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NABCO hours of Operation: Monday to Friday 8:00 a.m.- 4:30 p.m. (Central Time)

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# **!!! ATTENTION !!!**

**BEFORE INSTALLING THE H60 HURRICANE SLIDE DOOR SYSTEM:**

**PLEASE REFER TO (4) NOA DOCUMENTS THAT ARE PACKED WITHIN THIS DECAL PACKET SHOWING DETAILED ANCHORING DIAGRAMS:**

- **Impact Fixed Sidelite (NAB001)**
- **Impact Full Open (NAB003)**
- **Non-Impact Fixed Sidelite (NAB002)**
- **Non-Impact Full Open (NAB004)**

**DETAILED ANCHORING DIAGRAMS *SHALL* BE ADHERED TO**

# **!!! ATTENTION !!!**



Model GT1175 (H60-Narrow) Hurricane Slide Door Installation Manual  
\*\*with Opus Control\*\*  
P/N C-00373 Rev 8-7-20

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Associated Manuals Part Numbers: OPUS 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)  
NOA Documents (NAB001, NAB002, NAB003, NAB004)

**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 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 OPUS 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, and 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 GT1175 Slide Door System, and ANSI Standard Z97.1 covers glass installation. Other local standards or codes may apply. Use them in addition to the ANSI standard. The GT1175 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 GT1175 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: Feature Comparison

Feature	GT1175 / Opus v27	GT1175 / OPUS
Operator	VS-150 High Voltage Brushless Motor	DC-150 Low Voltage Brushless Motor
Programmable Speeds: Open, Close, Check	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 Handling	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 4.2: 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](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 4.3: Associated Video QR Code Link

How to locate Service Parts Pages on the NABCO website



### Android Phone Instruction to Scan QR Code

*Note: Scanning QR Links using an Android Phone may vary.*

1. Google to download QR Scanner. Install.
2. Place phone in front of QR Code. Scan.

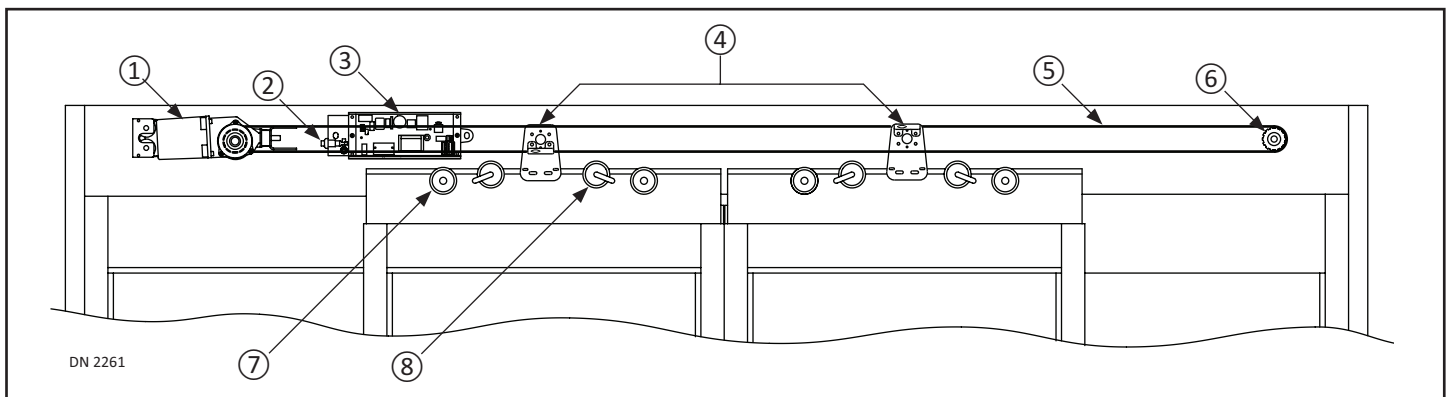
### I-Phone Instruction to Scan QR Code

1. Click on Camera icon.
2. Place phone in front of QR Code. Scan.

## SECTION 4.4: Types of Units

- ▶ Mechanical Configurations:
  - Single Slide: (1) Slide Door that slides to the right or left with (1) Sidelite Panel.
  - Bi-Part: (2) Slide Doors that slide apart from the center with (2) Sidelite Panels.
- ▶ Emergency Egress:
  - Full Open: Both the Slide door and Swing Sidelite break out for emergency egress.
  - Fixed Sidelite: Secured to the Header and Jamb Tube. Only the Slide door breaks out for emergency egress.

## SECTION 4.5: Header Components



1	VS-150 Operator	V-00914	5	Timing Belt 3/4" wide	V-00916
2	Power Cut Off Switch	N/A	6	Idler Assembly	A-01419
3	Opus Control Assembly	A-01418	7	Anti Rise Roller	A-00163
4	Belt Clip Assembly	M-02038	8	Hanger Roller	A-00162

## CHAPTER 5: INSPECT THE ROUGH OPENING

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.
  - b. If used, check recessed threshold across the door opening.

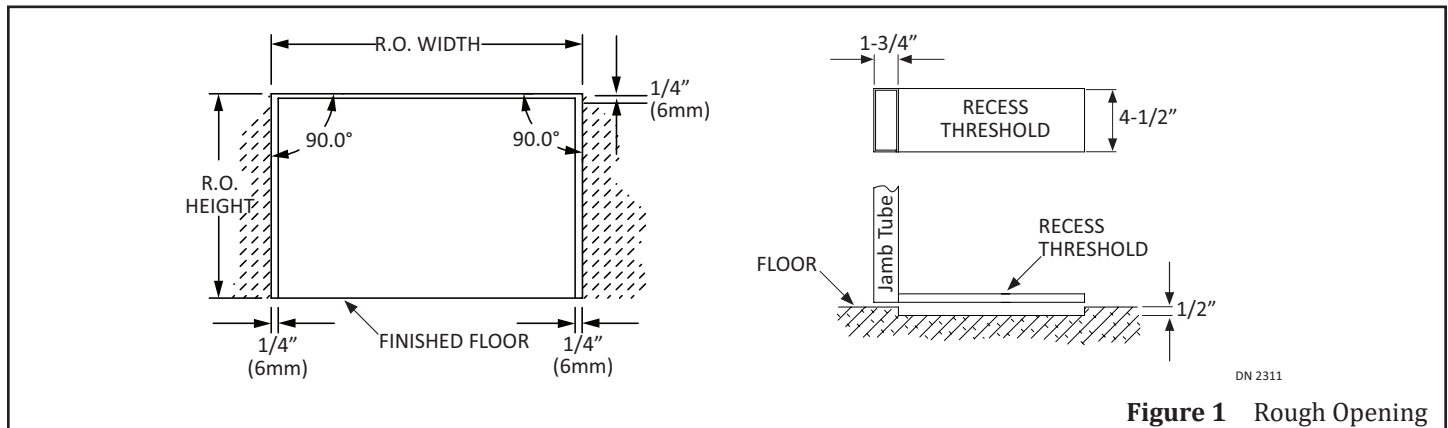


Figure 1 Rough Opening

## CHAPTER 6: ASSEMBLE DOOR FRAME

### SECTION 6.1: Remove the Header Cover

1. Remove (2) 10-24 x .625 inch screws. Remove Header Cover by lifting it up and then pulling it out.
2. Unplug the Sensor (if equipped). Remove Parts boxes and/or Parts bags from inside Header.

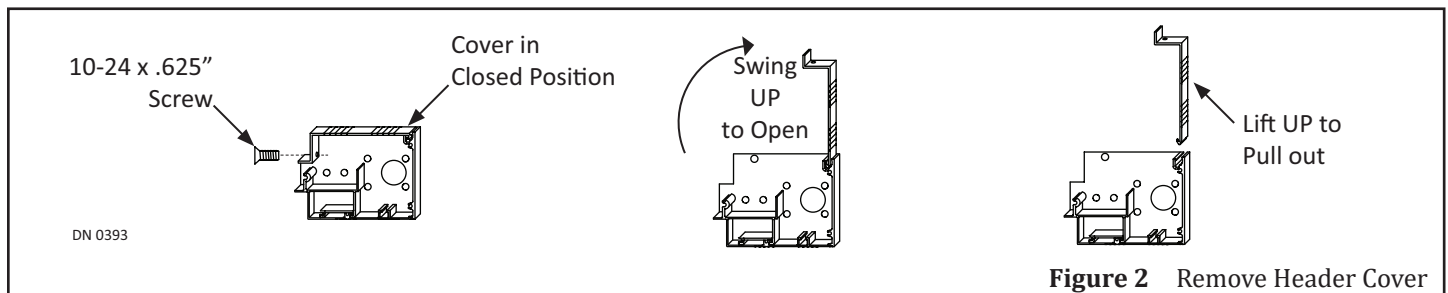
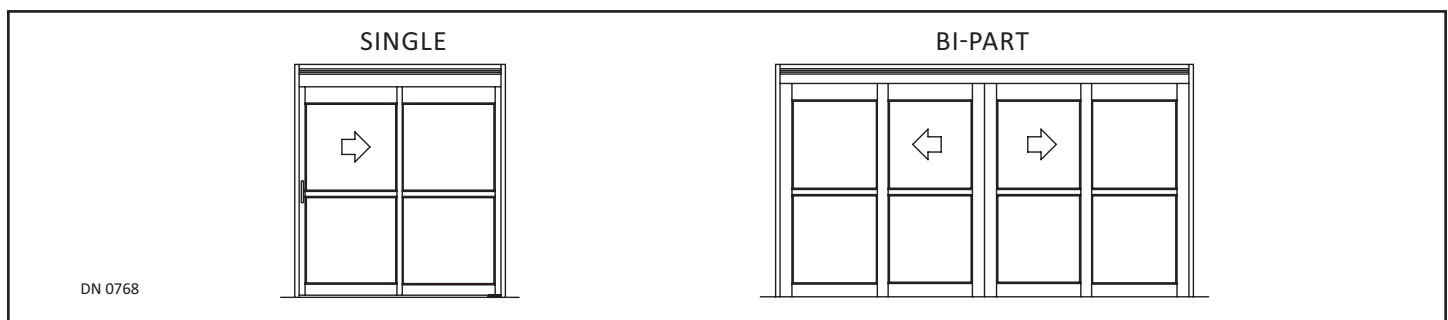
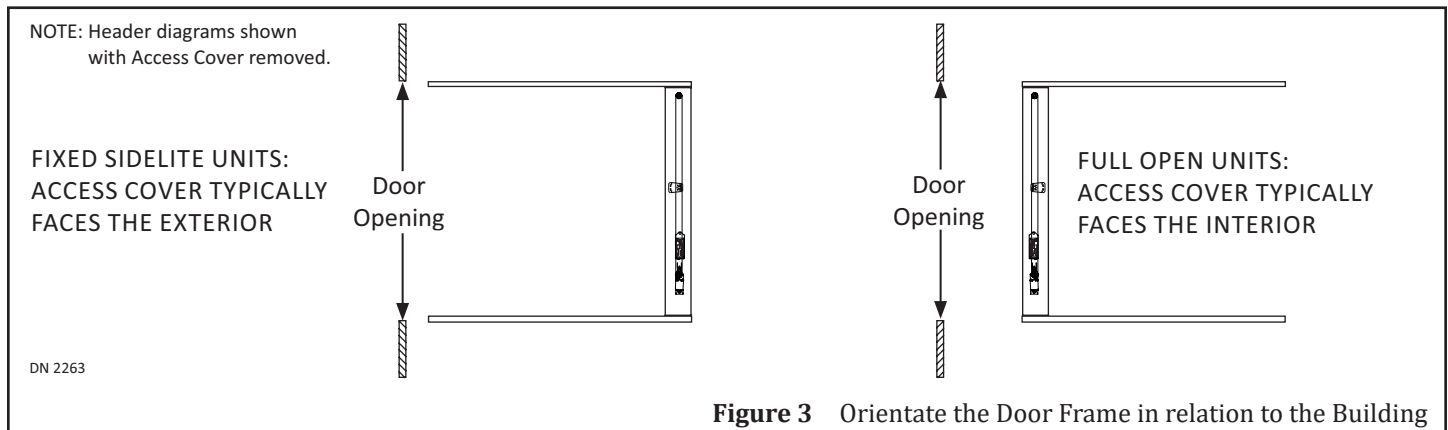


Figure 2 Remove Header Cover

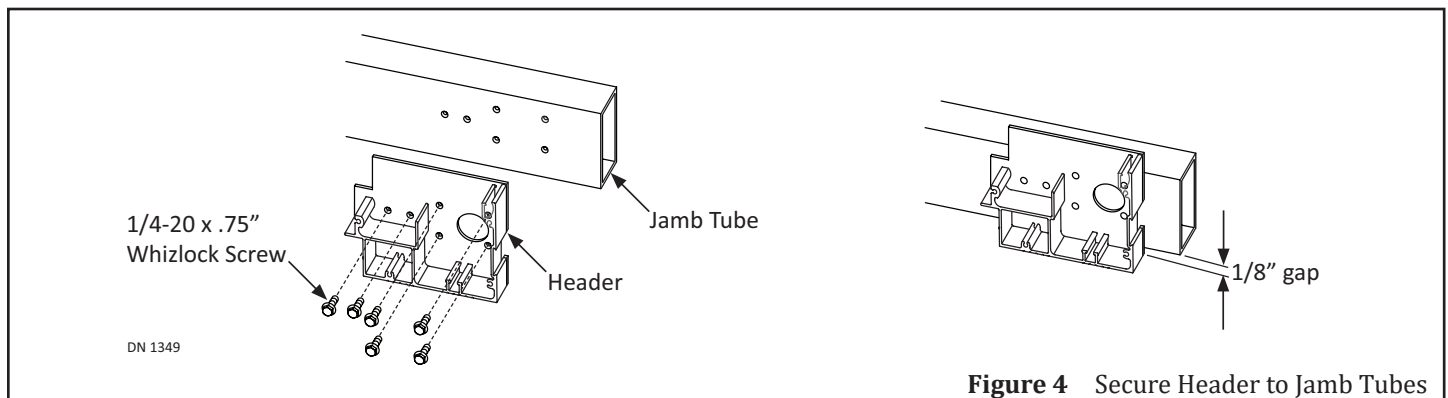
### SECTION 6.2: Position the Door Frame



1. Position Jamb Tubes on either side of Header according to the instruction sticker located on each Jamb Tube, showing proper location and orientation. Ensure the removable cover side of Header is facing up.
2. Orienate 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.

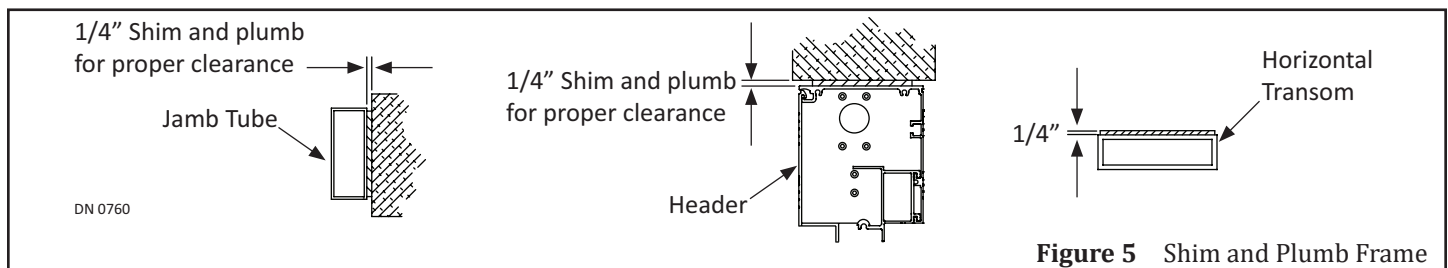


3. Secure the Header to each Jamb Tube with (6) 1/4-20 x .75 Whizlock screws.
  - a. If installed correctly there will be a 1/8 inch gap between the bottom of Jamb Tubes and the flat surface.



## CHAPTER 7: SECURE DOOR FRAME TO BUILDING

1. Lift to position the assembled Frame into the rough opening.
  - a. To prevent electrical interference for the 120 VAC Line, always route 120 VAC Power through the Header Endcap that is opposite to the controller and motor/operator.
2. 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.

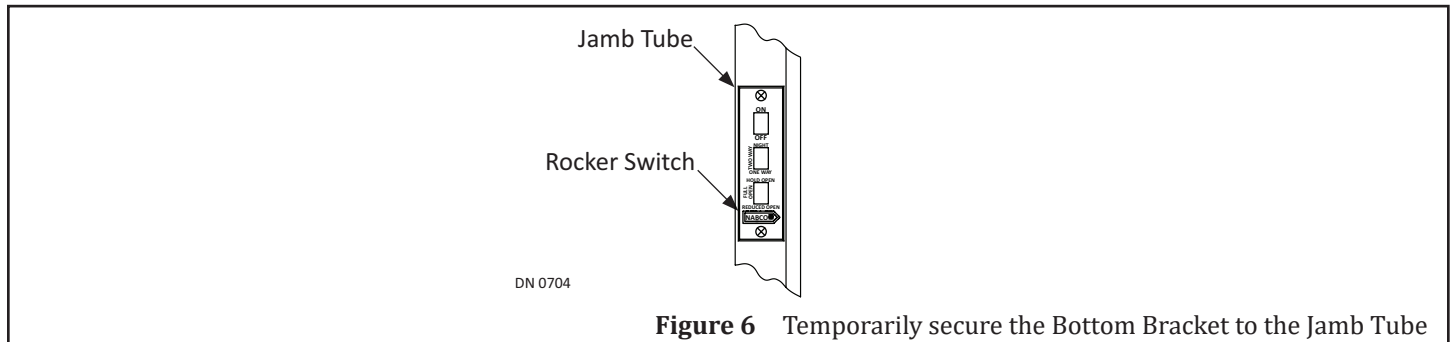


3. For detailed anchoring information, please refer to NOA documents that have been packed with this manual - or- refer to <https://www.nabcoentrances.com>:
  - Impact Fixed Sidelite (NAB001)
  - Non-Impact Fixed Sidelite (NAB002)
  - Impact Full Open (NAB003)
  - Non-Impact Full Open (NAB004)

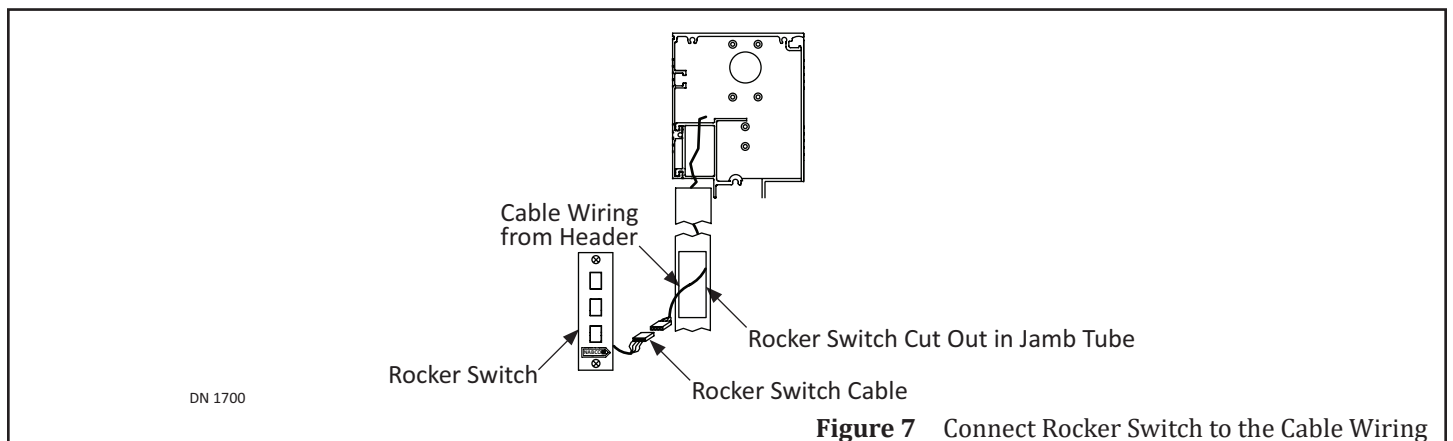


## CHAPTER 8: WIRE THE ROCKER SWITCH

1. Remove the Rocker Switch and (2) screws from the Jamb Tube.



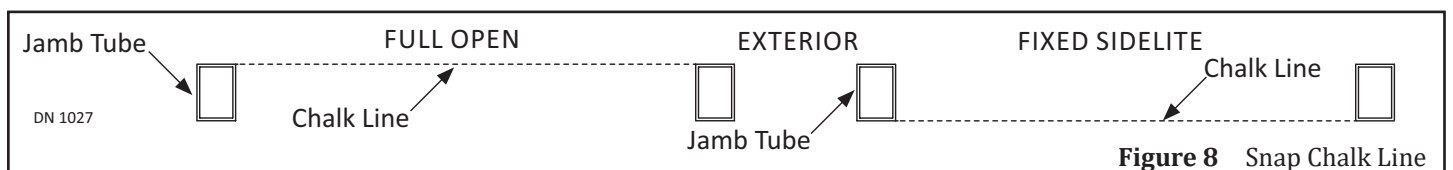
2. There is approximately (2) feet of Cable Wiring connected to the Main Harness inside the Header. Withdraw the Cable Wiring through a hole at the bottom Lip of Header. Continue to route the Cable Wiring through the top of Jamb Tube, then down to where the Rocker Switch was removed.
3. Pull the Cable 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.



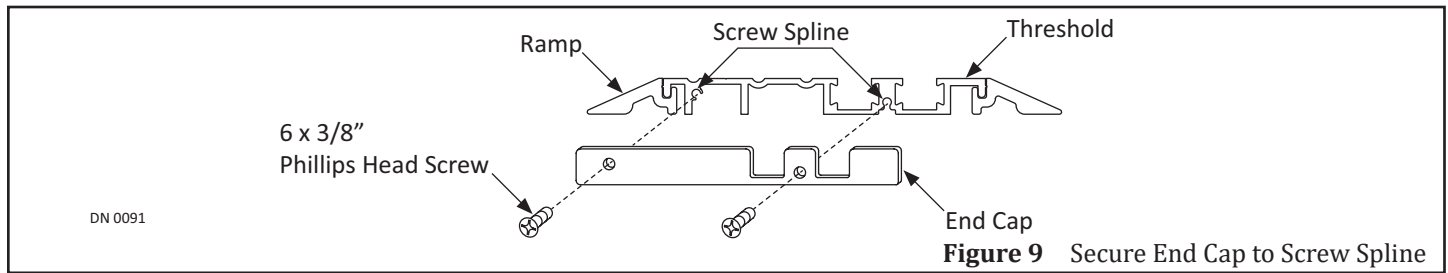
## CHAPTER 9: INSTALL THE THRESHOLD

**Attention:** Lay down Threshold so the Channels are located on the side of Slide Door

- Requesting Filler Inserts and Threshold Bumpers to be installed at the NABCO Factory is optional. To order Filler Inserts and/or Threshold Bumpers, please contact customer service at (877) 622-2694.
  - For Single Slide Doors, (1) piece of threshold is shipped. For Full Open Slide Doors, (2) pieces of threshold are shipped.
1. With a 3/16 inch masonry drill bit, drill through the Threshold and into the floor no less than 1-1/2 inch deep; in compliance with Dade County Hurricane specifications for fastening the threshold, as specified on the drawings packed within the Decal Packet P/N NAB001, NAB002, NAB003 or NAB004.
  2. On the same side of Door Frame where the Sidelite will be installed, snap a chalk line on the floor from Jamb to Jamb.



3. Secure (1) End Cap to each screw spline (exposed end of the Threshold) with (2) 6 x 3/8 inch Phillips Head screws.
  - a. Use a 1/8 inch diameter drill bit to make the screw spline bigger if the Threshold End Cap can not be properly secured with the screws provided.



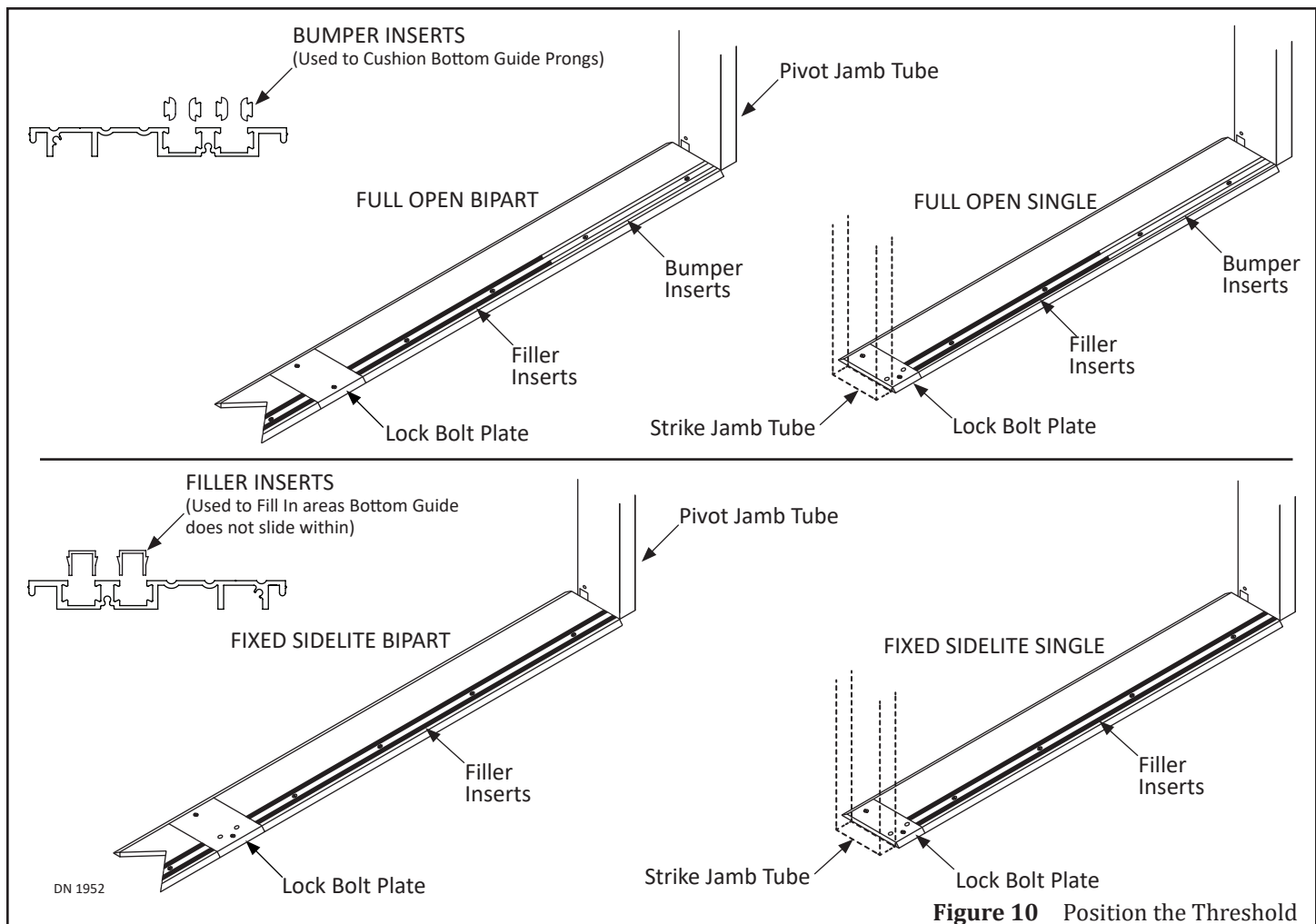
#### 4. Lay down the Threshold:

##### ► Single Slide Doors

1. Go to the Strike side of Door Frame.
2. Butt the Bolt Lock Plate to the Strike Jamb Tube.
  - a. Ensure the side of Bolt Lock Plate with (3) screw holes is on the same side the Slide Door will be installed.
3. Secure the Bolt Lock Plate to the Floor.
4. Lay down the Threshold between the Bolt Lock Plate and the Pivot Jamb Tube.
  - a. Threshold must be laid down so the Channels are located on the side of Slide Door.

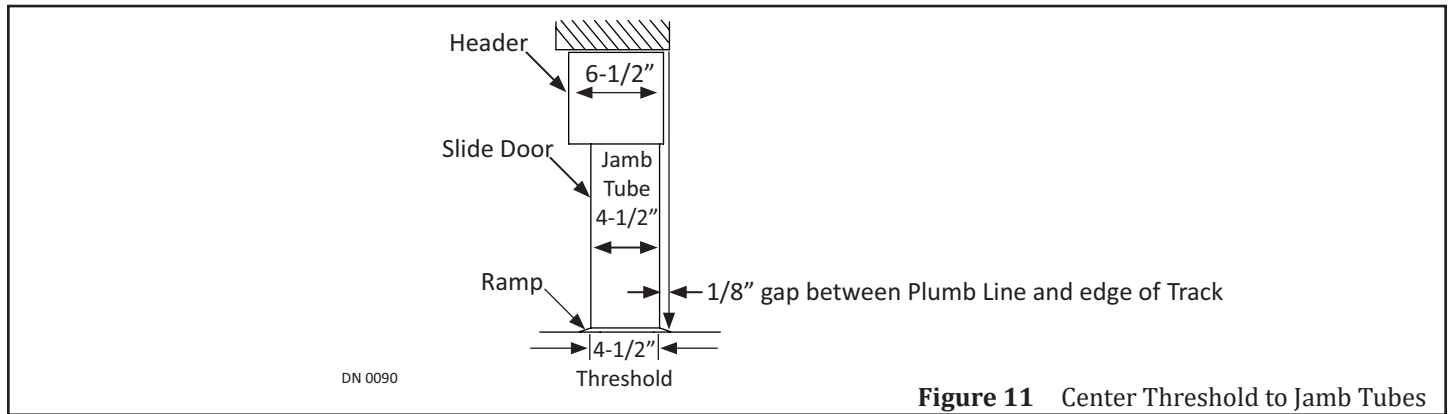
##### ► Bi-Part Doors

1. Go to the center of the Door Frame.
2. Install the Bolt Lock Plate between both Strike Stiles (on the Slide Doors).
3. Lay down the Threshold on either side of the Bolt Lock Plate and Jamb Tubes.
  - a. Threshold must be laid down so the Channels are located on the side of Slide Door.

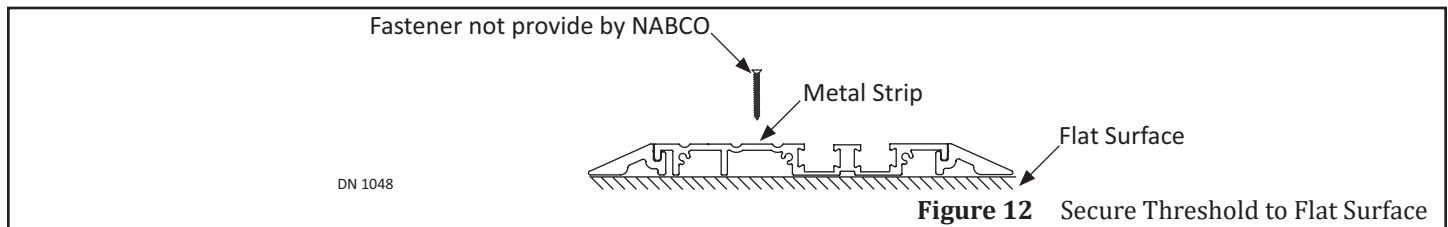


5. Ensure the Threshold is centered to Jamb Tubes, and the full length is flush with the chalk line.
  - a. Check Threshold location with Plumb Bob from the Header. It should be  $\frac{1}{8}$ " inset from the Header.

**Attention: Do Not center Threshold to Header. Doing so will cause misalignment.**



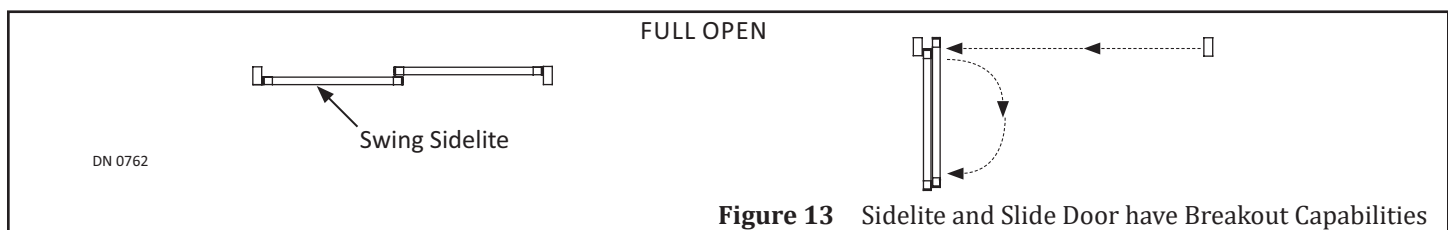
6. Apply caulking bead under the Threshold.
7. Secure the track to the floor using  $\frac{1}{4}$ " x 2-3/4" ITW Buildex PFH Tapcons with a minimum of 1-3/4" embedment in 3500 psi concrete. Fasteners not provided by NABCO.



## SECTION 9.1: 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.

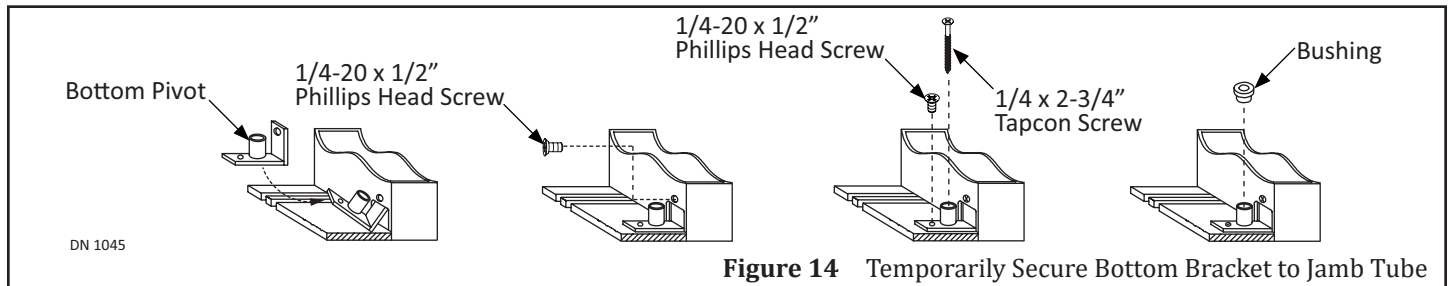
## CHAPTER 10: INSTALL THE FULL OPEN SIDELITE



## SECTION 10.1: Install the Bottom Pivot

1. Go to the bottom of the Pivot Jamb Tube. Insert the Bottom Pivot into the hole.
2. Secure the Bottom Pivot to the Pivot Jamb Tube with (1)  $\frac{1}{4}$ -20 x  $\frac{1}{2}$  inch Phillips Head screw.
3. Go to the screw hole located in front of the Barrel.

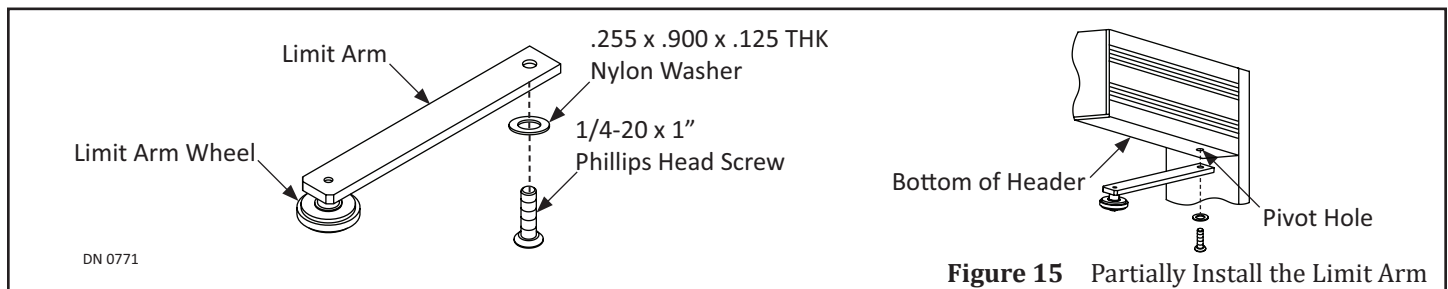
4. Secure the Floor Pivot to the Threshold with (1) 1/4-20 x 1/2 inch Phillips Head Screw.
5. Insert (1) 1/4 x 2-3/4 inch Phillips Head Screw inside the Barrel. Tighten.
6. Cap the Barrel with (1) Bushing.



**Figure 14** Temporarily Secure Bottom Bracket to Jamb Tube

## SECTION 10.2: Partially Install the Limit Arm

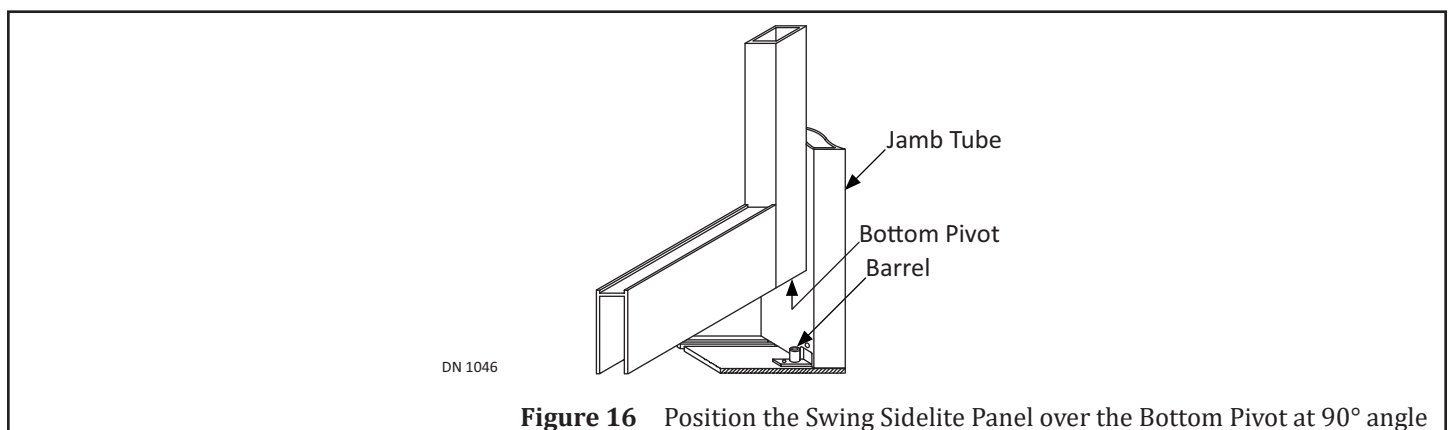
1. Slide (1) .255 ID x .900 OD x .125 THK Nylon Washer onto (1) 1/4-20 x 1 inch Phillips Head Screw.
2. Go underneath the Limit Arm. Insert the Washer and Screw up into the screw hole.
3. Go to the pre-drilled screw hole located at the bottom of Header (on the Pivot Side of Sidelite).
4. Secure the Limit Arm to the Header by tightening the Screw.
  - a. Loosely tighten (just enough to keep the Screw assembly from falling out of the hole).
  - b. Limit Arm installation is completed after the Swing Sidelite is fully installed.



**Figure 15** Partially Install the Limit Arm

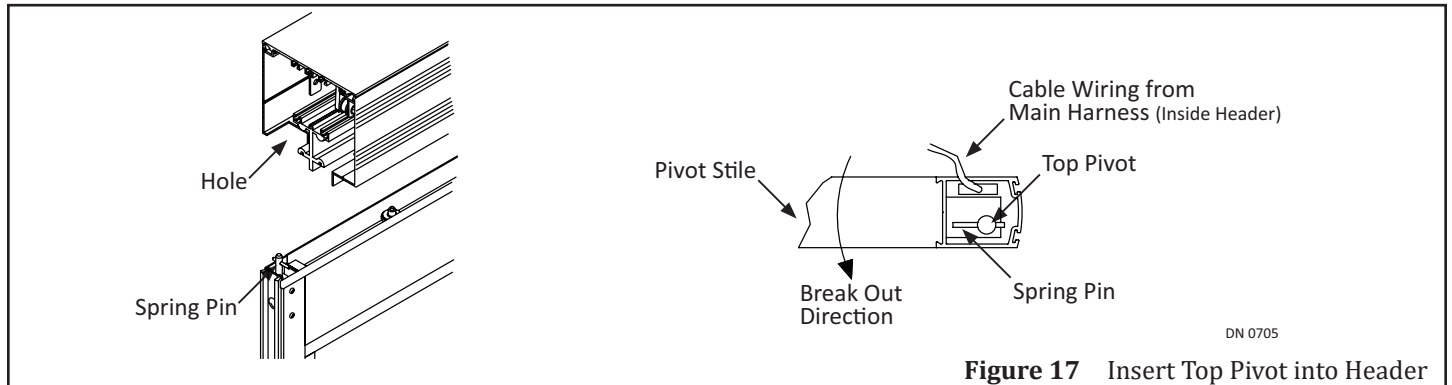
## SECTION 10.3: Install the Full Open Sidelite onto the Upper Pivot and Bottom Pivot

1. Locate the Bottom Pivot inside the Pivot Stile (at the bottom). Insert the Bottom Pivot into the Floor Pivot Barrel.



**Figure 16** Position the Swing Sidelite Panel over the Bottom Pivot at 90° angle

2. Go to the Top Pivot that is pre-installed inside the Pivot Stile. Push the Top Pivot down by pressing on the Spring Pin.
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.



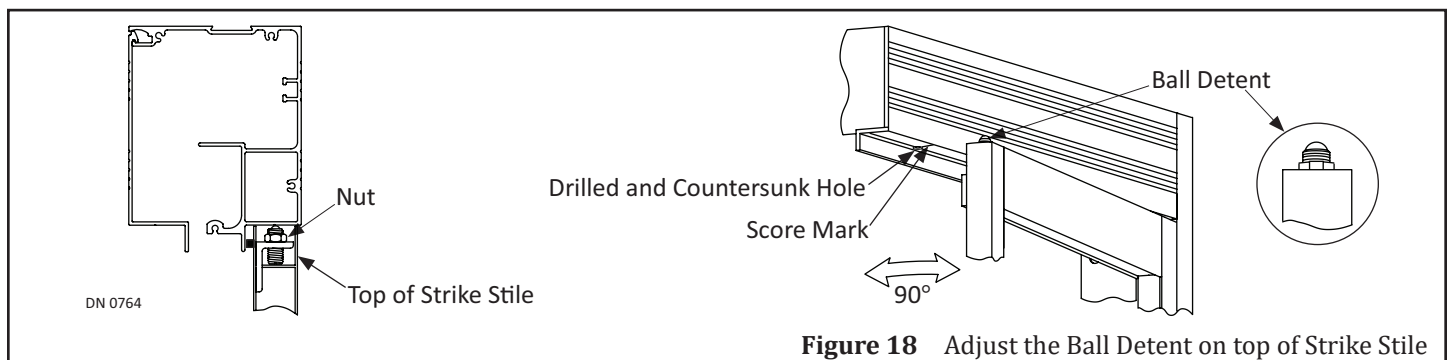
#### SECTION 10.4: Complete Installation of the Limit Arm

1. Swing open the Swing Sidelite 90 degrees. Align and then rest the Limit Arm inside the Top Rail.
2. Open the Swing Sidelite all the way. Tighten (1) 1/4-20 x 1 inch Phillips Head screw to secure the Limit Arm to the Header.

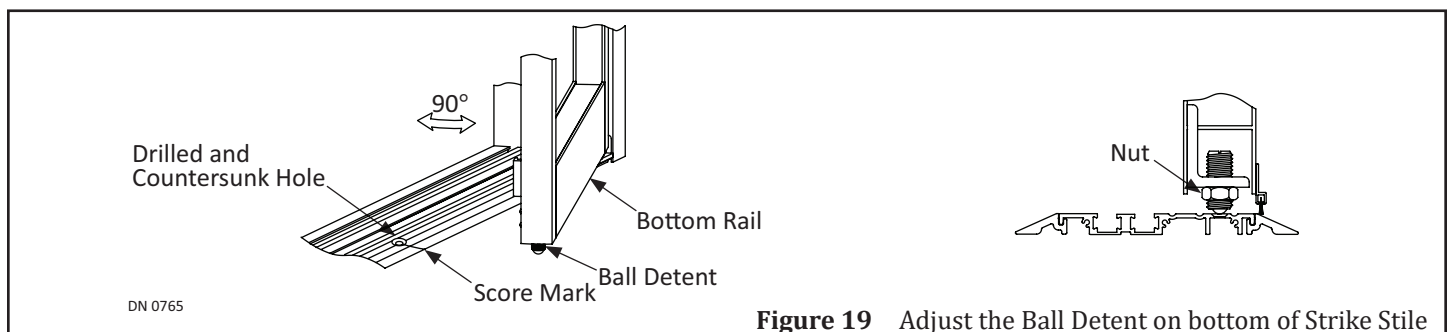
#### SECTION 10.5: Adjust the Ball Detents

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

1. Go to the top of the 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 of Header.
2. Open and close the Swing Door several times to score the surface on the Bottom of Header locate and mark where the Score intersects the center groove.
3. With a 1/4 inch drill bit, drill a screw hole through the Bottom of Header. Countersink the screw hole 3/8 inch x 82°.

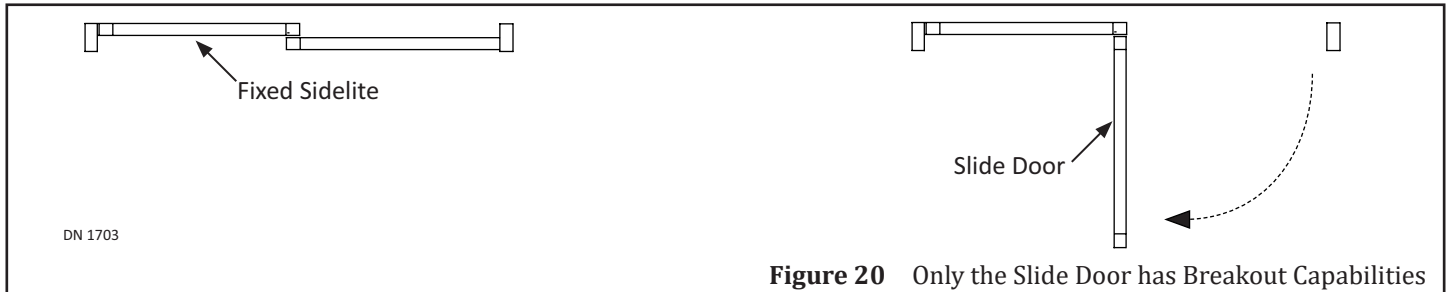


4. Go to the bottom of the Strike Stile. With a 15/16" Open End wrench, loosen the Nut to raise or lower the Ball Detent so it has light contact with the Threshold.
5. Open and close the Swing Door several times to score the surface on the Threshold. Locate and mark where the Score intersects the center 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). Countersink the screw hole to be 1/4 inch x 82°.



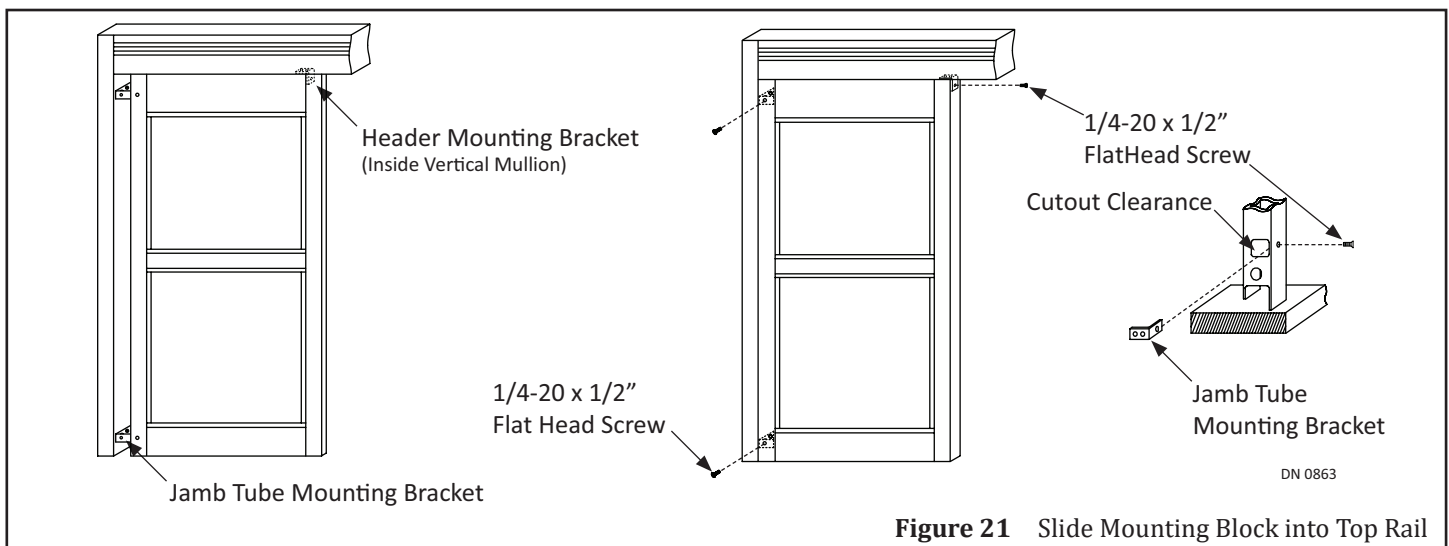
7. Close and then break open the Swing door to test fit for both Ball Detents.
  - a. To adjust the fit, increase the size of the hole and countersink.
  - b. Do Not over-drill the hole. If hole is over drilled the Threshold will need to be replaced.
  - c. For additional travel remove the Ball Detent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

## CHAPTER 11: INSTALL THE FIXED SIDELITE

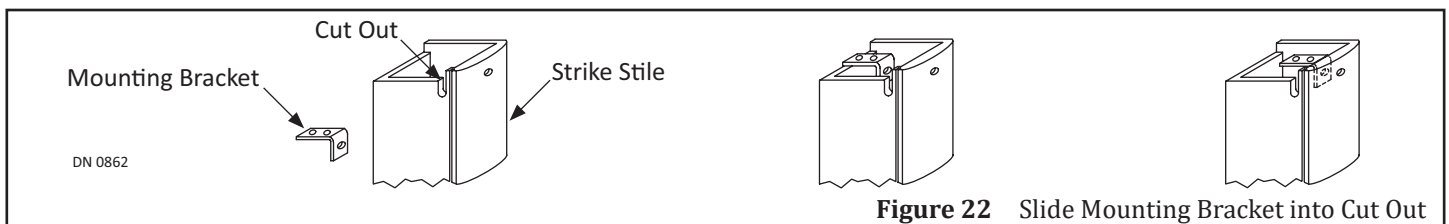


### SECTION 11.1: Secure the Fixed Sidelite to the Door Frame

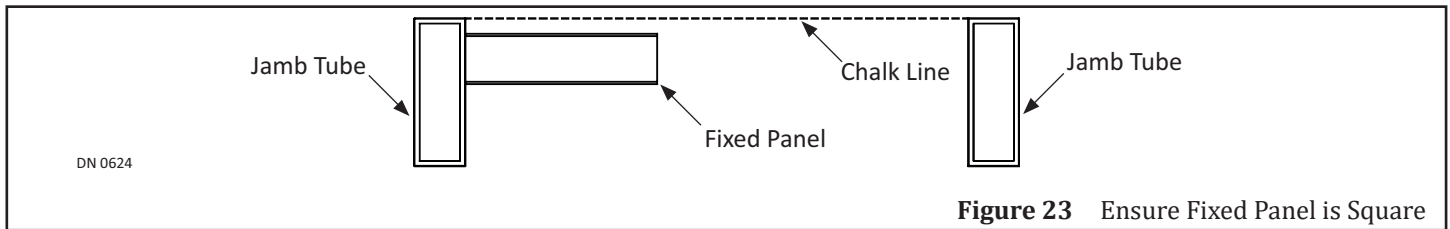
1. Locate (2) Cut Outs on the side of the Pivot Stile. Align and then slide the Fixed Sidelite until (2) Mounting Brackets (pre-installed on the Pivot Jamb Tube) can be seated inside each Cut Out.
2. Slide the Fixed Sidelite towards the Interior of the Building until both Mounting Brackets butt up against the inside wall of the Pivot Stile.



3. Locate (1) cut out at the top of Strike Stile. Align and then slide the Fixed Sidelite until (1) mounting bracket (pre-installed under the Bottom Lip of Header) can be seated inside the Cut Out.

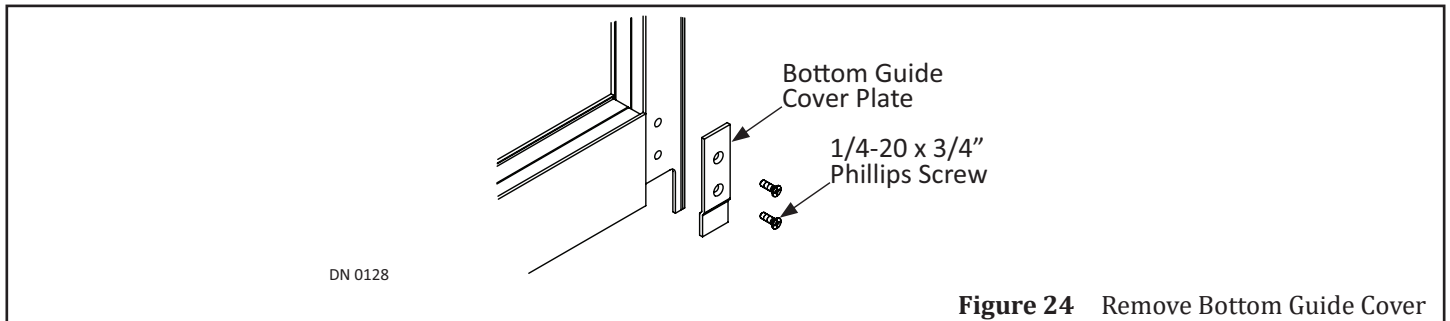


4. Snap a chalk line between Jamb Tubes in front of Sidelite Panel. If the Sidelite Panel runs parallel to chalk line, it is square.
5. Secure the Fixed Sidelite Panel to all (3) Mounting Brackets with 1/4-20 x 1/2 inch Flat Head Screws.

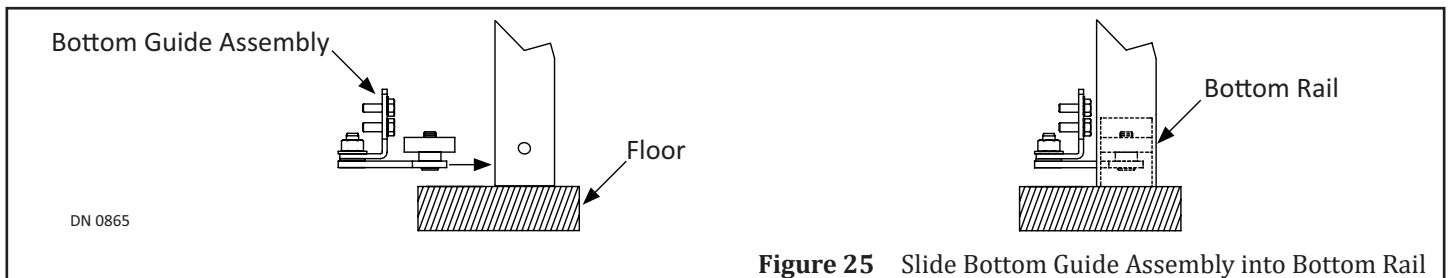
**Figure 23** Ensure Fixed Panel is Square

## SECTION 11.2: Install the Bottom Guide inside Fixed Sidelite

1. Go to the bottom of Strike Stile. Remove the Bottom Guide Cover Plate.

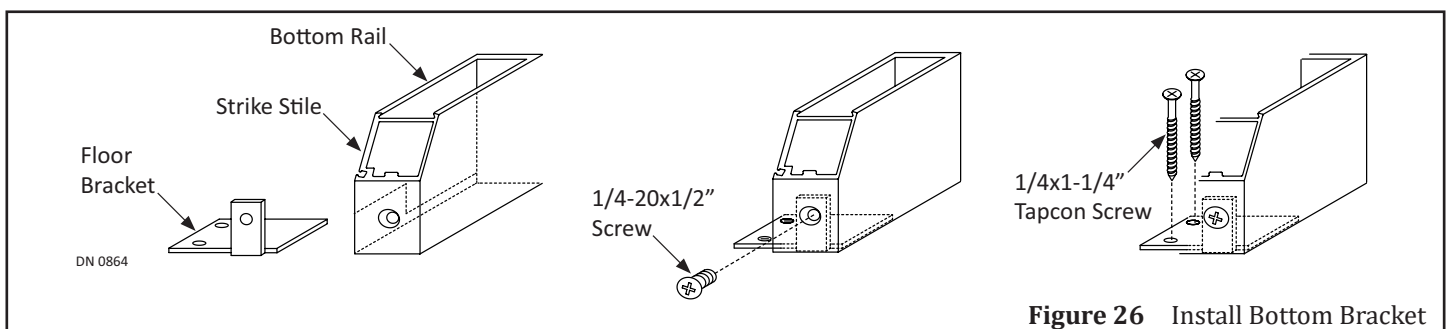
**Figure 24** Remove Bottom Guide Cover

2. Install the Bottom Guide Double Roller Assembly by sliding (2) rollers into the Bottom Rail so the Bracket sticks out from underneath (in direction of where the Slide door is to be installed).
3. Use the Bracket to slide the Bottom Guide Double Roller Assembly towards the Pivot Stile.
4. Replace the Cover Plate.

**Figure 25** Slide Bottom Guide Assembly into Bottom Rail

## SECTION 11.3: Install the Floor Bracket

1. Go to the bottom of the Strike Stile. Insert the Floor Bracket inside the Bottom Rail so the bottom plate portion sticks out from underneath (in direction of where the Slide door is to be installed).
2. Close the Slide Door. Adjust the Fixed Panel for weathering gap. Adjust the Slide Door for racking and plumb to Strike Jamb.
3. Secure the upper plate portion of the Floor Bracket to the side of Strike Stile with (1) 1/4-20 x 1/2 inch Phillips Head screw.
4. Use the Floor Bracket as a template to drill (2) screw holes for #14 x 1-1/4 inch Flathead Tapcon screws.
5. Secure the Floor Bracket to the floor with (2) #14 x 1-1/4 inch Flathead Tapcon screws. Replace the Cover Plate.

**Figure 26** Install Bottom Bracket

## CHAPTER 12: INSTALL THE SLIDE DOOR

### SECTION 12.1: Secure Slide Door to Belt Clips

#### CAUTION

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

1. Cover the Sidelite Panel with cardboard on the side that will face the Slide door.

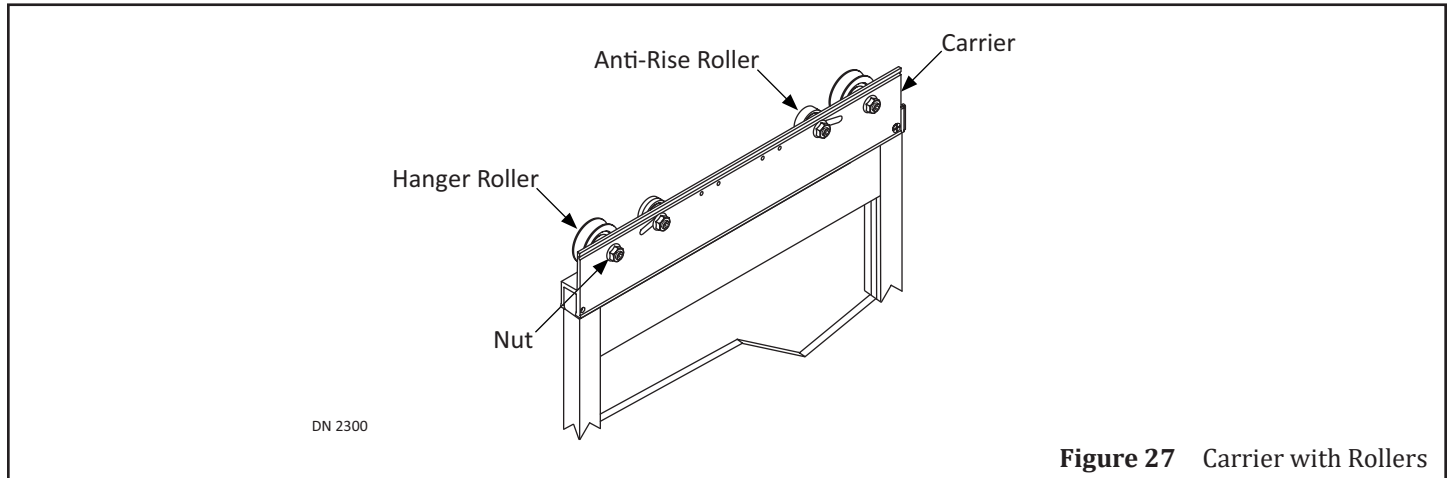


Figure 27 Carrier with Rollers

#### CAUTION

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

2. Go to the Carrier on top of Slide Door. Loosen (1) 7/16-20 Whiz Lock Nut on each Roller by inserting (1) 7/32" Allen wrench into the exposed end of a Roller Axle. Hold the 7/32 inch Allen wrench in place to keep the Roller Axle stationary. At the same time, loosen (1) 7/16-20 Whiz Lock nut with a 15/16 inch Open End Wrench.
3. To make it easier for rollers to "catch onto the track", slightly tilt and lift the Slide Door into the Header, and onto the Track

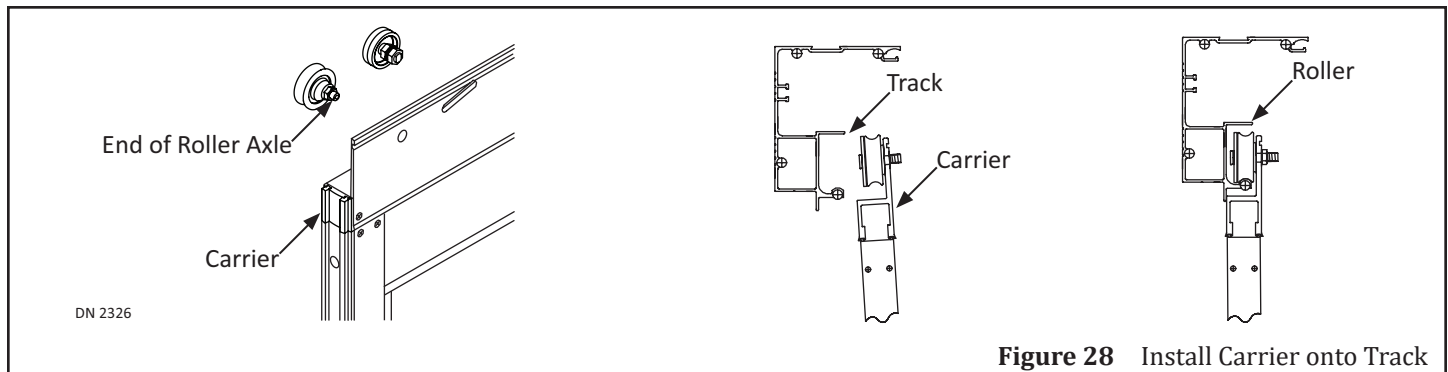


Figure 28 Install Carrier onto Track

4. Secure the Belt Clip to the Carrier with (2) 1/4-20 x 3/4 inch Screws.

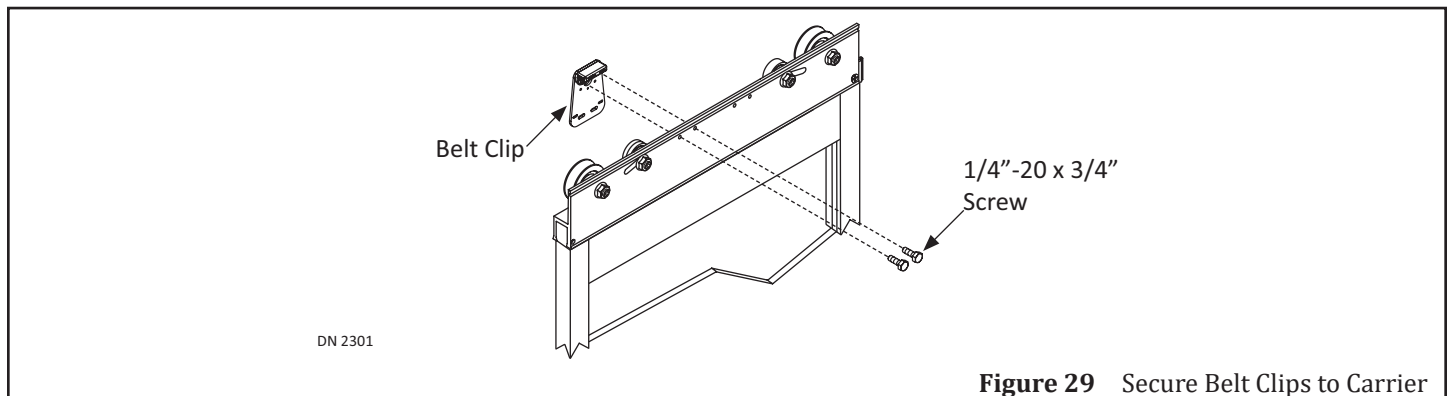


Figure 29 Secure Belt Clips to Carrier



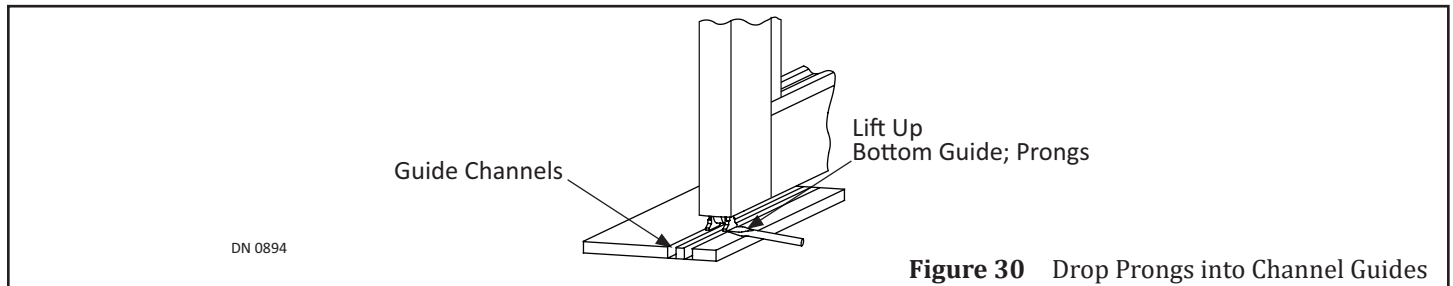
## SECTION 12.2: Install Bottom Guide to Slide Door

**Notice:** Please refer to the following manuals that have been packed within the Decal Packet:

- ▶ **Impact Fixed Sidelite (NAB001)**    ▶ **Non-Impact Fixed Sidelite (NAB002)**
- ▶ **Impact Full Open (NAB003)**    ▶ **Non-Impact Full Open (NAB004)**

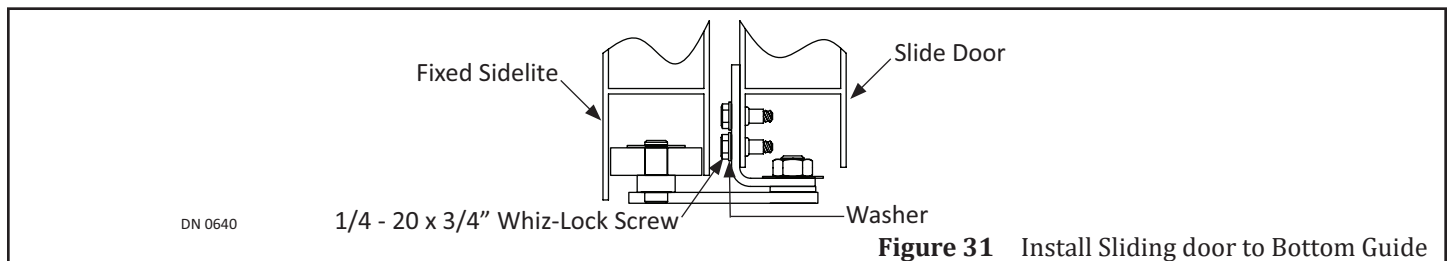
### 12.2.1 Insert Bottom Guide into (Full Open Slide Door) Threshold

1. Locate the Bottom Guide that was pre-installed inside the Pivot Stile located on the Slide Door.
2. Lift up the Prongs until the Bottom Guide is directly above the Guide Channels. Drop the Prongs into the Guide Channels.



### 12.2.2 Secure Bottom Guide to the Fixed Slide Door

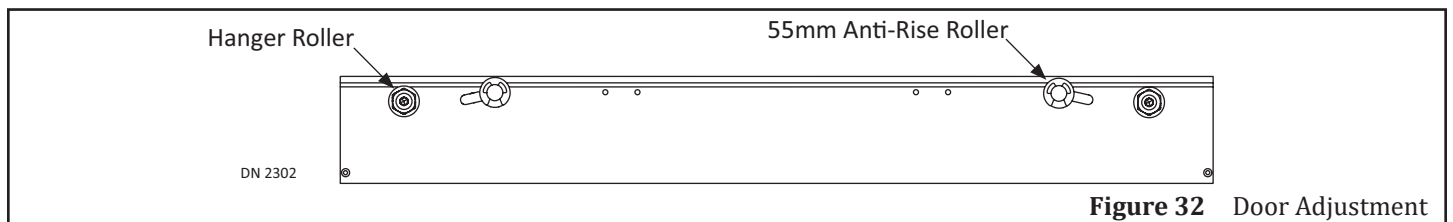
1. Go to the Bottom Rail on the Fixed Sidelite. Locate the Bracket that should be sticking out from underneath.
2. Slide the Pivot Stile (on Slide Door) onto the Bracket.
3. Support the weight of the Fixed Sidelite. Breakout the Slide door to Full Open position.
4. Secure the Bracket to the Pivot Stile with (2) 1/4 - 20 x 3/4 inch Whiz-Lock screws



## SECTION 12.3: Adjust Rollers

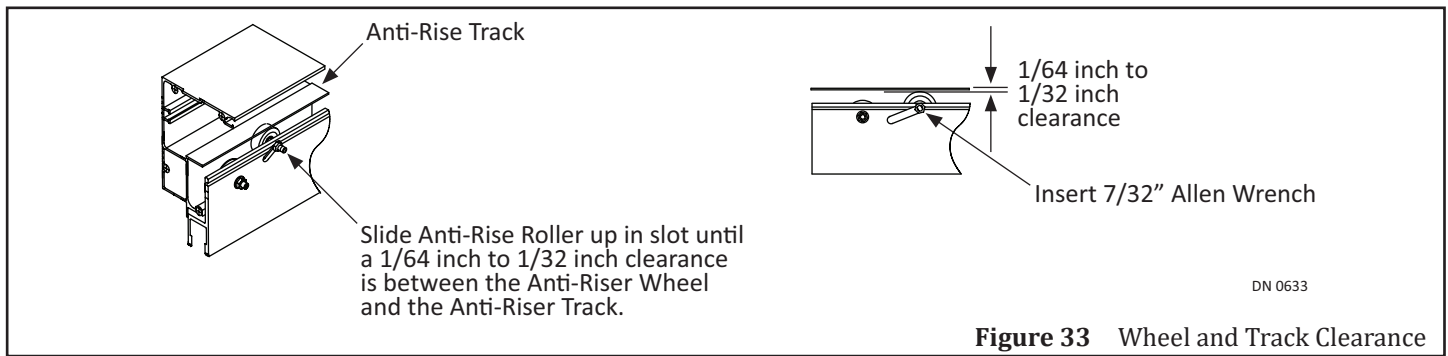
### 12.3.1 Hanger Rollers

1. Raise or lower the Slide door by turning the Axle on the Hanger Roller clockwise with a 15/16" Open End Wrench.
  - a. The appropriate gap between the Bottom Rail and floor is between 11/16 inch to 15/16 inch; with the nominal gap being 7/8 inch.
2. Ensure the Leading Edge of the Slide door and Header are parallel.



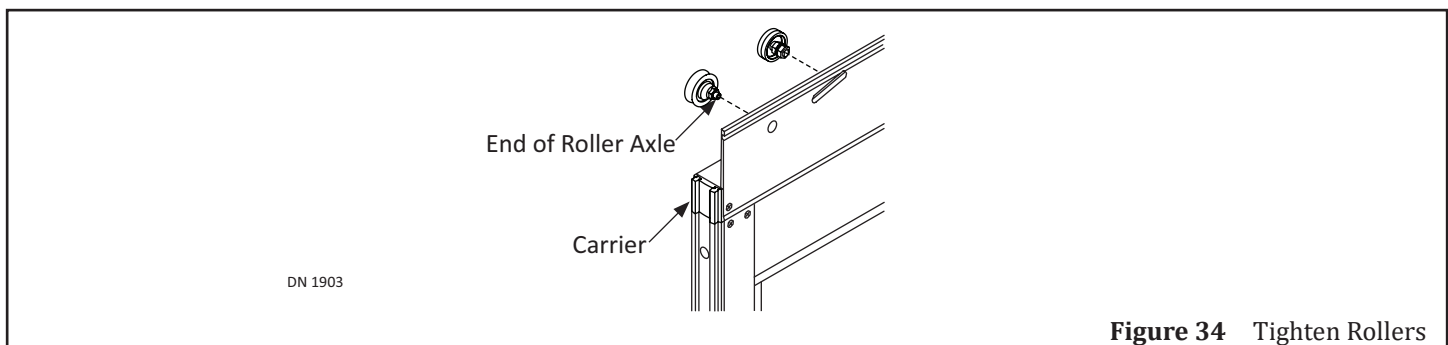
### 12.3.2 Anti Rise Rollers

1. Loosen (2) Anti-Rise Rollers located towards the middle of the Carrier.
2. Slide the Anti-Rise Roller up or down within the slot until there is 1/64 inch to 1/32 inch gap between the Roller Wheel and the Top Track. The Gap should be about the same thickness as a credit card.



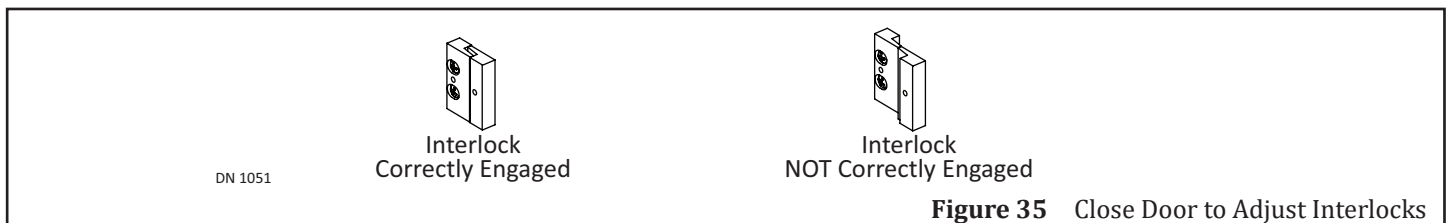
### 12.3.3 Tighten Rollers

1. Hold the 7/32 inch Allen wrench in place to keep the Roller Axle stationary. At the same time, tighten each (1) 7/16-20 Whiz Lock nut with a 15/16 inch Open End Wrench.



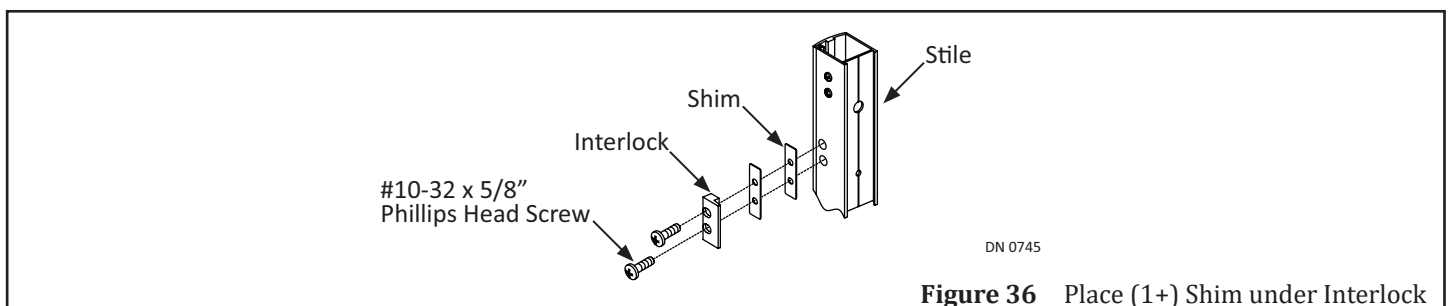
## SECTION 12.4: Adjust the Interlocks

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.



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.

## CHAPTER 13: 110 VAC GENERAL WIRING

### **DANGER**

Read and understand the “OPUS Control Setup and Programming Manual” P/N 15-9000; and the “Electrical Installation Manual OPUS Control” P/N 15-10596-30 before attempting to powerup the GT1175 Slide Door. Failure to do so may result in damage to the Slide door and/or injury to the installer and will nullify all warranties.

### **DANGER**

Disconnect 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.

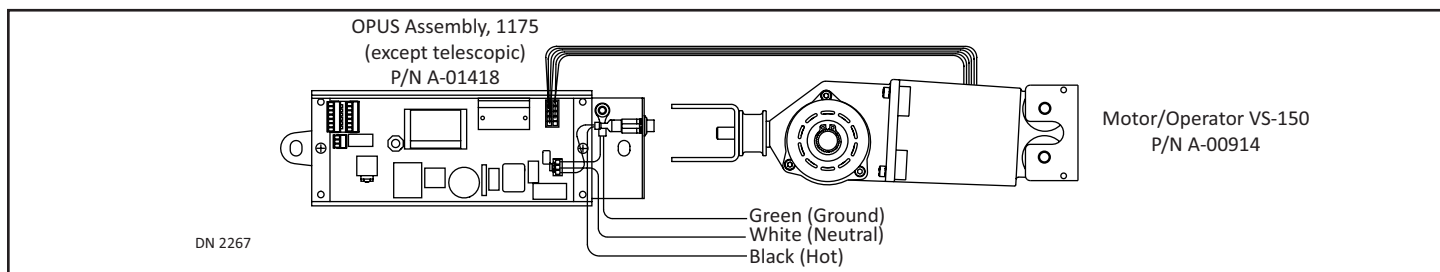
**Notice:** Wiring must meet all local, state, federal or other governing agency codes.

**Attention:** Electrical circuit to Nabco operator must not be shared with other equipment such as lighting, cash registers, or any device that might cause electrical interference on the circuit.

1. Ensure all power is disconnected at the Junction box and the 1175 Slide Door.
2. Determine correct supply voltage is 115 VAC  $\pm$  10%.
3. Insert all incoming 120VAC power wires into the access hole located on Jamb Tube. It is recommended to house all wires into an Electrical Conduit.

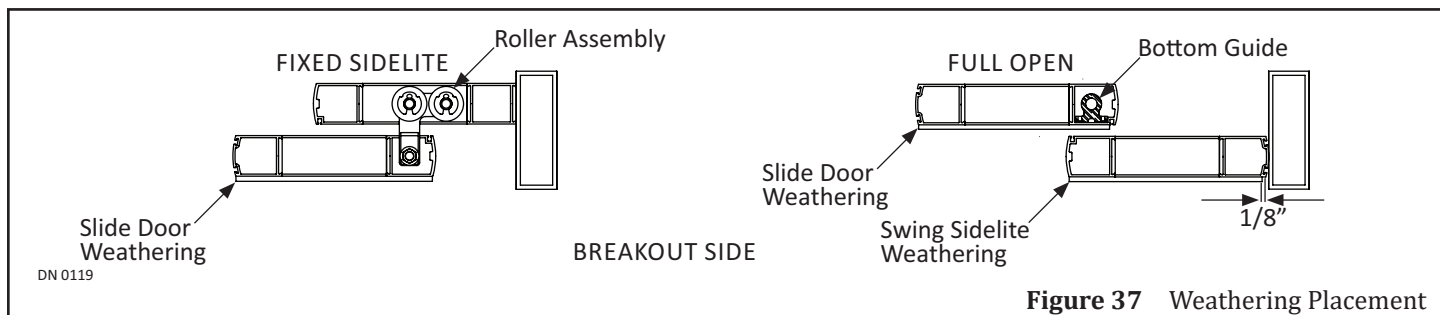
### **CAUTION**

Keep all incoming 120 VAC wiring separate from low voltage wiring within Header. Do not route 120 VAC wires near the OPUS Control and Motor/Operator.



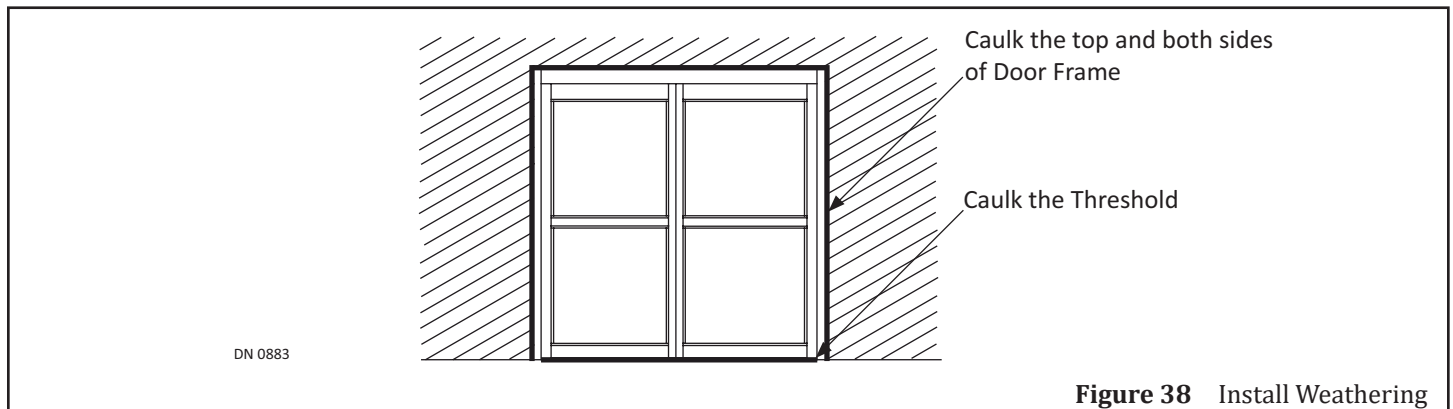
4. Go to the TB1 Port located on the Left side of the OPUS Control.
5. Insert the Incoming 120 VAC Black (HOT) wire into the Circuit marked “L”.
6. Insert the Incoming 120 VAC White (Neutral) wire into the Circuit marked “N”.
7. Insert Green (Grounding) wire into the Circuit marked “PE”.
8. Ensure the Slide door system is Grounded for safe and consistent operation.

## CHAPTER 14: INSTALL WEATHERING

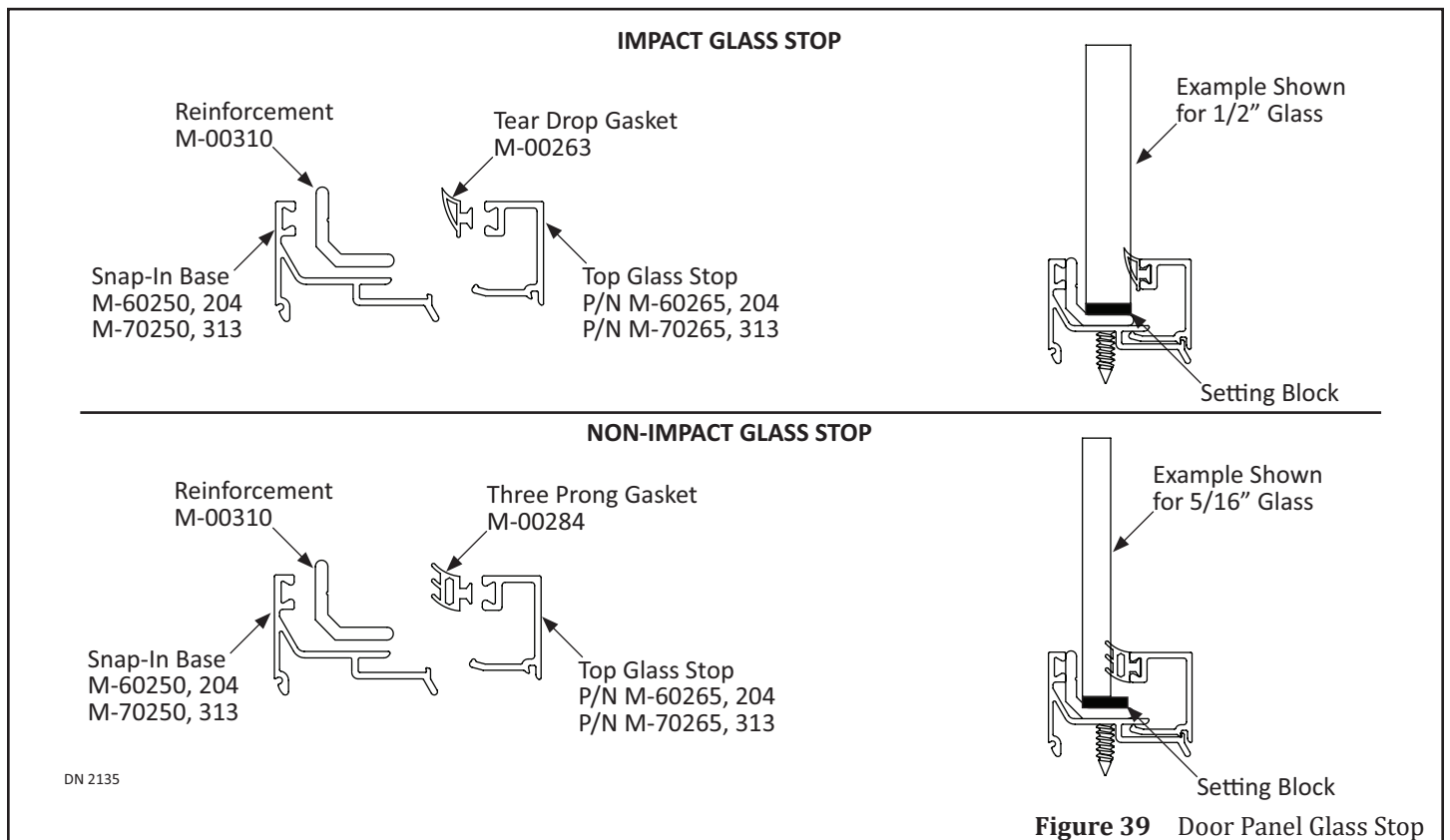


**Figure 37** Weathering Placement

1. Install Brush by sliding it into the Brush Holder:
  - Fixed Sidelite: Secure the Brush Holder against the Bottom Rail of Slide door with (3) #6 x 1/2 inch self tapping screws.
  - Full Open
    1. Secure the Brush Holder against the Bottom Rail of Swing Sidelite with (3) #6 x 1/2 inch self tapping screws.
      - a. It is recommended to leave at least a 1/8 inch gap between the Edge of the Pivot Stile and the Brush Holder, while allowing 1/8 inch Vinyl to extend past the Brush Holder so the gap is filled.
    2. Breakout the Swing Sidelite. Secure the Brush Holder against the Bottom Rail of Slide door with (3) #6 x 1/2 inch self tapping screws.
2. Ensure the entire Door Frame is properly secured to the Rough Opening.
3. Apply caulking bead between the Door Frame and Rough Opening (inside and outside).
4. Apply caulking bead to the Threshold at the bottom of Door Frame.



## CHAPTER 15: GLAZING



**CAUTION**

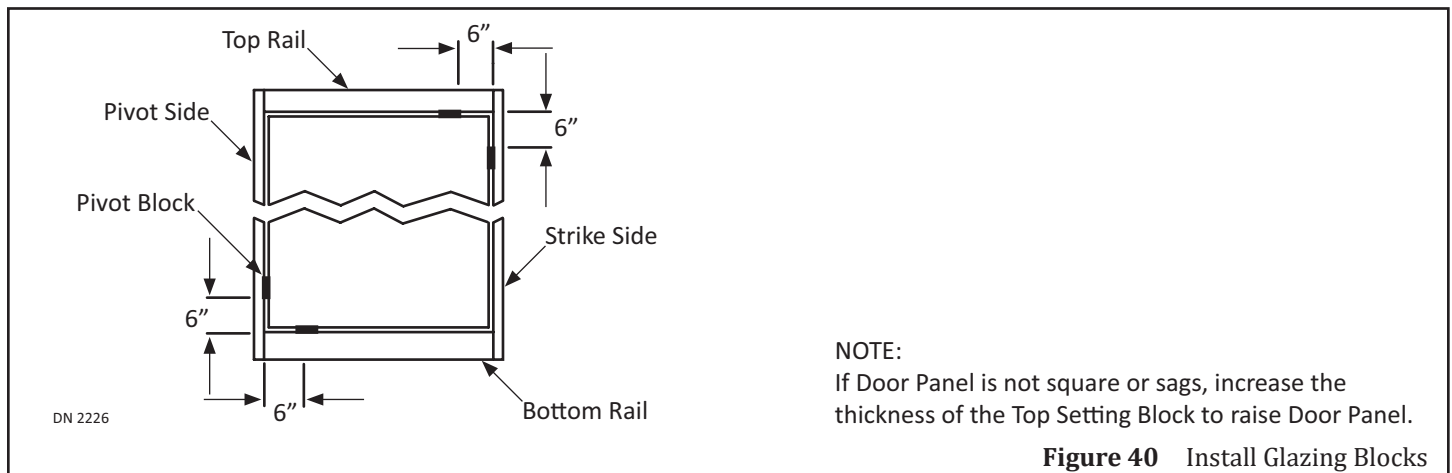
Use caution when moving and installing the glass panels. These panel are constructed with tempered glass. Any sharp objects that come in contact with the glass may cause the glass to craze. NABCO Entrances, Inc. is not responsible for broken glass.

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

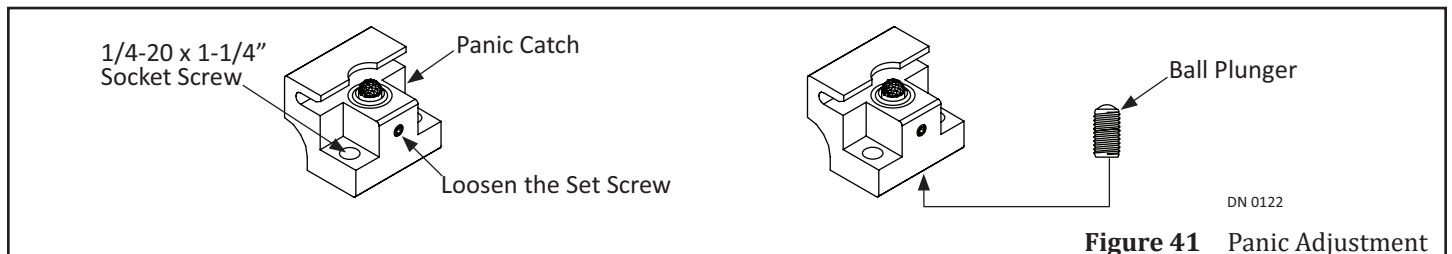
**SECTION 13.1: Door Panel**

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

1. Ensure the Base Glass Stop (Pre-installed at the NABCO Factory) is free of debris and/or sharp objects.
2. Go to the STRIKE side of panel at the TOP.
  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. Increase thickness of a Setting Block (not provided by NABCO), to raise Door Panels that are not square or sag at lead edge.

**CHAPTER 16: ADJUSTMENTS****SECTION 15.1: Adjust the Ball Plunger**

1. Breakout the Slide door. Go inside the Top Rail (closest to the Strike Stile). Remove the Panic Catch Assembly.

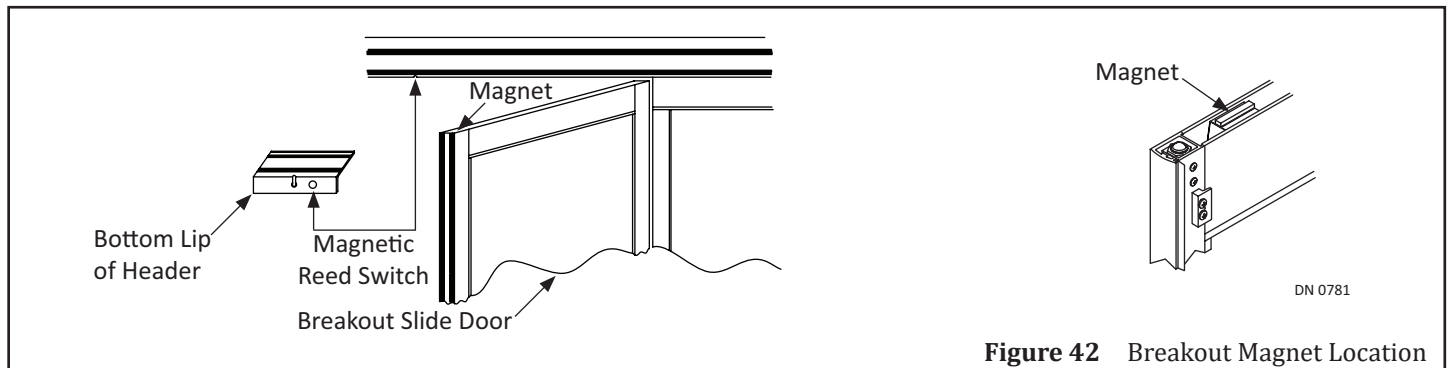


2. Loosen the Set screw that is located in front of the Panic Catch.

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 15.2: Adjust the Breakout Magnet

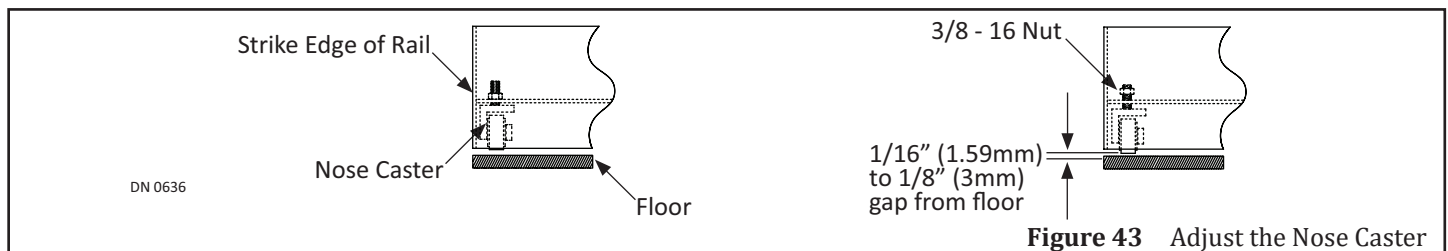
1. The Magnet is secured to the Limit Arm Bracket that can slide to the Left and Right. Slide the Breakout Magnet to the Left or to the Right until it is aligned with the Magnetic Reed Switch.
  - a. The Magnetic Reed Switch is a 3/8 inch diameter black circle located on the Bottom Lip of Header.



**Figure 42** Breakout Magnet Location

## SECTION 15.3: Units 54 Inches Wide (or greater) and/or over 200 Pounds

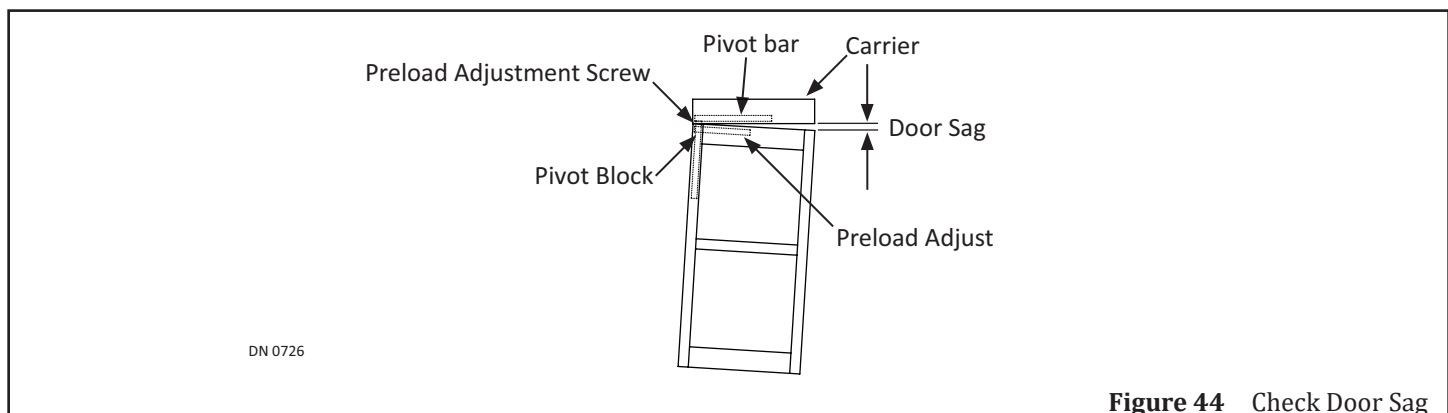
1. Go to the Bottom Rail. Remove (1) End Cap.
2. Break Open the Slide door. Locate the Nose Caster that was pre-installed within the Strike Stile.
3. Loosen the #8-32 Set Screw. Position the Wheel so it is perpendicular to the Bottom Rail. Retighten the #8-32 Set Screw.
4. Fully close the Slide door. Ensure the Nose Caster does not hit or scrape the floor. Reinstall the End Cap.



**Figure 43** Adjust the Nose Caster

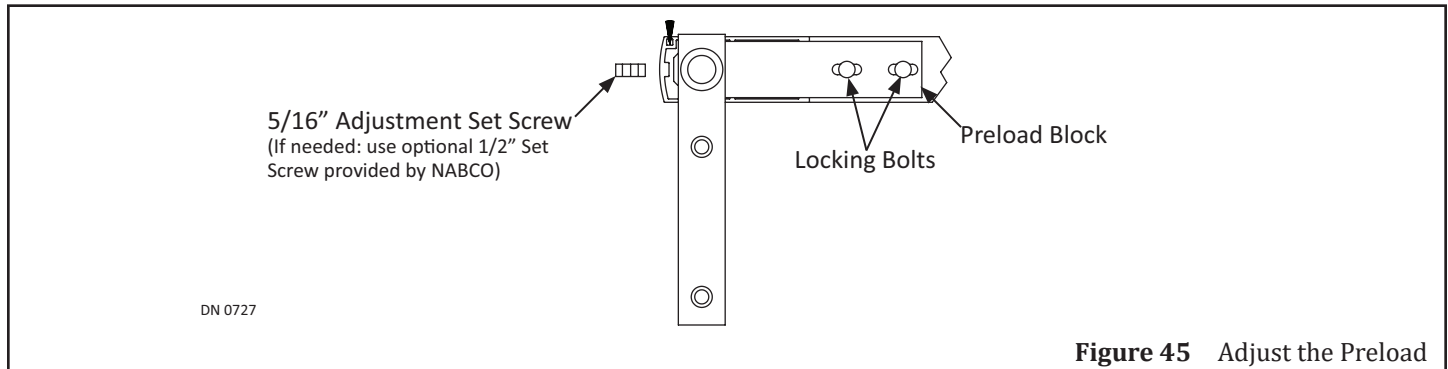
## SECTION 15.4: Adjust Preload

1. Support the weight of Slide Door, then Breakout Slide door approximately 5 degrees (just enough to expose the Preload Adjustment Screw located on back edge of door). Do not let Slide door push up against any other Door Panel.
2. Check for door sag. The Slide door should latch without having to be manually lifted.



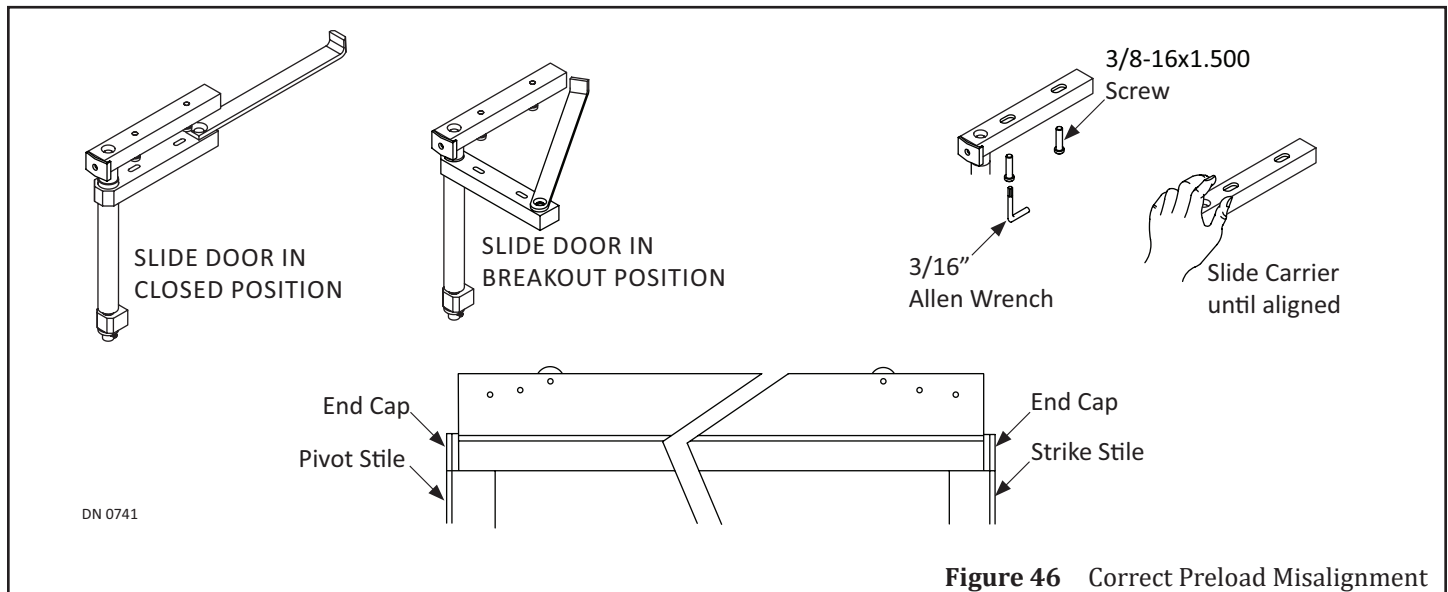
**Figure 44** Check Door Sag

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. If deemed necessary, substitute the 5/8 inch Set Screw with the optional 1/2 inch Set Screw supplied by NABCO.

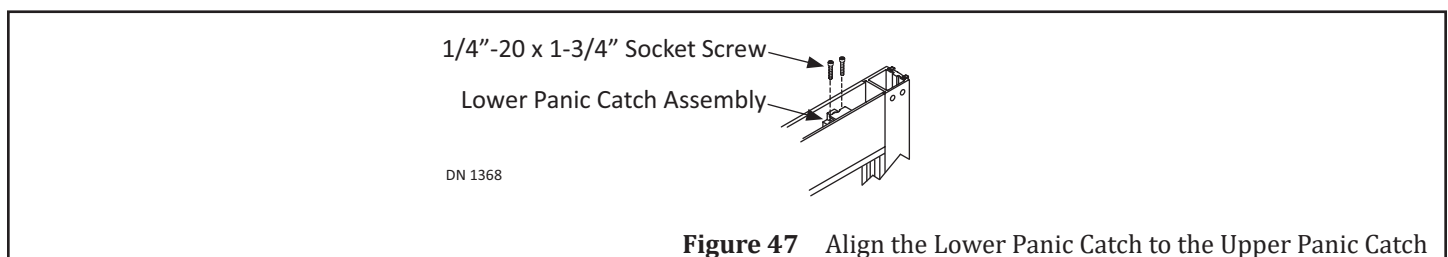
**Figure 45** Adjust the Preload

### SECTION 15.5: Correct Preload Misalignment

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.

**Figure 46** Correct Preload Misalignment

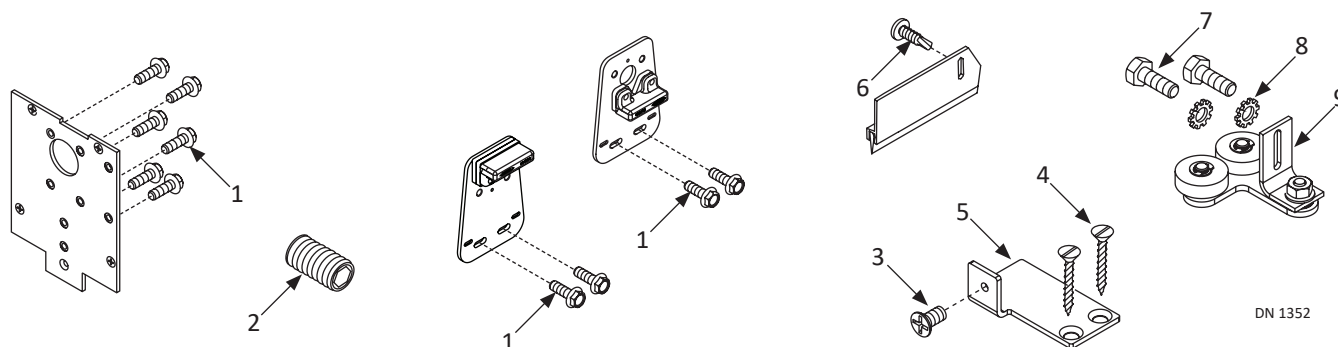
5. Verify that the Lower Panic Catch inside the Door Web is still aligned to the Upper Panic Catch inside the Carrier. If an adjustment is necessary:
  1. Go to the Lower Panic Catch. Loosen (2) 1/4-20 X 1-1/4 inch Socket Screws used to secure the Lower Panic Catch to the Door Web.
  2. Slide the Lower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

**Figure 47** Align the Lower Panic Catch to the Upper Panic Catch

## CHAPTER 17: 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.

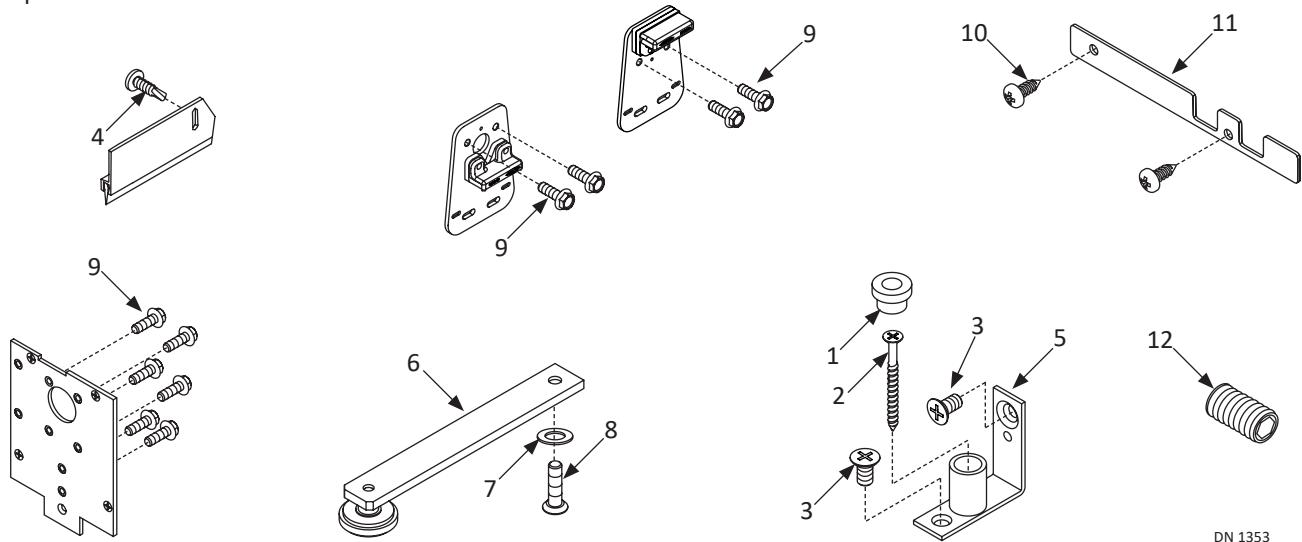


**SERVICE PARTS: LH KIT P/N M-01256; RH KIT P/N M-01253****Fixed Sidelite****Fixed Sidelite 1175 Parts Kit: LH P/N M-01256 and RH P/N M-01253**

Item	Part	Note	Description	QTY	Used To
1	T-00010		HHCS,1/4-20x0.750L.,WHIZLOCK,ZINC	2	Secure Belt Bracket to Carrier on top of Slide Door
				12	Secure Header to Jamb Tubes
2	T-00261		SHSS,5/16-24x0.500L.,CUP PT.	1	Adjust PreLoad on Slide Door (at top of Strike Stile)
3	T-00055	Zinc	FHMS,1/4-20x0.500L.,PHIL,ZINC	1	Secure Floor Bracket (M-00717) to Strike Stile
	T-00057	Black Zinc	FHMS,1/4-20x0.500L.,PHIL,BLK ZN		
4	T-00062		FHSMS,1/4x1.250L.,PHIL,TAPCON,BLUE	2	Secure Floor Bracket (M-00717) to Floor
5	M-00717		FLOOR BRKT, RHFS	2	Secure Fixed Sidelite to Floor
	M-00710		BRACKET,FLOOR, LHFS		
6	T-00222	Zinc	PHSMS,6x0.500L.,PHIL,TEKS,ZINC	4	Secure Brush Holder to Door Panel(s)
	T-00260	Black Zinc	PHSMS,6x0.500L. PHIL,TEKS BLK ZN		
7	T-00064		HHCS,1/4-20x0.750L.,ZINC	2	Secure Bracket portion of the Bottom Guide Assembly to the Fixed Sidelite
8	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC	2	Pivot Stile on Slide Door
9	A-00181	RH	BTM GUIDE DOUBLE ROLLER ASM, RH	1	Allow Slide Door to Open/Close. Roller portion is inserted into Bottom of Strike Stile on Fixed Sidelite.
	A-00183	LH	BTM GUIDE DOUBLE ROLLER ASM, LH		

**SERVICE PARTS: NH, NARROW STILE, P/N A-00404**

Full Open

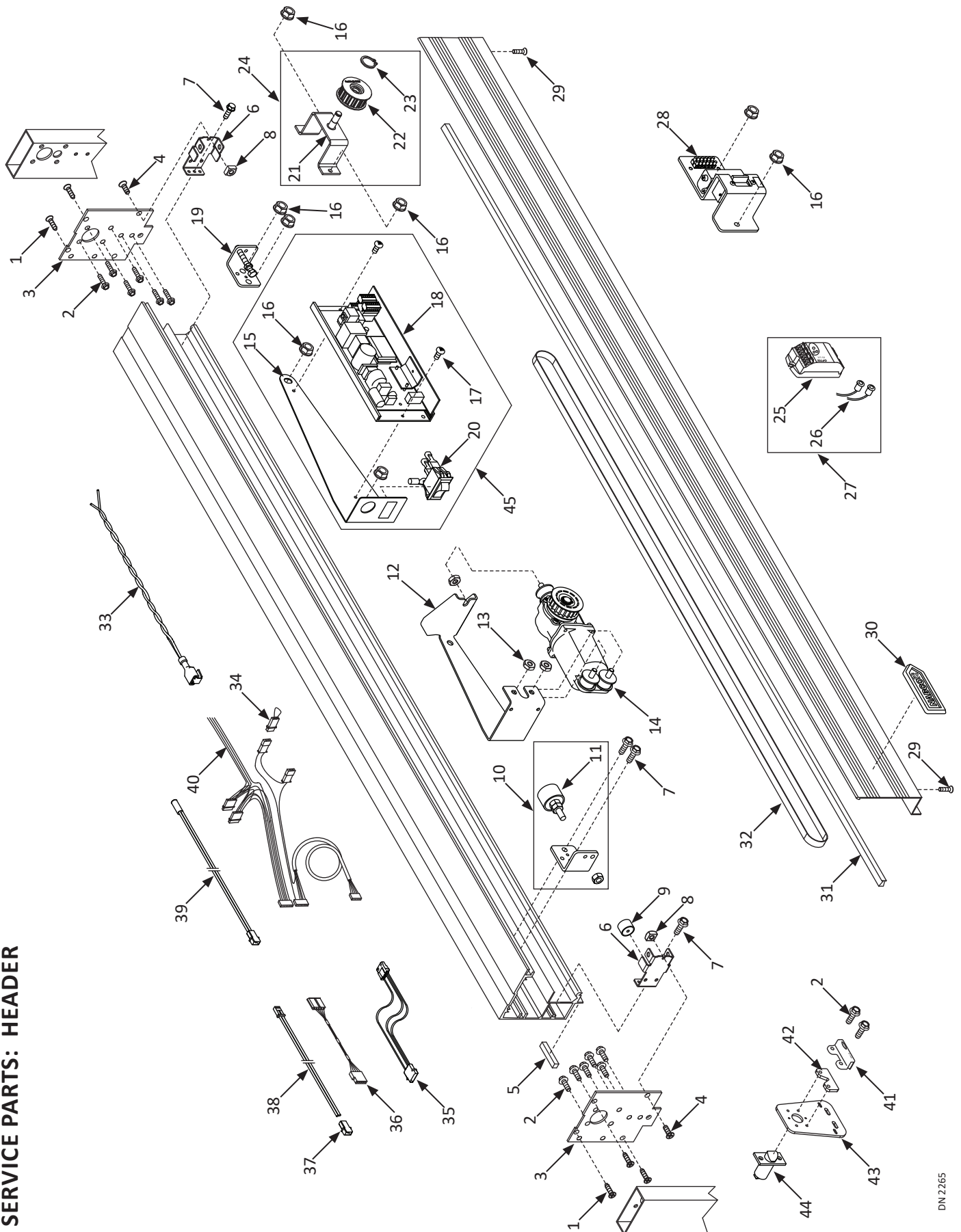


DN 1353

**Fixed Sidelite Parts Kit: Non Handed, Narrow Stile P/N A-00404**

Item	Part	Note	Description	QTY	Used To
1	M-00606		BUSHING, BOTTOM PIVOT, SWING PANEL	1	Prevents wear and noise
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
				1	Secure Bottom Pivot (M-00611) to Pivot Jamb Tube
4	T-00222	Zinc	PHSMS,6x0.500L.,PHIL,TEKS,ZINC	8	Secure Brush Holder to Door Panels
	T-00260	Black Zinc	PHSMS,6x0.500L. PHIL,TEKS BLK ZN		
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
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	2	Secure Belt Bracket to Carrier on top of Slide Door
				12	Secure Header to Jamb Tubes
10	T-00009		PHSMS,6x0.375L,PHIL,TYPE AB,18-8 SS	2	Secure Threshold End Cap to the Threshold
11	M-00442		END CAP	1	Keeps bumper material in place
12	T-00261		SHSS,5/16-24x0.500L.,CUP PT.	1	Adjust PreLoad (top of Strike Stile on Slide Door)

**SERVICE PARTS: HEADER**



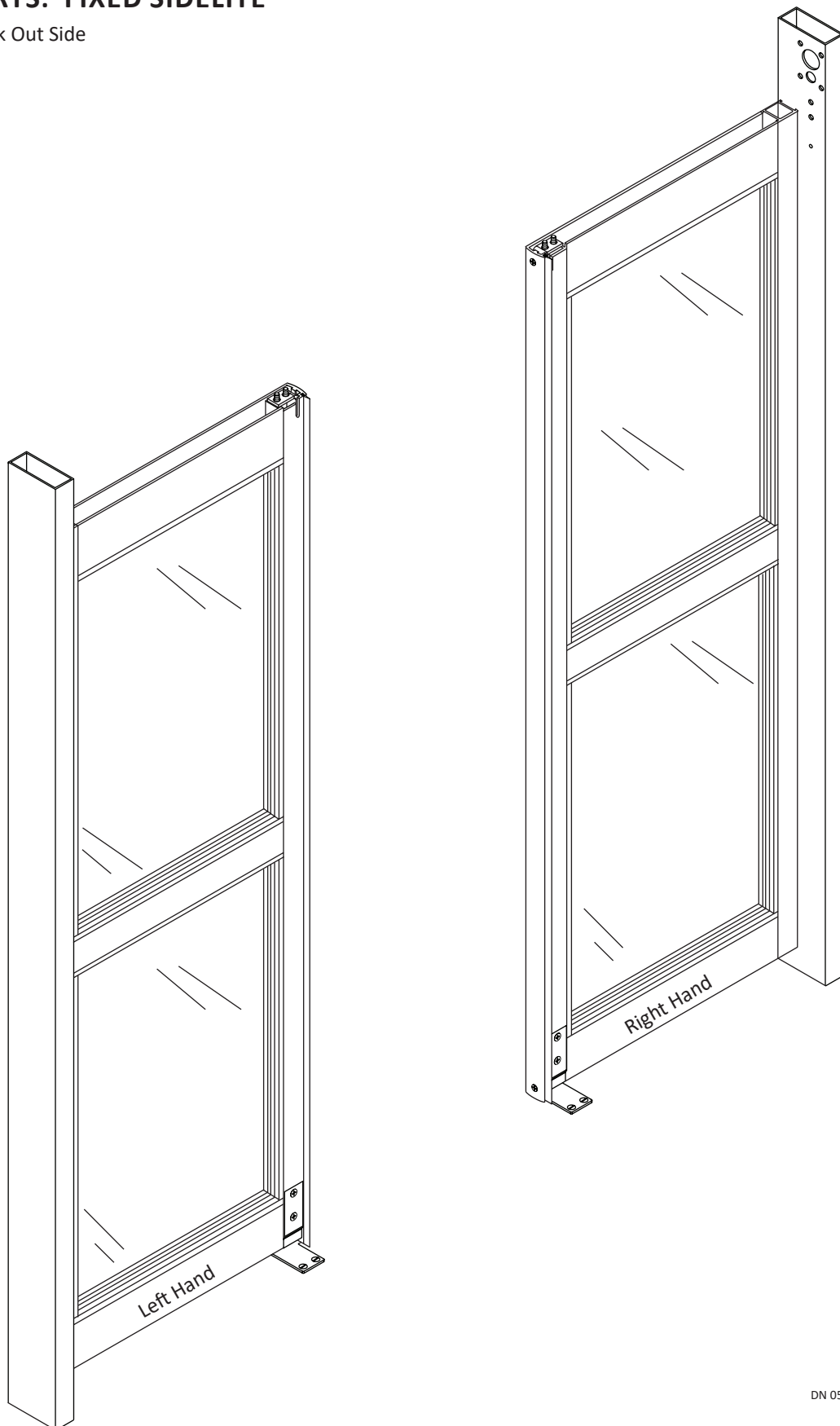
DN2265

Header			
Item	Part	Finish/Sizes/Notes	Description
1	T-00061	Zinc	FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
	T-00022	Black Zinc	FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,BLK ZN
2	T-00010	In all Part Bags	HHCS,1/4-20x0.750L.,WHIZLOCK,ZINC
3	M-60582	RH/Clear	END CAP,ONE PIECE HEADER,RH,204
	M-70582	RH/Dark Bronze	END CAP,ONE PIECE HEADER,RH,313
	M-60574	LH/Clear	END CAP,ONE PIECE HEADER,LH,204
	M-70574	LH/Dark Bronze	END CAP,ONE PIECE HEADER,LH,313
4	T-00015	Zinc	FHMS,1/4-20x0.750L.,PHIL,ZINC
	T-00017	Black Zinc	FHMS,1/4-20x0.750L.,PHIL,BLK ZN
5	M-00281		FOAM WEATHERSTRIPPING ADHESIVE BACKED
6	M-00411	Without Stud	BRACKET,END CAP,HEADER
	M-00411-01	With Stud	BRACKET,END CAP,HEADER,W/ STUD
7	T-00119		HHCS,1/4-20x0.750L.,WASH HD.TRILOBE,ZINC
8	T-00058		NUT,SQ.,1/4-20,ZINC
9	M-00530		BUMPER, RUBBER, 1/4"-20 THREAD
10	A-00128		DOOR STOP,ASM.
11	A-00087		BUMPER,HEADER DOOR STOP
12	M-02041		BRACKET,OPUS,1175
13	T-00495		NUT,WHIZLOCK,M8-1.25,ZINC
14	V-00914		OPERATOR,VS-150
15	M-02041		BRACKET,OPUS,1175
16	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
17	T-00420		PHMS,8-32x0.375L,PHIL,SWAGEFORM,ZINC
18	M-01546		CONTROLLER,OPUS
19	A-00078		BELT,DRIVE,IDLER SPROCKET,TENSIONER
20	M-02042		HARNESS,POWER,1175,OPUS
21	M-02036		BRACKET,IDLER PULLEY,VS-150
22	V-00915		PULLEY,IDLER,VS-150
23	T-00509		RING,RETAINING,EXT,12mm SHAFT
24	A-01419		ASM,IDLER,VS-150
25	A-00129		AMPLIFIER, PHOTOEYE, OPTEX ASSY
26	V-00073		HOLDING BEAM,PHOTO ELECTRIC,W/ EXT CABLE
27	A-00709		HOLDING BEAM SYSTEM
28	A-00342	Fail Secure	LOCK, ELECTRIC,FAIL SECURE,1175
	A-00341	Fail Safe	LOCK, ELECTRIC,FAIL SAFE,1175
29	T-00496	Zinc	PHMS,10-24X0.625L.,PHIL,SWAGEFORM,ZINC
	T-00497	Black Zinc	PHMS,10-24X0.625L.,PHIL,SWAGEFORM,BLK ZN
30	C-00067		NAMEPLATE, ADHESIVE BACKED
31	M-00688		PILE WEATHERING .45 TALL W/ ADHESIVE
32	V-00917		BELT,TIMING,S8M X 12mm WIDE
33	M-02044		HARNESS,ELECTRIC LOCK,1175,OPUS
34	A-00385		BREAKOUT JUMPER

Header			
Item	Part	Finish/Sizes/Notes	Description
35	M-01168	24 inches	HARNESS,ACUSENSOR EXT,24 INT
	M-02064	36 inches	HARNESS,ACUSENSOR EXT,24 INT
	M-01156	48 inches	ACCUSENSOR EXT HARNESS 48" INT.
36	A-00967	36 inches	HARNESS;EXTENSION;ROCKER SWITCH;36IN.
37	V-00034		HOUSING,2 POS,FOR MATE-N-LOCK PINS
38	M-01136	40 inches	HARNESS,BREAKOUT,1175,40
	M-01070	15 inches	HARNESS,BREAKOUT,1175,15
39	A-00758		SWITCHBREAKOUT
40	M-02043		HARNESS, MAIN,1175,OPUS
41	V-00916		CLIP,BELT,"S8M" PROFILE
42	M-02039		SPACER,BELT CLIP,VS-150
43	M-02038		BRACKET,BELT CLIP,VS-150
44	A-00264		LATCHBOLT, HEAVY DUTY, MODIFIED
45	A-01418		ASM,OPUS CONTROLLER,1175

**SERVICE PARTS: FIXED SIDELITE**

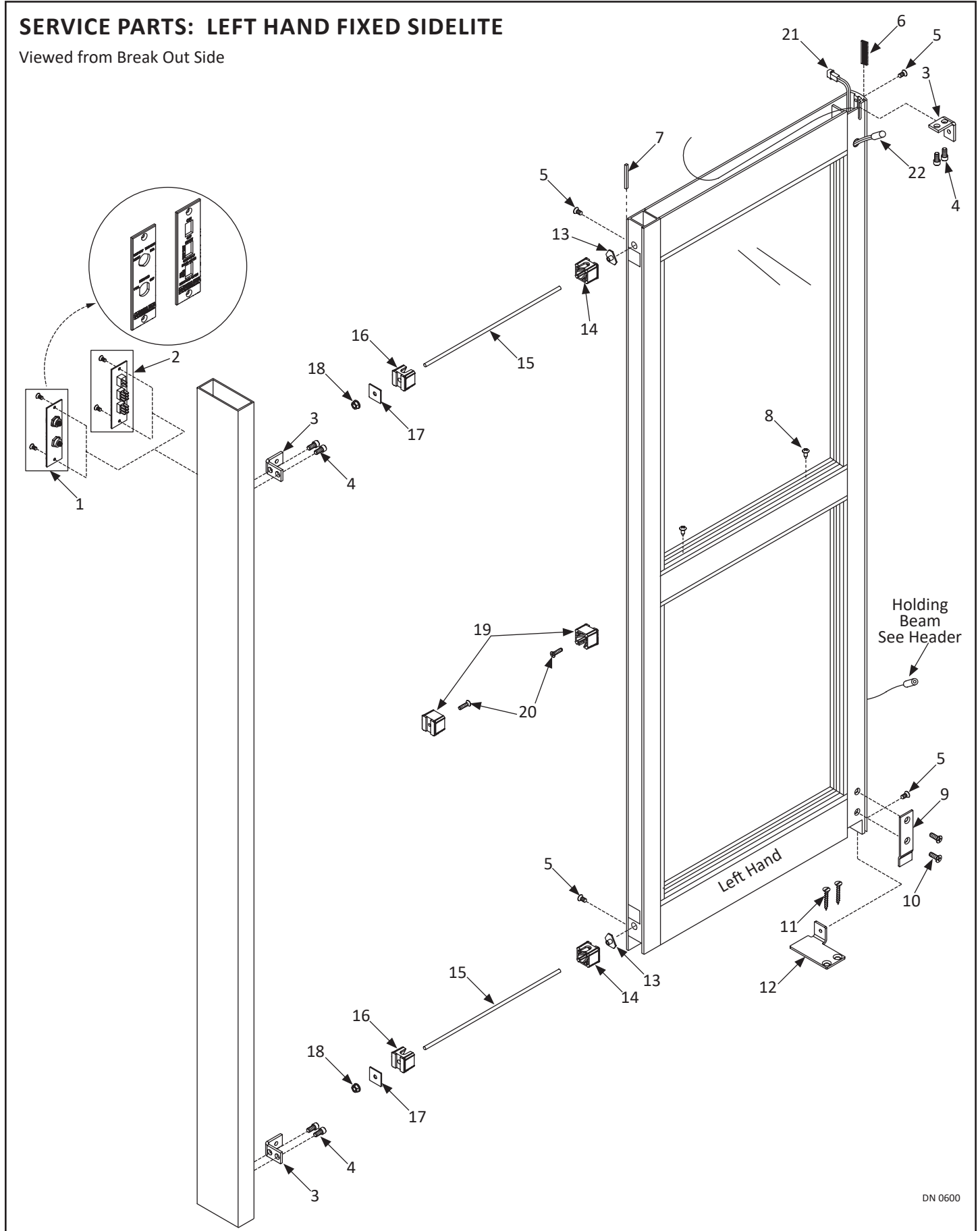
Viewed from Break Out Side



DN 0598

**SERVICE PARTS: LEFT HAND FIXED SIDELITE**

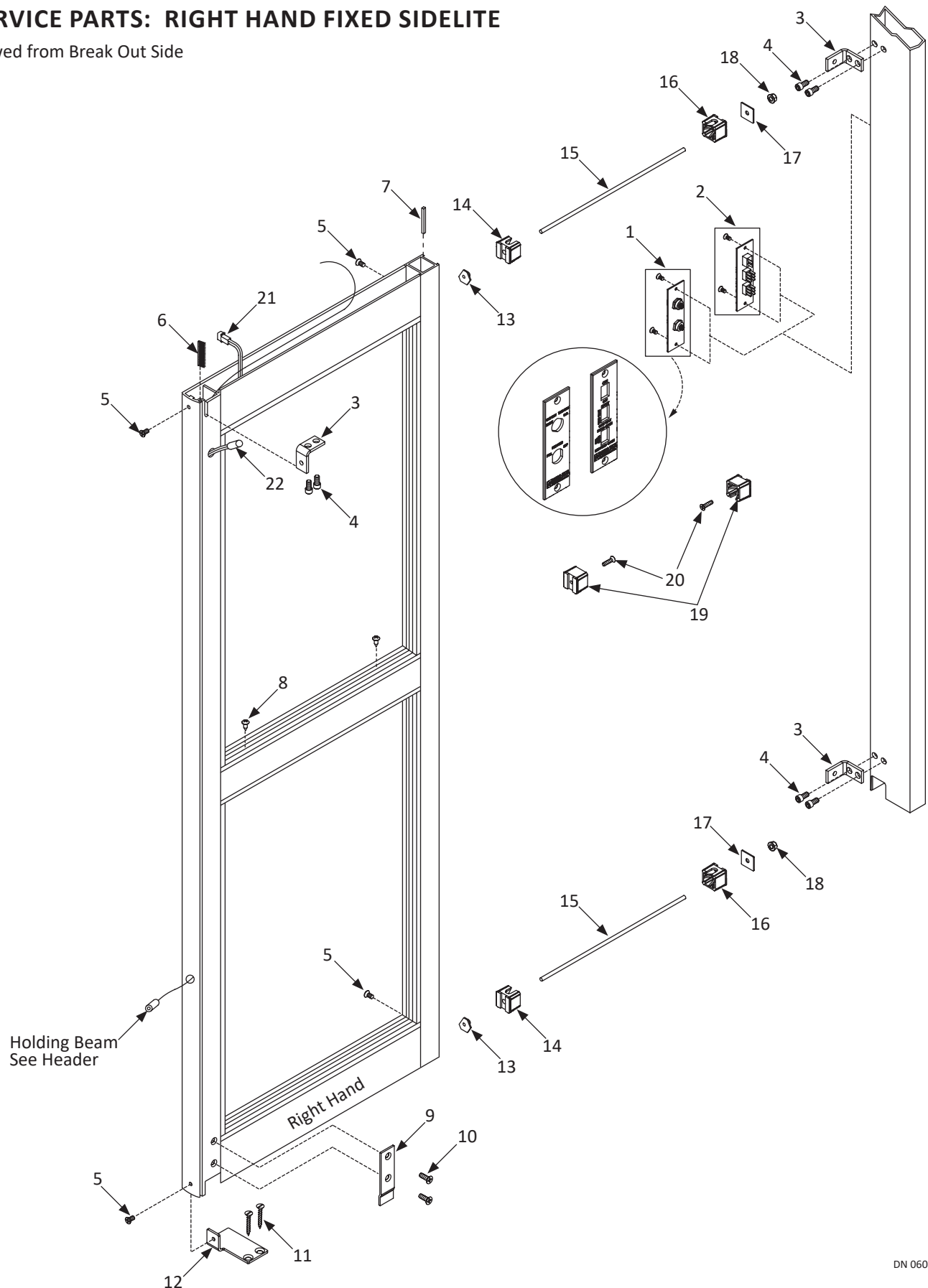
Viewed from Break Out Side



DN 0600

**SERVICE PARTS: RIGHT HAND FIXED SIDELITE**

Viewed from Break Out Side



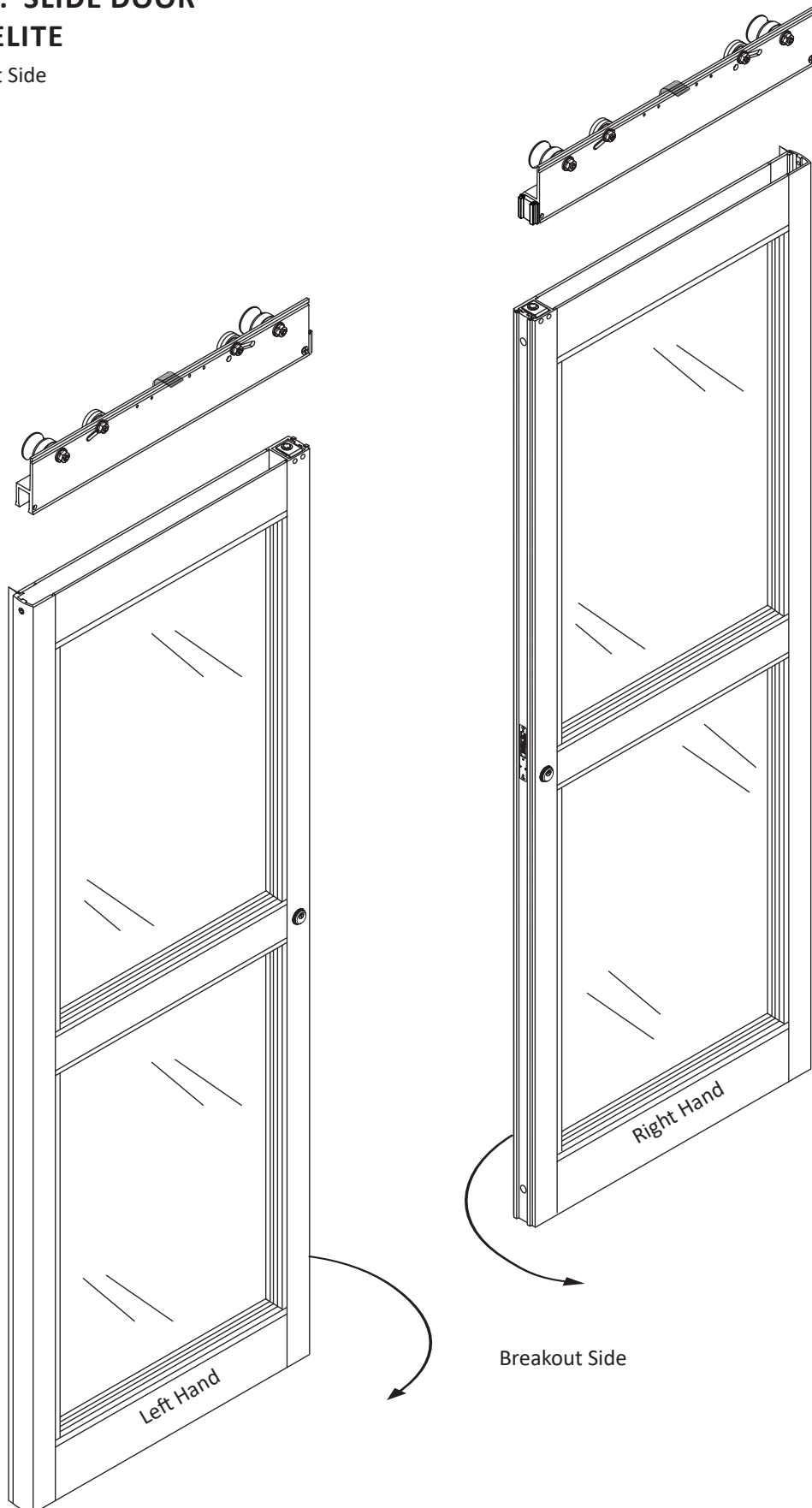
DN 0601



Fixed Sidelite			
Item	Part	Finish/Sizes/Notes	Description
1	M-01144		SWITCH, KEY - NABCO
	M-01145		SWITCH, KEY - PORTA SERVICE
2	M-00428		SWITCH MODULE,3 ROCKER,NABCO
	M-00429		SWITCH MODULE,3 ROCKER,PORTA
3	M-00706		BRACKET,MOUNTING ,FIXED SIDELITE
4	T-00053		SHCS,1/4-20x0.500L.,ZINC
5	T-00055	Zinc, In Part Bag M-01256 & M-01253	FHMS,1/4-20x0.500L.,PHIL,ZINC
	T-00057	Black Oxide, In Part Bag M-01256 & M-01253	FHMS,1/4-20x0.500L.,PHIL,BLK ZN
6	A-00951		"BRUSH, NYLON, .56 LX1.875L."
7	M-00281	Include Length needed when ordering	FOAM WEATHERSTRIPPING ADHESIVE BACKED
8	T-00098		PHSMS,10x0.563L.,PHIL,TYPE A
9	M-00709		COVER, PLATE, BOTTOM GUIDE, FS
10	T-00015	Zinc	FHMS,1/4-20x0.750L.,PHIL,ZINC
11	T-00062	In Part Bag M-01256 & M-01253	FHSMS,1/4x1.250L.,PHIL,TAPCON,BLUE
12	M-00717	RH, In Part Bag M-01256 & M-01253	FLOOR BRKT, RHFS
	M-00710	LH, In Part Bag M-01256 & M-01253	BRACKET,FLOOR, LHFS
13	M-00416		T-NUT, 3/8"-16, TIE ROD
14	M-00460		CLIP,MUNTIN,.500 HOLE
15	M-00272		3/8-16 THREADED ROD
16	M-00461		CLIP,MUNTIN,.386 HOLE
17	M-00422		PLATE,TIE ROD
18	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
19	M-00462		CLIP,MUNTIN,.261 HOLE
20	T-00061	Zinc	FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
21	V-00034		HOUSING,2 POS,FOR MATE-N-LOCK PINS
22	A-00143	Installed inside Strike Stile/See Header for Extension Harnesses	REED SWITCH ASSEMBLY WIDE GAP

## SERVICE PARTS: SLIDE DOOR FOR FIXED SIDELITE

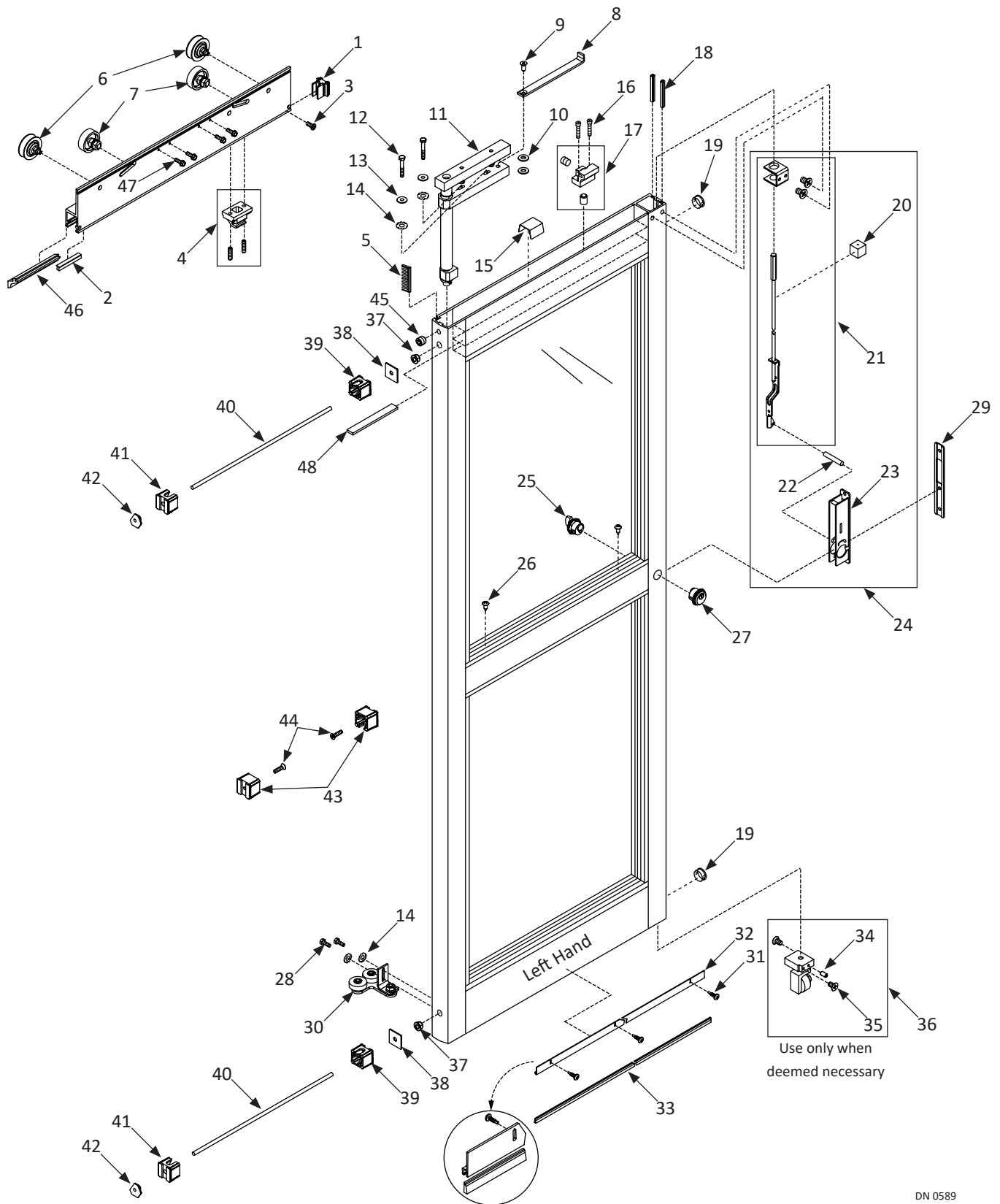
Viewed from Break Out Side



DN 0584

## SERVICE PARTS: LEFT HAND SLIDE DOOR FIXED SIDELITE

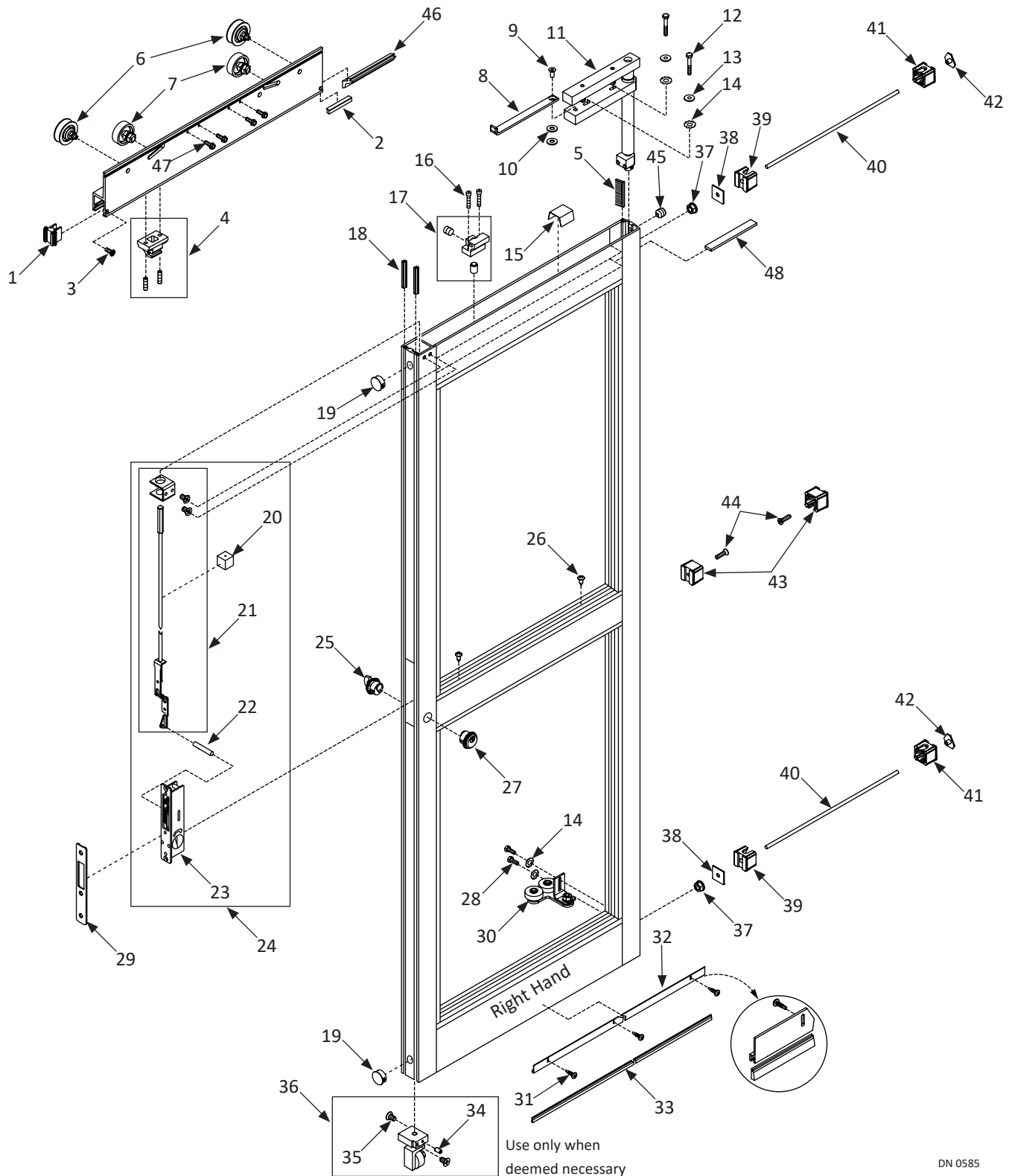
Viewed from Break Out Side



DN 0589

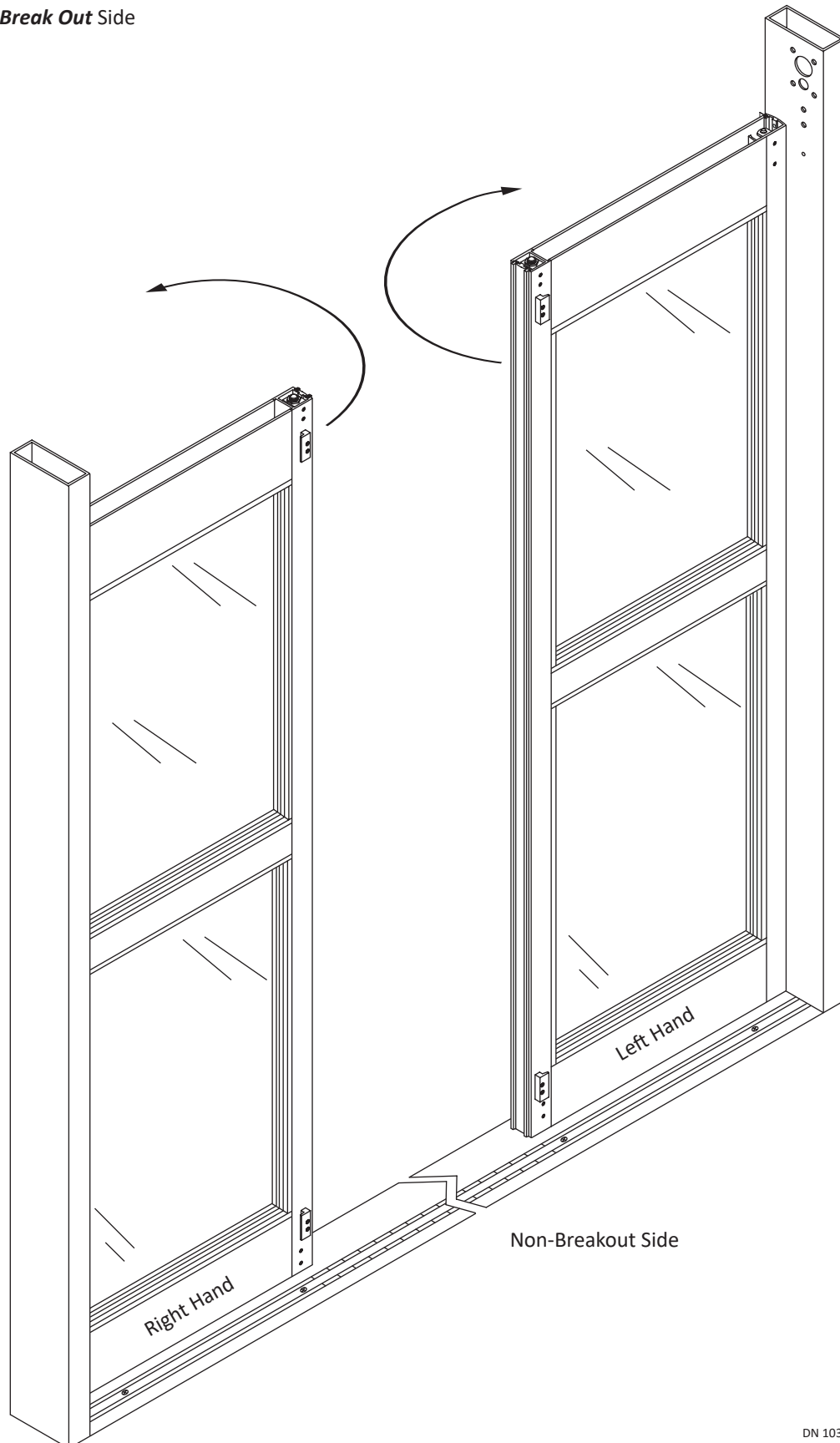
**SERVICE PARTS: RIGHT HAND SLIDE DOOR FIXED SIDELITE**

Viewed from Break Out Side

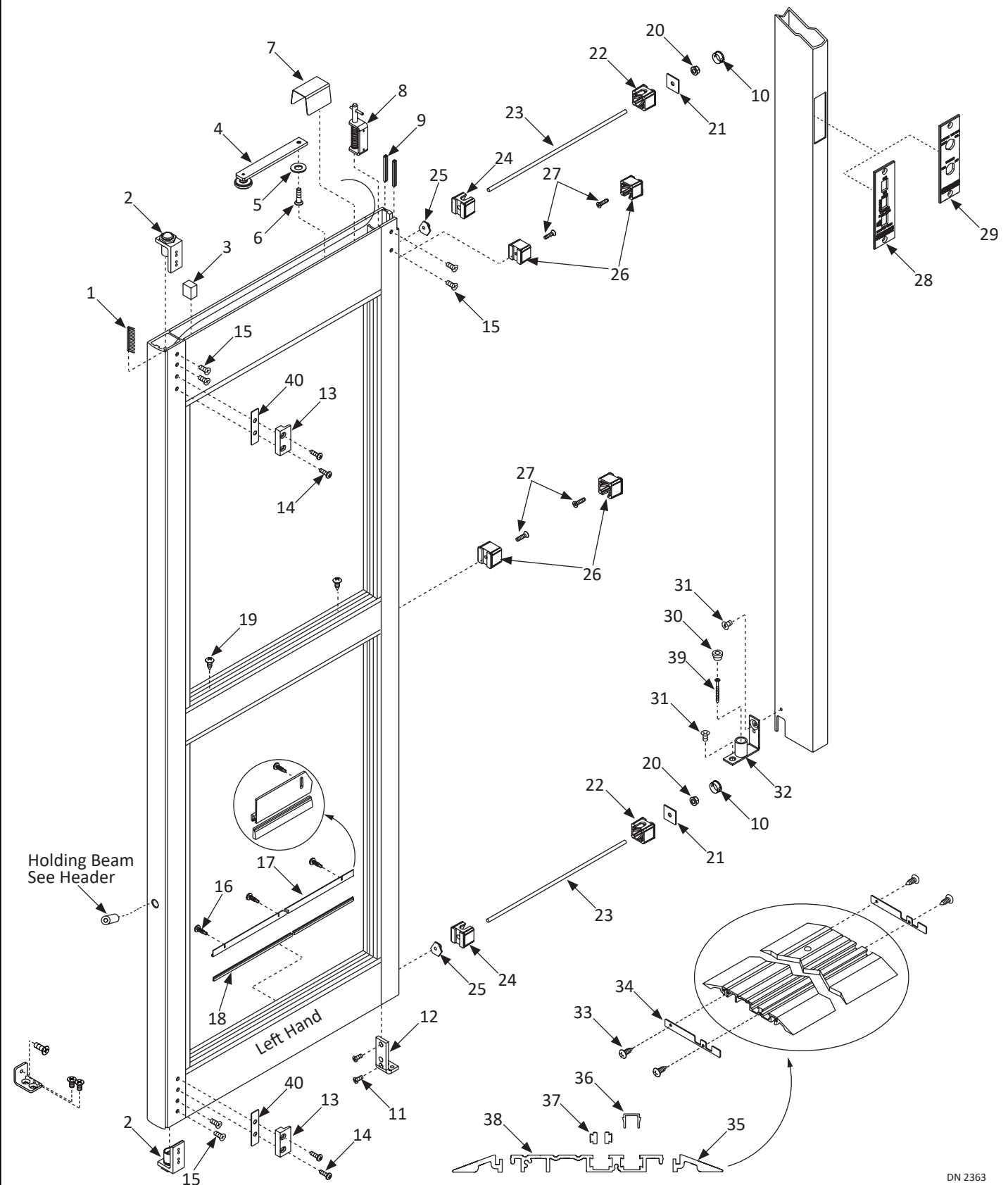


Fixed Sidelite Slide Door			
Item	Part	Finish/Sizes/Notes	Description
1	A-60133	Clear	"CARRIER END CAP,204"
	A-70133	Dark Bronze	CARRIER END CAP,313
2	M-00690		WEATHER, PILE .2
3	T-00006	Zinc	FHSMS,10x0.750L.,PHIL,ZINC
	T-00005	Black Zinc	FHSMS,10x0.750L.,PHIL,BLK ZN
4	A-00071		PANIC CATCH, UPPER,ASM.
5	A-00951		"BRUSH, NYLON, .56 LX1.875L."
6	A-00162		ROLLER, HANGER, ASSEMBLY, 1175
7	A-00163		AXLE ASSEMBLY-ANTI RISE ROLLER
8	M-00379	Standard Stile	LIMIT ARM, STANDARD STILES
	M-00704	Medium Stile	ARM, LIMIT, MEDIUM STILE
9	T-00018		FHCS,7/16-14x1.000L.,ZINC
10	T-00484		WASHER,.469 ID,.922 OD,.065 THK,ZINC
11	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
12	T-00028		HHCS,1/4-20x1.750L.,GR5,ZINC
13	T-00029		WASHER,.250 ID,.563 OD,.049 THK,ZINC
14	T-00087	In Part Bag M-01253 & M-01256	WASHER, LOCK, EXT, 1/4 ID, ZINC
15	M-00653		BRACKET, LIMIT ARM SUPPORT
16	T-00037		SHCS,1/4-20x1.250L.,ZINC
17	A-00069		PANIC CATCH, BOTTOM
18	M-00688		PILE WEATHERING .45 TALL W/ ADHESIVE
19	T-00085		PLUG, DOME, .813 DIAMETER
20	M-00974		BLOCK,FOAM
21	V-00094		LOCKROD, ADAMS-RITE #4015
22	T-00132		"PIN,ROLL,5/32D X 0.875L."
23	V-00005		LOCK, ADAMS-RITE #MS1853
24	A-00523		KIT,LOCK AND ROD
25	V-00116	Silver	CYLINDER,LOCK,THUMBTURN,204
	V-70116	Bronze	CYLINDER,LOCK,THUMBTURN,313
26	T-00006		FHSMS,10x0.750L.,PHIL,ZINC
27	V-00123	Silver	CYLINDER,LOCK,KEYED,204
	V-70123	Bronze	CYLINDER,LOCK,KEYED,313
28	T-00064	In Part Bag M-01253 & M-01256	HHCS,1/4-20x0.750L.,ZINC
29	V-00014	Clear	COVER,MS LOCK,W/ CUTOUT,204
	V-70014	Dark Bronze	COVER,MS LOCK,W/ CUTOUT,313
30	A-00181	RH; In Part Bag M-01253 & M-01256	BTM GUIDE DOUBLE ROLLER ASM, RH
	A-00183	LH; In Part Bag M-01253 & M-01256	BTM GUIDE DOUBLE ROLLER ASM, LH
31	T-00222	Zinc; In Part Bag M-01253 & M-01256	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
	T-00260	Black Zinc; In Part Bag M-01253 & M-01256	PHSMS,6x0.500L. PHIL,TEKS BLK ZN

Fixed Sidelite Slide Door			
Item	Part	Finish/Sizes/Notes	Description
32	M-60278	Clear	HOLDER,WEATHERING BRUSH,204,EXTRU
	M-70278	Dark Bronze	HOLDER,WEATHERING BRUSH,313,EXTRU
33	M-00274		BRUSH, NYLON, 1" STEPPED
	M-00698		BRUSH, NYLON, 1.5"
34	T-00105		SHSS,8-32x0.313L.,CUP PT.
35	T-00016	Zinc	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,ZINC
	T-00108	Black Oxide	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,BLK ZN
36	A-00198	Narrow Stile	NOSE CASTER ASSY, NAR
	A-00207	Medium Stile	NOSE CASTER ASSY, MED
37	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
38	M-00422		PLATE,TIE ROD
39	M-00461		CLIP,MUNTIN,.386 HOLE
40	M-00272		3/8-16 THREADED ROD
41	M-00460		CLIP,MUNTIN,.500 HOLE
42	M-00416		T-NUT, 3/8"-16, TIE ROD
43	M-00462		CLIP,MUNTIN,.261 HOLE
44	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
45	T-00019		SHSS,5/16-24x0.313L.,CUP PT.
	T-00261	In all Part Bags	SHSS,5/16-24x0.500L.,CUP PT.
46	M-60288	Clear	INTERFACE LEG,204,EXTRU
	M-70288	Dark Bronze	INTERFACE LEG,313,EXTRU
47	T-00010		HHCS,1/4-20x0.750L.,WHIZLOCK,ZINC
48	M-00282	Cut to full length of Top Door Rail	FLEXIBLE MAGNETIC STRIP

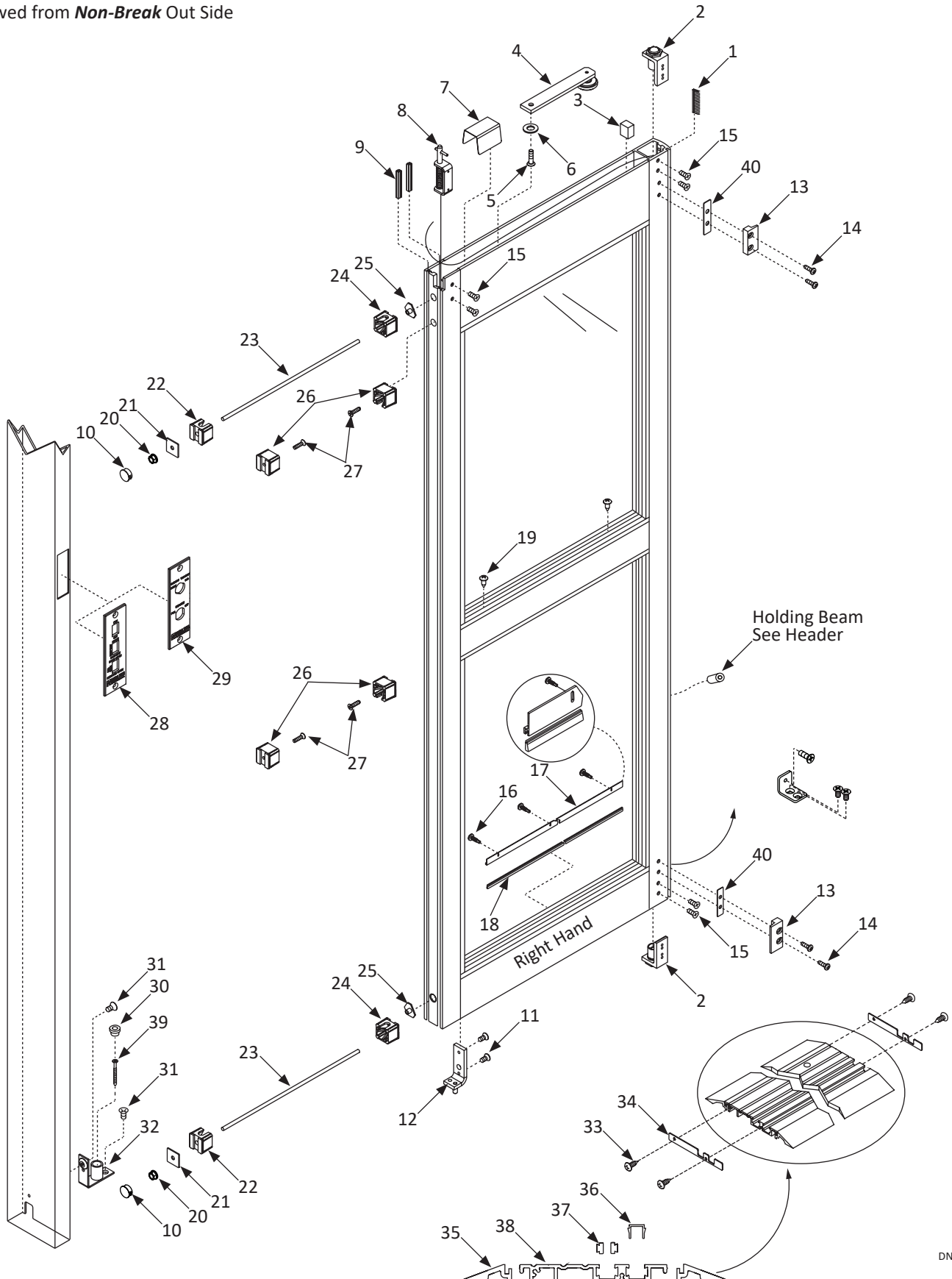
**SERVICE PARTS: FULL OPEN SIDELITE**Viewed from *Non-Break Out* Side

DN 1035

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

DN 2363

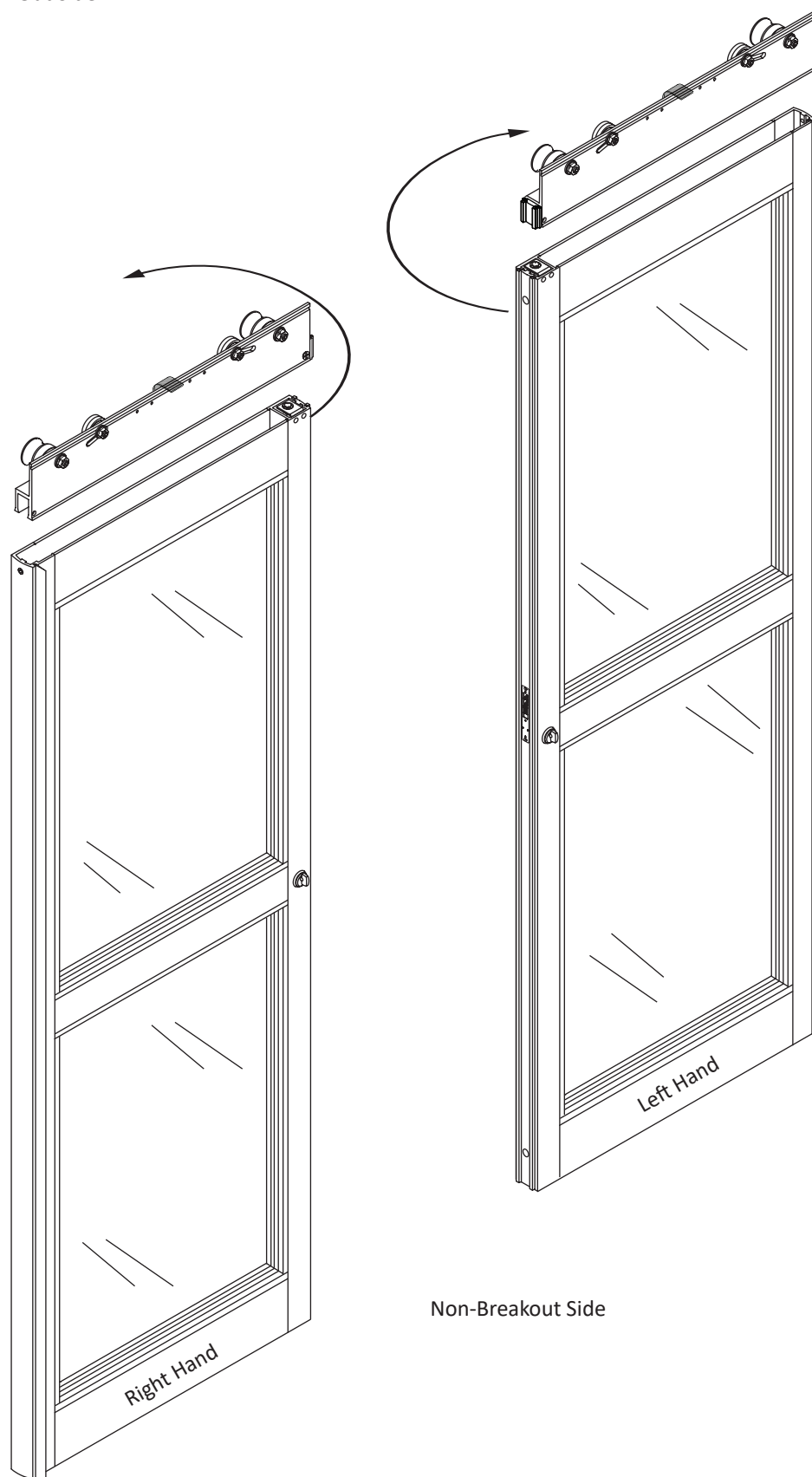


**SERVICE PARTS: RIGHT HAND SIDELITE FULL OPEN**Viewed from **Non-Break** Out Side

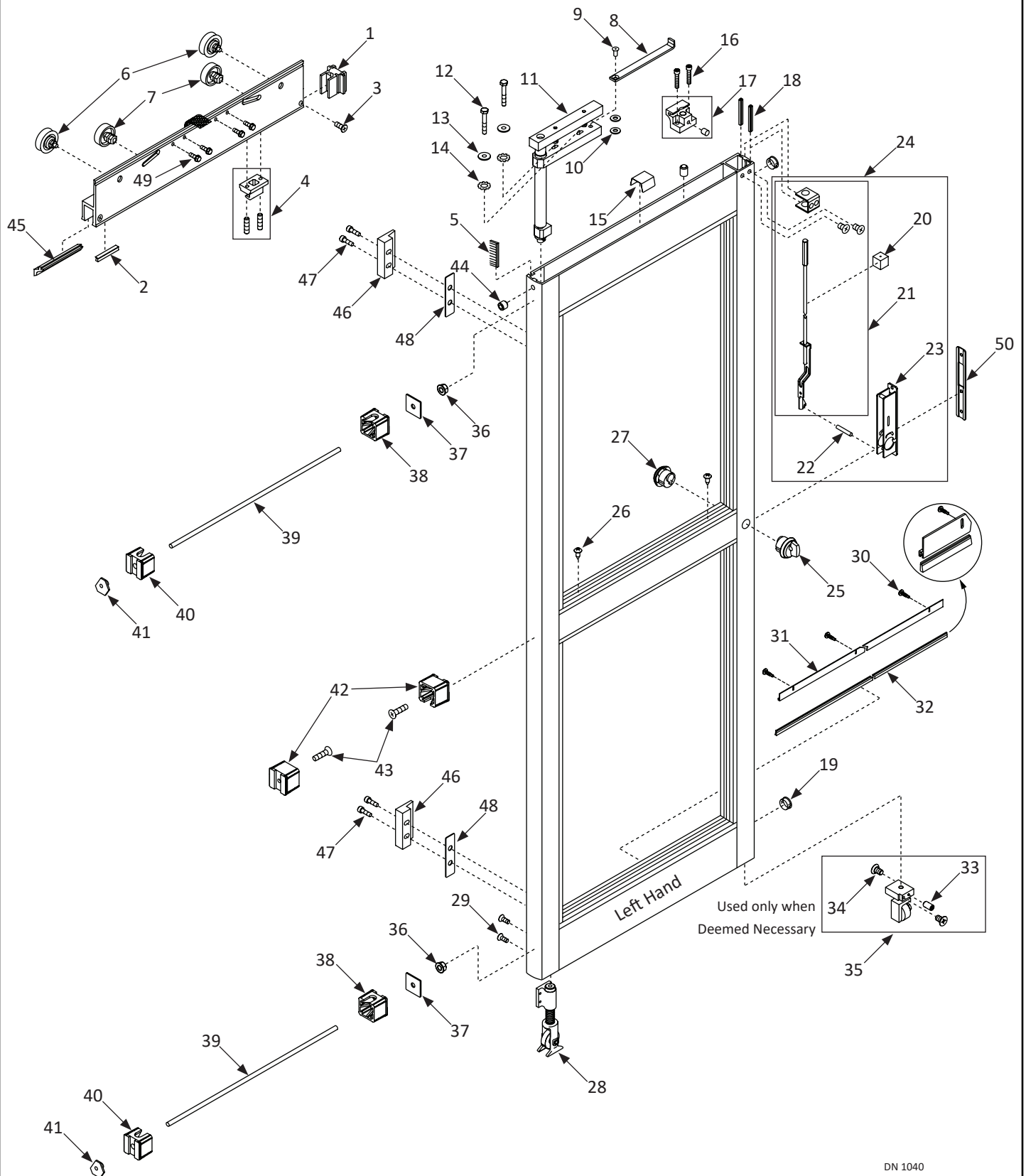
DN 1036

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 Stile, In Part Bag M-00404	LIMIT ARM,SWING PANEL,ASM.NRW.STILE
5	T-00069	In Part Bag M-00404	WASHER,.255 ID,.900 OD,.125 THK,NYLON
6	T-00083	In Part Bag M-00404	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-00593	LH	LH BOTTOM PIVOT SWING PANEL
	M-00594	RH	PIVOT, SWING PANEL,BTM,RH
13	M-01469		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 M-00404	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
	T-00260	Black Zinc, In Part Bag M-00404	PHSMS,6x0.500L. PHIL,TEKS BLK ZN
17	M-60278	Clear	HOLDER,WEATHERING BRUSH,204,EXTRU
	M-70278	Dark Bonze	HOLDER,WEATHERING BRUSH,313,EXTRU
18	M-00274		BRUSH, NYLON, 1" STEPPED
	M-00698		BRUSH, NYLON, 1.5"
19	T-00006		FHSMS,10x0.750L.,PHIL,ZINC
20	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
21	M-00416		T-NUT, 3/8"-16, 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-00428	Gyro Tech	SWITCH MODULE,3 ROCKER,NABCO
	M-00429	Porta Service	SWITCH MODULE,3 ROCKER,PORTA
29	M-01144	Gyro Tech	SWITCH, KEY - NABCO
	M-01145	Porta Service	SWITCH, KEY - PORTA SERVICE
30	M-00606	In Part Bag M-00404	BUSHING, BOTTOM PIVOT, SWING PANEL
31	T-00007	In Part Bag M-00404	FHMS,1/4-20x0.500L.,PHIL,UNDR CUT,F-PT,ZN
32	M-00611	In Part Bag M-00404	FLOOR PIVOT BRACKET
33	T-00009	In Part Bag M-00404	PHSMS,6x0.375L,PHIL,TYPE AB,18-8 SS
34	M-00442	In Part Bag M-00404	END CAP
35	M-60260		RAMP, THRESHOLD EXTENSION,204,EXTRU

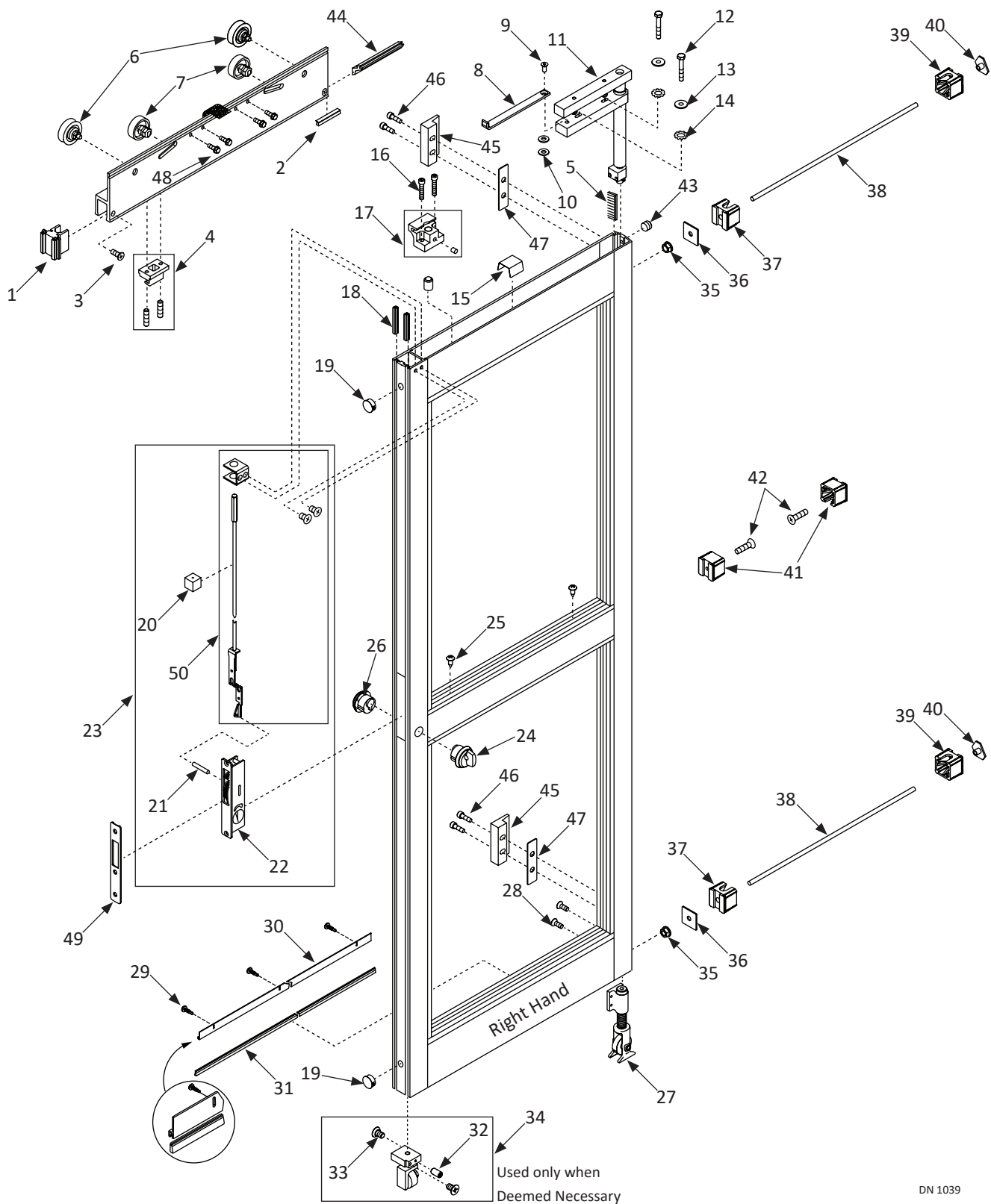
Full Open Sidelite			
Item	Part	Finish/Sizes/Notes	Description
36	M-00295		THRESHOLD, FILLER
37	M-00291		THRESHOLD, BUMPER
38	M-60258		THRESHOLD,4-1/2 X 1/2,204,EXTRU
39	T-00008	In Part Bag M-00404	FHSMS,1/4x2.750L.,PHIL,TAPCON,BLUE
40	A-00391		KIT,SHIM,INTERLOCK

**SERVICE PARTS: SLIDE DOOR FOR FULL OPEN**Viewed from **Non-Break** Out Side

DN 1038

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

DN 1040

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

DN 1039

Full Open Slide Door			
Item	Part	Finish/Sizes/Notes	Description
1	A-60133	Clear	"CARRIER END CAP,204"
	A-70133	Dark Bronze	CARRIER END CAP,313
2	M-00690		WEATHER, PILE .2
3	T-00006	Zinc	FHSMS,10x0.750L.,PHIL,ZINC
	T-00005	Black Zinc	FHSMS,10x0.750L.,PHIL,BLK ZN
4	A-00071		PANIC CATCH, UPPER,ASM.
5	A-00951		"BRUSH, NYLON, .56 LX1.875L."
6	A-00162		ROLLER, HANGER, ASSEMBLY, 1175
7	A-00163		AXLE ASSEMBLY-ANTI RISE ROLLER
8	A-00060	Narrow Stile, In Part Bag M-00404	LIMIT ARM,SWING PANEL,ASM.NRW.STILE
9	T-00093		FHCS,7/16-14x1.000L.,ZINC,W/ NYLON PATCH
10	T-00484		WASHER,.469 ID,.922 OD,.065 THK,ZINC
11	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
12	T-00028		HHCS,1/4-20x1.750L.,GR5,ZINC
13	T-00054		WASHER,.281 ID,.625 OD,.065 THK,ZINC
14	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC
15	M-00653		BRACKET, LIMIT ARM SUPPORT
16	T-00037		SHCS,1/4-20x1.250L.,ZINC
17	A-00069		PANIC CATCH, BOTTOM
18	M-00689		WEATHERING, PILE .45
19	V-00720		Error no match found
20	M-00974		BLOCK,FOAM
21	T-00132		"PIN,ROLL,5/32D X 0.875L."
22	V-00006		LOCK, CR LAURENCE #DL2130A
23	A-00802		"LOCK,W/ ROD,CRL"
24	V-00116	Silver	CYLINDER,LOCK,THUMBTURN,204
	V-70116	Bronze	CYLINDER,LOCK,THUMBTURN,313
25	T-00006		FHSMS,10x0.750L.,PHIL,ZINC
26	V-00123	Silver	CYLINDER,LOCK,KEYED,204
	V-70123	Bronze	CYLINDER,LOCK,KEYED,313
27	A-00063		ROLLER GUIDE,BOTTOM,ASM.
28	T-00027		PHMS,10-32x0.500L.,PHIL.ZINC
29	T-00222	Zinc, In Part Bag M-00404	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
	T-00260	Black Zinc, In Part Bag M-00404	PHSMS,6x0.500L. PHIL,TEKS BLK ZN
30	M-60278	Clear	HOLDER,WEATHERING BRUSH,204,EXTRU
	M-70278	Dark Bonze	HOLDER,WEATHERING BRUSH,313,EXTRU
31	M-00274		BRUSH, NYLON, 1" STEPPED
32	T-00105		SHSS,8-32x0.313L.,CUP PT.

Full Open Slide Door			
Item	Part	Finish/Sizes/Notes	Description
33	T-00016	Zinc	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,ZINC
	T-00108	Black Oxide	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,BLK ZN
34	A-00198	.090 Narrow Stile	NOSE CASTER ASSY, NAR
	A-00207	.125 Medium Stile	NOSE CASTER ASSY, MED
35	T-00025	Zinc	NUT,WHIZLOCK,3/8-16,ZINC
36	M-00422		PLATE,TIE ROD
37	M-00461		CLIP,MUNTIN,.386 HOLE
38	M-00272		3/8-16 THREADED ROD
39	M-00460		CLIP,MUNTIN,.500 HOLE
40	M-00416		T-NUT, 3/8"-16, TIE ROD
41	M-00462		CLIP,MUNTIN,.261 HOLE
42	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
43	T-00019		SHSS,5/16-24x0.313L.,CUP PT.
	T-00261	In Part Bag M-00404	SHSS,5/16-24x0.500L.,CUP PT.
44	M-60288	Clear	INTERFACE LEG,204,EXTRU
	M-70288	Dark Bronze	INTERFACE LEG,313,EXTRU
45	M-00440		INTERLOCK, PLASTIC, 1175
46	T-00078		PHMS,10-32x0.625L.,PHIL,ZINC
47	A-00391		KIT,SHIM,INTERLOCK
48	T-00010		HHCS,1/4-20x0.750L.,WHIZLOCK,ZINC
49	V-00014	Clear	COVER,MS LOCK,W/ CUTOUT,204
	V-70014	Dark Bronze	COVER,MS LOCK,W/ CUTOUT,313
50	V-00094		LOCKROD, ADAMS-RITE #4015