC	4	Secure Bottom Guide to Slide Door, Pivot Stile
8	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC	4	Keep Screw (T-00064) in place
9	A-00181	RH	BTM GUIDE DOUBLE ROLLER ASM, RH	2	Allow Slide Door to Open/Close.
	A-00183	LH	BTM GUIDE DOUBLE ROLLER ASM, LH		
10	M-01472		BRACKET:COVER:FS TELESCOPIC	1	Secure Fixed Sidelite to Header Cover
11	T-00496	Zinc	PHMS,10-24X0.625L.,PHIL,SWAGEFORM,ZINC	1	Secure Header Cover to Header Bracket (M-02059)
	T-00497	Blk Zinc	PHMS,10-24X0.625L.,PHIL,SWAGEFORM,BLK ZN		
12	T-00261		SHSS,5/16-24x0.500L.,CUP PT.	2	Adjust PreLoad on Slide Door (Top of Strike Stile)
13	T-00015	Zinc	FHMS,1/4-20x0.750L.,PHIL,ZINC	3	Secure Cover Bracket to FX Sidelite Strike Stile
	T-00017	Blk Zinc	FHMS,1/4-20x0.750L.,PHIL,BLK ZN		

**SERVICE PARTS: HEADER**

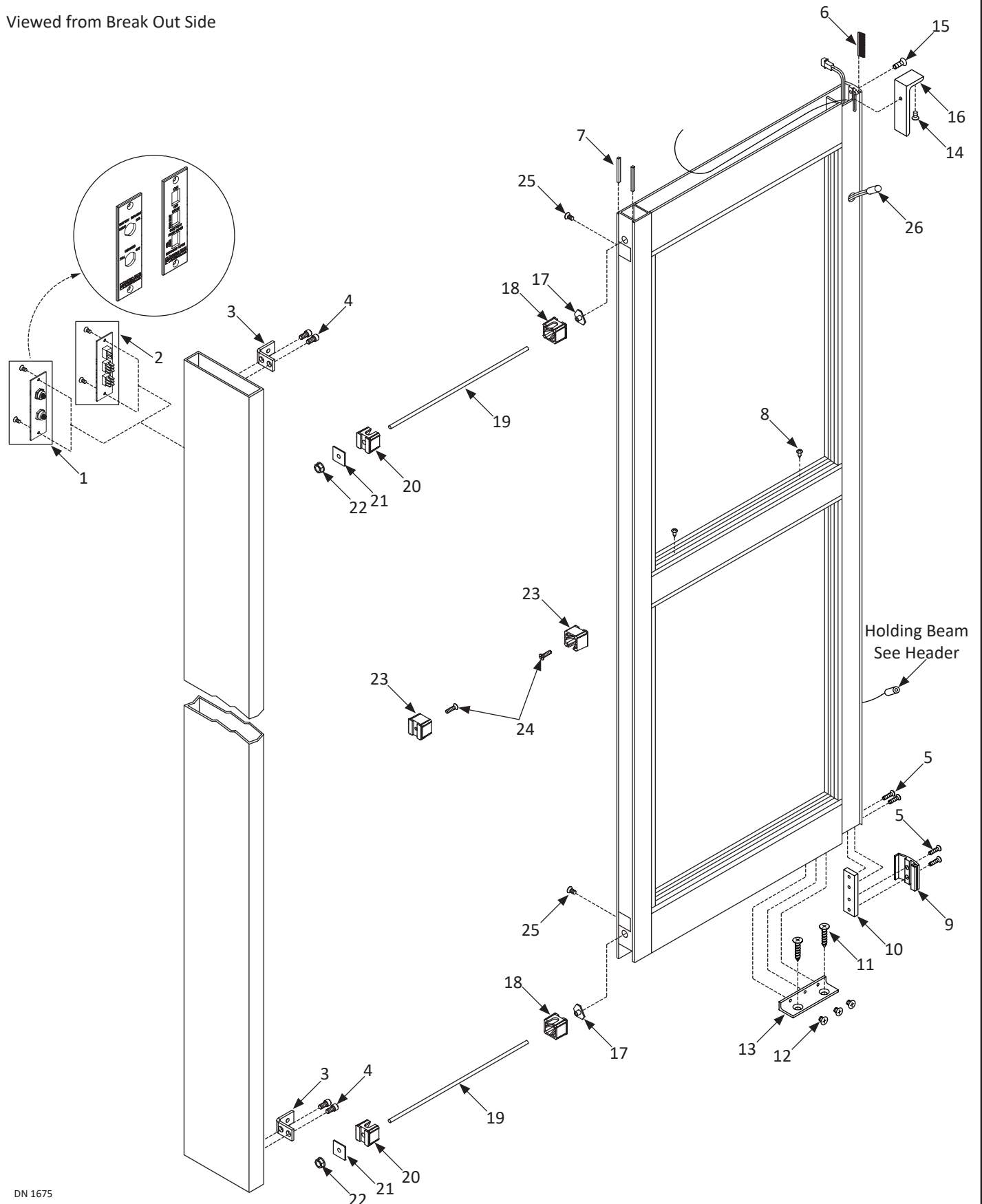
DN 2342

HEADER			
Item	Part	Finish/Sizes/Notes	Description
1	A-01422		ASM,VS-150 BRACKET,TELESCOPIC
2	T-00067		NUT,HEX,JAM,3/8-16,ZINC
3	T-00163		HHCS,3/8-16x2.250L.,FULL THREAD,ZINC
4	T-00334		FHMS:5/16-18x0.750L.:SOKT:ZN
5	M-02049		BRACKET,MOUNTING,VS-150,TELESCOPIC
6	T-00144		NUT,HEX,5/16-18,ZINC
7	T-00510		HHCS,5/16-18x0.500L.,GRADE 2,ZINC
8	T-00420		PHMS,8-32x0.375L.,PHIL,SWAGEFORM,ZINC
9	T-00495		NUT,WHIZLOCK,M8-1.25,ZINC
10	V-00914		OPERATOR,VS-150
11	T-00161		HHCS,3/8-16x1.500L.,FULL THREAD,ZINC
12	T-00010	In Part Bag A-00408, A-00618 & A-00619	HHCS,1/4-20x0.750L.,WHIZLOCK,ZINC
13	T-00015		FHMS,1/4-20x0.750L.,PHIL,ZINC
14	T-00058		NUT,SQ.,1/4-20,ZINC
15	M-02059		BRACKET,HEADER COVER,TELESCOPIC
16	T-00496	Zinc	PHMS,10-24X0.625L.,PHIL,SWAGEFORM,ZINC
	T-00497	Black Zinc	PHMS,10-24X0.625L.,PHIL,SWAGEFORM,BLK ZN
17	T-00064		HHCS,1/4-20x0.750L.,ZINC
18	T-00056		NUT,WHIZLOCK,1/4-20,ZINC
19	A-01421		ASM,2:1 REDUCER,TELESCOPIC
20	M-00281		FOAM WEATHERSTRIPPING ADHESIVE BACKED
21	A-01420		ASM,OPUS CONTROLLER,1175,TELE
22	M-02042		HARNESS,POWER,1175,OPUS
23	M-02048		BRACKET,OPUS,TELESCOPIC
24	A-00129		AMPLIFIER, PHOTOEYE, OPTEX ASSY
25	M-01546		CONTROLLER,OPUS
26	M-00942		BRKT, BELT TENSIONING
27	M-00530		BUMPER, RUBBER, 1/4"-20 THREAD
28	T-00002		NUT,HEX,1/4-20,ZINC
29	A-00967	36 inches	HARNESS;EXTENSION;ROCKER SWITCH;36IN.
	A-00968	72 inches	HARNESS;EXTENSION;ROCKER SWITCH;72IN.
	A-00969	180 inches	HARNESS;EXTENSION;ROCKER SWITCH;180IN.
30	M-02046		HARNESS,MAIN,1175,OPUS,TELESCOPIC
31	A-00385		BREAKOUT JUMPER
32	V-00034		HOUSING,2 POS,FOR MATE-N-LOCK PINS
33	M-01070	15 inches	HARNESS,POWER DOWN,FS 1175
	M-01136	40 inches	HARNESS,BREAK OUT SWITCH,35IN EXTENSION
	M-01073	90 inches	HARNESS,BREAK OUT SWITCH,90IN EXTENTION
34	M-02044		KIT,HARNESS,ELECTRIC LOCK,1175,OPUS-2pcs
35	M-01168	24 inches	HARNESS,ACUSENSOR EXT,24 INT
	M-02064	38 inches	HARNESS,EXTENSION,1175 SENSOR,38"
	M-01156	48 inches	ACCUSENSOR EXT HARNESS 48" INT.

HEADER			
Item	Part	Finish/Sizes/Notes	Description
36	A-00758		SWITCHBREAKOUT
37	V-00917		BELT,TIMING,S8M X 12mm WIDE
38	M-00688		PILE WEATHERING .45 TALL W/ ADHESIVE
39	C-00067		NAMEPLATE, ADHESIVE BACKED
40	A-00293	Fail Secure	ELECTRIC STRIKE, TELE FAIL SECURE ASM
	A-00294	Fail Safe	ELECTRIC STRIKE,TELE FAIL SAFE, ASM
41	A-00264		LATCHBOLT, HEAVY DUTY, MODIFIED
42	M-02037		BRACKET,BELT CLIP,VS-150,TELESCOPIC
43	M-02039		SPACER,BELT CLIP,VS-150
44	V-00916		CLIP,BELT,"S8M" PROFILE
45	V-00073	Extension Cable	HOLDING BEAM,PHOTO ELECTRIC,W/ EXT CABLE
46	M-02050		KIT,IDLER BLOCKS,TELESCOPIC (3 pcs)
47	M-00958		BRKT, STOP, TELE
48	A-00299		DOOR STOP,TELE ASM

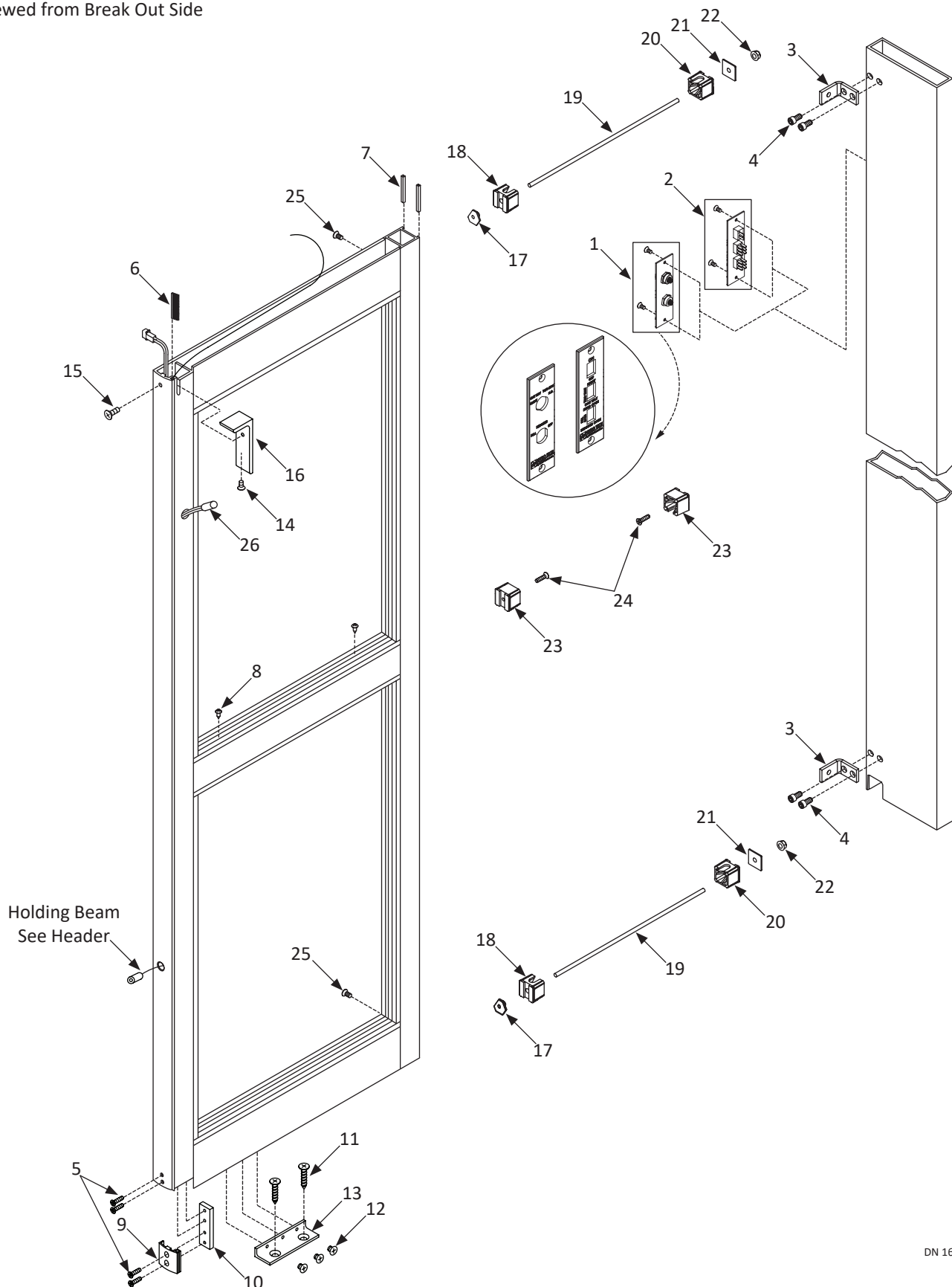
**SERVICE PARTS: LEFT HAND FIXED SIDELITE**

Viewed from Break Out Side



**SERVICE PARTS: RIGHT HAND FIXED SIDELITE**

Viewed from Break Out Side



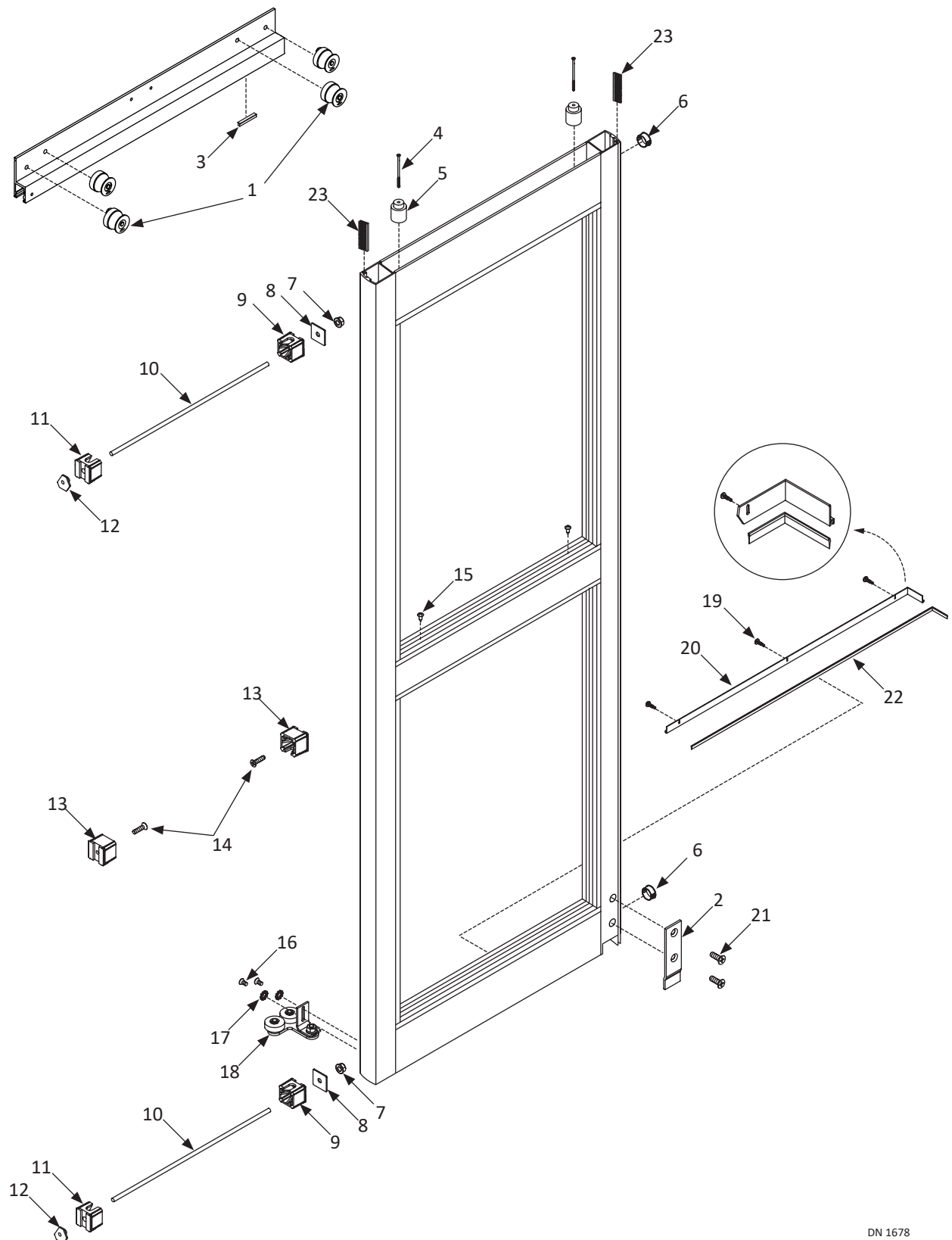
DN 1674



FIXED SIDELITE			
Item	Part	Finish/Sizes/Notes	Description
1	M-01144	NABCO	SWITCH, KEY - NABCO
	M-01145	Porta Service	SWITCH, KEY - PORTA SERVICE
2	M-00428	NABCO	SWITCH MODULE,3 ROCKER,NABCO
	M-00429	Porta Service	SWITCH MODULE,3 ROCKER,PORTA
3	M-00706		BRACKET,MOUNTING ,FIXED SIDELITE
4	T-00053		SHCS,1/4-20x0.500L.,ZINC
5	T-00176	Zinc	FHMS,10-32x0.500L.,PHIL,UCUT,23-PT,ZINC
	T-00183	Black Zinc	FHMS,10-32x0.500L.,PHIL,UCUT,23-PT,BLKZN
6	A-00951		BRUSH, NYLON, .56 LX1.875L.
7	M-00281	Include Length needed when ordering	FOAM WEATHERSTRIPPING ADHESIVE BACKED
8	T-00006		FHSMS,10x0.750L.,PHIL,ZINC
9	M-62078	Clear	COVER,FS ACCESS,TELESCOPIC,204
	M-72078	Black Zinc	COVER,FS ACCESS,TELESCOPIC,313
10	M-02079		NUT BAR,FS ACCESS COVER,TELESCOPIC
11	T-00062	In Part Bag A-00618 & A-00619	FHSMS,1/4x1.250L.,PHIL,TAPCON,BLUE
12	T-00043	Zinc/In Part Bag A-00618 & A-00619	FHMS,10-24x0.375L.,PHIL,UNDERCUT,ZINC
	T-00045	Black Zinc/In Part Bag A-00618 & A-00619	FHMS,10-24x0.375L.,PHIL,UNDERCUT,BLK ZN
13	M-02086	In Part Bag A-00618 & A-00619	BRACKET,ANCHOR,LOWER,FS,TELESCOPIC
14	T-00496	Zinc/In Part Bag A-00618 & A-00619	PHMS,10-24X0.625L.,PHIL,SWAGEFORM,ZINC
	T-00497	Black Zinc	PHMS,10-24X0.625L.,PHIL,SWAGEFORM,BLK ZN
15	T-00015	Zinc/In Part Bag A-00618 & A-00619	FHMS,1/4-20x0.750L.,PHIL,ZINC
	T-00017	Black Zinc/In Part Bag A-00618 & A-00619	FHMS,1/4-20x0.750L.,PHIL,BLK ZN
16	M-01472	In Part Bag A-00618 & A-00619	BRACKET:COVER:FS TELESCOPIC
17	M-00416		T-NUT, 3/8"-16, TIE ROD
18	M-00460		CLIP,MUNTIN,.500 HOLE
19	M-00272		3/8-16 THREADED ROD
20	M-00461		CLIP,MUNTIN,.386 HOLE
21	M-00422		PLATE,TIE ROD
22	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
23	M-00462		CLIP,MUNTIN,.261 HOLE
24	T-00061	Zinc	FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
25	T-00055	Zinc	FHMS,1/4-20x0.500L.,PHIL,ZINC
	T-00057	Black Zinc	FHMS,1/4-20x0.500L.,PHIL,BLK ZN
26	A-00387	White/Installed inside Strike Stile/See Header for Extension Harnesses	BREAK OUT SWITCH, WIDE GAP - F/S

**SERVICE PARTS: LEFT HAND TRAIL DOOR FIXED SIDELITE**

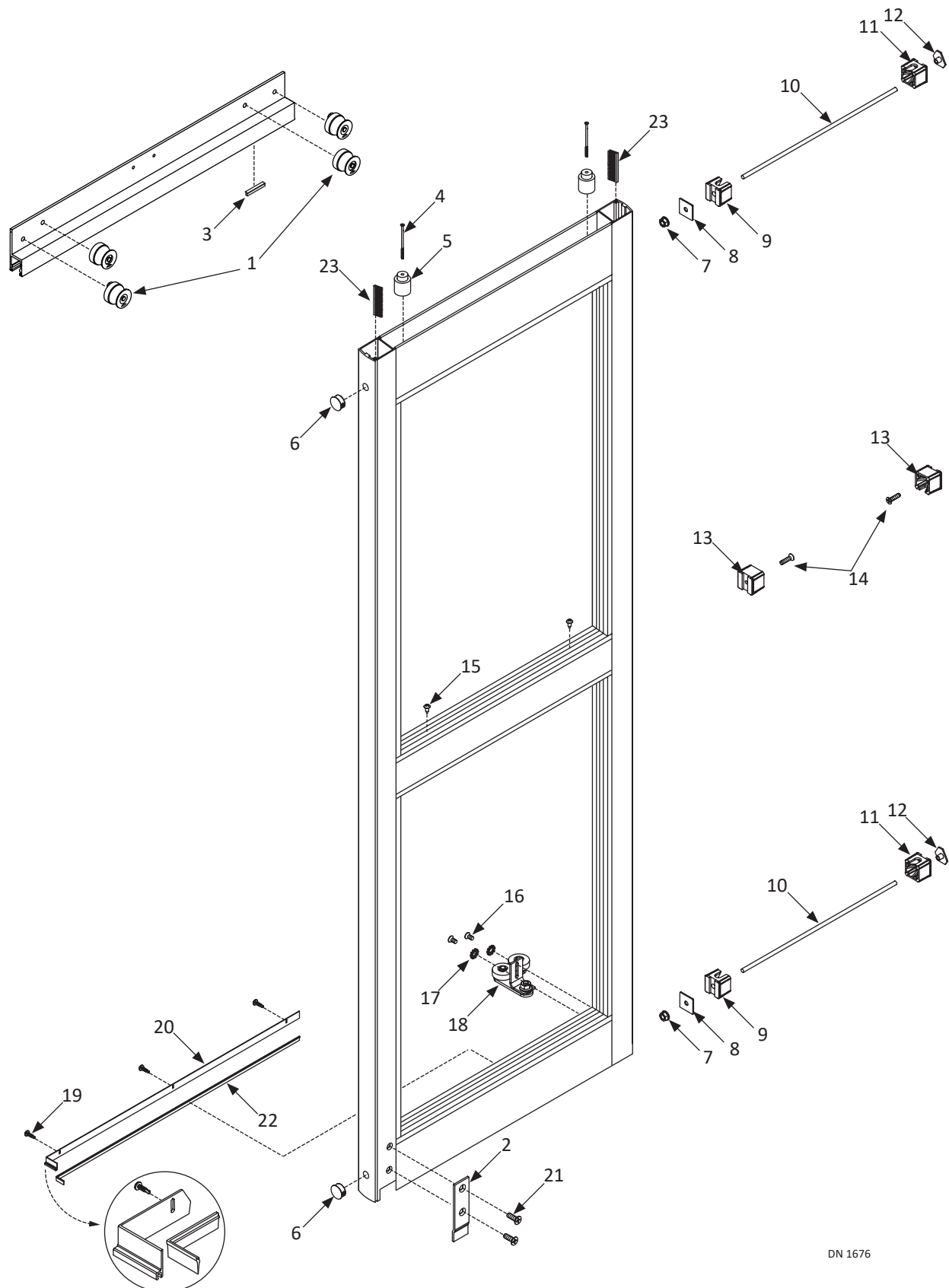
Viewed from Break Out Side



DN 1678

**SERVICE PARTS: RIGHT HAND TRAIL DOOR FIXED SIDELITE**

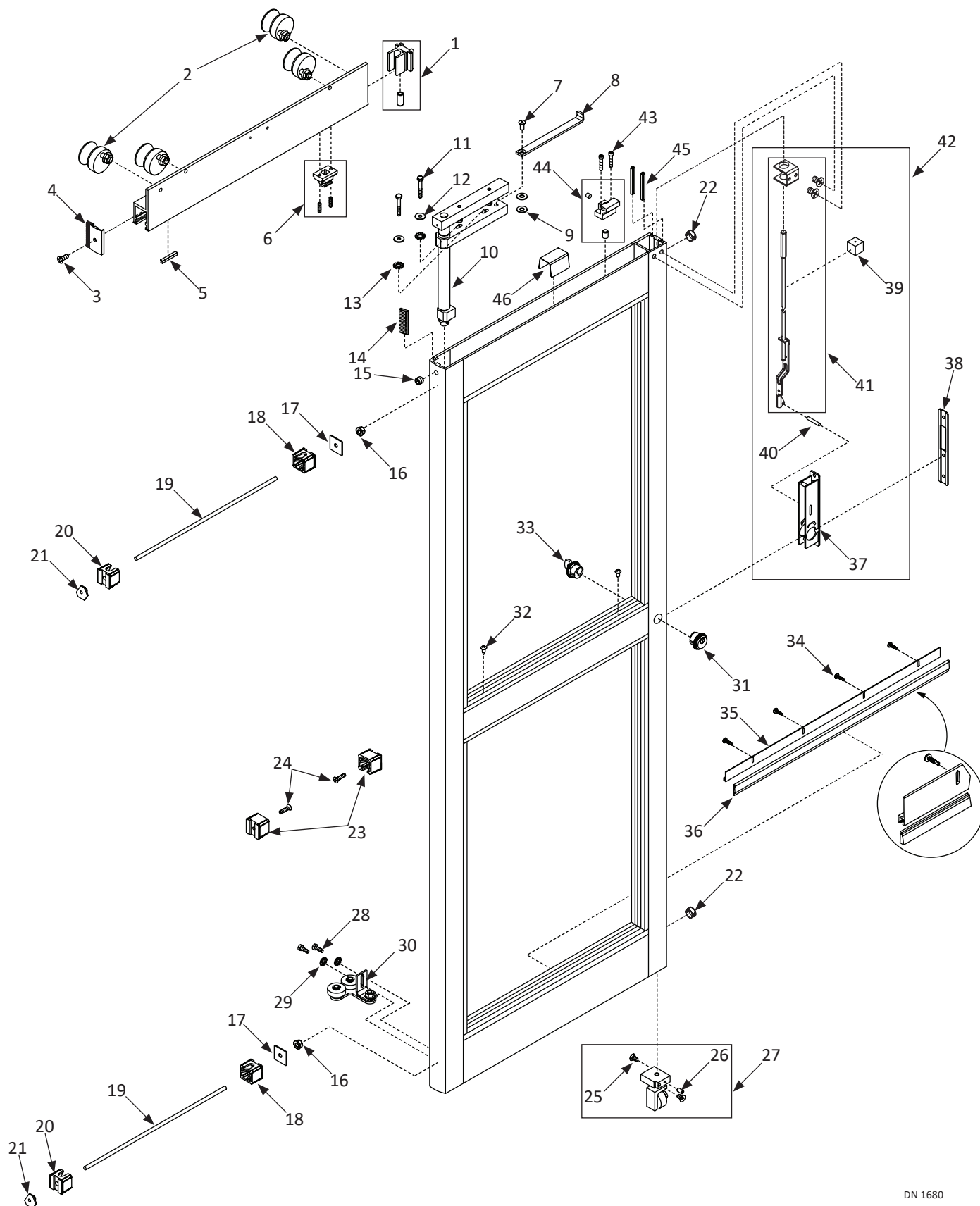
Viewed from Break Out Side



FIXED SIDELITE TRAIL DOOR			
Item	Part	Finish/Sizes/Notes	Description
1	A-00416		ROLLER HANGER,30mm
2	M-00709	In Part Bag A-00618 & A-00619	COVER, PLATE, BOTTOM GUIDE, FS
3	M-00690		WEATHER, PILE .2
4	T-00508		FHMS,1/4-20x4.000L.,PHIL,ZINC
5	M-01095		ADAPTER,BLOCK,NO PANIC,DOOR SLIDER
6	T-00085		PLUG, DOME, .813 DIAMETER
7	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
8	M-00422		PLATE,TIE ROD
9	M-00461		CLIP,MUNTIN,.386 HOLE
10	M-00272		3/8-16 THREADED ROD
11	M-00460		CLIP,MUNTIN,.500 HOLE
12	M-00416		T-NUT, 3/8"-16, TIE ROD
13	M-00462		CLIP,MUNTIN,.261 HOLE
14	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
15	T-00006		FHSMS,10x0.750L.,PHIL,ZINC
16	T-00064	In Part Bag A-00618 & A-00619	HHCS,1/4-20x0.750L.,ZINC
17	T-00087	In Part Bag A-00618 & A-00619	WASHER, LOCK, EXT, 1/4 ID, ZINC
18	A-00181		BTM GUIDE DOUBLE ROLLER ASM, RH
	A-00183		BTM GUIDE DOUBLE ROLLER ASM, LH
19	T-00222	In Part Bag A-00618 & A-00619	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
	T-00260	In Part Bag A-00618 & A-00619	PHSMS,6x0.500L. PHIL,TEKS BLK ZN
20	14-10659-01		WEATHERING HOLDER
	14-10659-02		WEATHERING HOLDER
	14-10660-01		WEATHERING HOLDER
	14-10660-02		WEATHERING HOLDER
21	T-00015		FHMS,1/4-20x0.750L.,PHIL,ZINC
22	M-00274		BRUSH, NYLON, 1" STEPPED
23	M-00695		BRUSH, NYLON, .56 L

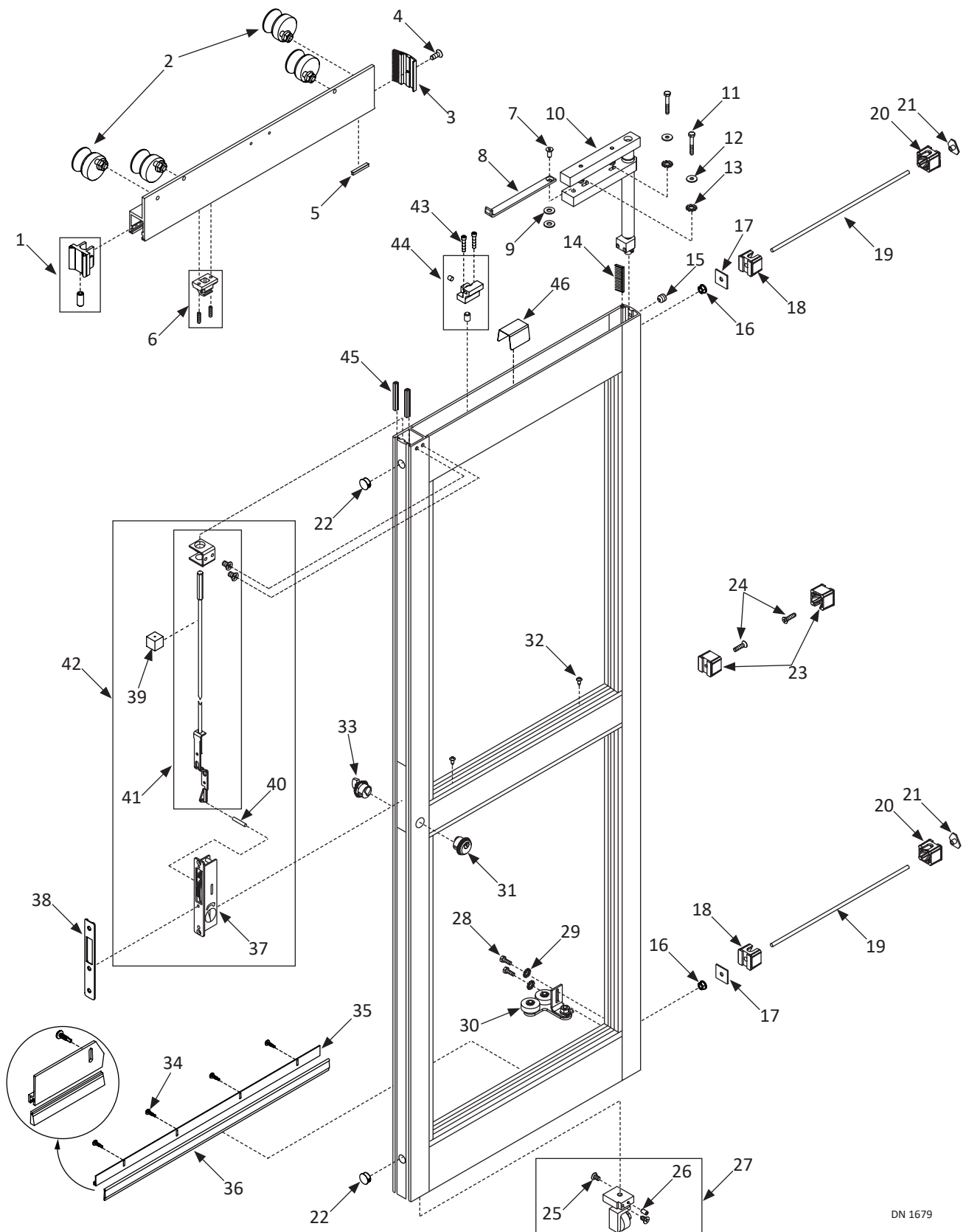
**SERVICE PARTS: LEFT HAND LEAD DOOR FIXED SIDELITE**

Viewed from Break Out Side



**SERVICE PARTS: RIGHT HAND LEAD DOOR FIXED SIDELITE**

Viewed from Break Out Side

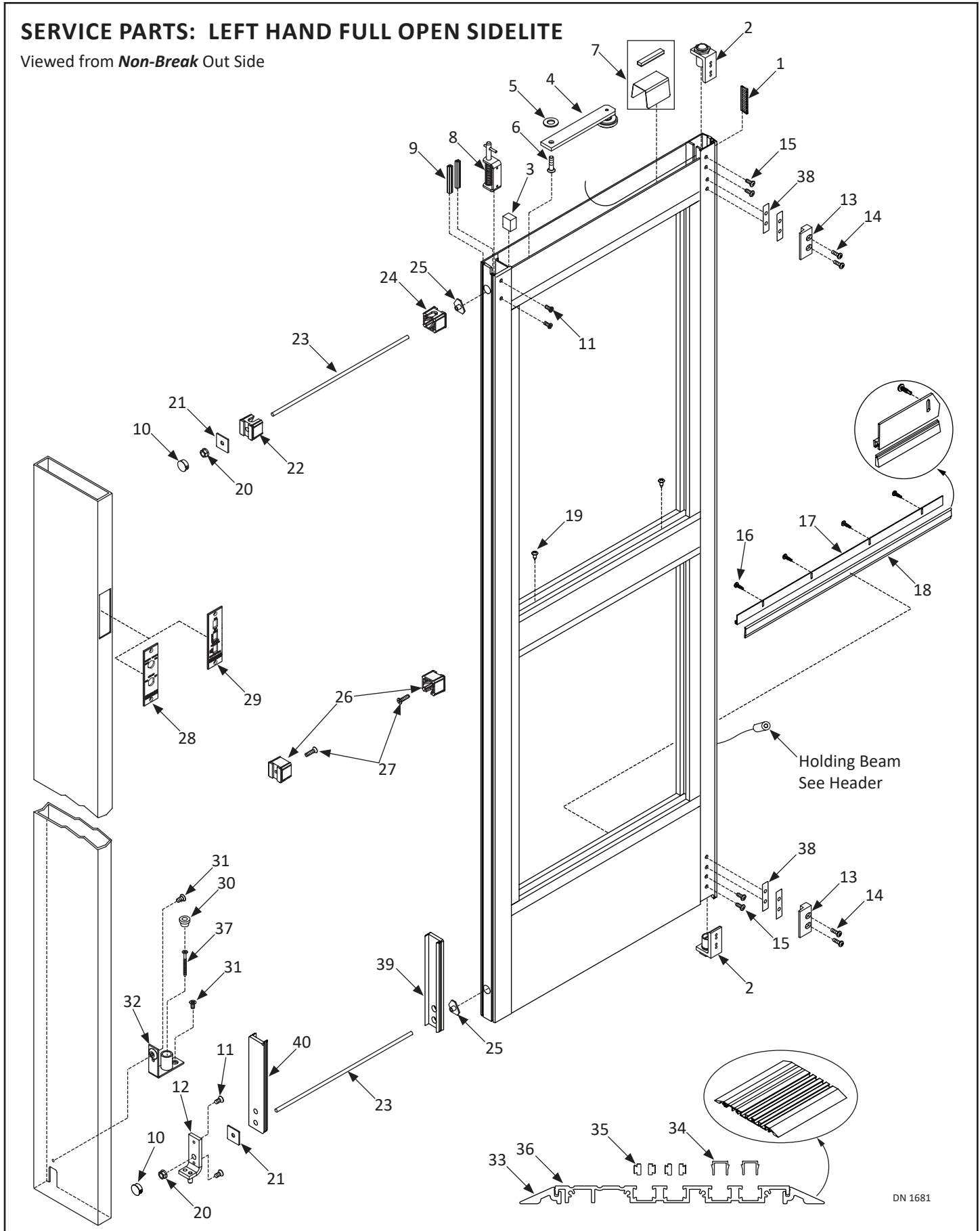


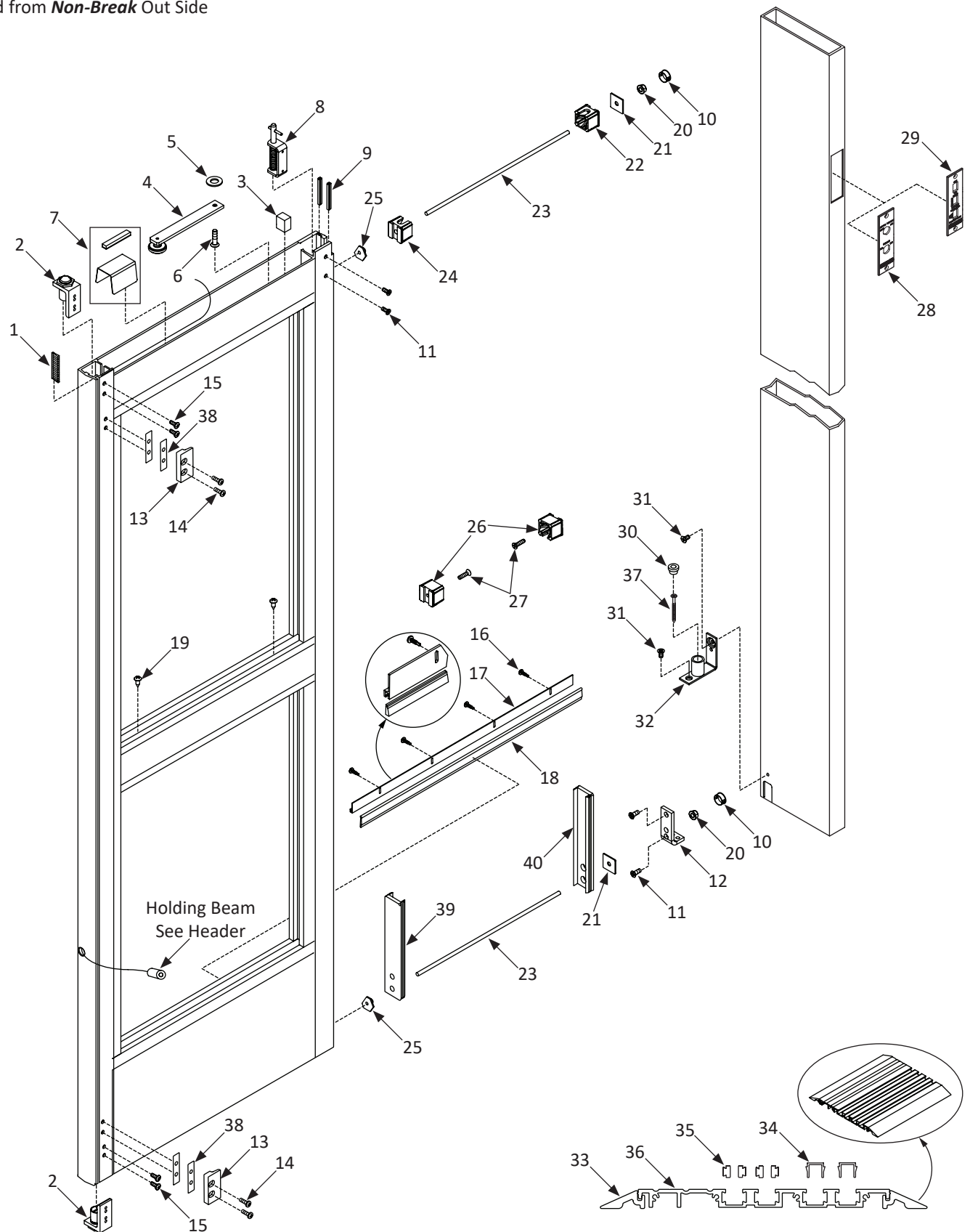
DN 1679

FIXED SIDELITE LEAD DOOR				
Item	Part	Finish/Sizes/Notes	Description	
1	A-00301		ENDCAP, STRIKE END,2"	
2	A-00416		ROLLER HANGER,30mm	
3	A-00415	Clear	END CAP W/ BRUSH,7/16x1-7/8,204	
	A-70415	Dark Bronze	END CAP W/ BRUSH,7/16x1-7/8,313	
4	T-00176	Zinc	FHMS,10-32x0.500L.,PHIL,UCUT,23-PT,ZINC	
	T-00183	Black Zinc	FHMS,10-32x0.500L.,PHIL,UCUT,23-PT,BLKZN	
5	M-00690		WEATHER, PILE .2	
6	A-00071		PANIC CATCH, UPPER,ASM.	
7	T-00018		FHCS,7/16-14x1.000L.,ZINC	
8	A-01167		LIMIT ARM,TELESCOPING SLIDER	
9	T-00069		WASHER,.255 ID,.900 OD,.125 THK,NYLON	
10	A-00092	Narrow Stile	CARRIER,PIVOT,NARROW STILE	
	A-00165	Medium Stile	CARRIER, PIVOT ASSY, MED STILE	
	A-00168	Narrow Panel & Narrow Stile	CARRIER PIVOT ASM. NRW PANEL & STILE	
	A-00172	Narrow Panel; Medium Stile	CARRIER,PIVOT,ASM.,NRW.PNL - MED.STILE	
11	T-00028		HHCS,1/4-20x1.750L.,GR5,ZINC	
12	T-00029		WASHER,.250 ID,.563 OD,.049 THK,ZINC	
13	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC	
14	A-00951		BRUSH, NYLON, .56 LX1.875L.	
15	T-00261	In Part Bag A-00618	SHSS,5/16-24x0.500L.,CUP PT.	
16	T-00025		NUT,WHIZLOCK,3/8-16,ZINC	
17	M-00422		PLATE,TIE ROD	
18	M-00461		CLIP,MUNTIN,.386 HOLE	
19	M-00272		3/8-16 THREADED ROD	
20	M-00460		CLIP,MUNTIN,.500 HOLE	
21	M-00416		T-NUT, 3/8"-16, TIE ROD	
22	T-00085		PLUG, DOME, .813 DIAMETER	
23	M-00462		CLIP,MUNTIN,.261 HOLE	
24	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC	
25	T-00016	Zinc	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,ZINC	
	T-00108	Black Zinc	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,BLK ZN	
26	T-00105		SHSS,8-32x0.313L.,CUP PT.	
27	A-00198	Narrow	NOSE CASTER ASSY, NAR	
	A-00207	Medium	NOSE CASTER ASSY, MED	
28	T-00064	In Part Bag A-00618 & A-00619	HHCS,1/4-20x0.750L.,ZINC	
29	T-00087	In Part Bag A-00618 & A-00619	WASHER, LOCK, EXT, 1/4 ID, ZINC	
30	A-00181	RH/In Part Bag A-00618 & A-00619	BTM GUIDE DOUBLE ROLLER ASM, RH	
	A-00183	LH/In Part Bag A-00618 & A-00619	BTM GUIDE DOUBLE ROLLER ASM, LH	
31	V-00123	Clear	CYLINDER,LOCK,KEYED,204	
	V-70123	Dark Bronze	CYLINDER,LOCK,KEYED,313	
32	T-00006		FHSMS,10x0.750L.,PHIL,ZINC	

FIXED SIDELITE LEAD DOOR			
Item	Part	Finish/Sizes/Notes	Description
33	V-00116	Clear	CYLINDER,LOCK,THUMBTURN,204
	V-70116	Dark Bronze	CYLINDER,LOCK,THUMBTURN,313
34	T-00222	In Part Bag A-00618 & A-00619	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
	T-00260	In Part Bag A-00618 & A-00619	PHSMS,6x0.500L. PHIL,TEKS BLK ZN
35	M-60278	Clear	HOLDER,WEATHERING BRUSH,204,EXTRU
	M-70278	Dark Bronze	HOLDER,WEATHERING BRUSH,313,EXTRU
36	M-00274	Stepped	BRUSH, NYLON, 1" STEPPED
37	V-00006		LOCK, CR LAURENCE #DL2130A
38	V-00014	Clear	COVER,MS LOCK,W/ CUTOUT,204
	V-70014	Dark Bronze	COVER,MS LOCK,W/ CUTOUT,313
39	M-00974		BLOCK,FOAM
40	T-00132		"PIN,ROLL,5/32D X 0.875L."
41	V-00094		LOCKROD, ADAMS-RITE #4015
42	A-00806		"ARM,SLIDING W-TRACK,INSWG,:W-HDW,GT-20"
43	T-00037		SHCS,1/4-20x1.250L.,ZINC
44	A-00069		PANIC CATCH, BOTTOM
45	M-00688		PILE WEATHERING .45 TALL W/ ADHESIVE
46	M-00653		BRACKET, LIMIT ARM SUPPORT

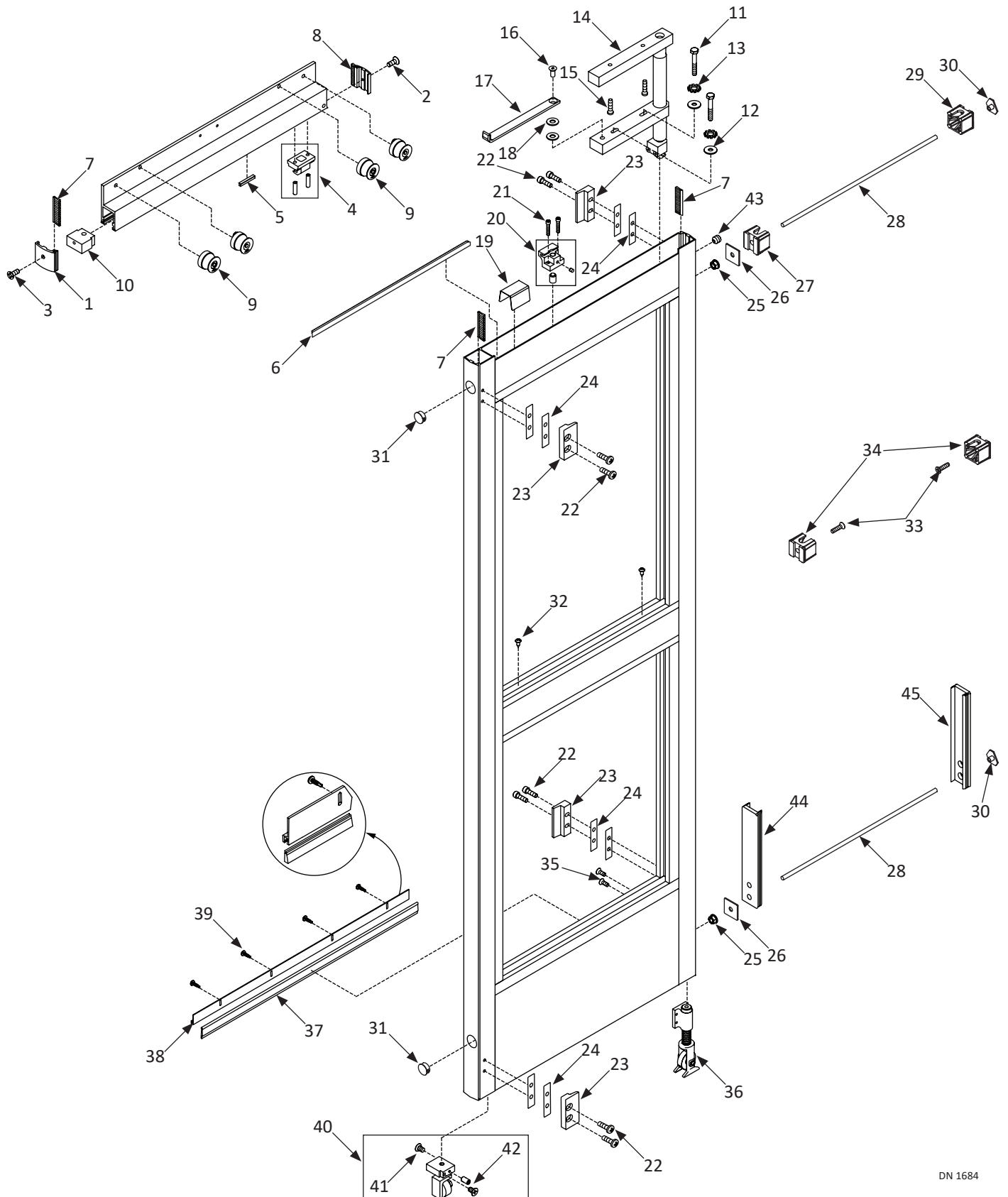


**SERVICE PARTS: LEFT HAND FULL OPEN SIDELITE**Viewed from **Non-Break** Out Side

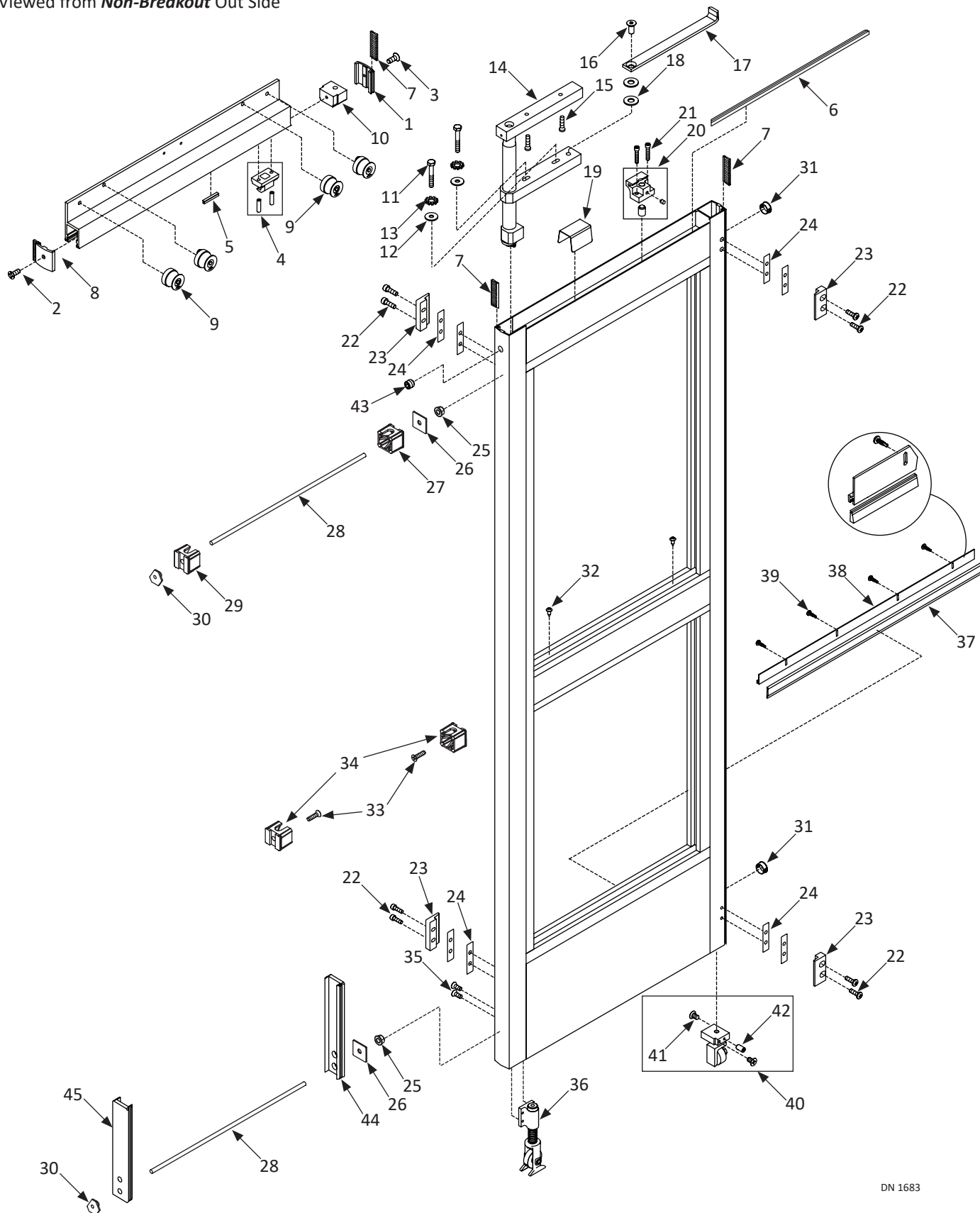
**SERVICE PARTS: RIGHT HAND FULL OPEN SIDELITE**Viewed from **Non-Break** Out Side

DN 1682

FULL OPEN SIDELITE			
Item	Part	Finish/Sizes/Notes	Description
1	A-00951		BRUSH, NYLON, .56 LX1.875L.
2	A-00057		BALL DETENT,ASSEMBLY
3	A-00166		STOP BLOCK ASSY, SWING PANEL LIMIT ARM
4	A-00060	Narrow/In Part Bag A-00408	LIMIT ARM,SWING PANEL,ASM.NRW.STILE
	A-00406	Medium/In Part Bag A-00408	LIMIT ARM, SWING PANEL, MED STILE
5	T-00069	In Part Bag A-00408	WASHER,.255 ID,.900 OD,.125 THK,NYLON
6	T-00083	In Part Bag A-00408	FHMS,1/4-20x1.000L.,PHIL,UCUT,VIBRATITE
7	A-00149		ASM, MAGNET, BREAKOUT
8	A-00029		ASM, TOP PIVOT, 1175 SWING PANEL
9	M-00687		WEATHERING, PILE .57 TALL
10	T-00085		PLUG, DOME, .813 DIAMETER
11	T-00016		FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,ZINC
12	M-00745	LH	PIVOT, BOTTOM, SWING PANEL, LH
	M-00744	RH	PIVOT, BOTTOM, SWING PANEL, RH
13	M-00440		INTERLOCK, PLASTIC, 1175
14	T-00078		PHMS,10-32x0.625L.,PHIL,ZINC
15	T-00027	Zinc	PHMS,10-32x0.500L.,PHIL.ZINC
	T-00051	Black Zinc	PHMS,10-32x0.500L.,PHIL,BLK ZN
16	T-00222	Zinc/In Part Bag A-00408	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
	T-00260	Black Zinc/In Part Bag A-00408	PHSMS,6x0.500L. PHIL,TEKS BLK ZN
17	M-60278	Clear	HOLDER,WEATHERING BRUSH,204,EXTRU
	M-70278	Dark Bronze	HOLDER,WEATHERING BRUSH,313,EXTRU
18	M-00274		BRUSH, NYLON, 1" STEPPED
19	T-00006		FHSMS,10x0.750L.,PHIL,ZINC
20	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
21	M-00422		PLATE,TIE ROD
22	M-00461		CLIP,MUNTIN,.386 HOLE
23	M-00272		3/8-16 THREADED ROD
24	M-00460		CLIP,MUNTIN,.500 HOLE
25	M-00416		T-NUT, 3/8"-16, TIE ROD
26	M-00462		CLIP,MUNTIN,.261 HOLE
27	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
28	M-01144		SWITCH, KEY - NABCO
29	M-00428		SWITCH MODULE,3 ROCKER,NABCO
30	M-00606	In Part Bag A-00408	BUSHING, BOTTOM PIVOT, SWING PANEL
31	T-00007	In Part Bag A-00408	FHMS,1/4-20x0.500L.,PHIL,UNDRCUT,F-PT,ZN
32	M-00611	In Part Bag A-00408	FLOOR PIVOT BRACKET
33	M-60260		RAMP, THRESHOLD EXTENSION,204,EXTRU
34	M-00295		THRESHOLD, FILLER
35	M-00291		THRESHOLD, BUMPER
36	M-60325		THRESHOLD,TELESCOPIC,7 X 1/2IN,204,EXTRU
37	T-00008	In Part Bag A-00408	FHSMS,1/4x2.750L.,PHIL,TAPCON,BLUE
38	M-00494		SHIM, INTERLOCK
39	A-01254	For Optional 10" Rail only	CLIP, RAIL, 10,.500 HOLE
40	A-01253	For Optional 10" Rail only	CLIP, RAIL, 10,.391 HOLE

**SERVICE PARTS: LEFT HAND FULL OPEN TRAIL DOOR**Viewed from **Non-Break** Out Side

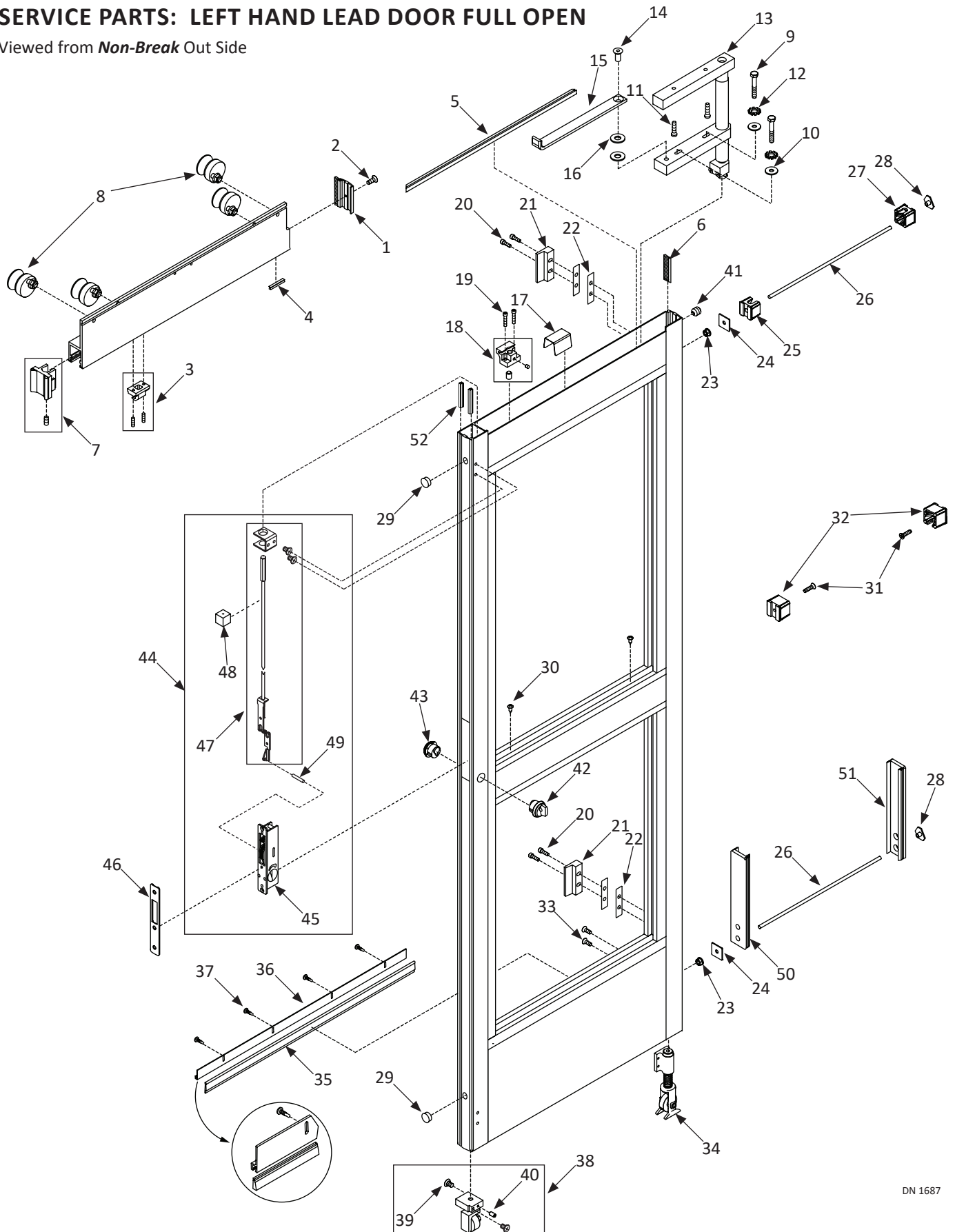
DN 1684

**SERVICE PARTS: RIGHT HAND FULL OPEN TRAIL DOOR**Viewed from **Non-Breakout** Out Side

DN 1683

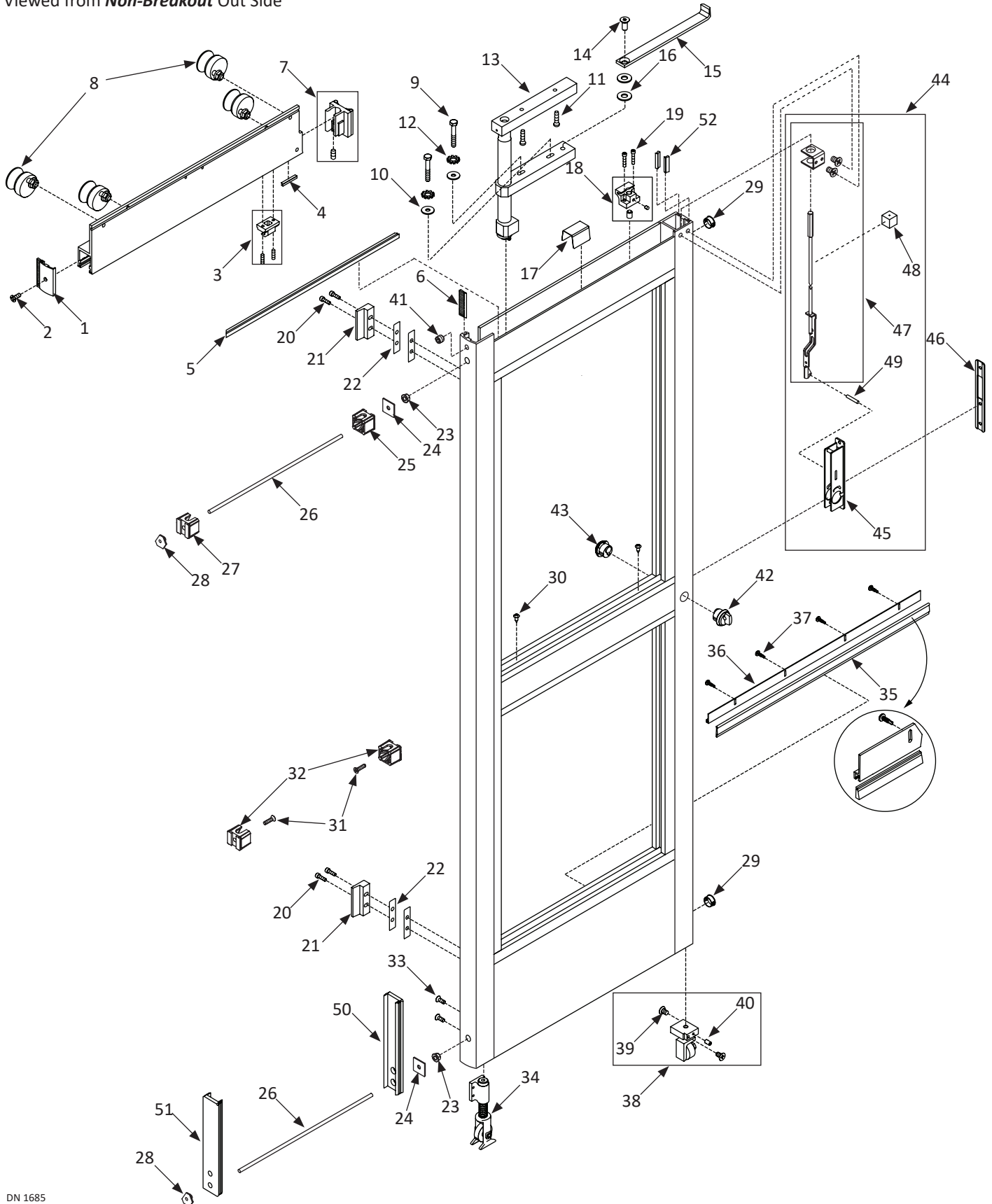
FULL OPEN TRAIL DOOR			
Item	Part	Finish/Sizes/Notes	Description
1	M-01222	Clear	END CAP,BOTH ENDS,TRAIL DOOR,204
	M-71222	Dark Bronze	END CAP,BOTH ENDS,TRAIL DOOR,313
2	T-00176	Zinc	FHMS,10-32x0.500L.,PHIL,UCUT,23-PT,ZINC
	T-00183	Black Zinc	FHMS,10-32x0.500L.,PHIL,UCUT,23-PT,BLKZN
3	T-00176	Zinc	FHMS,10-32x0.500L.,PHIL,UCUT,23-PT,ZINC
	T-00183	Black Zinc	FHMS,10-32x0.500L.,PHIL,UCUT,23-PT,BLKZN
4	A-00071		PANIC CATCH, UPPER,ASM.
5	M-00690		WEATHER, PILE .2
6	M-60288	Clear	INTERFACE LEG,204,EXTRU
	M-70288	Dark Bronze	INTERFACE LEG,313,EXTRU
7	A-00951		BRUSH, NYLON, .56 LX1.875L.
8	A-00415	Clear	END CAP W/ BRUSH,7/16x1-7/8,204
	A-70415	Dark Bronze	END CAP W/ BRUSH,7/16x1-7/8,313
9	A-00416		ROLLER HANGER,30mm
10	M-02074		Error no match found
11	T-00028		HHCS,1/4-20x1.750L.,GR5,ZINC
12	T-00029		WASHER,.250 ID,.563 OD,.049 THK,ZINC
13	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC
14	A-00092	Narrow Stile	CARRIER,PIVOT,NARROW STILE
	A-00165	Medium Stile	CARRIER, PIVOT ASSY, MED STILE
	A-00168	Narrow Panel & Stile	CARRIER PIVOT ASM. NRW PANEL & STILE
	A-00172	Narrow Panel & Medium Stile	CARRIER,PIVOT,ASM.,NRW.PNL - MED.STILE
15	T-00014		SHCS,3/8-16x1.500L.,LOW HD.
16	T-00018		FHCS,7/16-14x1.000L.,ZINC
17	A-01167		LIMIT ARM,TELESCOPING SLIDER
18	T-00069		WASHER,.255 ID,.900 OD,.125 THK,NYLON
19	M-00653		BRACKET, LIMIT ARM SUPPORT
20	A-00069		PANIC CATCH, BOTTOM
21	T-00037		SHCS,1/4-20x1.250L.,ZINC
22	T-00018		FHCS,7/16-14x1.000L.,ZINC
23	M-00440		INTERLOCK, PLASTIC, 1175
24	M-00494		SHIM, INTERLOCK
25	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
26	M-00422		PLATE,TIE ROD
27	M-00461		CLIP,MUNTIN,.386 HOLE
28	M-00272		3/8-16 THREADED ROD
29	M-00460		CLIP,MUNTIN,.500 HOLE
30	M-00416		T-NUT, 3/8"-16, TIE ROD
31	T-00085		PLUG, DOME, .813 DIAMETER
32	T-00006		FHSMS,10x0.750L.,PHIL,ZINC
33	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
34	M-00462		CLIP,MUNTIN,.261 HOLE

FULL OPEN TRAIL DOOR			
Item	Part	Finish/Sizes/Notes	Description
35	T-00027		PHMS,10-32x0.500L.,PHIL.ZINC
36	A-00063	Narrow Stile	ROLLER GUIDE,BOTTOM,ASM.
	A-00692	Medium Stile	CASTED BOTTOM ROLLER GUIDE ASSEMBLY
37	M-00274		BRUSH, NYLON, 1" STEPPED
38	M-60278	Clear	HOLDER,WEATHERING BRUSH,204,EXTRU
	M-70278	Dark Bronze	HOLDER,WEATHERING BRUSH,313,EXTRU
	M-90278	Bone White	HOLDER:WEATHERING BRUSH:BW:EXTRU
39	T-00222	In Part Bag A-00408	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
	T-00260	In Part Bag A-00408	PHSMS,6x0.500L. PHIL,TEKS BLK ZN
40	A-00198	Narrow Stile	NOSE CASTER ASSY, NAR
	A-00207	Medium Stile	NOSE CASTER ASSY, MED
41	T-00016	Zinc	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,ZINC
	T-00108	Black Zinc	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,BLK ZN
42	T-00105		SHSS,8-32x0.313L.,CUP PT.
43	T-00019		SHSS,5/16-24x0.313L.,CUP PT.
44	A-01253	For Optional 10" Rail only	CLIP, RAIL, 10,.391 HOLE
45	A-01254	For Optional 10" Rail only	CLIP, RAIL, 10,.500 HOLE

**SERVICE PARTS: LEFT HAND LEAD DOOR FULL OPEN**Viewed from **Non-Break** Out Side

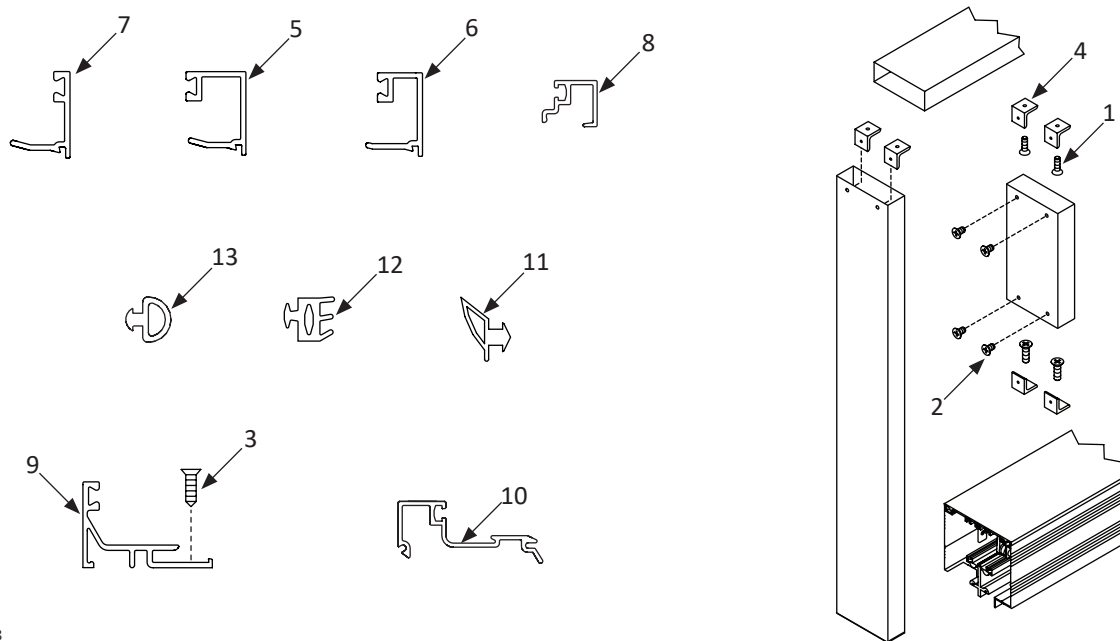
DN 1687



**SERVICE PARTS: RIGHT HAND LEAD DOOR FULL OPEN**Viewed from **Non-Breakout** Out Side

FULL OPEN LEAD DOOR			
Item	Part	Finish/Sizes/Notes	Description
1	A-00412	Clear	END CAP W/ BRUSH,PIVOT END LEAD DOOR,204
	A-70412	Dark Bronze	END CAP W/ BRUSH,PIVOT END LEAD DOOR,313
2	T-00176	Zinc	FHMS,10-32x0.500L.,PHIL,UCUT,23-PT,ZINC
	T-00183	Black Zinc	FHMS,10-32x0.500L.,PHIL,UCUT,23-PT,BLKZN
3	A-00071		PANIC CATCH, UPPER,ASM.
4	M-00690		WEATHER, PILE .2
5	M-60288	Clear	INTERFACE LEG,204,EXTRU
	M-70288	Dark Bronze	INTERFACE LEG,313,EXTRU
6	A-00951		BRUSH, NYLON, .56 LX1.875L.
7	A-00301-20		ENDCAP, STRIKE END,3"
8	A-00416		ROLLER HANGER,30mm
9	T-00028		HHCS,1/4-20x1.750L.,GR5,ZINC
10	T-00029		WASHER,.250 ID,.563 OD,.049 THK,ZINC
11	T-00014		SHCS,3/8-16x1.500L.,LOW HD.
12	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC
13	A-00092	Narrow Stile	CARRIER,PIVOT,NARROW STILE
	A-00165	Medium Stile	CARRIER, PIVOT ASSY, MED STILE
	A-00168	Narrow Panel and Stile	CARRIER PIVOT ASM. NRW PANEL & STILE
	A-00172	Narrow Panel and Medium Stile	CARRIER,PIVOT,ASM.,NRW.PNL - MED.STILE
14	T-00018		FHCS,7/16-14x1.000L.,ZINC
15	A-01167		LIMIT ARM,TELESCOPING SLIDER
16	T-00069		WASHER,.255 ID,.900 OD,.125 THK,NYLON
17	M-00653		BRACKET, LIMIT ARM SUPPORT
18	A-00069		PANIC CATCH, BOTTOM
19	T-00037		SHCS,1/4-20x1.250L.,ZINC
20	T-00018		FHCS,7/16-14x1.000L.,ZINC
21	M-00440		INTERLOCK, PLASTIC, 1175
22	M-00494		SHIM, INTERLOCK
23	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
24	M-00422		PLATE,TIE ROD
25	M-00461		CLIP,MUNTIN,.386 HOLE
26	M-00272		3/8-16 THREADED ROD
27	M-00460		CLIP,MUNTIN,.500 HOLE
28	M-00416		T-NUT, 3/8"-16, TIE ROD
29	T-00085		PLUG, DOME, .813 DIAMETER
30	T-00006		FHSMS,10x0.750L.,PHIL,ZINC
31	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
32	M-00462		CLIP,MUNTIN,.261 HOLE
33	T-00027		PHMS,10-32x0.500L.,PHIL.ZINC
34	A-00063	Narrow Stile	ROLLER GUIDE,BOTTOM,ASM.
	A-00692	Medium Stile	CASTED BOTTOM ROLLER GUIDE ASSEMBLY
35	M-00274		BRUSH, NYLON, 1" STEPPED

FULL OPEN LEAD DOOR			
Item	Part	Finish/Sizes/Notes	Description
36	M-60278	Clear	HOLDER,WEATHERING BRUSH,204,EXTRU
	M-70278	Dark Bronze	HOLDER,WEATHERING BRUSH,313,EXTRU
37	T-00222	In Part Bag A-00408	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
	T-00260	In Part Bag A-00408	PHSMS,6x0.500L. PHIL,TEKS BLK ZN
38	A-00198	Narrow Stile	NOSE CASTER ASSY, NAR
	A-00207	Medium Stile	NOSE CASTER ASSY, MED
39	T-00016	Zinc	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,ZINC
	T-00108	Black Zinc	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,BLK ZN
40	T-00105		SHSS,8-32x0.313L.,CUP PT.
41	T-00019		SHSS,5/16-24x0.313L.,CUP PT.
42	V-00116	Thumbturn/Clear	CYLINDER,LOCK,THUMBTURN,204
	V-70116	Thumbturn/Dark Bronze	CYLINDER,LOCK,THUMBTURN,313
43	V-00123	Keyed/Clear	CYLINDER,LOCK,KEYED,204
	V-70123	Keyed/Dark Bronze	CYLINDER,LOCK,KEYED,313
44	A-00802		"LOCK,W/ ROD,CRL"
45	V-00006		LOCK, CR LAURENCE #DL2130A
46	V-00014	Clear	COVER,MS LOCK,W/ CUTOUT,204
	V-70014	Dark Bronze	COVER,MS LOCK,W/ CUTOUT,313
47	V-00094		LOCKROD, ADAMS-RITE #4015
48	M-00974		BLOCK,FOAM
49	T-00132		"PIN,ROLL,5/32D X 0.875L."
50	A-01253	For Optional 10" Rail only	CLIP, RAIL, 10,.391 HOLE
51	A-01254	For Optional 10" Rail only	CLIP, RAIL, 10,.500 HOLE
52	M-00688		PILE WEATHERING .45 TALL W/ ADHESIVE

**SERVICE PARTS: TRANSOM CLIP, GLASS STOPS, AND VINYL**

DN 1688

**TRANSOM, GLASS STOPS, AND VINYL**

Item	Part	Finish/Sizes/Notes	Description
1	T-00424		"FHMS,10-24x0.625L.,F PT.,PHIL,ZN"
2	T-00016	Zinc	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,ZINC
	T-00108	Black Zinc	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,BLK ZN
3	T-00137		"FHSMS,8x0.625L.,PHIL,TYPE A"
4	M-01386		BRACKET,FRAME,7IN TRAN
<b>To Ensure Proper Fit: Contact Customer Service Before Ordering Glass Stops</b>			
5	M-60333	Clear	GLASS STOP, TOP, 1" TALL, 204 ,EXTRU
	M-70333	Dark Bronze	GLASS STOP, TOP, 1" TALL, 313 ,EXTRU
6	M-60265	Clear	GLASS STOP, 1" TALL, SNAP IN, 204, EXTRU
	M-70265	Dark Bronze	GLASS STOP, 1" TALL, SNAP, 313, EXTRU
7	M-60268	Clear	GLASS STOP, SNAP IN, 1/2" TALL, 204, EXTRU
	M-70268	Dark Bronze	GLASS STOP, SNAP IN, 1/2" TALL, 313, EXTRU
8	M-60255	Clear	GLASS STOP, BASE, 204, EXTRU
	M-70255	Dark Bronze	GLASS STOP, BASE, 313, EXTRU
9	M-60266	Clear	GLASS STOP, SCREW DOWN, BASE, 204, EXTRU
	M-70266	Dark Bronze	GLASS STOP, SCREW DOWN, BASE, 313, EXTRU
10	M-60338	Clear	GLASS STOP, BASE, SNAP IN, 204,, EXTRU
	M-70338	Dark Bronze	GLASS STOP, BASE, SNAP IN, 313, EXTRU
<b>To Ensure Proper Fit: Contact Customer Service Before Ordering Vinyl</b>			
11	M-00263		VINYL GLASS STOP THREE PRONG
12	M-00284		VINYL GLASS STOP TEAR DROP
13	M-00339		VINYL, GLASS STOP