



## GT1175 Standard Slide Doors Quick Set-Up and Parts Guide

P/N C-00105 Rev 8-10-16

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*Associated Manuals Part Numbers: Model 1175 Standard Slide Doors with U30 Control (P/N 15-9244-30)  
GT 1175 Electrical Installation Manual \*\*with U30 Microprocessor Controller (P/N C-00121)  
U30 Microprocessor Control Setup and Programming Manual (P/N C-00130)  
Automatic Sliding Door Owners Manual (P/N C-00109) for Decal Installation  
NABCO Price Book" for Sensors, Switches, and Accessories (P/N 16-9244-30)*

### **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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## SECTION 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. Other local standards or codes may apply. Use them in addition to the ANSI standard. The GT-1175 is listed with the Underwriters Laboratory and is identified as such on the label.

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

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 U30 Microprocessor Control. This control offers many features to accommodate most installation options. This manual offers step by step instructions.

## SECTION 2: PREPARE TO ASSEMBLE 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**

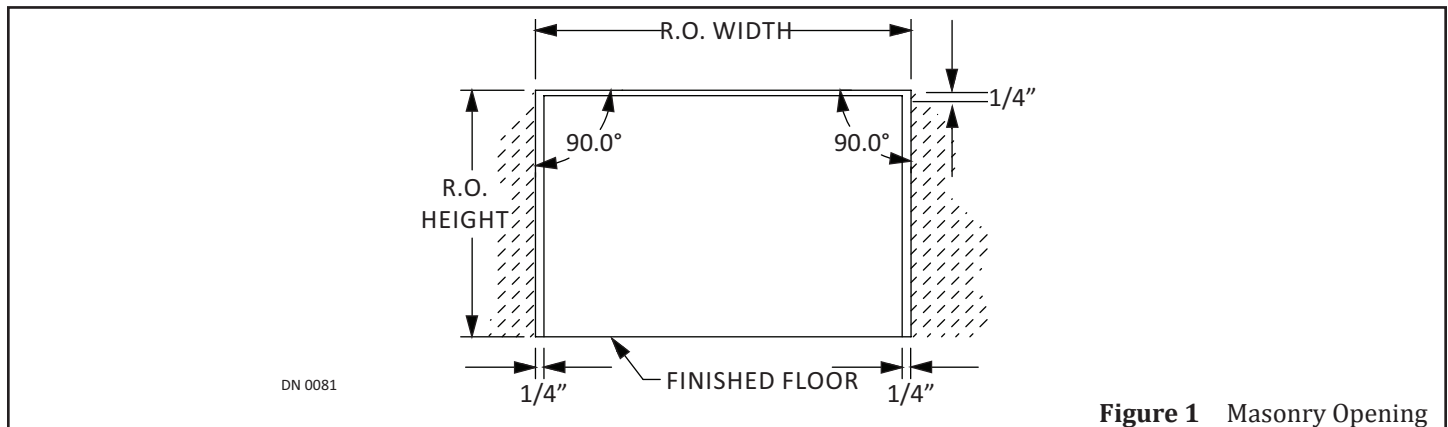


Figure 1 Masonry Opening

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

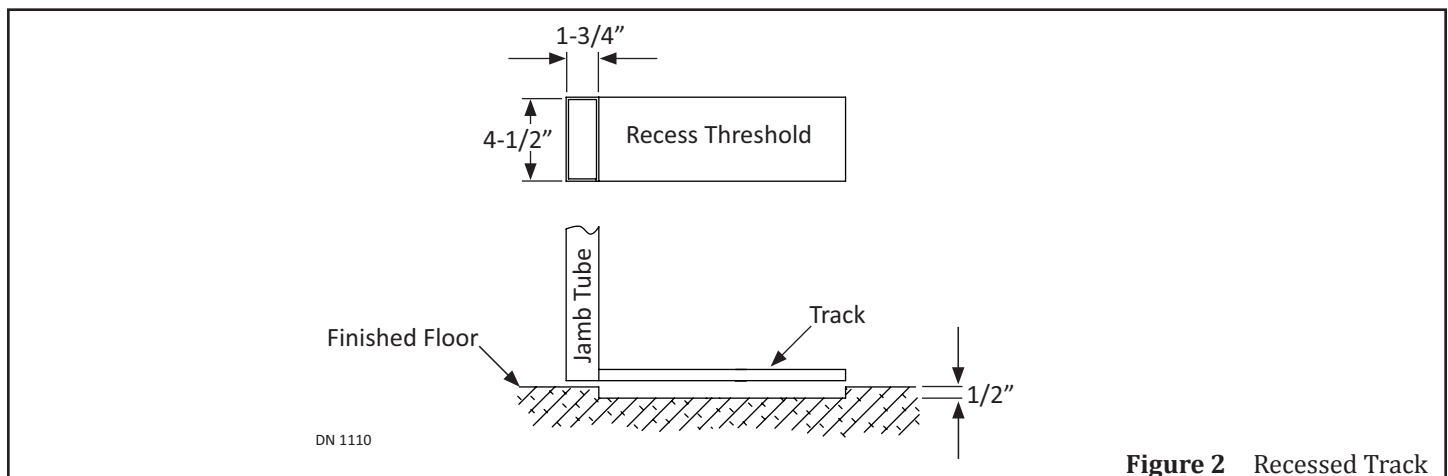
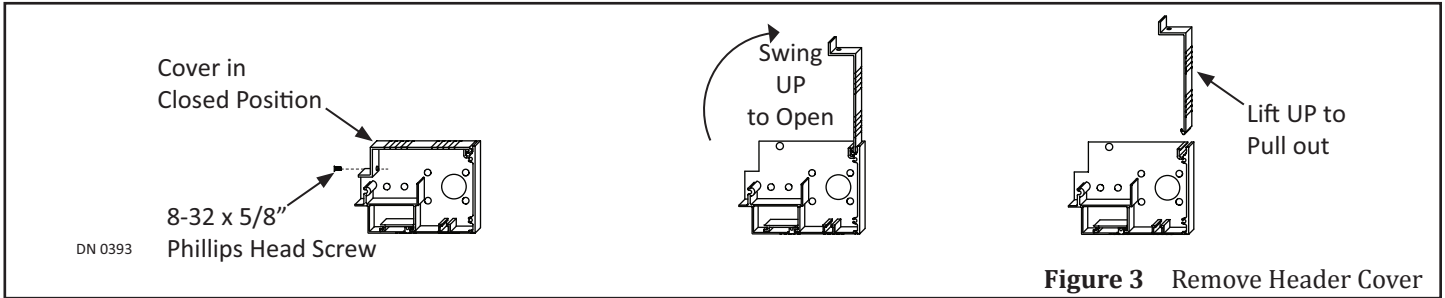


Figure 2 Recessed Track

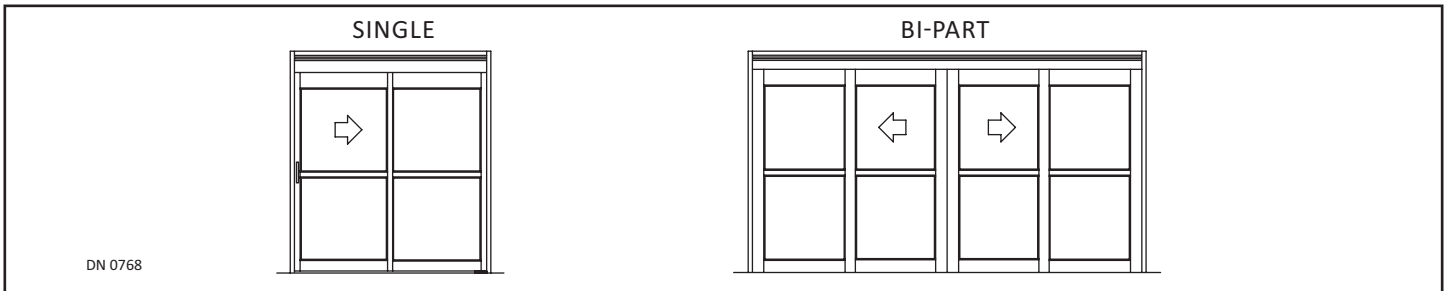
3. Place the Header on a flat surface with the removable cover facing up. Remove (2) 8-32x0.625L Flat head screws used to secure the removable Cover.
4. Remove the Cover by lifting it up and then pulling it out.
5. Unplug the Sensor (if equipped). Remove Parts boxes and/or Parts bags from inside Header.



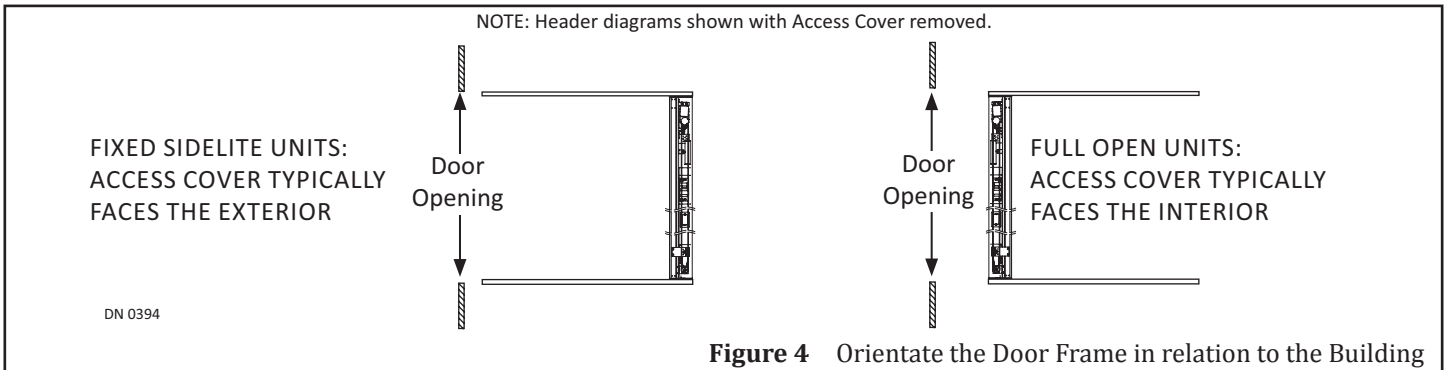
**Figure 3** Remove Header Cover

**SECTION 3: ASSEMBLE DOOR FRAME (NO TRANSOM)**

*FOR DOOR FRAMES WITH A TRANSOM SKIP TO SECTION 4*



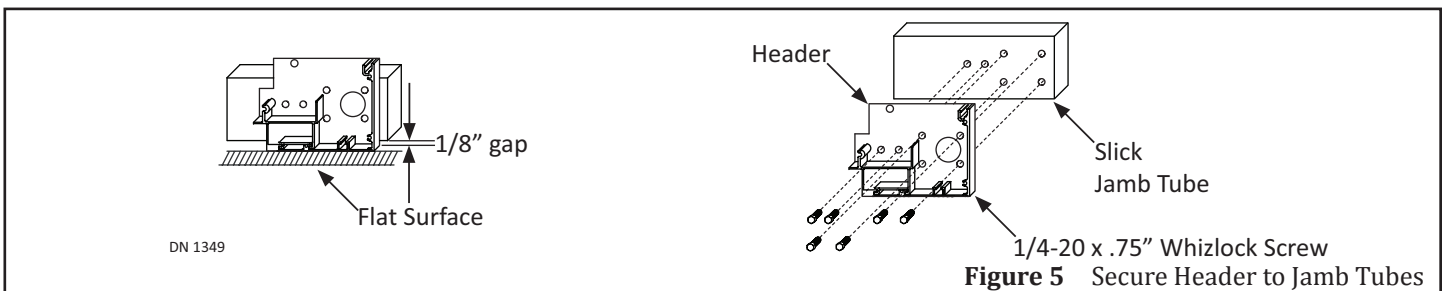
1. Position Jamb Tubes on either side of Header according to the instruction sticker located on each Jamb Tube, showing proper location and orientation.
  - a. Ensure the removable cover side of Header is facing up.
2. Orientate the Frame in relation to the building:
  - ▶ Fixed Sidelite: Removable Cover 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 4** Orientate the Door Frame in relation to the Building

**3.1 Secure Header to Slick Jamb Tubes**

1. 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 Header and the flat surface.



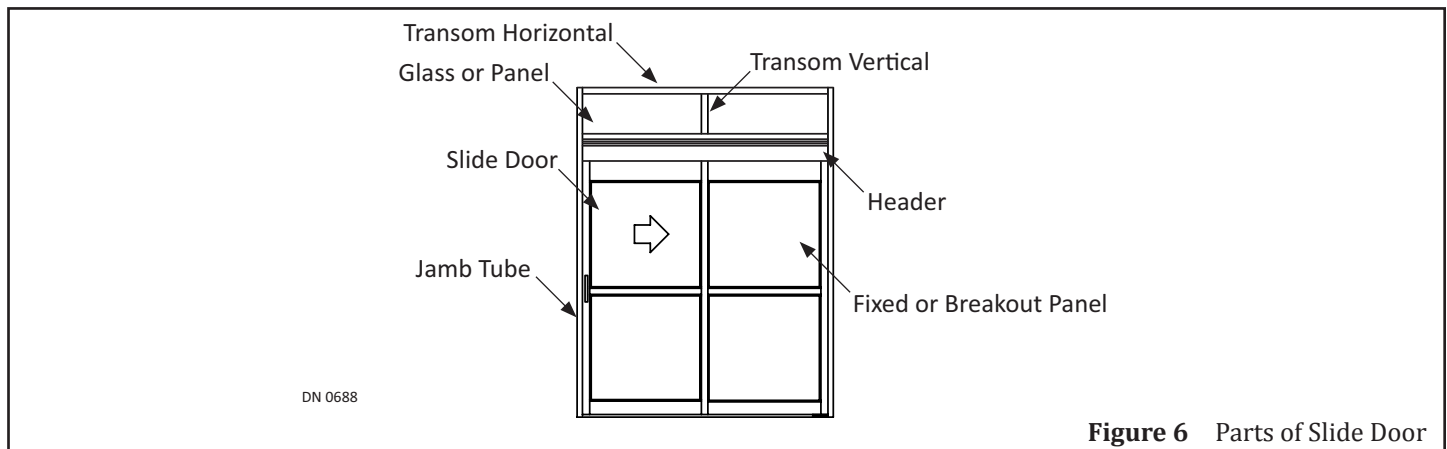
**Figure 5** Secure Header to Jamb Tubes

## SECTION 4: ASSEMBLE DOOR FRAME (WITH TRANSOM)

### FOR UNITS NOT INSTALLING A TRANSOM SKIP TO SECTION 5

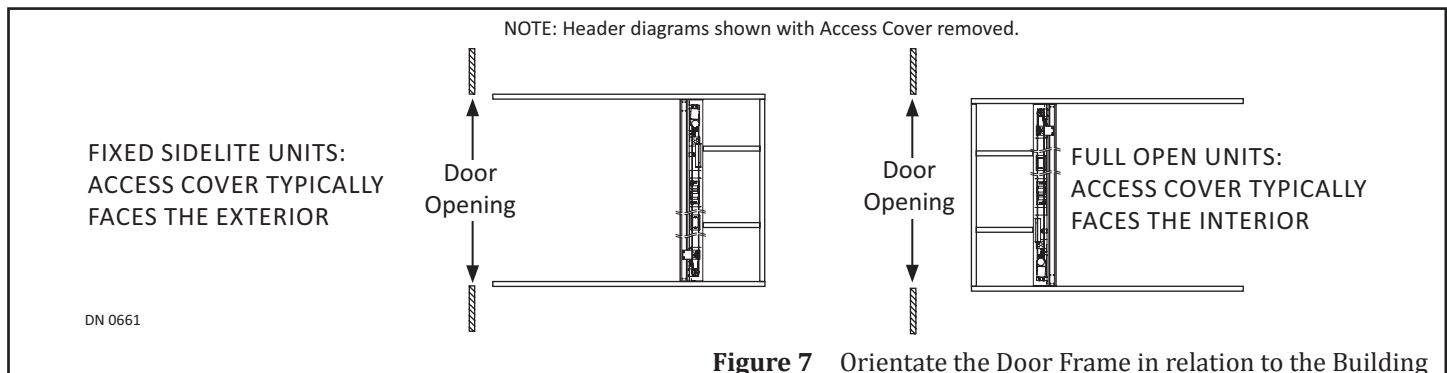
The Transom is installed on top of the Header when glass windows (or panels) are needed above the Door Unit. The Transom is used to frame glass windows or panels, with four parts:

- ▶ Transom Horizontal:
  - Secured between the top of (2) Pocketed Jamb Tubes, and the top of Rough Opening.
- ▶ Transom Vertical:
  - Secured between the Transom Horizontal and the top of Header.
  - Used to divide where windows or panels are inserted into.
- ▶ Transom Clip:
  - Installed on the Header to secure Transom Verticals.
- ▶ The Glass Stop Assembly:
  - A retaining strip mounted vertically or horizontally to hold glass windows or panels in place.



**Figure 6** Parts of Slide Door

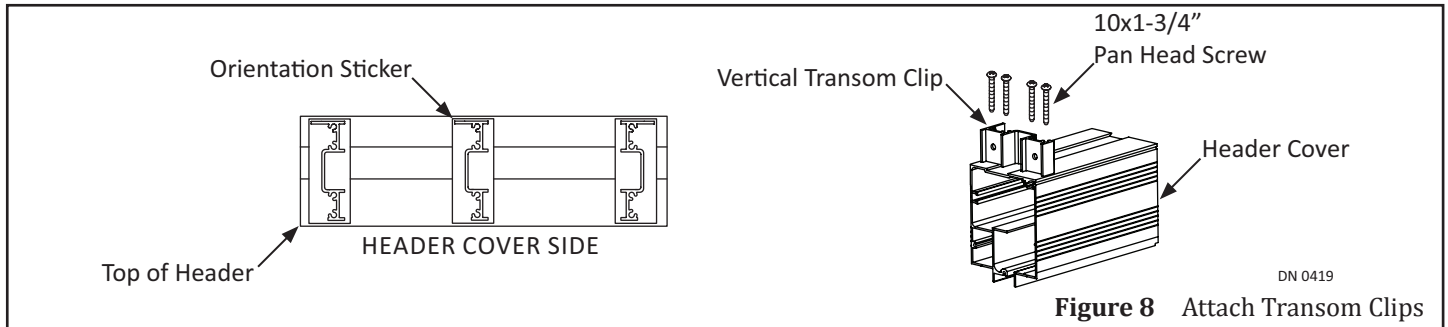
1. Position Jamb Tubes on either side of Header according to the instruction sticker located on each Jamb Tube, showing proper location and orientation.
  - a. Ensure the removable cover side of Header is facing up.
2. Orientate the Frame in relation to the building:
  - ▶ Fixed Sidelite: Removable Cover 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 7** Orientate the Door Frame in relation to the Building

### 4.1 Secure Transom Clips to Header

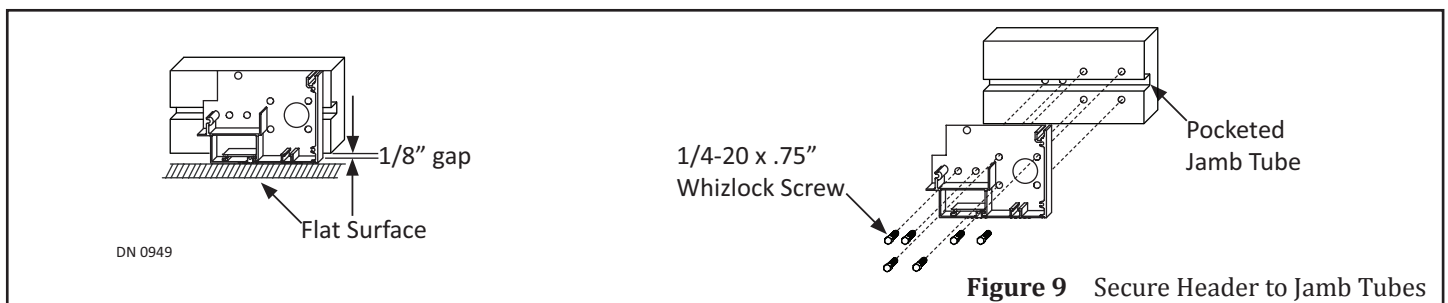
1. Locate pre-drilled holes on Header.
2. Secure Transom clips to Header with 10 x 1-3/4 inch Phillips Pan Head screws.
  - a. Please refer to the instruction sticker located on the Header for proper location and orientation.
  - b. Be sure to orientate all Transom Clips in relation to the Header cover.



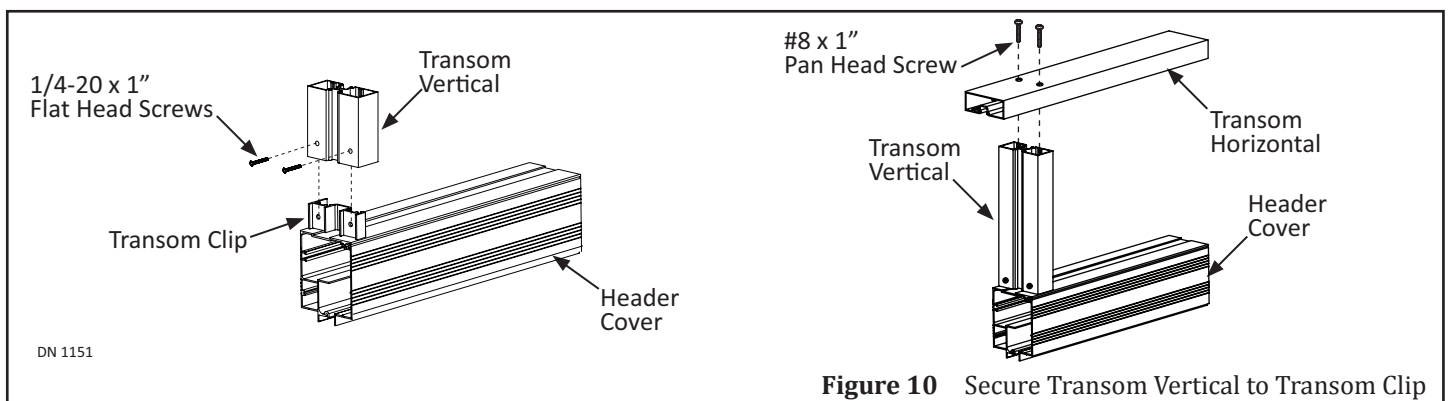
#### 4.2 Secure Header and Transom to Pocketed Jamb Tubes

*Note: 1175 Slide Door Units installed with a Transom are shipped with Pocket Jamb Tubes only.*

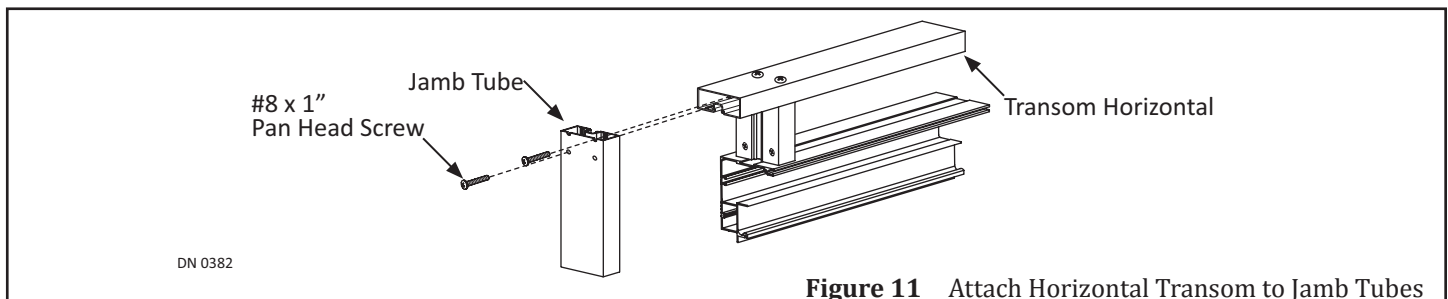
1. Place the Header between the Pocket Jamb Tubes so the removable cover side is facing up.
  - a. Ensure the Frame is still orientated in relation to the building.
2. Secure the Header to each Jamb Tube with (6) 1/4-20 x .75 Whizlock screws.
  - a. If installed correctly there will be a 1/8 inch gap between the bottom of Header and the flat surface.



3. Slide and secure each Transom Vertical onto (1) Transom clip with 1/4-20 x 1" Flat Head screws.
4. Insert #8 x 1 inch Pan Head screws into each predrilled hole located on top of the Transom Horizontal.
5. Place the Transom Horizontal onto the Transom Verticals. Tighten each #8 x 1 inch Pan Head screw.



6. Insert #8 x 1 inch Pan Head screws into each predrilled hole located on the outside face of each Pocketed Jamb Tube.
7. Align the Transom Horizontal with the Jamb Tubes. Tighten each #8 x 1 inch Pan Head screw.



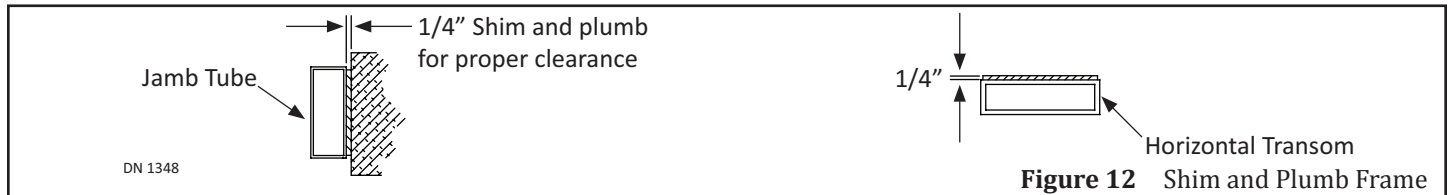
### 4.3 Install the Tie Rods

#### FOR TRANSOMS UNDER 11 FEET SKIP TO SECTION 5

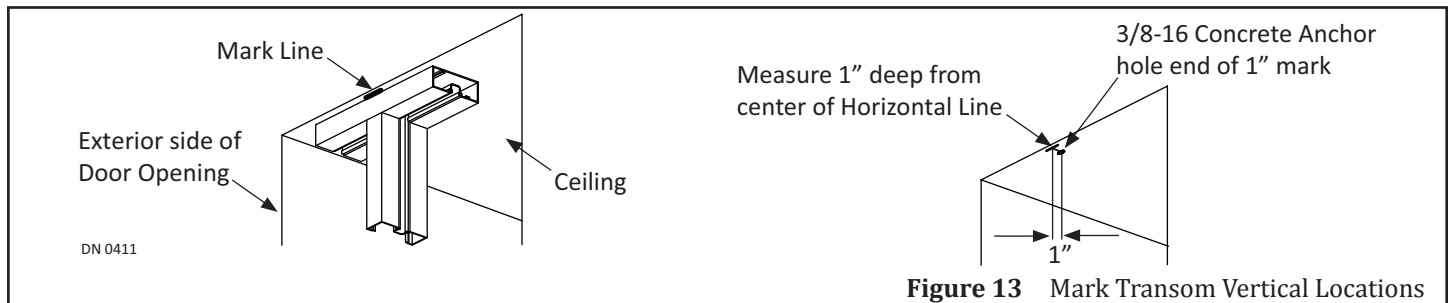
Note: Tie Rods are used for Transom Units that are 11 feet to 12 feet tall.

Note: For units taller than 12 feet, please call Technical Support at 1-866-622-8325, for installation instructions.

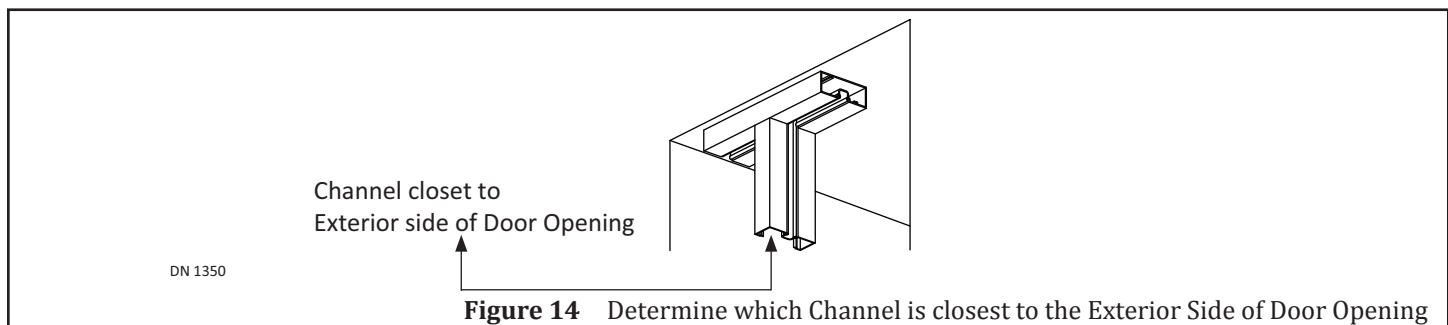
1. Lift to position the assembled Frame into the rough opening.
2. Shim and Plumb Jamb Tubes in both planes to ensure the rough opening allows a 1/4 inch clearance.
3. Shim and plumb the Transom Horizontal at the top to ensure the rough opening allows a 1/4 inch clearance.



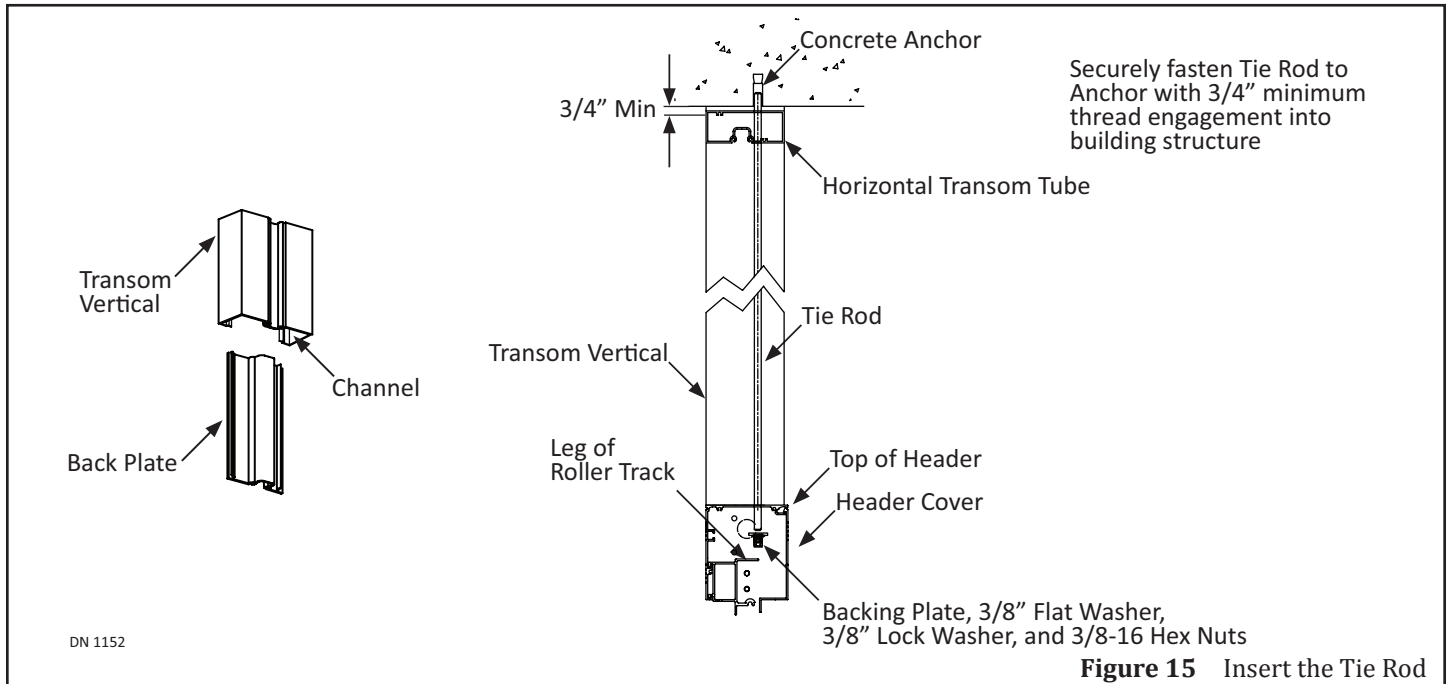
4. Go to the side of Header that is closest to the Exterior side of Door Opening,
5. Mark the exact location of each Transom Vertical by drawing a horizontal line (the full width of the Transom Vertical); along the outside edge of the Transom Horizontal; onto the ceiling of the Rough Opening.
  - a. Do not draw the line wider than the Transom Vertical.
  - b. It is recommended to use a level for this step.
6. From the center of each Horizontal line, measure 1 inch deep (towards the interior side of building). Mark a Vertical line onto the ceiling of the Rough Opening.
  - a. It is recommended to use a level for this step.



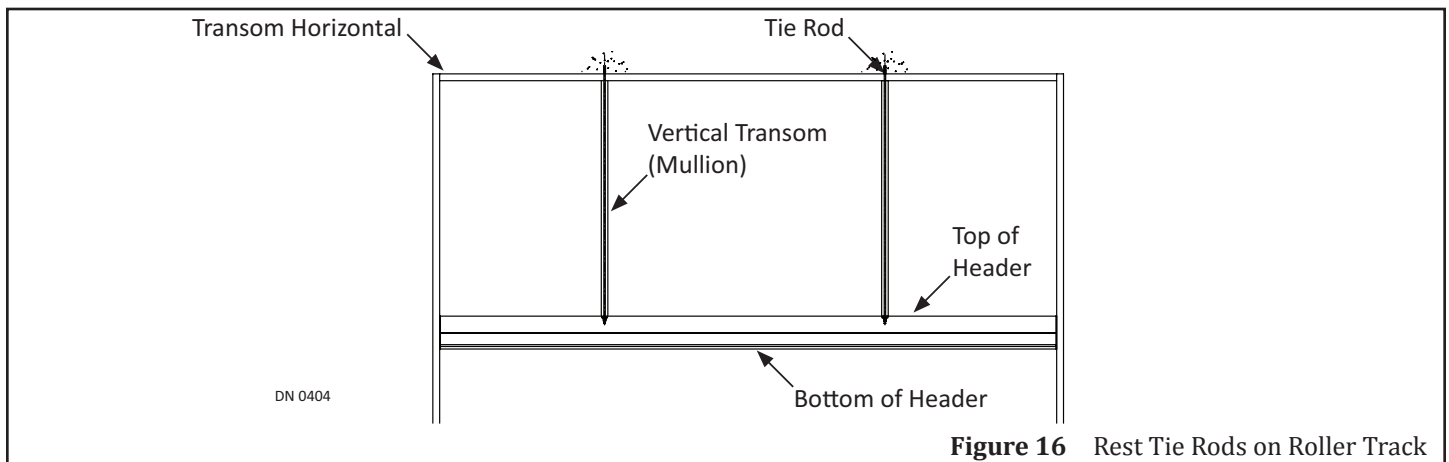
7. Carefully remove the Door Frame from the Rough Opening. Set aside.
8. At the end of each Vertical Line mark, drill (1) 3/8-16 Concrete Anchor hole into the ceiling of the Rough Opening,
9. Obtain all Tie Rods. (1) Tie Rod Parts box is shipped for each Transom Vertical.
10. Snap the Back Plate out from each Transom Vertical for easy access to the Tie Rod.
11. Transom Verticals are pocketed with (2) channels. Determine which channel is closest to the Exterior side of Door Opening.



12. Insert (1) Tie Rod into that channel.
13. Insert each Tie Rod down into the 1 inch, pre-drilled hole located at the top of Header.
14. Once the Tie Rod is through the Header, loosely attach (1) Backing Plate, (1) 3/8 inch Washer, (1) 3/8 inch Lock Washer and (1) 3/8-16 Hex Nut (in that order) to the bottom of the Tie Rod.
  - a. The length of each Tie Rod equals the distance between the top of the Header and the top of the Transom Horizontal, plus 2-5/8 inches.

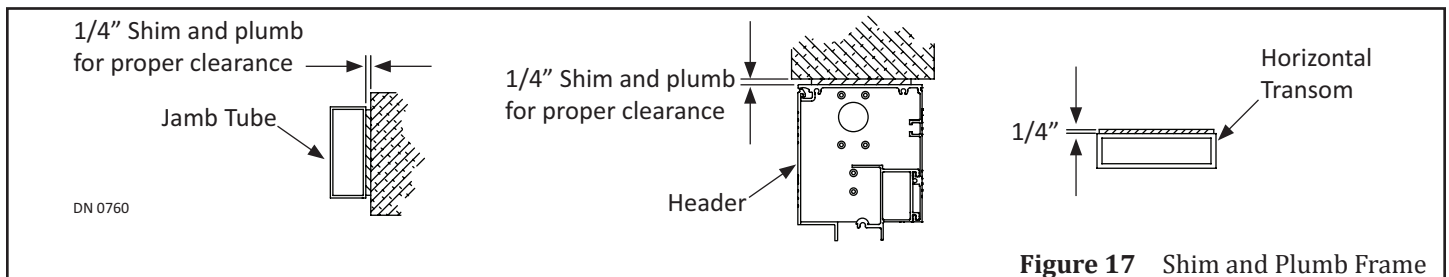


15. Allow each Tie Rod to rest on the Roller Track "Leg" within the Header.
  - a. The Tie Rod must remain inside the Transom Vertical until the Frame is fully secured into the Rough Opening.
  - b. Tie Rod Installation is completed after the Frame is installed.



**SECTION 5: SECURE DOOR FRAME TO BUILDING**

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





## 5.1 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).
- ▶ Ensure anchor heads do not come in contact with edges of glass to prevent breakage.



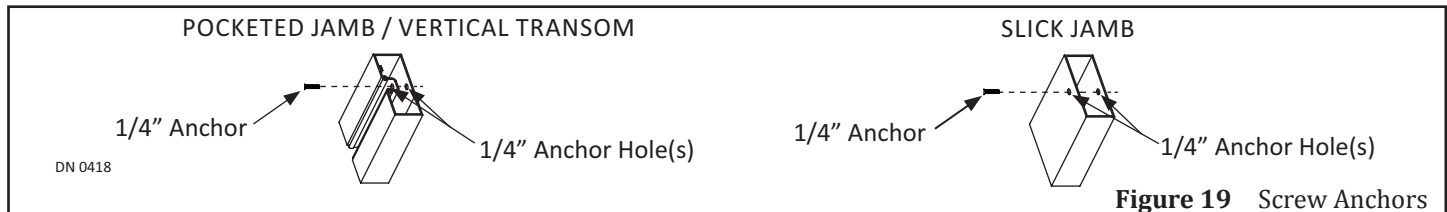
**Figure 18** Anchor Placement

*Note: It is recommended to countersink holes as required to flush the surface.*

*Note: It is recommended to drill tap threads for 1/4 inch anchors in a steel or aluminum structure.*

*Note: Do not overtighten anchors to prevent deforming Jamb Tubes.*

- ▶ 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.



**Figure 19** Screw Anchors

- ▶ Transom Horizontal
  - 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 Transom Horizontal and then countersink each hole.
- ▶ Header
  - To prevent Header sag, use 1/4 inch diameter anchors or 3/8 inch threaded rods, with a maximum 48 inches on center. First anchor maximum is 36 inches from each end of the Header. Drill 1/4 inch diameter holes inside the top of Header.

## 5.2 Complete the Tie Rod Installation (For Transom Units only)

1. After the Frame has been installed, slide each Tie Rod up the Channel into each 3/8-16 Anchor located in the ceiling.
  - a. The 3/8-16 Anchor is used to securely fasten the Frame.
2. Go to the bottom of each Tie Rod. Tighten the 3/8-16 Hex Nut and 3/8 inch Lock Washer to secure the Backing Plate.
3. Snap the Back Plate back into each Transom Vertical.
  - a. It may be necessary to use a rubber mallet to slightly tap the Back Plate into place.
  - b. Protect the surface of the Back Plate before hitting it with a rubber mallet.

## SECTION 6: 120 VAC GENERAL WIRING

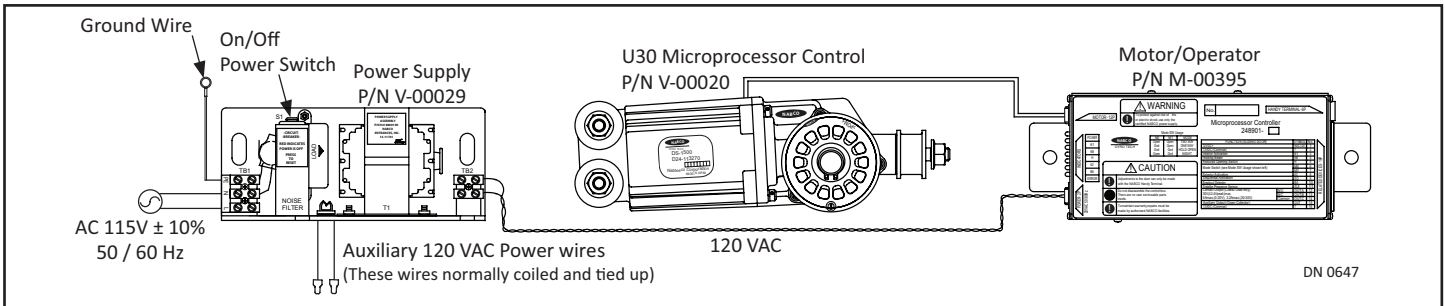
### **WARNING**

**Shut the installation site, branch Circuit Breaker OFF. Failure to do so may result in serious personal or fatal injury. When uncertain whether power supply is disconnected, always verify using a voltmeter**

- WARNING** All high voltage electrical connections must be made by licensed electricians according to National and Local electrical codes/regulations.
- CAUTION** Permanent wiring shall be employed as required by local codes.
- CAUTION** Keep all Incoming 120 VAC wiring separate from low voltage wiring within Header. 120 VAC Power wires must be routed (separate from other wiring) located near the top of inside Header.
- CAUTION** Ensure that the Grounding of the Electric Power Supply is installed/connected in a proper way (especially the PE Cable from the Building Side).

**Attention:** Insert all Incoming 120 VAC Power wires into the pre drilled Electric Service Access Hole located at the left or right side of Header End Cap.

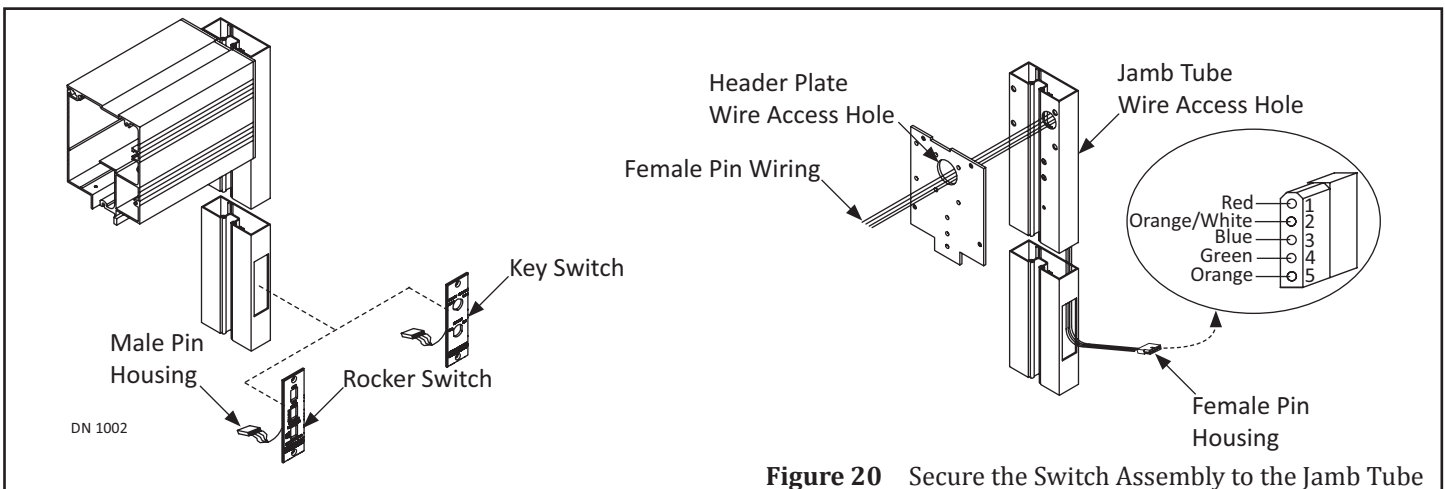
*Note:* It is recommended for the Installer to house all Incoming 120 VAC wires within an Electrical Conduit.



**SECTION 7: WIRE THE SWITCH ASSEMBLY**

- Note:* Do not secure the Switch Assembly to the Jamb Tube until after the Slide door installation is complete.
- Note:* The U30 Microprocessor Control, Main Harness comes in three lengths: 36 inches, 72 inches, and 80 inches. The length used is dependant upon the type of installation.
- Note:* The Rocker Switch and the Key Switch are both installed the same way.

1. Go inside the Header. Locate the Pin wiring that is attached to the Main Harness.
2. Draw the Pin wiring through a hole located at the side of Header and Jamb Tube. Continue to route down the Jamb Tube.
3. Pull the Pin Wiring through the cut out.
4. Obtain (1) loose 5 Circuit Pin Housing from the Parts Box.
5. Insert each Pin into the 5 Circuit Pin Housing accordingly:
  - a. 1 = Red, 2 = Orange, 3 = Blue, 4 = Green, 5 = Orange
6. Connect the Switch Harness from the back of the Switch Assembly to the Main Harness.
  - a. Place extra wiring back inside the Jamb Tube.
7. Insert the Switch Assembly into the Cut Out.
8. Secure the Switch Assembly to the Jamb Tube with (2) 10-32 x 1/2 inch Phillips Head Screws.



**Figure 20** Secure the Switch Assembly to the Jamb Tube

**SECTION 8: LAY DOWN THE THRESHOLD (OPTIONAL)**

**FOR UNITS NOT INSTALLING A THRESHOLD  
SKIP TO SECTION 9**

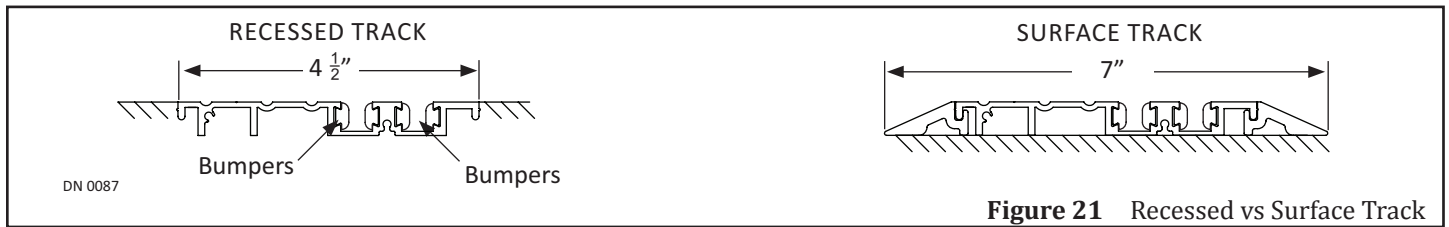
*Note: Do Not permanently secure the Threshold until the Slide Door has been installed. Doing so may cause misalignment.*

*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.*

*Note: 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.*

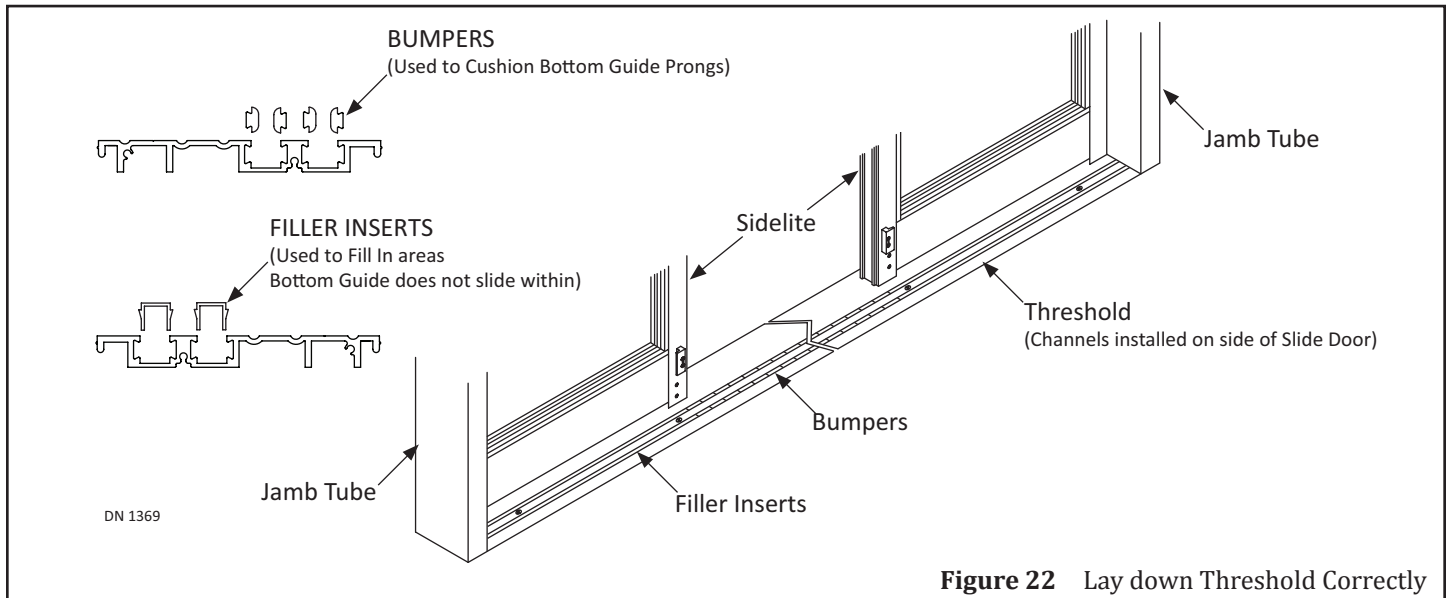
Standard Thresholds vary in width and can be installed two different ways:

- ▶ 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 21** Recessed vs Surface Track

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

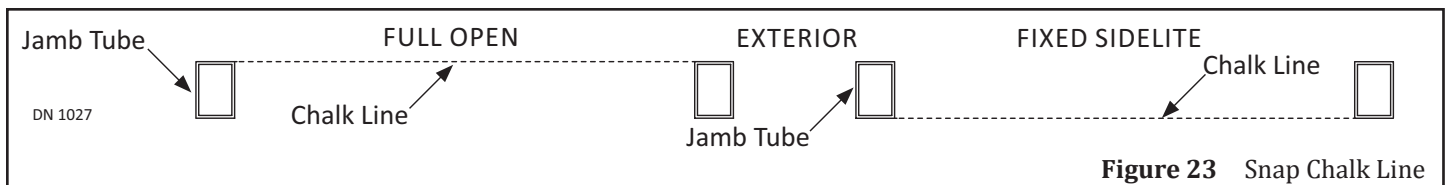


**Figure 22** Lay down Threshold Correctly

**8.1 Install the Surface Threshold**

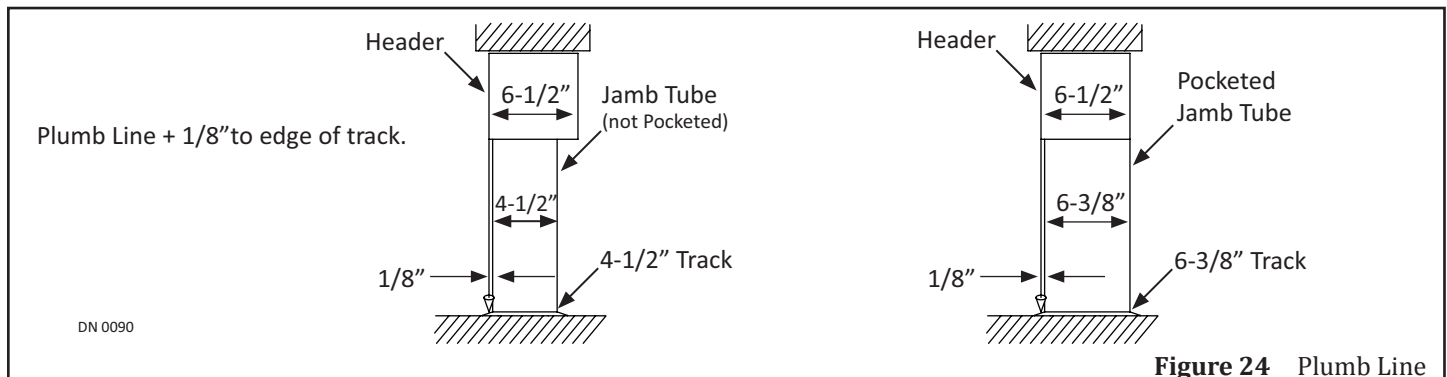
**FOR UNITS WITH RECESSED THRESHOLDS  
SKIP TO SUBSECTION 8.2**

1. Obtain the Surface Threshold.
2. Snap a chalk line on the floor from Jamb to Jamb.
  - ▶ Full Open: On the Exterior side
  - ▶ Fixed Sidelite: On the Interior side

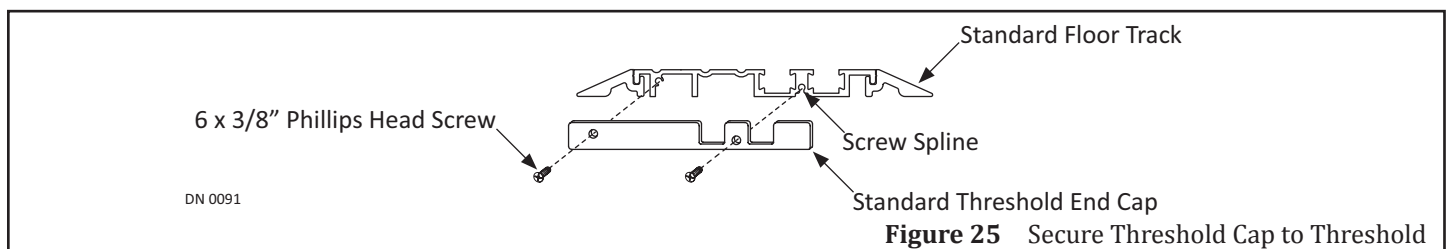


**Figure 23** Snap Chalk Line

3. Position the Threshold until the full length is flush with the chalk line.
4. Hang a Plumb Bob from the Header.
5. Ensure the outside edge of the Threshold is 1/8 inch from the Plumb line.



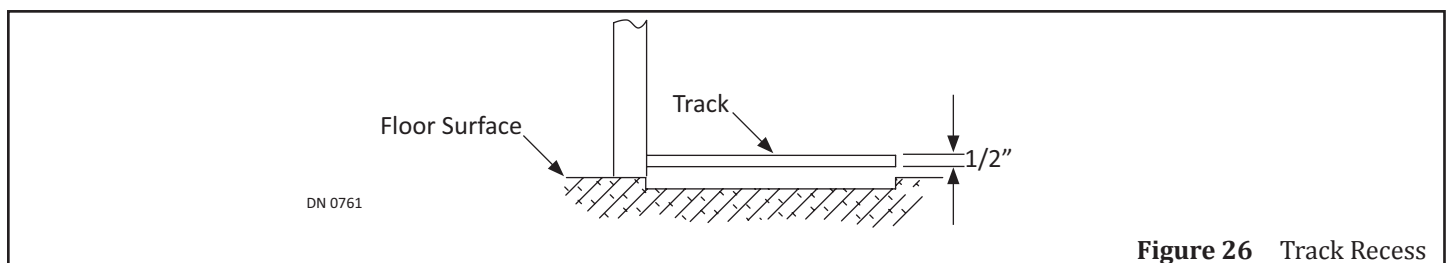
6. Locate (2) screw splines on each end (exposed side) of the Threshold.
7. Secure (1) Threshold End Cap to each screw spline with (2) 6 x 3/8 inch Phillips Head screws.
  - a. Use a 1/8 inch diameter drill bit to make the screw spline bigger if the Threshold End Cap can not be properly secured with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



8. Do not permanently install the Surface Threshold until the Slide Doors are completely installed. Please see instructions within SECTION 11.

## 8.2 Recessed Threshold

1. Snap a chalk line on the floor from Jamb to Jamb on both sides.
2. Create a channel that is 1/2 inch deep, full width of Jamb Tubes, and full length of Threshold.
3. Place the Threshold inside the channel so the full length is flush with the chalk line.
4. If not installed: Install Filler and Bumper inserts according to 8.1, steps 1 - 2.

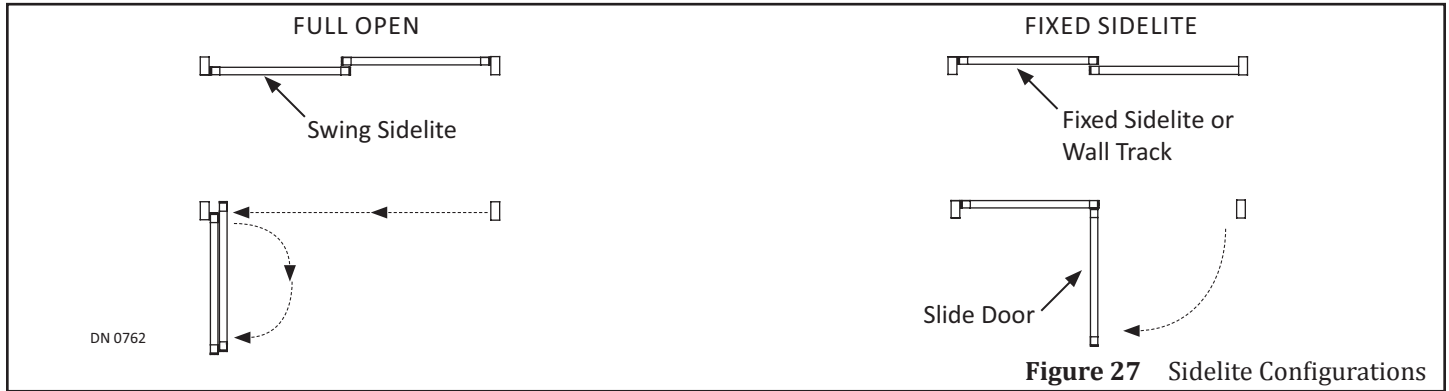


5. Do not permanently install the Surface Threshold until the Slide Doors are completely installed. Please see instructions within SECTION 11.

## SECTION 9: INSTALL THE SIDELITE

There are (2) Sidelite Configurations:

- ▶ Full Open: The Swing Sidelite has breakout capabilities. Both the Swing Sidelite and Slide door must breakout at the same time.
- ▶ Fixed Sidelite: The Fixed Sidelite does not have breakout capabilities. Only the Slide door can breakout.



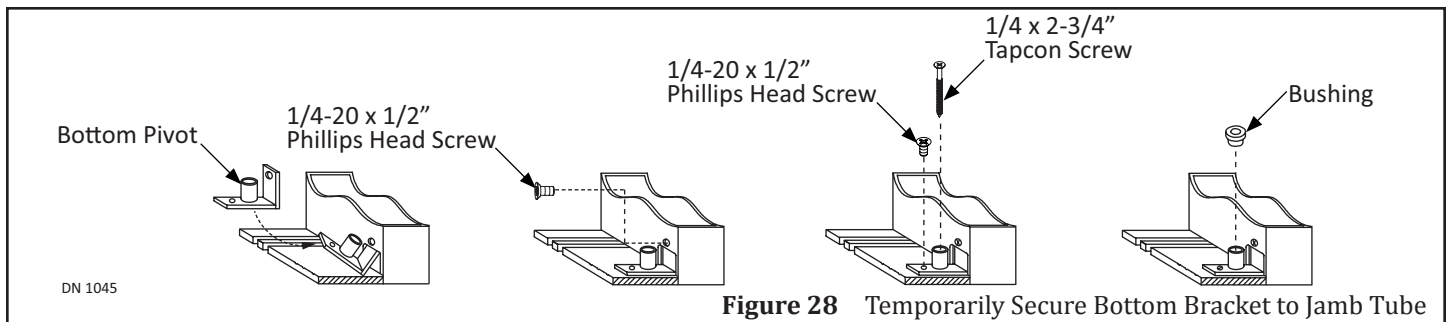
**Figure 27** Sidelite Configurations

**9.1 Full Open Sidelite**

*FOR FIXED SIDELITE UNITS SKIP TO SUBSECTION 9.2*

**9.1.1 Install the Bottom Pivot**

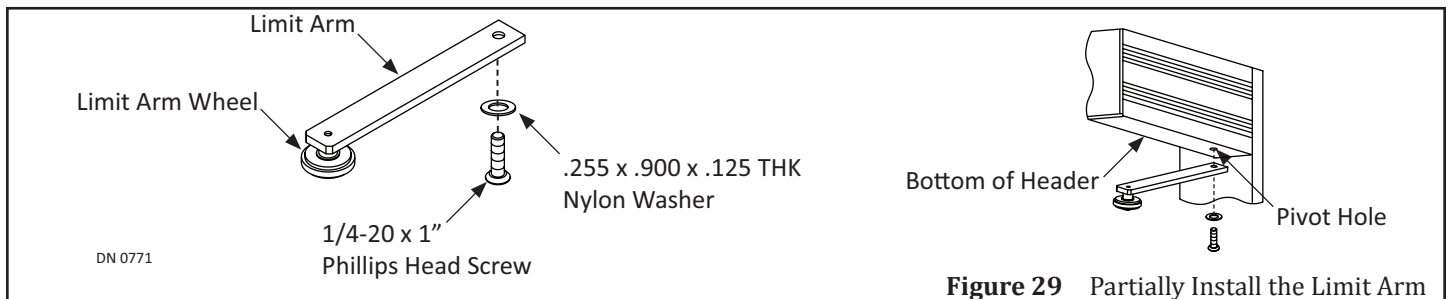
1. Go to the bottom of the Pivot Jamb Tube. Insert the Bottom Pivot into the hole.
2. Secure the Bottom Pivot to the Pivot Jamb Tube with (1) 1/4-20 x 1/2 inch Phillips Head screw.
3. Go to the screw hole located in front of the Barrel.
4. Secure the Floor Pivot to the Threshold with (1) 1/4-20 x 1/2 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 28** Temporarily Secure Bottom Bracket to Jamb Tube

**9.1.2 Partially Install the Limit Arm**

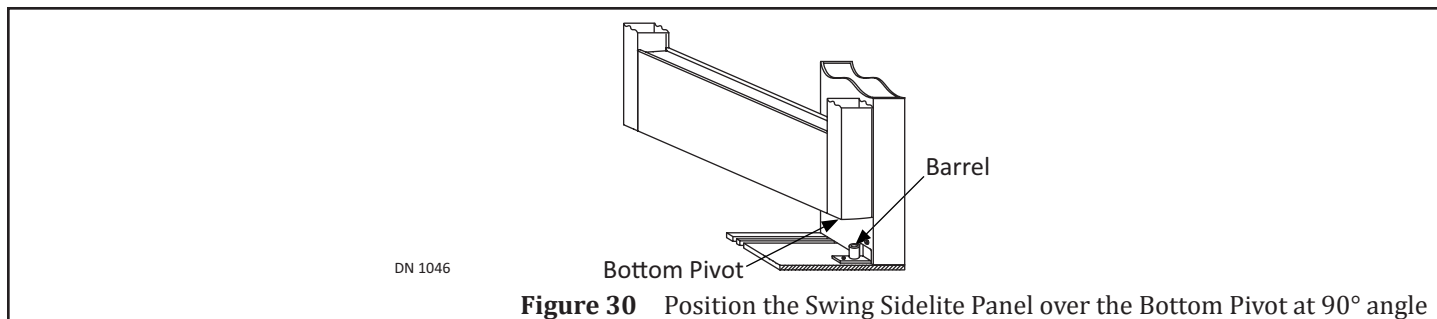
1. Slide (1) .255 ID x .900 OD x .125 THK Nylon Washer onto (1) 1/4-20 x 1 inch Phillips Head Screw.
2. Go underneath the Limit Arm. Insert the Washer and Screw up into the screw hole.
3. Go to the pre-drilled screw hole located at the bottom of Header (on the Pivot Side of Sidelite).
4. Secure the Limit 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 29** Partially Install the Limit Arm

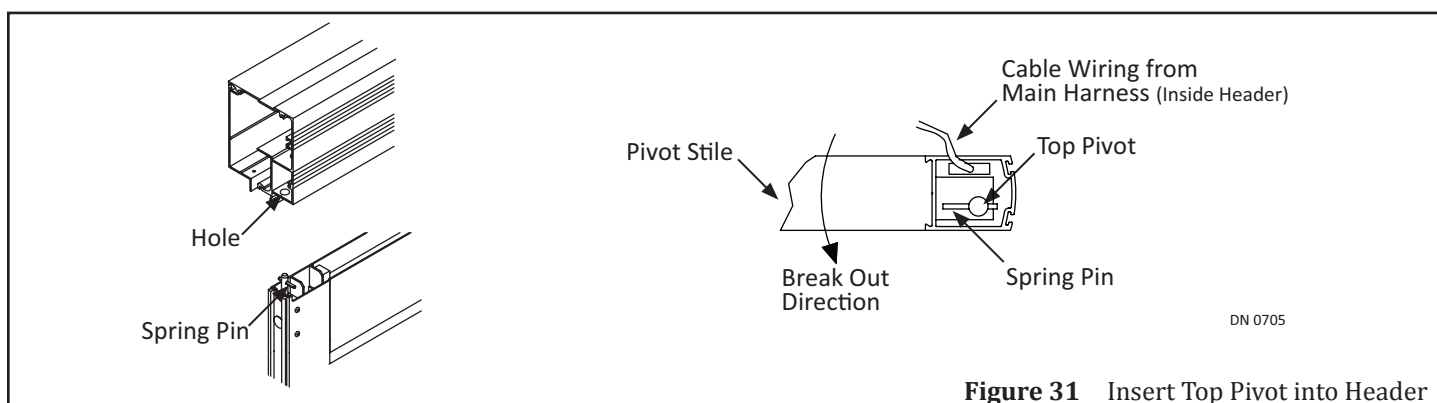
**9.1.3 Install the Full Open Sidelite onto the Upper Pivot and Bottom Pivot**

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



**Figure 30** Position the Swing Sidelite Panel over the Bottom Pivot at 90° angle

2. Go to the Top Pivot that is preinstalled 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.



**Figure 31** Insert Top Pivot into Header

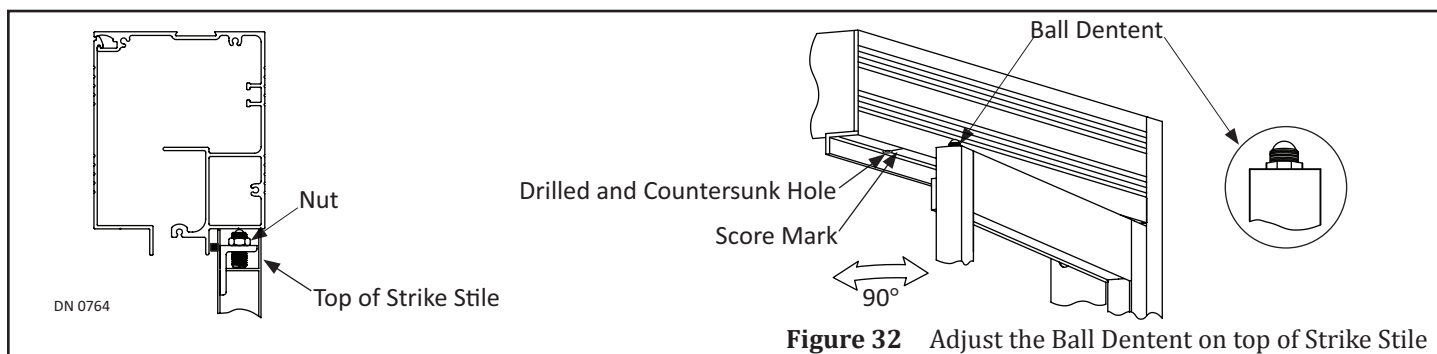
**9.1.4 Complete Installation of the Limit Arm**

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.

**9.1.5 Adjust the Ball Detents**

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

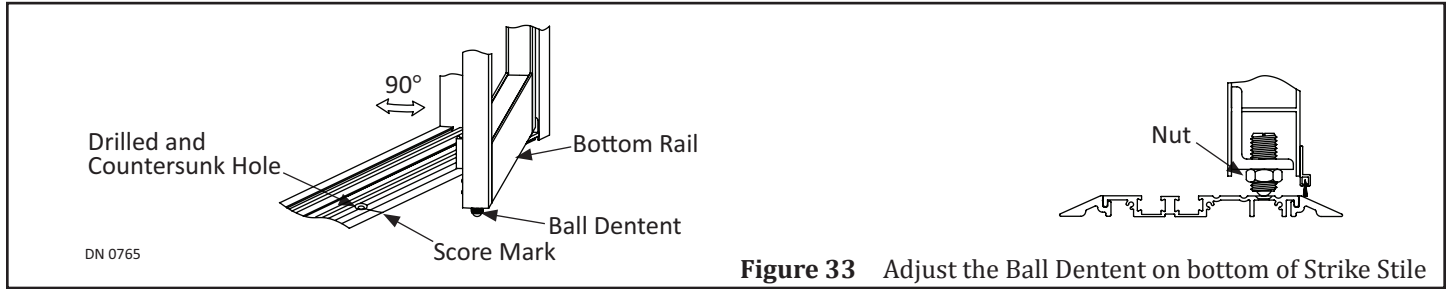
1. Go to the top of the Strike Stile. With a 15/16" Open End wrench, loosen the Nut to raise or lower the Ball Detent so it has light contact with the Bottom of Header.
2. Open and close the Swing Door several times to score the surface on the Bottom of Header locate and mark where the Score intersects 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°.



**Figure 32** Adjust the Ball Dentent on top of Strike Stile

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 Dentent to fit within). Countersink the screw hole to be 1/4 inch x 82°.



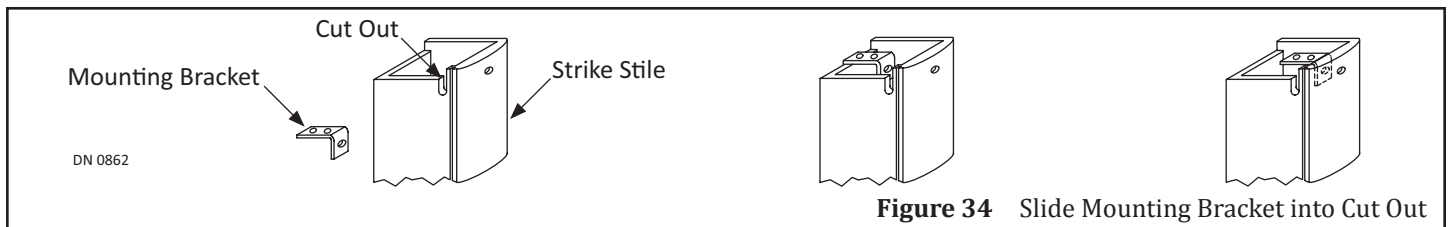
7. Close and then break open the Swing door to test fit for both Ball Detents.
  - a. To adjust the fit, increase the size of the hole and countersink.
  - b. Do Not over-drill the hole. If hole is overdrilled the Threshold will need to be replaced.
  - c. For additional travel remove the Ball Detent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

## 9.2 Fixed Sidelite

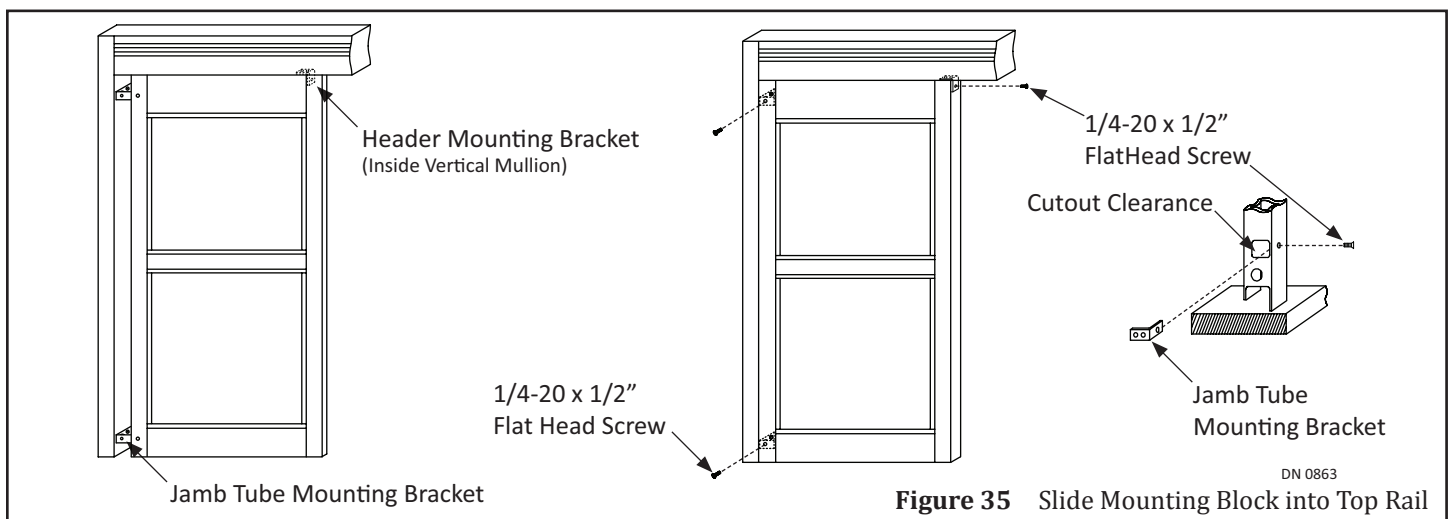
### FOR FULL OPEN UNITS SKIP TO SECTION 10

#### 9.2.1 Secure the Fixed Sidelite to the Door Frame

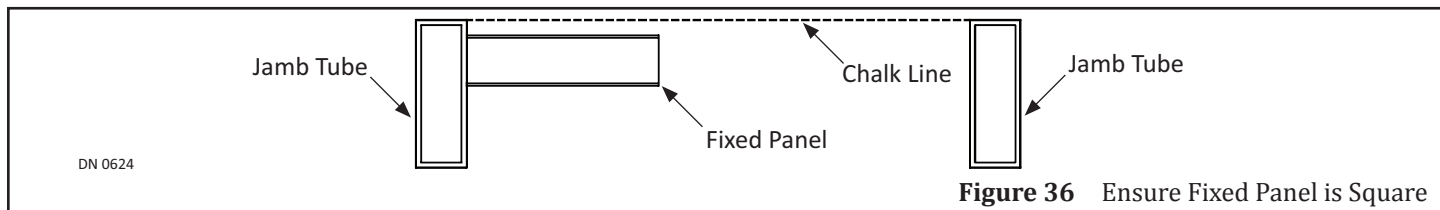
1. Locate (1) cut out at the top of Strike Stile. Align and then slide the Fixed Sidelite until (1) mounting bracket (preinstalled under the Bottom Lip of Header) can be seated inside the Cut Out.



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



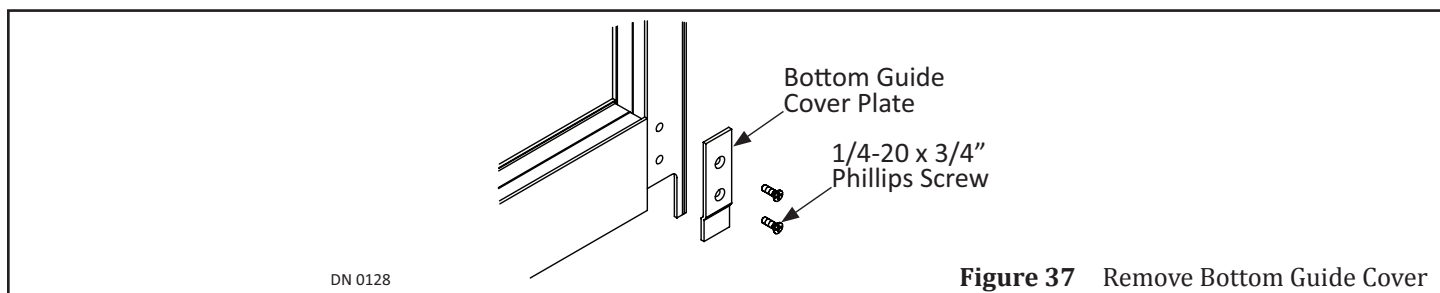
4. Snap a chalk line between Jamb Tubes in front of Sidelite Panel. If the Sidelite Panel runs parallel to chalk line, it is square.
5. Secure the Fixed Sidelite Panel to all (3) Mounting Brackets with 1/4-20 x 1/2 inch Flat Head Screws.



**Figure 36** Ensure Fixed Panel is Square

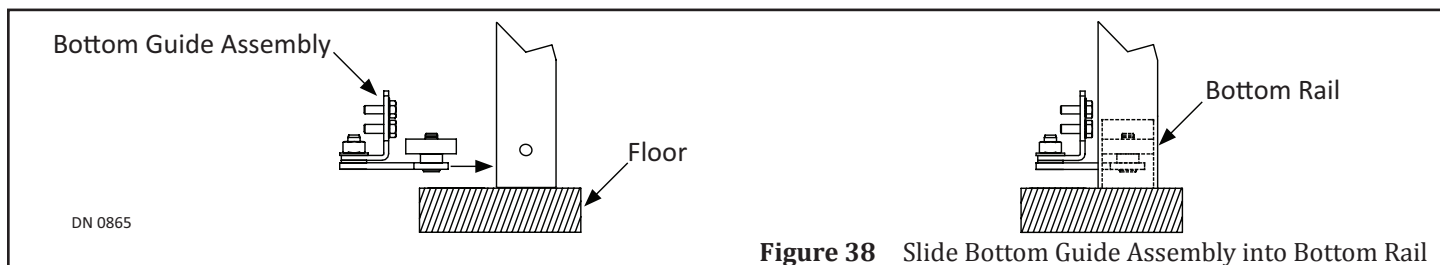
**9.2.2 Insert the Bottom Guide Double Roller Assembly under the Strike Stile**

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



**Figure 37** Remove Bottom Guide Cover

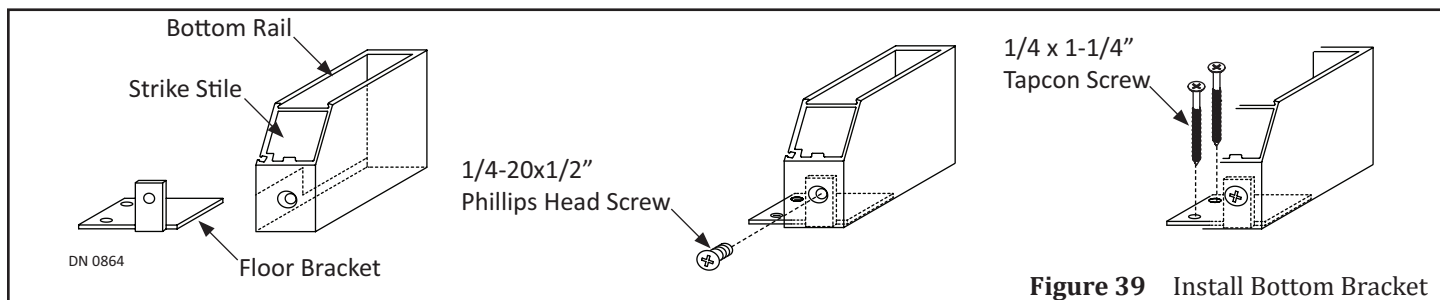
2. Install the Bottom Guide Double Roller Assembly by sliding (2) rollers into the Bottom Rail so the Bracket sticks out from underneath (in direction of where the Slide door is to be installed).
3. Use the Bracket to slide the Bottom Guide Double Roller Assembly towards the Pivot Stile.



**Figure 38** Slide Bottom Guide Assembly into Bottom Rail

**9.2.3 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 rocking.
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 39** Install Bottom Bracket

**SECTION 10: INSTALL THE SLIDE DOOR**

**10.1 Secure the Slide Door Carrier 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.



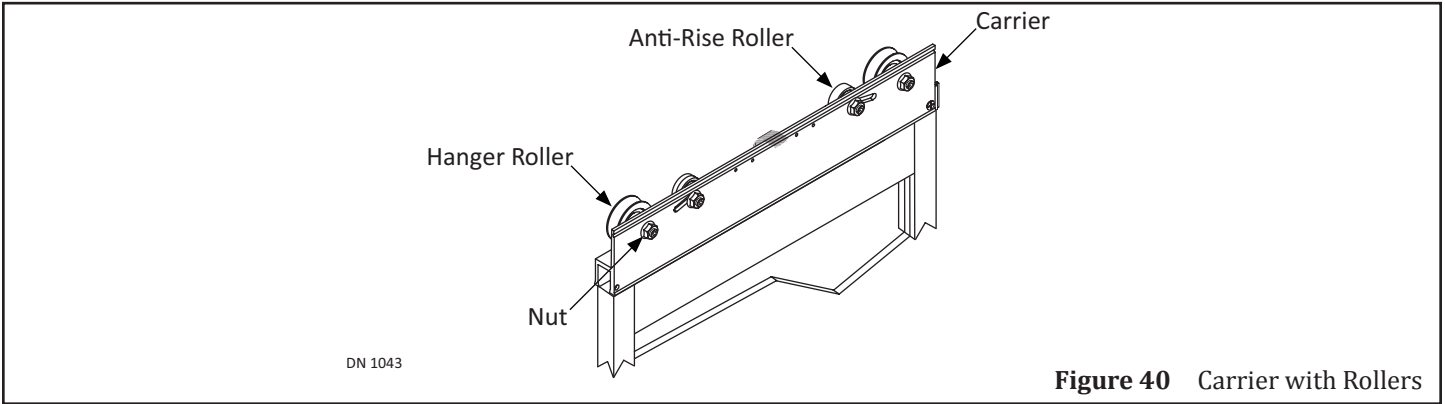


Figure 40 Carrier with Rollers

**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.

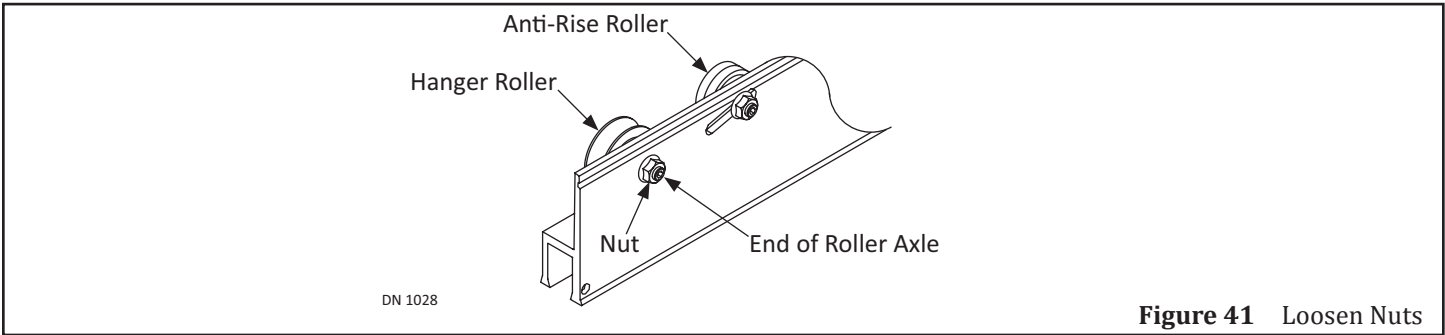


Figure 41 Loosen Nuts

3. Lift and then slightly tilt the Slide door to place all (4) Rollers onto the track (located inside the Header).

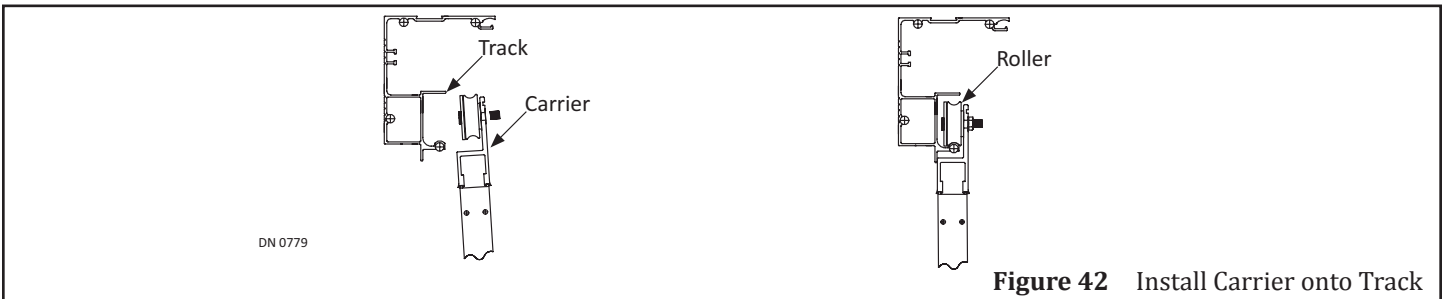


Figure 42 Install Carrier onto Track

4. Secure the Belt Clip to the Carrier with (2) 1/4-20 x 3/4 inch Whiz-Lock screws.
  - a. Long Belt Clips are installed on Single Slide Door Units or Lead Slide Doors for Simultaneous Pair Units.
  - b. Short Belt Clips are installed on Trail Doors for Simultaneous Pair Units; to the left side of Carrier.



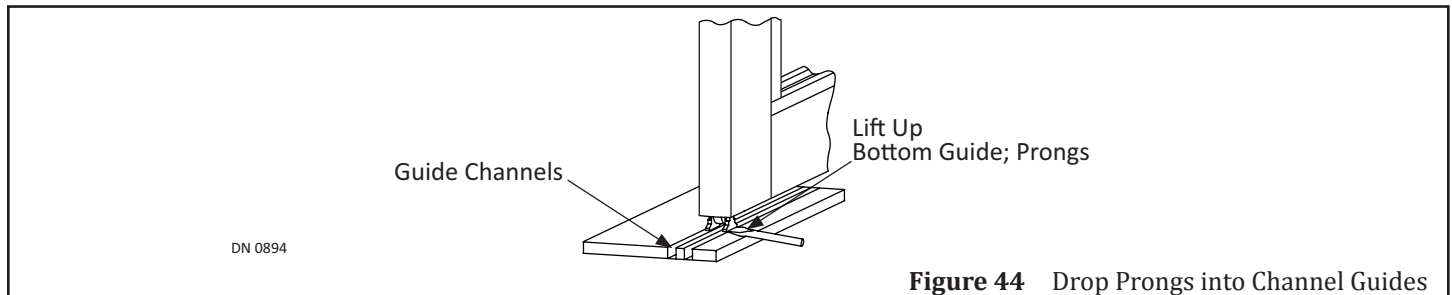
Figure 43 Secure Belt Clips to Carrier

## 10.2 Install Bottom Guides

### 10.2.1 Insert Bottom Guide into the Threshold (Full Open Sidelite)

**FOR FIXED SIDELITE UNITS**  
**SKIP TO SUBSUBSECTION 11.2.2**

1. Locate the Bottom Guide Assembly that was preinstalled inside the Slide Door Strike Stile.
2. Lift up the Prongs until the Bottom Guide is directly above the Guide Channels. Drop the Prongs into the Guide Channels.

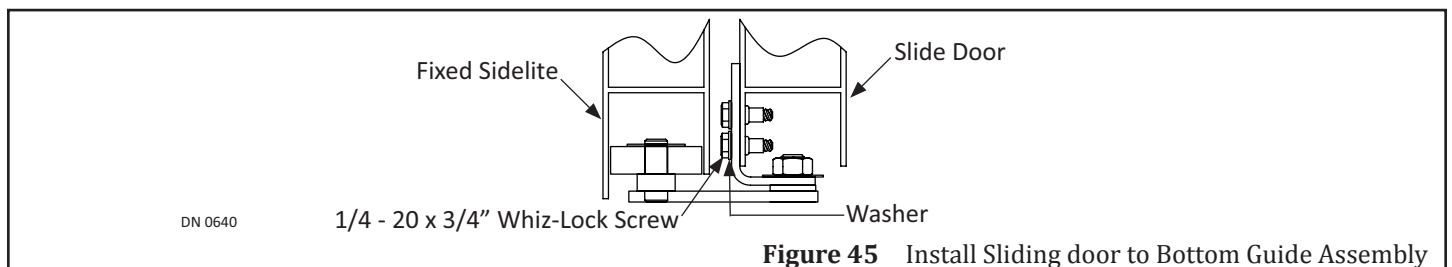


**Figure 44** Drop Prongs into Channel Guides

### 10.2.2 Secure the Bottom Guide Double Roller Assembly to the Slide Door (Fixed Sidelite)

**FOR FULL OPEN UNITS**  
**SKIP TO SUBSECTION 11.3**

1. Go to the Bottom Rail of Fixed Sidelite.
2. Locate the Bottom Guide Double Roller Assembly.
  - a. The Bracket will be sticking out from underneath.



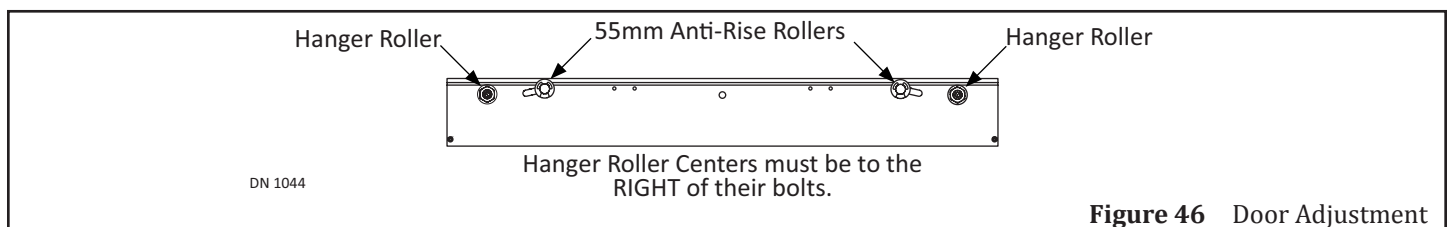
**Figure 45** Install Sliding door to Bottom Guide Assembly

3. Slide the Slide Door's Pivot Stile onto the Bracket.
4. Support the weight of the Fixed Sidelite.
5. Breakout the Slide door to Full Open position.
6. Secure the Bracket to the Pivot Stile with (2) 1/4 - 20 x 3/4 inch Whiz-Lock screws.

## 10.3 Adjust the Rollers

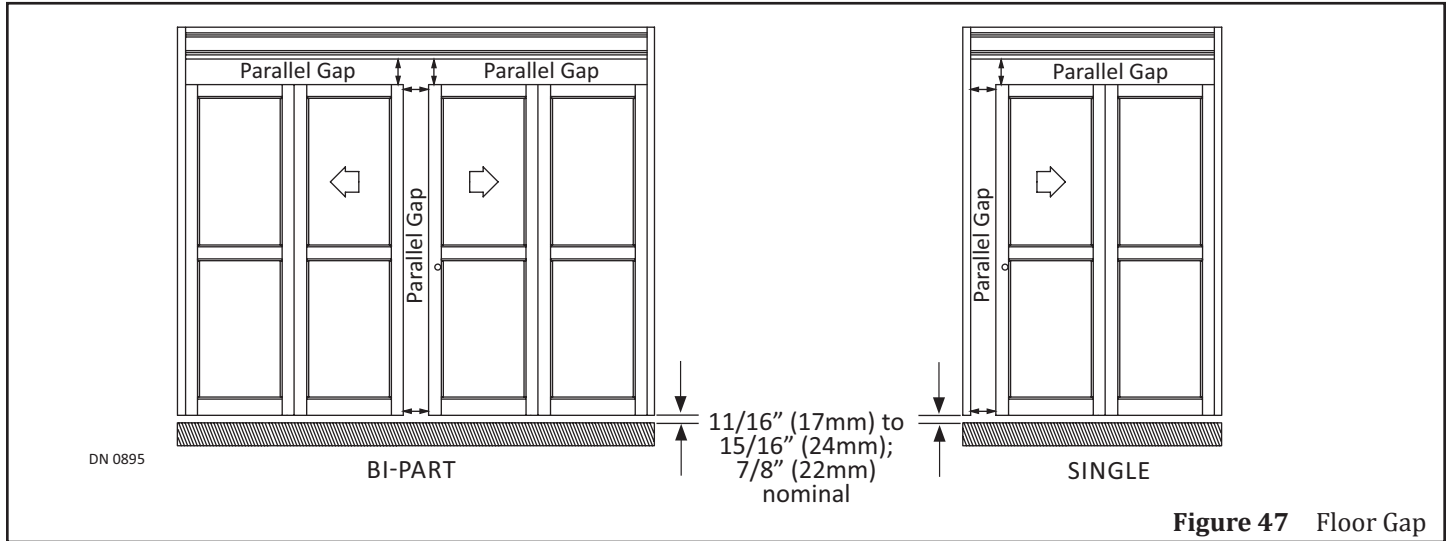
### 10.3.1 Hanger Rollers

1. Raise or lower the Slide door by turning the Axle 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.



**Figure 46** Door Adjustment

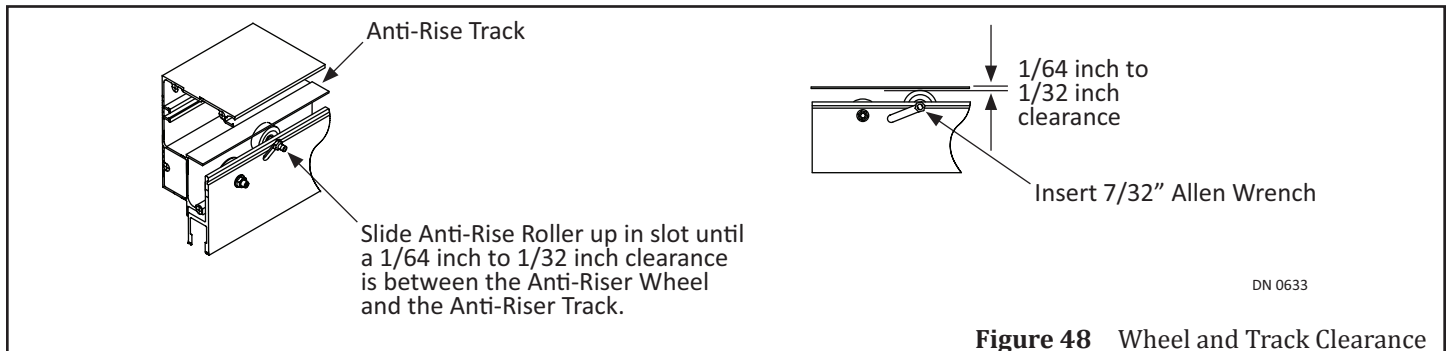
2. Ensure the Leading Edge of the Slide door and (other Slide door or Jamb Tube) are parallel.
3. Ensure the Leading Edge of the Slide door and Header are parallel.
4. Tighten the 7/16-20 Whizlock nuts. Do not overtighten.



**Figure 47** Floor Gap

**10.3.2 Anti Rise Rollers**

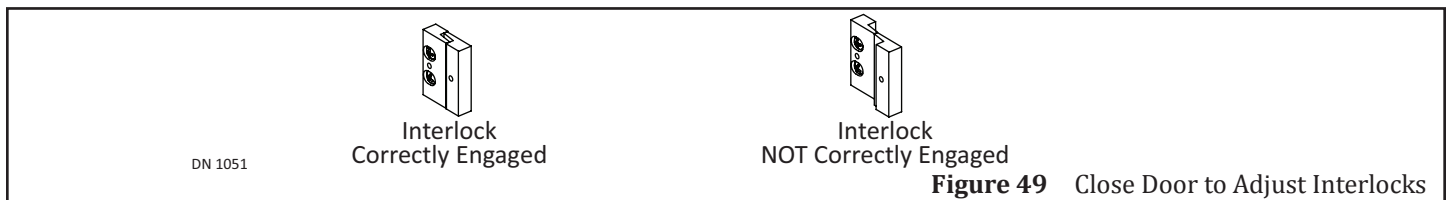
1. Loosen (2) Anti-Rise Rollers located towards the middle of the Carrier.
2. Slide the Anti-Rise Roller up or down within the slot until there is 1/64 inch to 1/32 inch gap between the Roller Wheel and the Top Track. The Gap should be about the same thickness as a credit card.
3. Tighten the 7/16-20 Whizlock nuts. Do not overtighten.



**Figure 48** Wheel and Track Clearance

**10.4 Adjust the Interlocks**

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

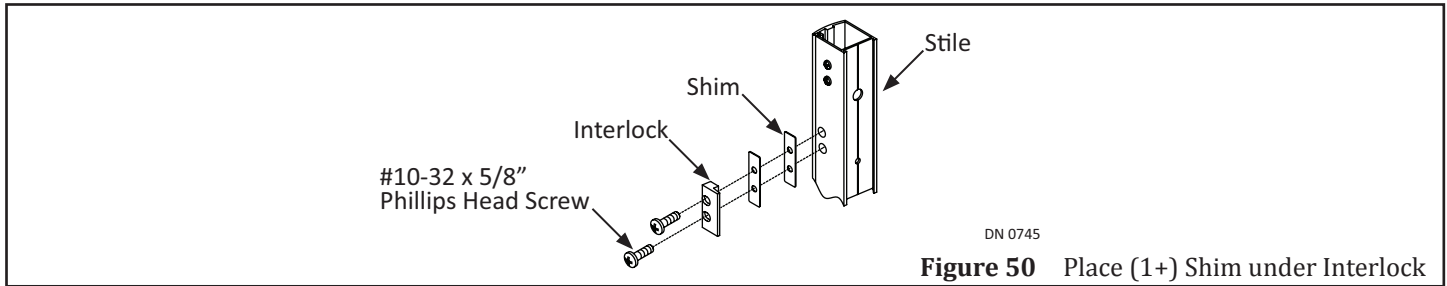


**Figure 49** Close Door to Adjust Interlocks

**10.4.1 Adjust the Interlock**

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

1. Obtain (1) parts bag containing (4) Shims that was taped to the Slide Door at the NABCO factory.
2. Remove the Interlock on the Sidelite, Strike Stile.
3. Place (1+) shims directly underneath the Interlock. Line up the screw holes.
4. 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.

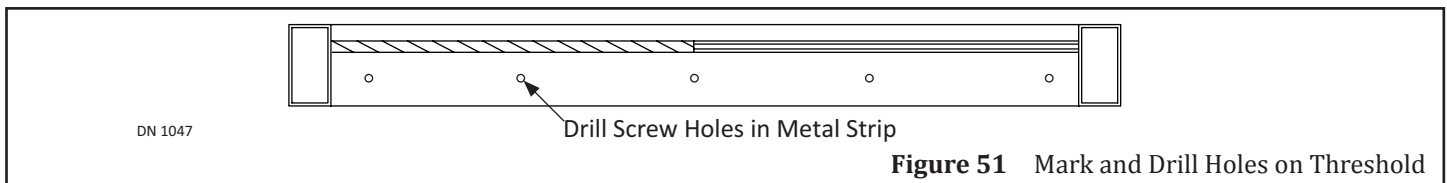


**Figure 50** Place (1+) Shim under Interlock

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

**SECTION 11: PERMANENTLY INSTALL THE THRESHOLD**

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

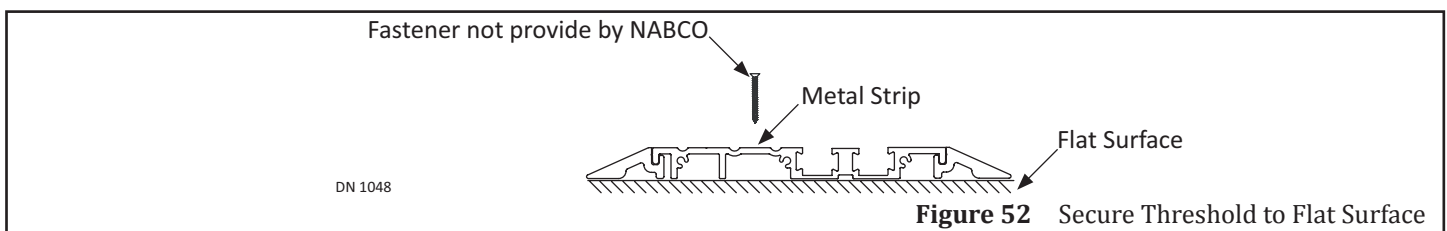


**Figure 51** Mark and Drill Holes on Threshold

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. Secure the Threshold with Fasteners not provided by NABCO.

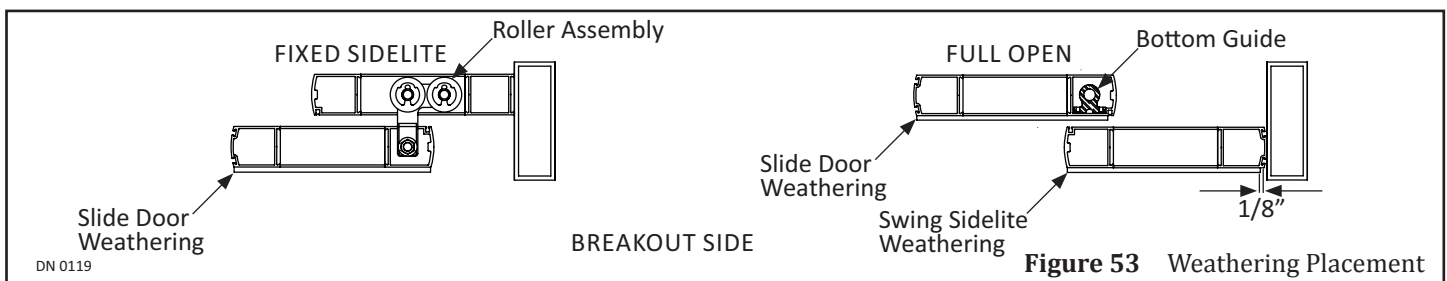
**11.1 Threshold Maintenance**

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



**Figure 52** Secure Threshold to Flat Surface

**SECTION 12: INSTALL WEATHERING**



**Figure 53** Weathering Placement

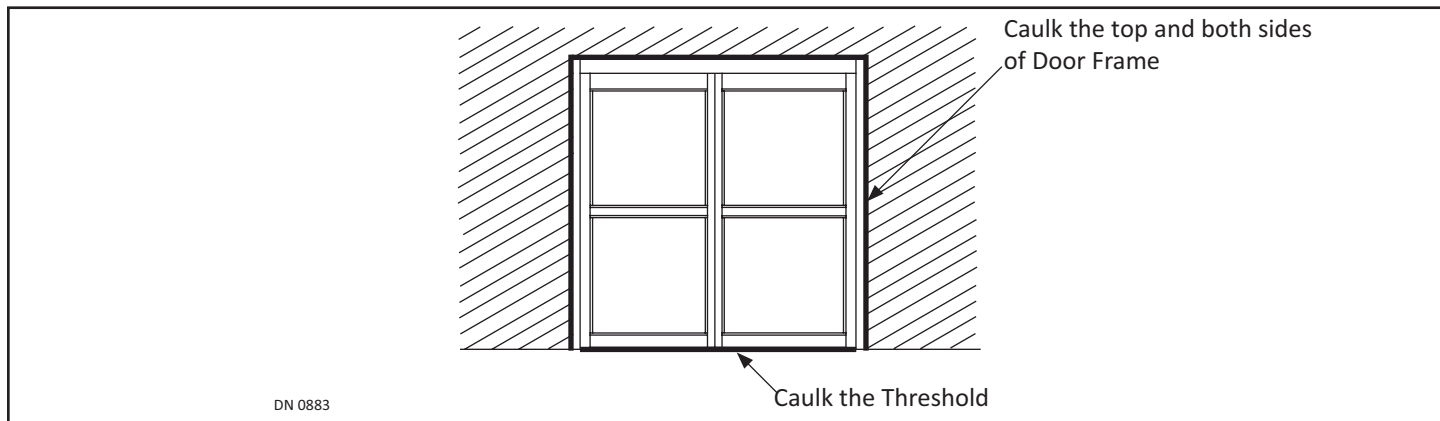
1. Install Brush by sliding it into the Brush Holder:
  - ▶ Fixed Sidelite
    1. Secure the Brush Holder against the Bottom Rail of Slide door with (3) #6 x 1/2 inch self tapping screws.

► 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.

### 12.1 Apply Caulking Bead

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).
3. Apply caulking bead to the Threshold at the bottom of Door Frame.



## SECTION 13: INSTALL THE GLASS STOPS

### WARNING

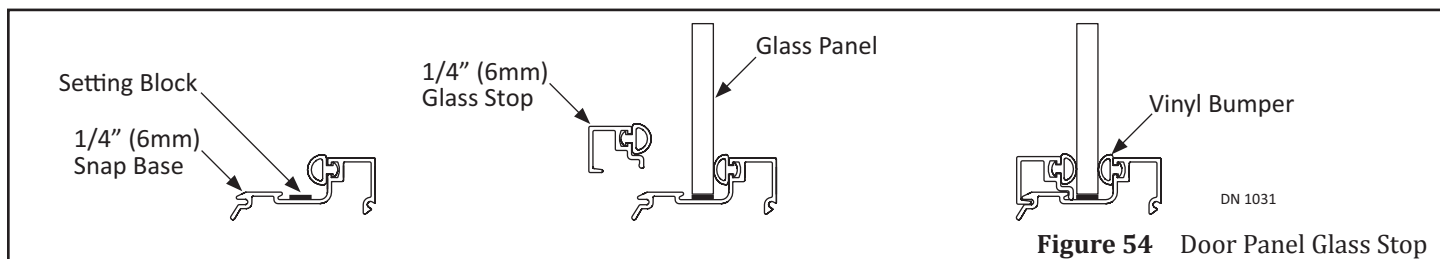
**Glazer must be fully trained and qualified. Failure to do so may result in bodily injury, or property damage.**

*Note: Ensure the installation area is free of debris and/or sharp objects. Failure to do so may damage the glass or contaminate the glazing process.*

### 13.1 Door Panel

*Note: The Snap Base and Vinyl Seals/Gaskets are preinstalled at the NABCO Factory.*

1. Ensure the Snap Base is free of debris and/or sharp objects.
2. Install the Setting Blocks (not provided by NABCO) and Glass Panel.
3. Snap the Glass Stop into the Snap Base.



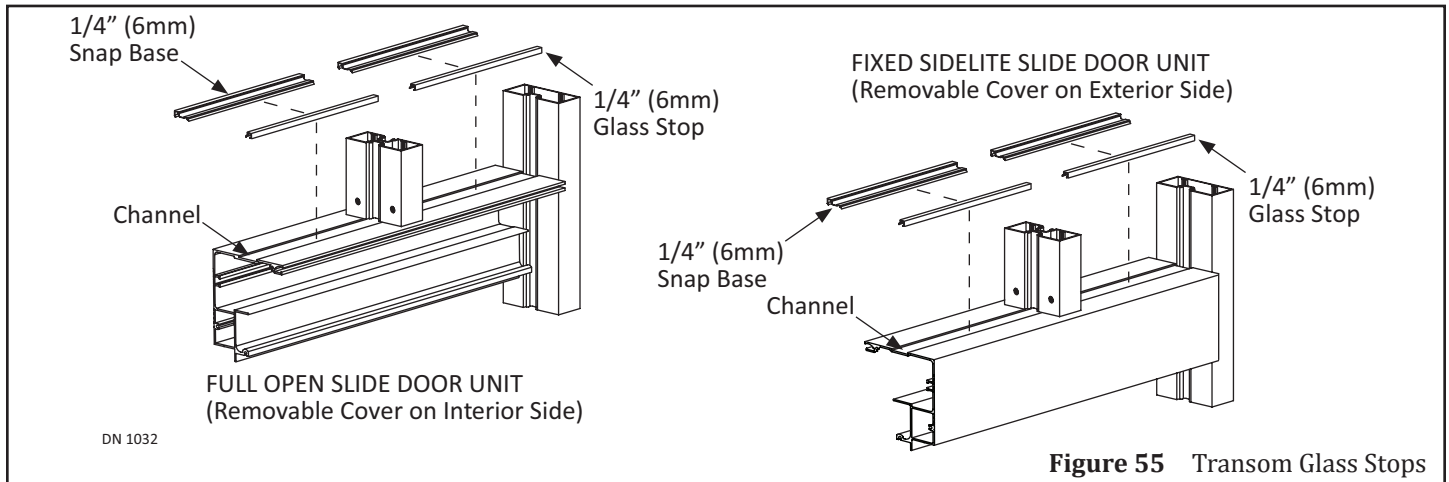
**Figure 54** Door Panel Glass Stop

### 13.2 Transom

*Note: Vinyl Bumpers are preinstalled at the NABCO Factory.*

1. At the top of Header, snap each Snap Base inside the Channel on either side of Vertical Transoms.
  - Full Open Doors:
    - Install the Snap Base on the Exterior Side of the Building.
    - Removable Cover faces Interior Side of the Building.
  - Fixed Sidelite Doors:
    - Install the Snap Base on the Exterior Side of the Building.
    - Removable Cover faces the Exterior Side of the Building.

2. Install the Setting Blocks (not provided by NABCO) and Glass Panel. Snap (1) Glass Stop into each Snap Base.



**Figure 55** Transom Glass Stops

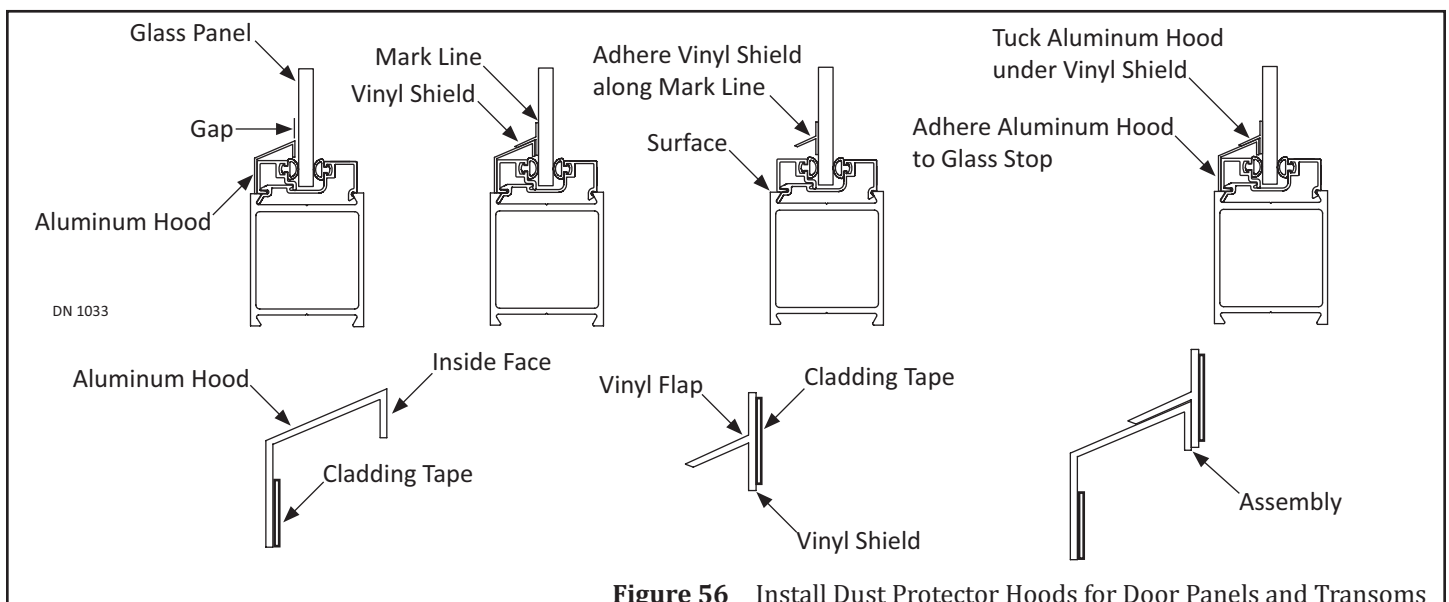
### 13.3 Dust Protector Hoods (Clean Room)

*Note: All Aluminum Hoods and Vinyl Shields are installed for Clean Room Slide Door Units only and are not manufactured by NABCO. Please call Customer Service for replacement parts at 1-888-679-3319.*

#### 13.3.1 Door Panel and Transom

*Note: Aluminum Hoods are installed at the bottom of each Door panel and Transom.*

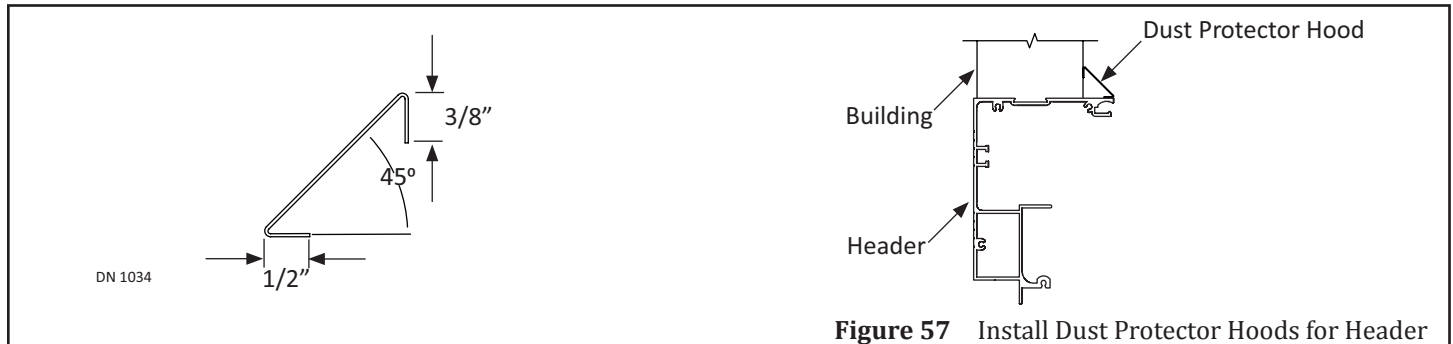
1. Install Glass Stops according to Subsection 14.1 and Subsection 14.2.
2. Place each Aluminum Hood over each Glass Stop so the bottom edge of the Aluminum Hood is resting on the surface.
  - a. Do Not remove protective paper from double sided Cladding Tape at this time.
3. Insert the bottom half of each Vinyl Strip inside the gap that is located behind the Aluminum Hood. The Vinyl Flap must be laying on top the Aluminum Hood.
4. Hold the assembly in place while it is pressed up against the Glass Panel. Make a temporary Mark along the full length of the Vinyl Strip.
  - a. Ensure the bottom edge of the Aluminum Hood is still resting on the surface for proper alignment.
5. Remove the assembly.
6. Remove the protective paper to expose the Cladding Tape from the Vinyl Shield.
7. Align the Vinyl Strip to the temporary Mark and adhere to the Glass Panel.
8. Remove the protective paper to expose the Cladding Tape from the Aluminum Hood.
  1. Align the Aluminum Hood with the Vinyl Shield.
  2. Adhere the Aluminum Hood to the Glass Stop and tuck it under the Vinyl Flap.



**Figure 56** Install Dust Protector Hoods for Door Panels and Transoms

### 13.4 Header

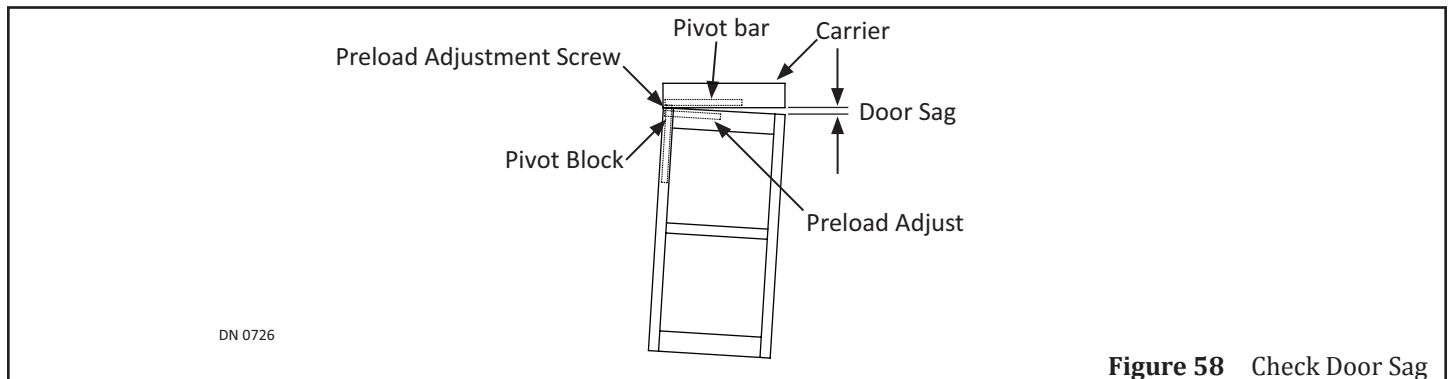
1. Go to the side of Header that has the Removable Cover.
2. Position the Stainless Steel Hood on top of the Header so the (turned under) bottom lip is resting on the Header surface and the inside face is pressed up against the building.
  - a. Ensure proper length and fit is correct.
3. Remove all protective paper to expose the Cladding tape.
4. Adhere the Stainless Steel Hood to the Header.



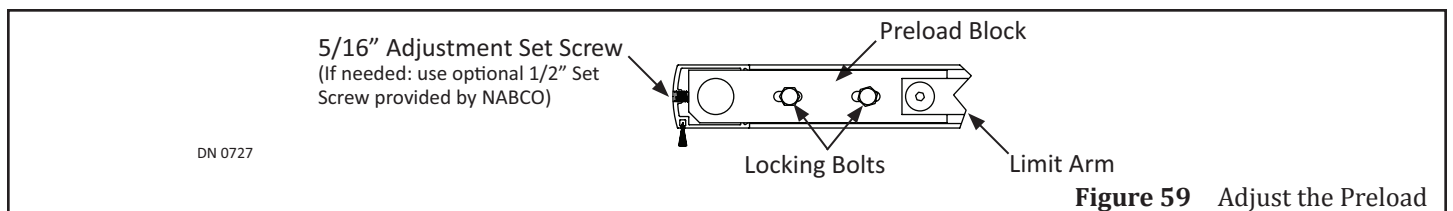
## SECTION 14: ADJUSTMENTS

### 14.1 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.

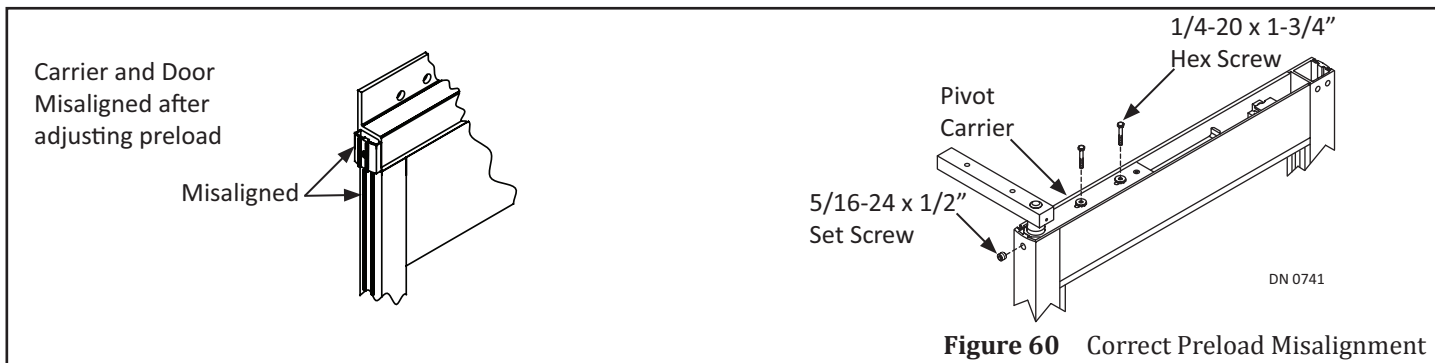


3. Go to the Preload Block located inside Top Rail. Loosen (2) Locking Bolts.
4. Go to the back edge of Pivot Stile. Reduce Door sag by tightening the 5/8 inch Set Screw with an 7/32 inch Allen Wrench. Do Not allow the Adjustment Set Screw to protrude more than 7/32 inch past the end of stile.
  - a.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



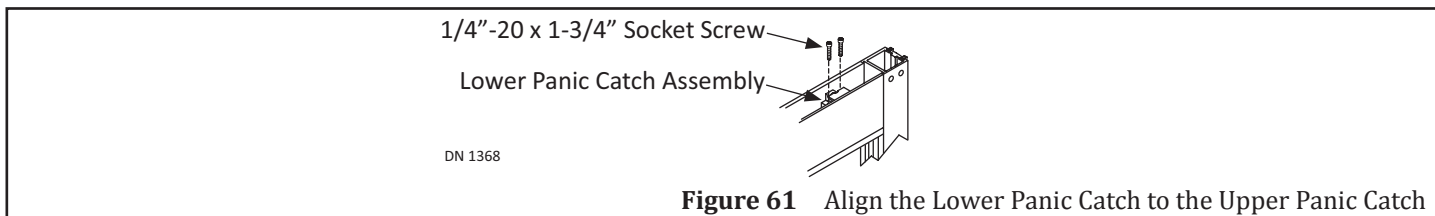
### 14.2 Correct Preload Misalignment

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.
5. Tighten all screws.



**Figure 60** Correct Preload Misalignment

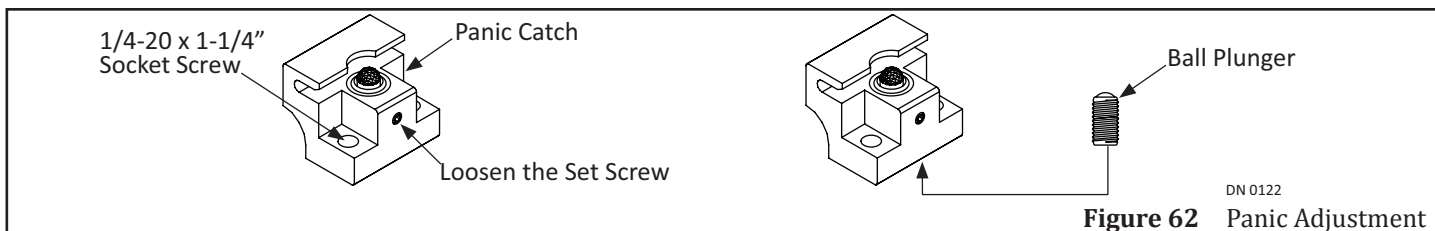
6. Verify that the Lower Panic Catch inside the Door Web is still aligned to the Upper Panic Catch inside the Carrier. If an adjustment is necessary:
  1. Go to the Lower Panic Catch. Loosen (2) 1/4-20 X 1-1/4 inch Socket Screws used to to secure the Lower Panic Catch to the Door Web.
  2. Slide the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



**Figure 61** Align the Lower Panic Catch to the Upper Panic Catch

### 14.3 Adjust the Ball Plunger

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

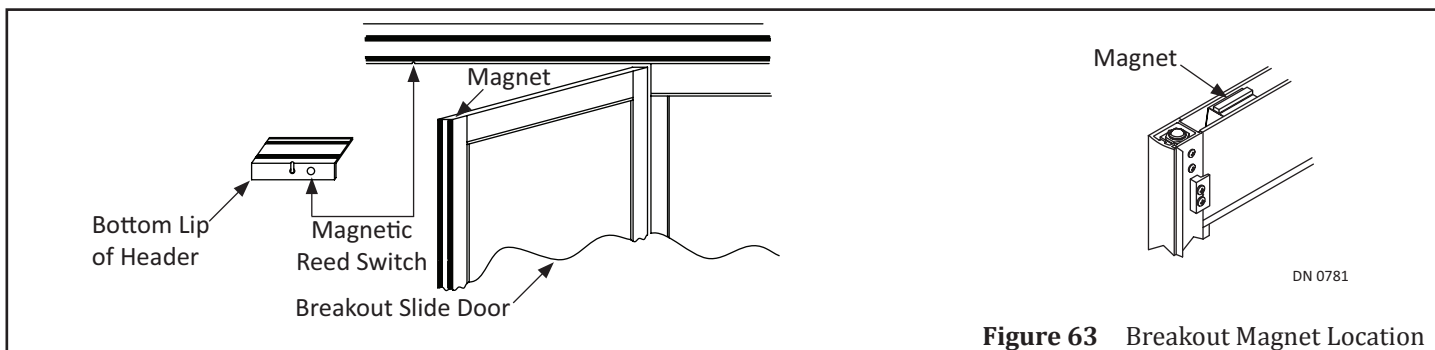


**Figure 62** Panic Adjustment

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.

### 14.4 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 63** Breakout Magnet Location



### 14.5 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.

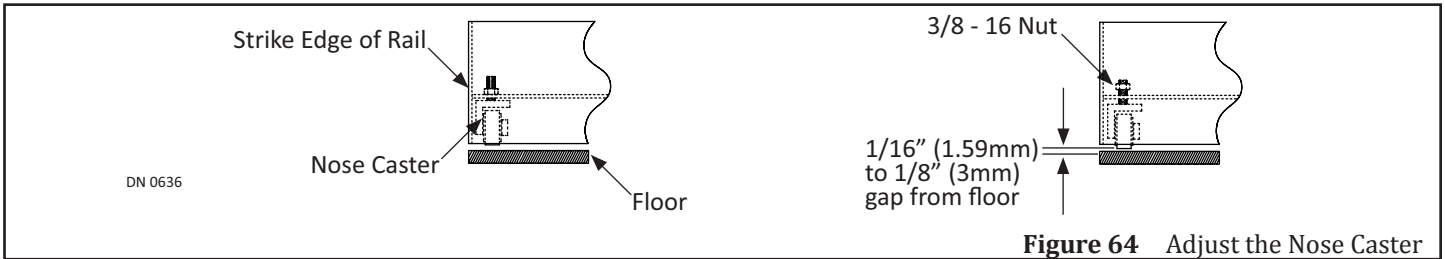


Figure 64 Adjust the Nose Caster

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.

### SECTION 15: ELECTRIC LOCK WIRING

Note: For detailed Electric Lock Wiring information and instructions please refer to; P/N 15-10596-30, "U30 Electrical Manual".

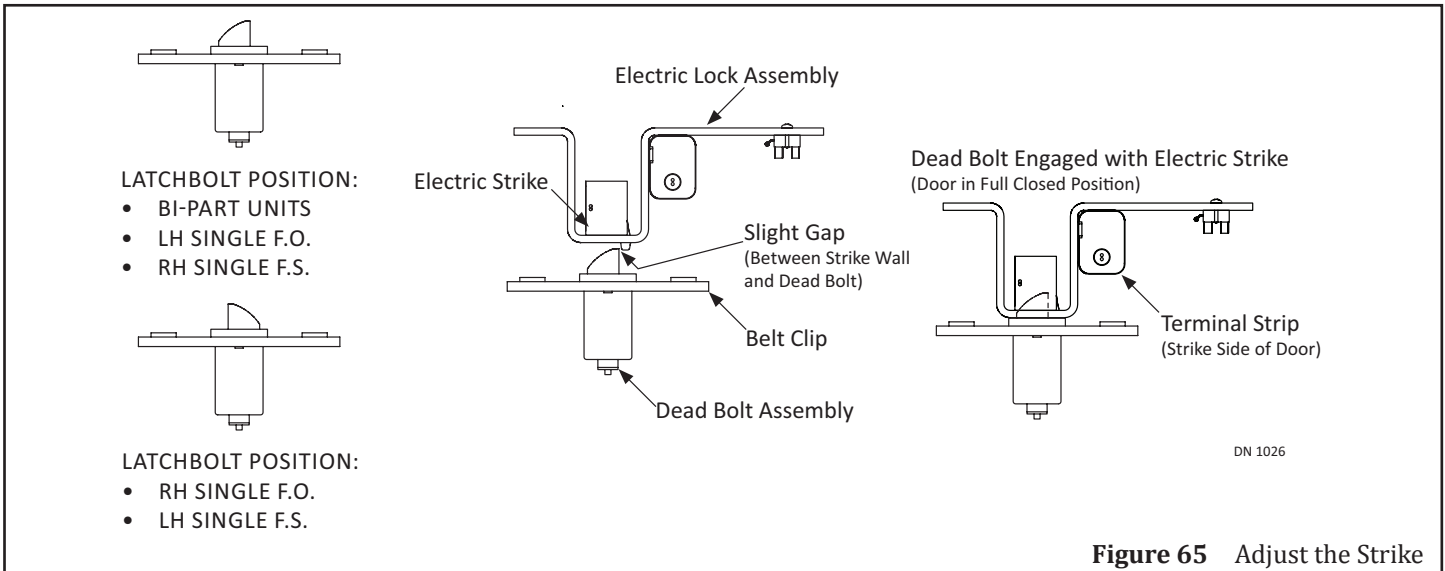
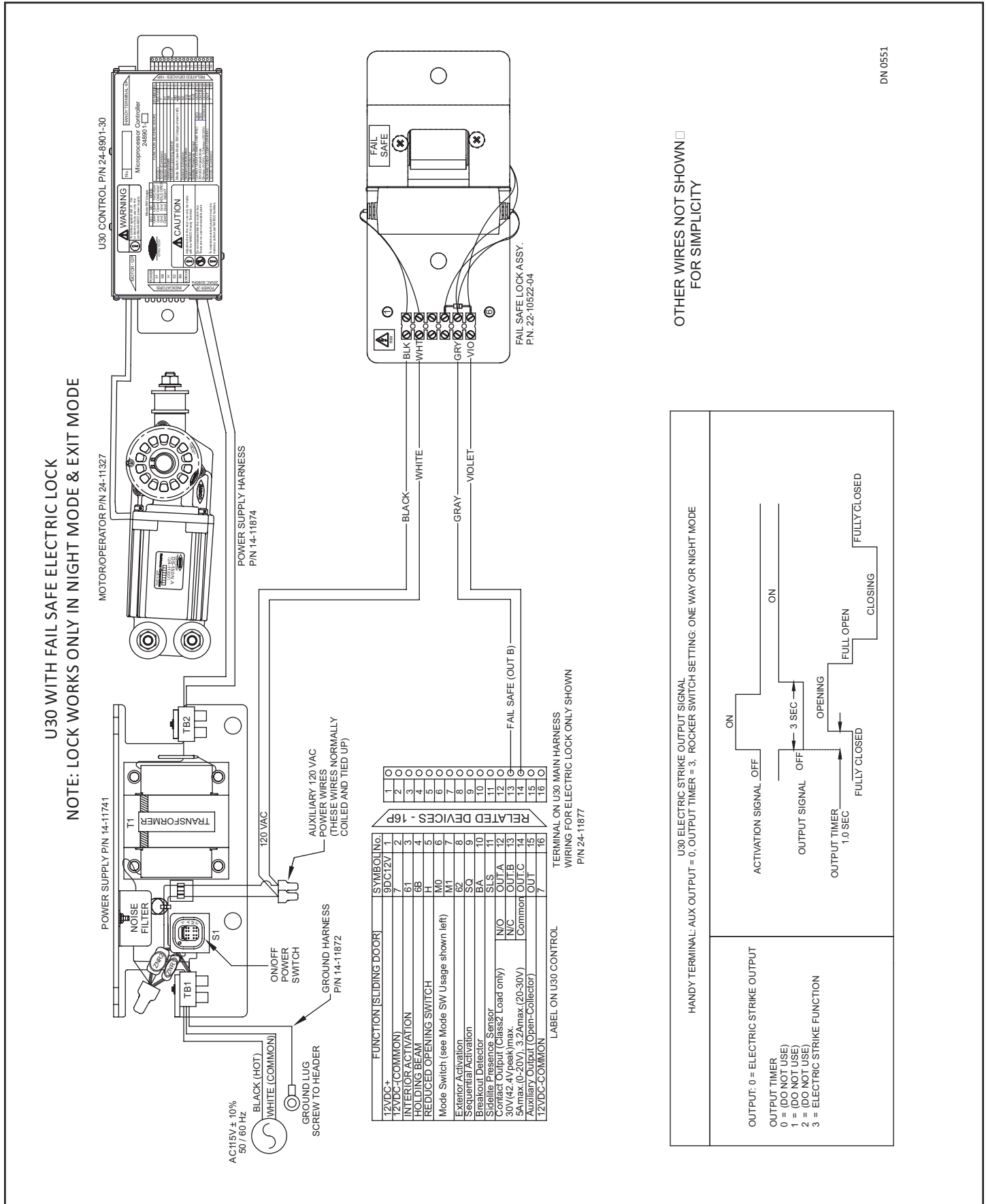


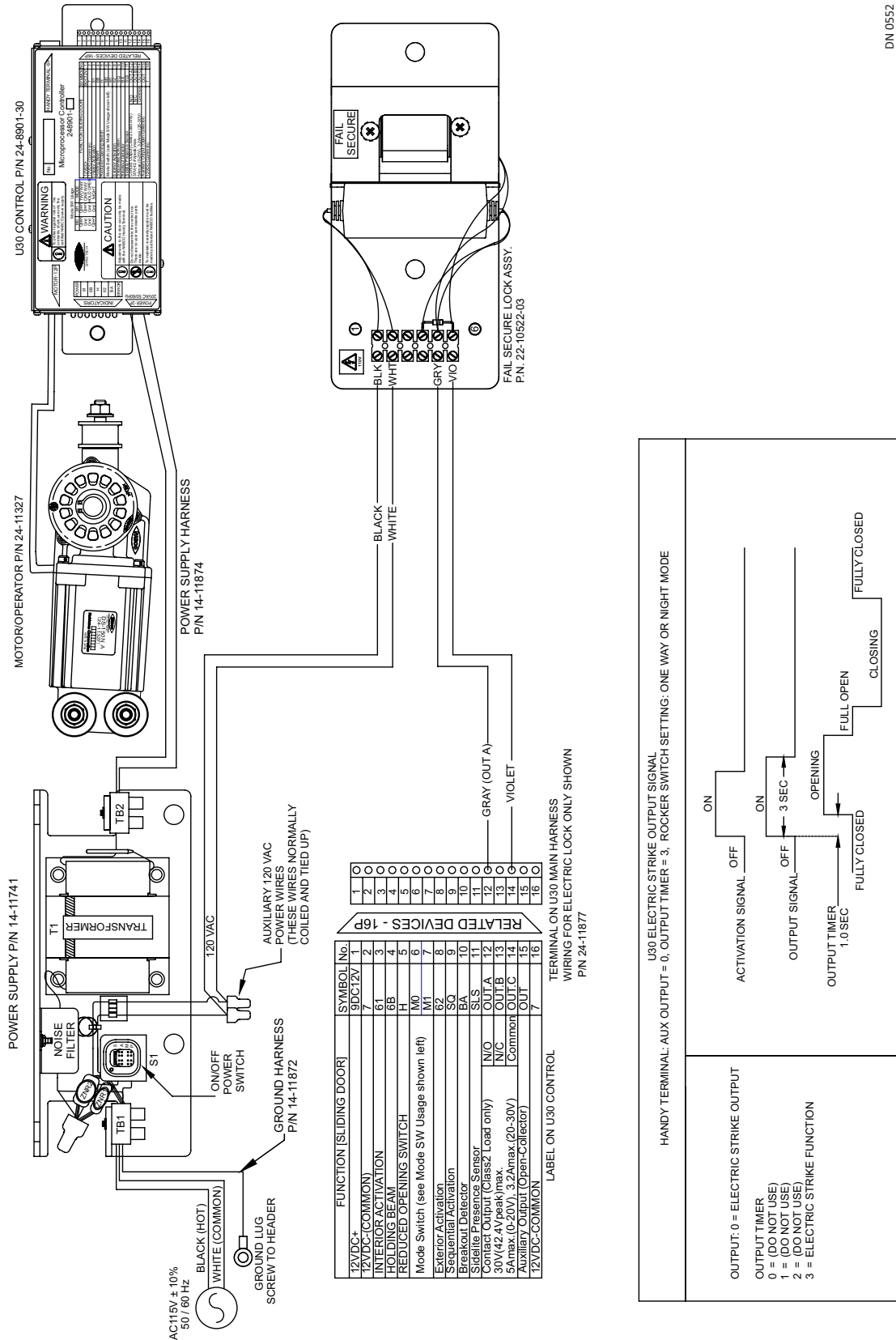
Figure 65 Adjust the Strike

### 15.1 U30 with Fail Safe Electric Lock



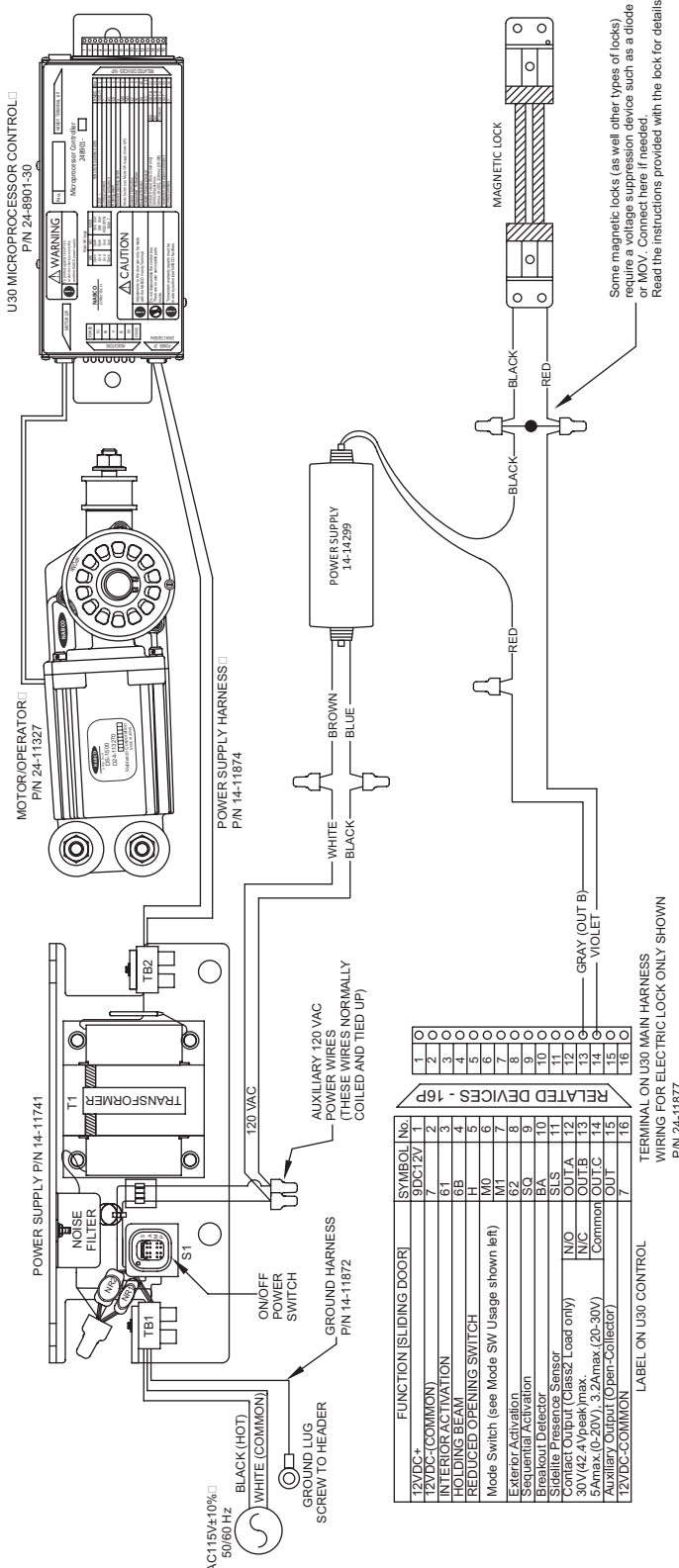
### 15.2 U30 with Fail Secure Electric Lock

U30 WITH FAIL SECURE ELECTRIC LOCK  
NOTE: LOCK WORKS ONLY IN NIGHT MODE & EXIT MODE



# 15.3 U30 with Magnetic Lock

**U30 WITH MAGNETIC LOCK**  
**NOTE: LOCK WORKS ONLY IN NIGHT MODE & EXIT MODE**



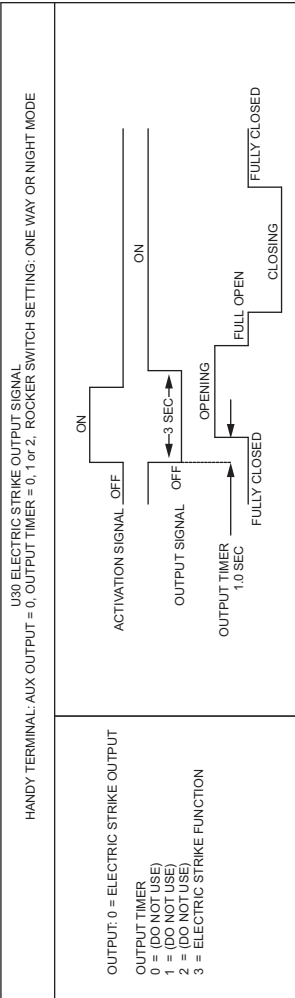
RELATED DEVICES - 16P	
FUNCTION (SLIDING DOOR)	SYMBOL No
12VDC+ (COMMON)	9DC12V 1
12VDC-(COMMON)	7
INTERIOR ACTIVATION	61
HOLDING BEAM	6B
REDUCED OPENING SWITCH	LM0 3
Mode Switch (see Mode SW Usage shown left)	LM1 7
Exterior Activation	62
Sequential Activation	SQ 8
Breakout Detector	BA 9
Sidelite Presence Sensor	SLS 10
30VDC Output (Class Z Lead only)	N/O OUTA 11
50VDC Output (Class Z Lead only)	N/C OUTB 12
5Amax (0-20V) 3.2Amax (20-30V) Common	OUTC 13
Auxiliary Output (Open-Collector)	OUT 14
12VDC-COMMON	7

TERMINAL ON U30 MAIN HARNESS  
WIRING FOR ELECTRIC LOCK ONLY SHOWN  
P/N 24-11877

LABEL ON U30 CONTROL

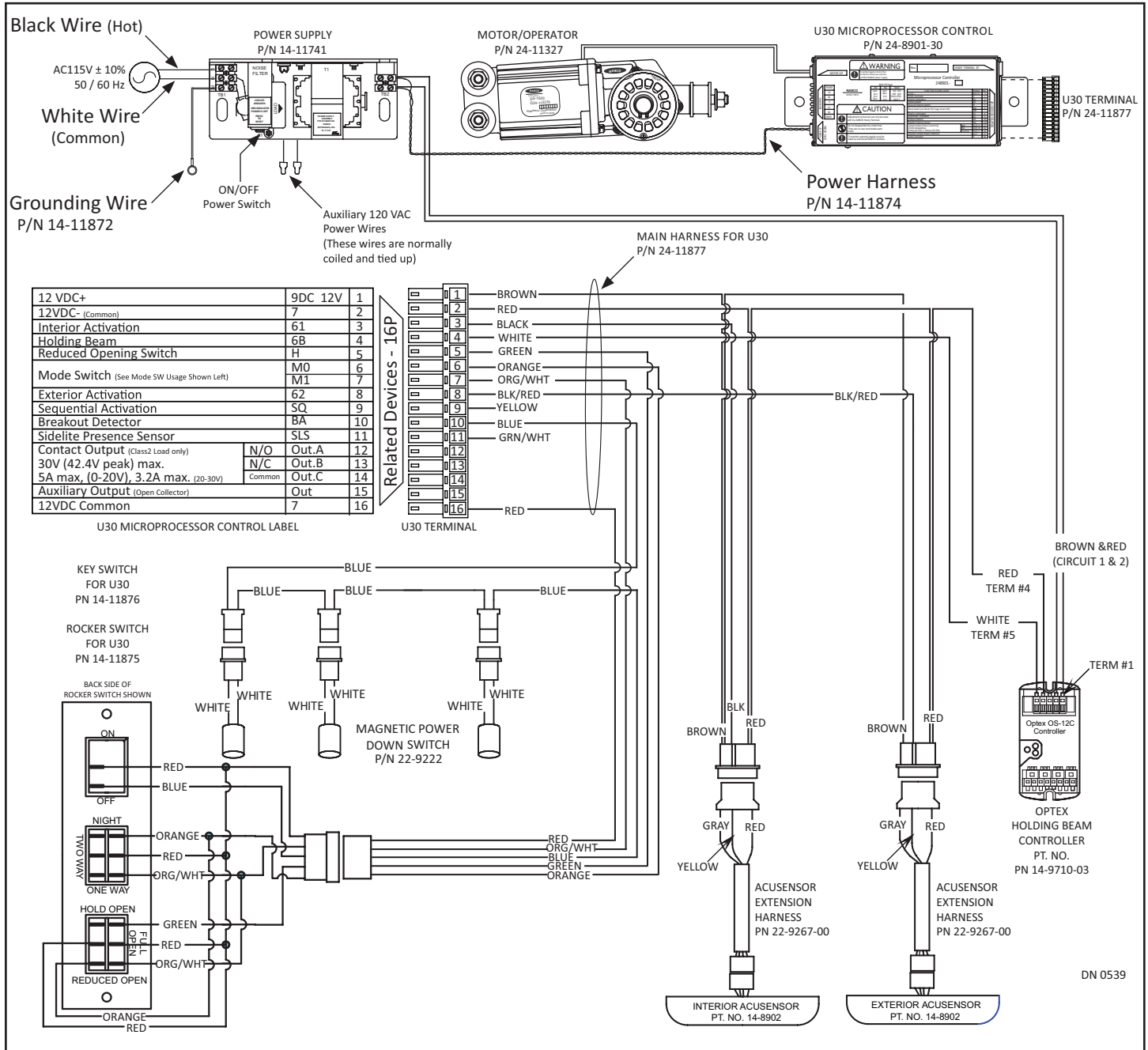
Some magnetic locks (as well as other types of locks) require a 12VDC supply, or a device such as a diode or MOV. Connect here if needed. Read the instructions provided with the lock for details.

DN 1370

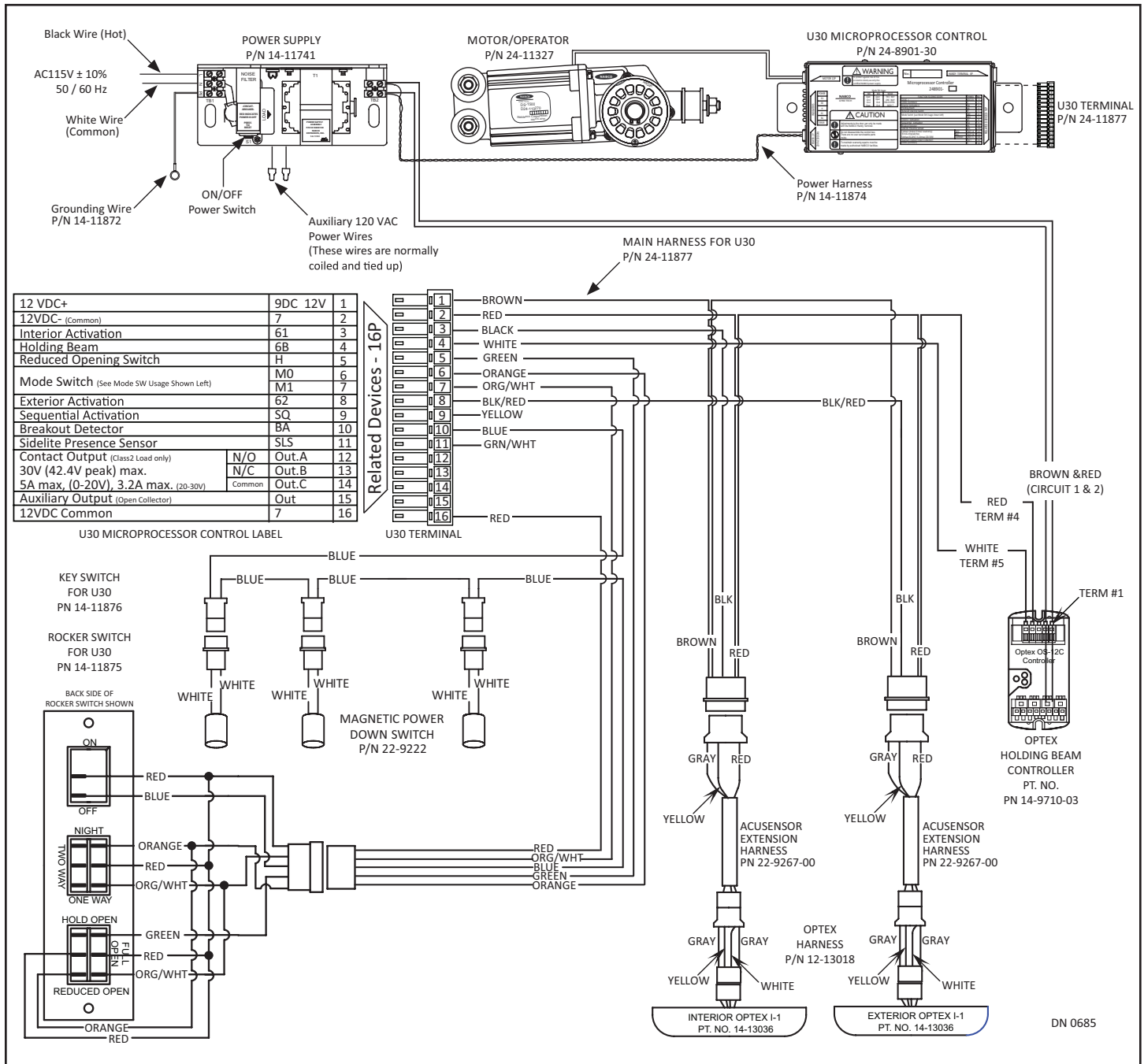


**SECTION 16: GENERAL WIRING**

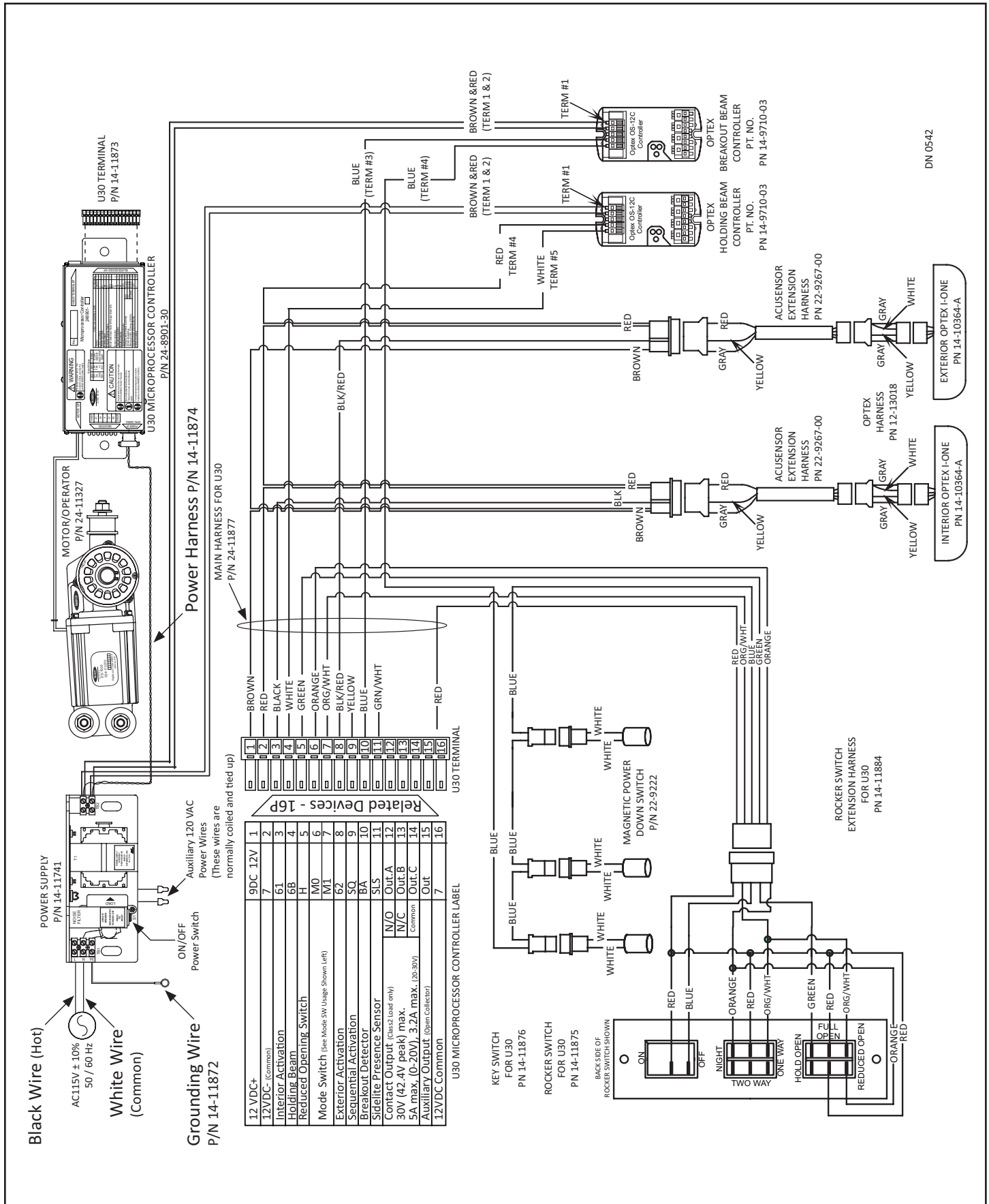
**16.1 (2) Acusensors and (1) Holding Beam**



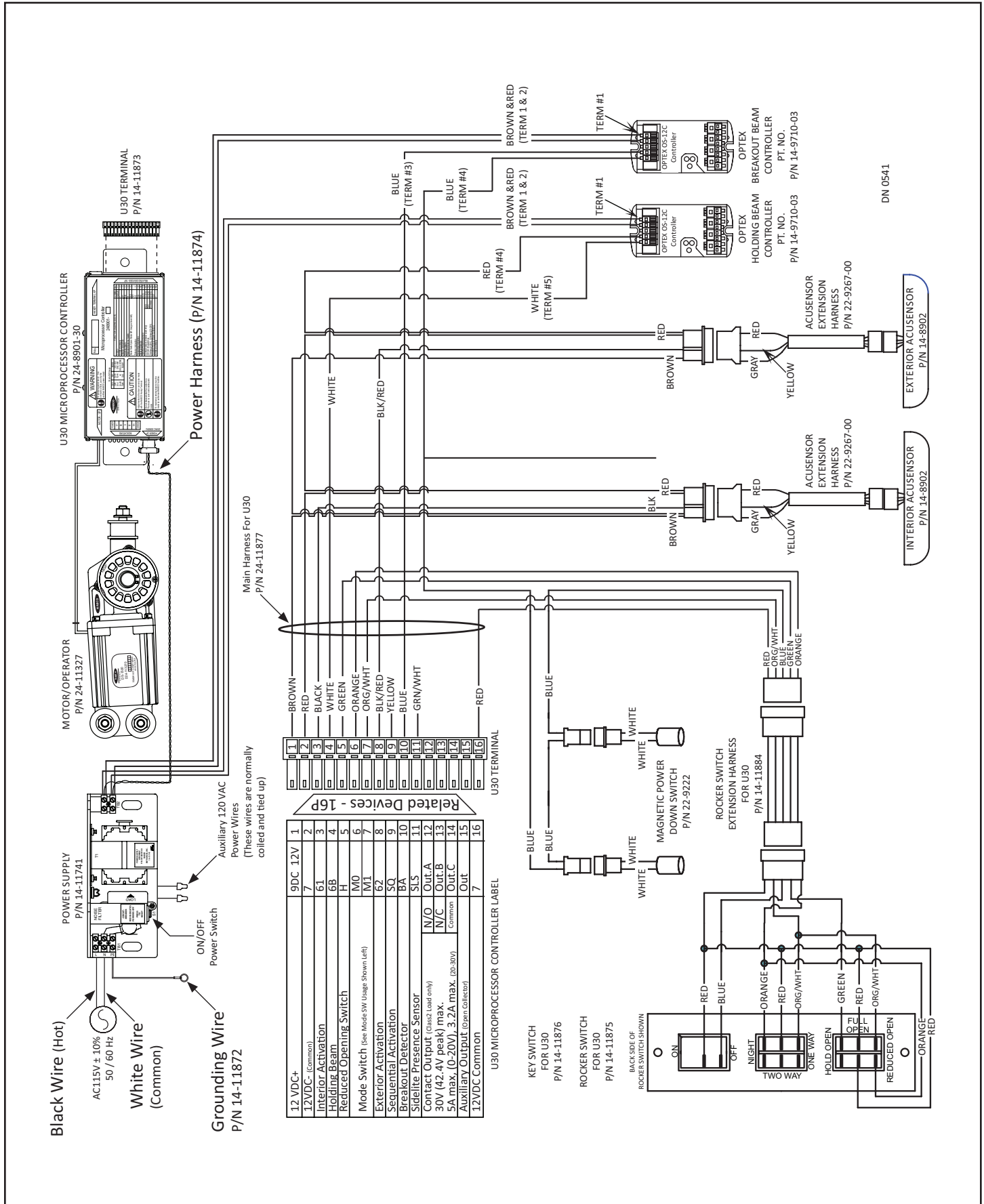
### 16.2 (2) Optex i-One Sensors, (1) Holding Beam and (1) Breakout Beam



16.3 (2) Optex i-One Sensors, (1) Holding Beam and (1) Breakout Beam

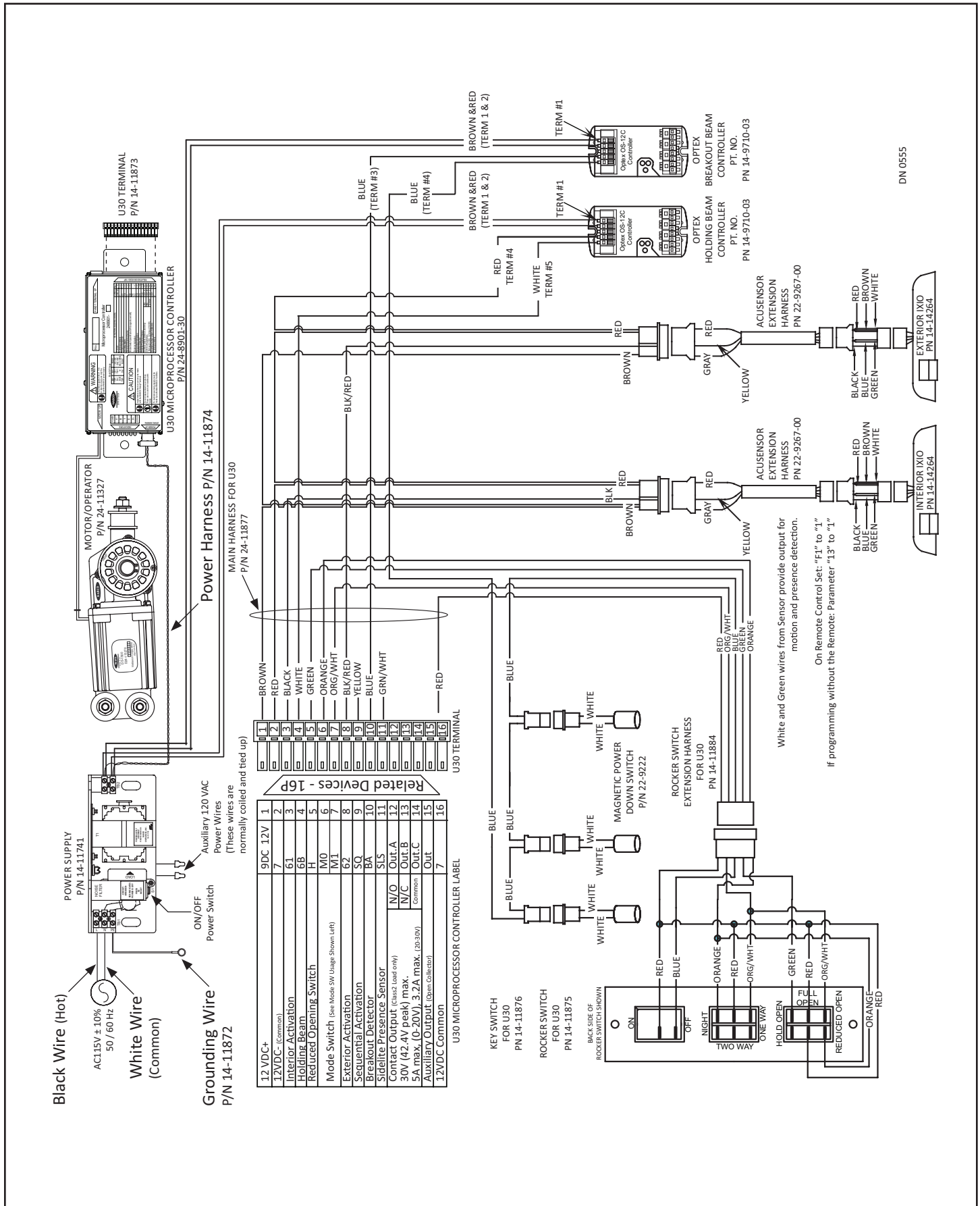


16.4 (2) Acusensors, (1) Holding Beam and (1) Breakout Beam

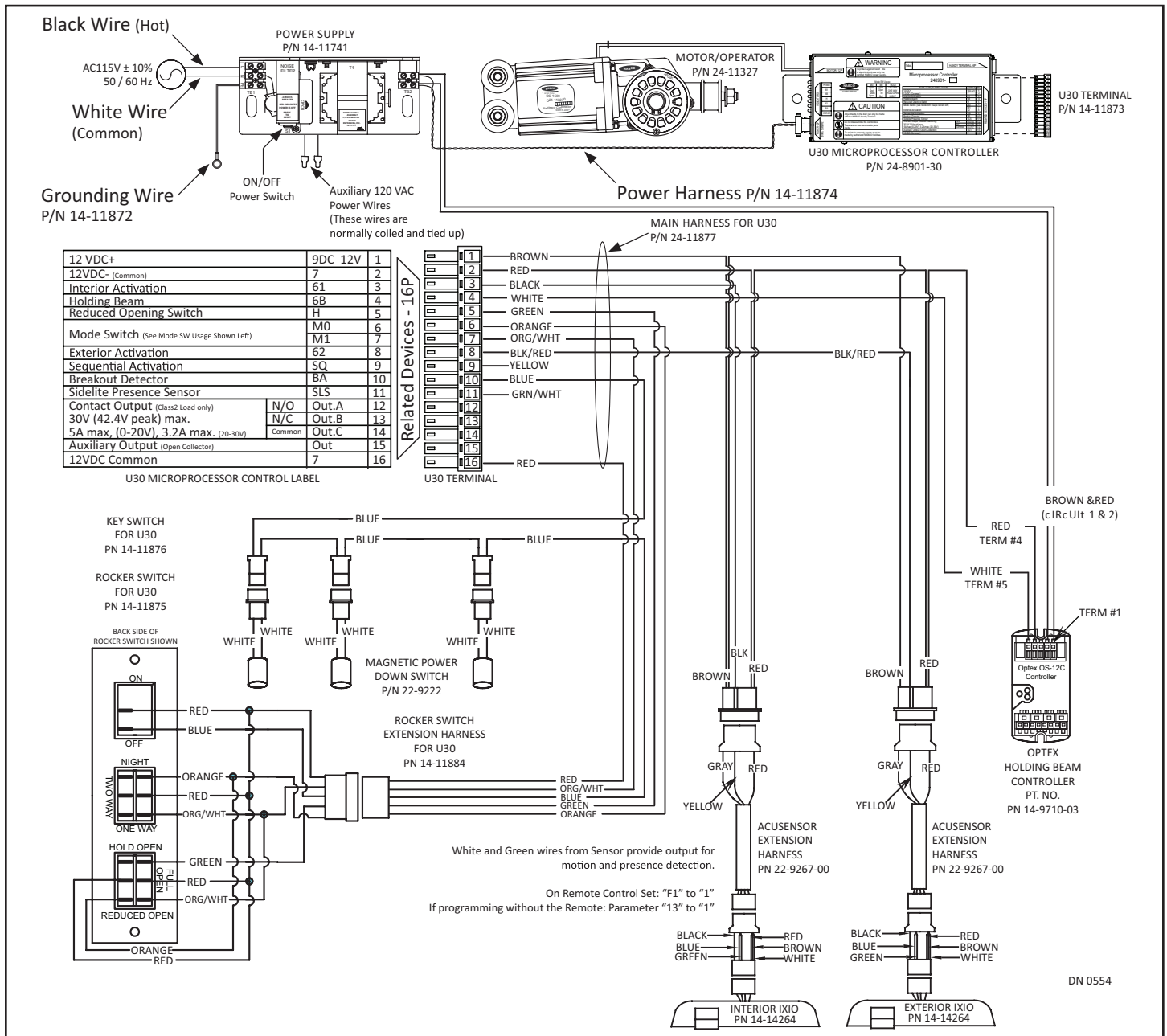




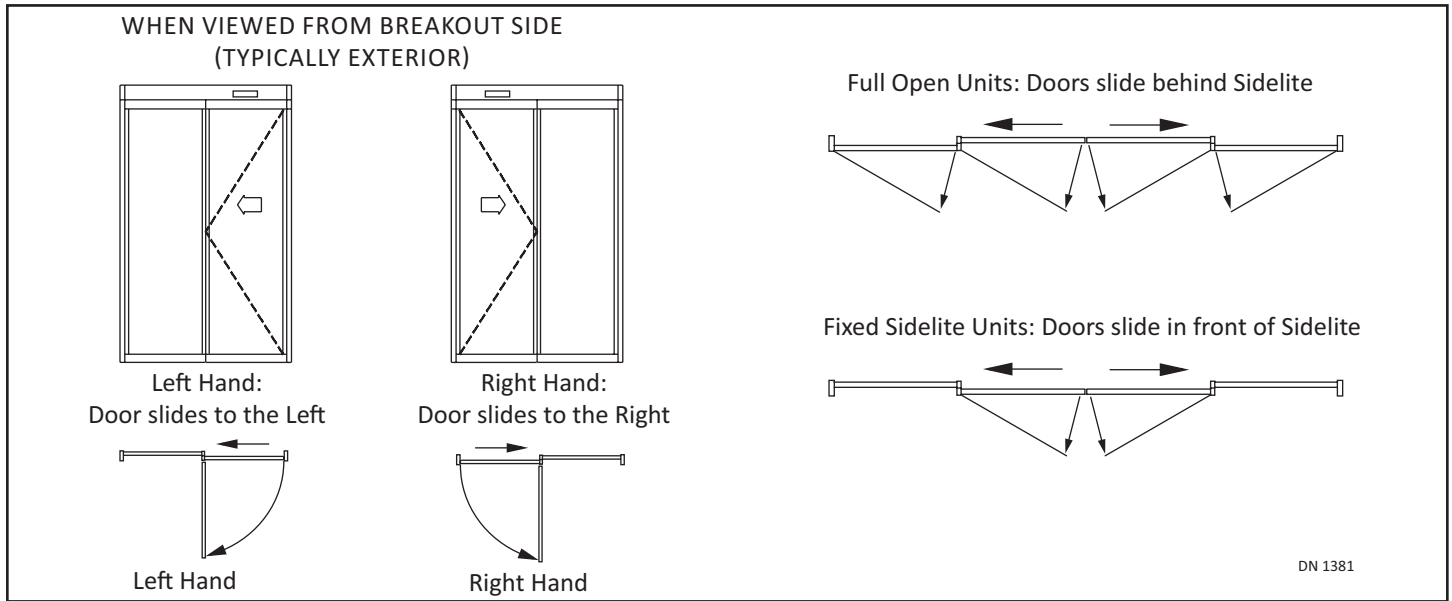
### 16.5 (2) IXIO, (1) Holding Beam and (1) Breakout Beam



### 16.6 (2) IXIO, and (1) Holding Beam



**SECTION 17: HANDING**

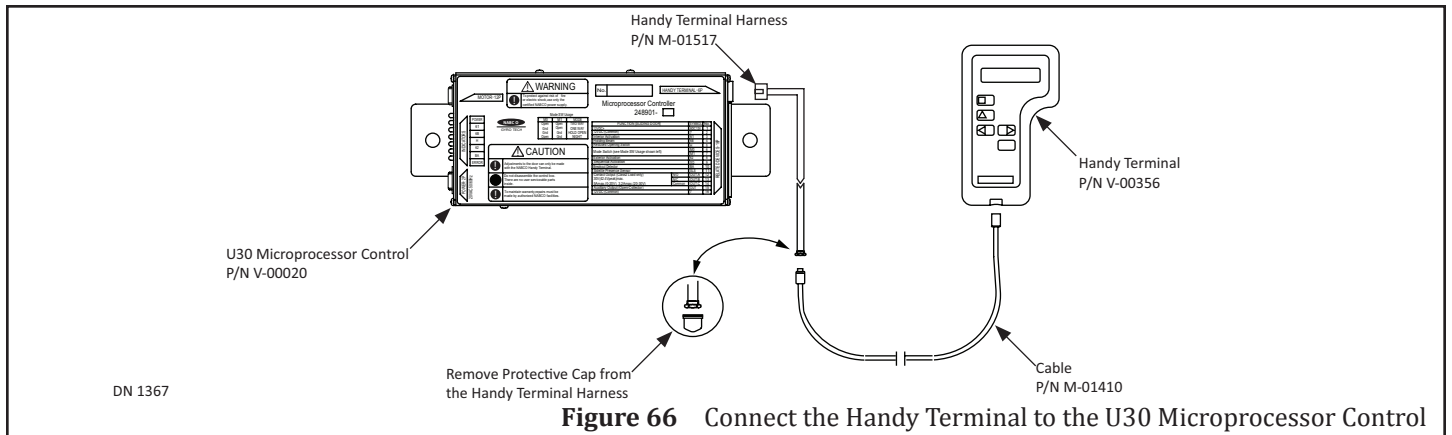


**17.1 Test the Handing**

1. Turn Power OFF.
2. Manually slide the Slide door half way open.
3. Turn Power ON. The Slide door should slowly close (per Power On factory settings).

**17.2 Install the Handing Harness**

1. Turn Power OFF.
2. Obtain the Handy Terminal Harness. Plug the Telephone Jack end into the U30 Microprocessor Control. Remove the Protective Cap from the female end.
3. Obtain the Cable. Slide back the metal sleeve on the male end of the Cable. Connect the Cable to the female end of the Handy Terminal Harness.
  - a. The male end of the Cable has multiple prongs that must line up with the socket. Gently turn the plug end clockwise while trying to insert the male end until a connection can be made.
4. Connect the other end of the Cable to the Handy Terminal. Turn Power ON.



**Figure 66** Connect the Handy Terminal to the U30 Microprocessor Control

5. Press: **ENTRY** until the screen displays: **SPECIAL FUNCTION ADJUSTMENTS** Then select: **Y**
6. Continue pressing: **ENTRY** until the Screen displays: **RECYCLE** Change the setting Y/N.
7. Disconnect the Handy Terminal.
  - a. Wait at least (10) seconds before disconnecting Handy Terminal to allow last test to complete and message display to stabilize.
8. Turn Power OFF.

9. Manually slide the Slide door half way open.
10. Turn Power ON.
11. The Slide door should slowly close (per Power ON factory settings).
12. Plug the Handy Terminal back into the Terminal Connector.

## SECTION 18: PROGRAM THE HANDY TERMINAL

### CAUTION

**Failure to follow disconnecting procedures may result in total loss of communication between the U30 Microprocessor Control and the Handy Terminal.**

1. The Handy Terminal automatically turns on after it is plugged into the Terminal Connector. The Slide door will slowly close if it is not already closed. The following messages will automatically display after the Slide door reaches the fully closed position (**GYRO TECH HANDY TERMINAL**) and then (**BUZZER Y N**).
  - a. If a message on the screen does not advance, go to the U30 Microprocessor Control. Check to see if the **BA LED** is lit. If the **BA LED** is lit; either the Panic Breakout Circuit is open or the Rocker Switch is turned to the OFF position.
  - b. Voltage between terminals (10 and 2) on U30 Microprocessor Control should measure 0 volts during normal operation.
2. Press the Shift buttons to select:
  - ▶ **Y** to hear audible feedback after each menu button is pressed.
  - ▶ **N** to not hear audible feedback after each menu button is pressed.
3. Press: Entry

### 18.1 Set the Stroke of Slide Door

1. Upon initialization of the Handy Terminal, the following message will be displayed: **SLIDE/SWING/STROKE Y N**. Press the Shift buttons to select: **Y**
2. Press **ENTRY**, the following message will be displayed: **SWING DOOR Y N**. Press Shift buttons to select: **N**
3. Press **ENTRY**. The following message will be displayed: **FULL OPEN POINT PRESS TEST**
4. Manually open the Slide door until it reaches the fully open position. Press: **TEST**, the Slide door will slowly close while measuring the Stroke of the door. After the initial Stroke setup is completed, the following message will be displayed: **STD FUNCTION Y N**
5. Door behavior based on current settings can be viewed at any time by pressing: **TEST**, the Slide door will complete a full cycle and slow down at the Latch Check point and the Back Check point.
6. After the Test is complete the following message will display again: **STD FUNCTION Y N**

### 18.2 U30 MICROPROCESSOR SETTINGS

*Note: For more U30 Microprocessor Control programming, please refer to P/N 15-9000-30; U30 Microprocessor Manual.*

Rocker Switch Settings (When wires M0 and M1 are switched to Red 7 the state is indicated by "ON")				
Mode	Wire M0	Wire M1	Wire H	Description
Two Way Mode	OFF	OFF	-	Both Sensors on Terminals 3 and 8 and the Holding Beam* on Terminal 4 will receive signals while the door is closed or cycling.
Hold Open Mode	ON	ON	-	No activation needed. Door is held open.
Reduced-Open Mode	-	-	ON	Door will go to the reduced opening position upon activation.
One-Way Traffic Mode	ON	OFF	-	<ul style="list-style-type: none"> <li>● Only the Sensor on Terminal 3 will receive signals while the door is closed.</li> <li>● The Sensor on Terminal 8 and the Holding Beam on Terminal 4 will be ignored while the door is closed.</li> <li>● During the door cycle both the Sensors and the Holding Beam will receive signals.</li> <li>● The electric lock will be active to prevent exterior entry.</li> </ul>
Night Traffic Mode	OFF	ON	-	<ul style="list-style-type: none"> <li>● No Sensor on Terminals 3 or 8 or the Holding Beam on Terminal 4 will receive signals while the door is closed.</li> <li>● Activation is only accomplished by switching M0 to Red (7).</li> <li>● During the door cycle both the sensors and the Holding Beam will receive signals. The electric lock remains locked except for activations from wall plates or card readers.</li> </ul>

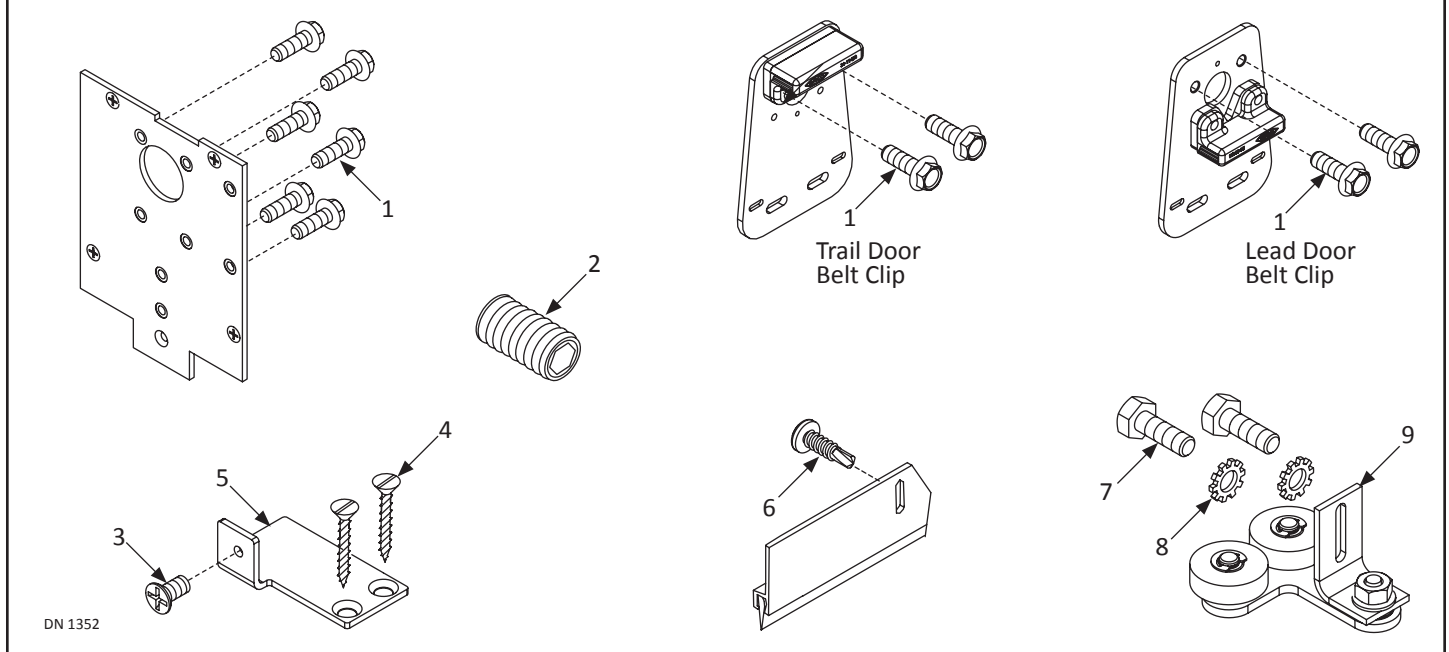
16 Pin Terminal Block Assignments (All wires are identified by color)				
No.	Symbol	Function	Wire Color*	Description
1	9DC 12V	12 VDC+	Brown	Output Terminal: <ul style="list-style-type: none"> <li>• Sensor power source Output Terminal</li> <li>• Output is 12 VDC with a maximum capacity of 0.35 amps (350 mA).</li> </ul>
2	7	Common	Red	Output Terminal: Provides common ground for the 12 VDC power and signal source.
3	61	Interior Activation	Black	Activation Signal Input: Opens the door based on a signal from the Sensor that is active in one way mode.
4	6B	Holding Beam	White	Holding Beam Input: Opens or re-opens a door when the holding beam signal is activated.
5	H	Reduced Opening Switch	Green	Reduced Opening Input: Enables reduced door opening when switched to Red (7)
6	M0 One Way	Mode Switch	Orange	Input for Switch 1 (SW1): Used to achieve special functions.
7	M1 Night	Mode Switch	* Orange/ White	Input for Switch 2 (SW2): <ul style="list-style-type: none"> <li>• Used to achieve special functions.</li> <li>• All references to Mode Switches are made in connection with ground (Red).</li> </ul>
8	62	Exterior Activation	* Black/ Red	Input Terminal: Receives signal from a Sensor that is switched out in ONE WAY mode.
9	SQ	Sequential Activation	Yellow	Input Terminal: Allows a sequence of signals to open and close the door.
10	BA	Breakout Detector	Blue	Input Terminal: <ul style="list-style-type: none"> <li>• Connects directly to Red (7) during normal operation.</li> <li>• When the Rocker Switch is turned OFF or if the door is panicked open, it is disconnected from Red (7) causing Slide door to stop operating.</li> </ul>
11	SLS	Misellaneous Input	* Green/ White	Input Terminal: Receives signal from Sidelite Sensor or additional devices.
12	OUT A	Auxiliary Output	Gray	Terminal is connected to the Normally Open contact on an Internal Relay: <ul style="list-style-type: none"> <li>• Also Referred to as the "Auxiliary Relay Output".</li> <li>• Used as a switch to sequence Electric Strikes, control other doors in an Airlock situation, or signal a Remote Computer on the door operation.</li> </ul>
13	OUT B	Auxiliary Output	Gray	Terminal connected to the Normally Close contact on an Internal Relay.
14	OUT C	Auxiliary Output	Violet	Terminal is the common for output wire OUT A or OUT B.
15	OUT 2	Auxiliary Output 2	*Brown/ Yellow	Terminal connected to an Internal Transistor with open collector in the U30 Microprocessor Control.
16	7	Common	Red	Terminal connected to an Internal Transistor with open collector in the U30 Microprocessor Control.

\* Color 1/Color 2 denotes a base wiring Color 1 with a Stripe Color 2 (e.g. Black/Red = Black wire with a Red Stripe)

Standard Function Adjustments		
Adjustment	Description	
Closing Speed	Message will read: <b>CLOSE SPEED 2</b> <ul style="list-style-type: none"> <li>● Eight options are available from 0 to 7.</li> <li>● Speeds range 2 inches per second (.06 meters per second) to 24 inches per second (.60 meters per second). Seven is the fastest, 0 is the slowest.</li> <li>● For details on incremental Close speed adjustments, please refer to P/N 15-9000-30; U30 Microprocessor Control Manual.</li> <li>● The U30 Microprocessor Control Rev-D requires the Closing Speed and Recycle Sensitivity to be adjusted based on door weight. Please see example of recommended settings below:</li> </ul>	
	Maximum Door Weight	Closing Speed
	160 pounds	2 (Factory Default)
	300 pounds	2
	600 pounds	1
		Recycle Sensitivity
		1 (Factory Default)
		2
		3
Opening Speed	Message will read: <b>OPEN SPEED 3</b> <ul style="list-style-type: none"> <li>● Eight options are available from 0 to 7.</li> <li>● Speeds range 2 inches per second (.06 meters per second) to 31 inches per second (.80 meters per second). 7 is the fastest, 0 is the slowest.</li> <li>● For details on incremental Open speed adjustments, please refer to please refer to P/N 15-9000-30; U30 Microprocessor Control Manual.</li> </ul>	
Time Delay	Message will read: <b>TIME DELAY 2</b> <ul style="list-style-type: none"> <li>● Eight options are available with time delays of 0 to 7 seconds.</li> <li>● Determines number of seconds Slide door will stay open after Activating and Safety signals are cleared.</li> <li>● For details on longer Time Delays, please refer to P/N 15-9000-30; U30 Microprocessor Control Manual.</li> </ul>	

### SERVICE PARTS: LH KIT P/N 21-9249; RH KIT P/N 21-9250

Fixed Sidelite Slide Doors



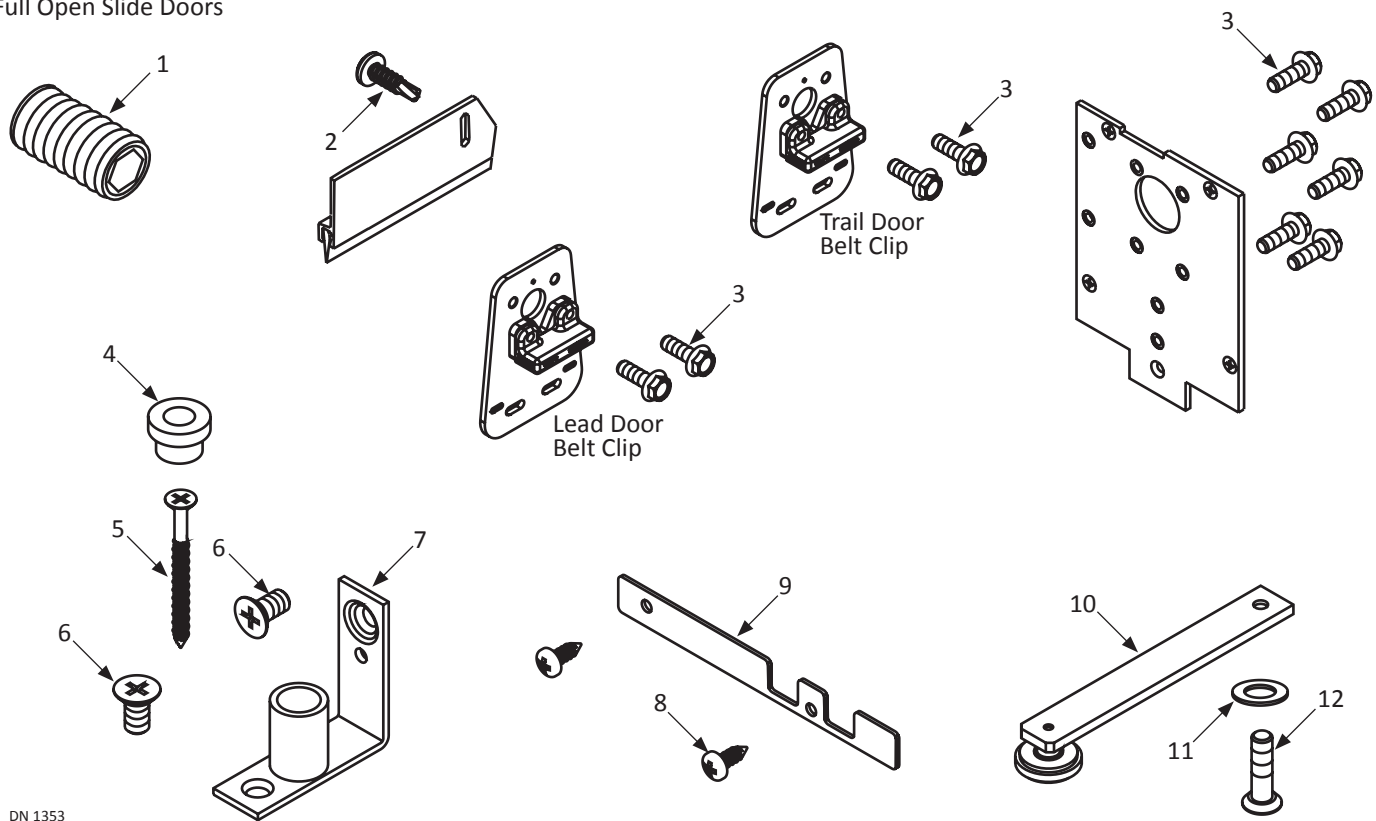
DN 1352

#### Fixed Sidelite Parts Kit: LH P/N 21-9249 and RH P/N Kit 21-9250

Item	Part	Note	Description	QTY	Used To
1	T-00010	Total QTY 14	HHCS,1/4-20x0.750L.,WHIZLOCK,ZINC	2	Secure Belt Bracket to Carrier on top of Slide Door
2	T-00261		SHSS,5/16-24x0.500L.,CUP PT.	12	Secure Header to Jamb Tubes
3	T-00055	Zinc	FHMS,1/4-20x0.500L.,PHIL,ZINC	1	Adjust PreLoad. Located on top of Strike Stile on Slide Door
	T-00057	Black Zinc	FHMS,1/4-20x0.500L.,PHIL,BLK ZN	1	
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
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	4	
7	T-00064		HHCS,1/4-20x0.750L.,ZINC	2	Secure Bracket portion of the BTM Guide DBL Roller to Pivot Stile on Slide Door
8	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC	2	
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	1	

### SERVICE PARTS: NH KIT P/N 21-9251; AND NH KIT P/N 21-5975

Full Open Slide Doors

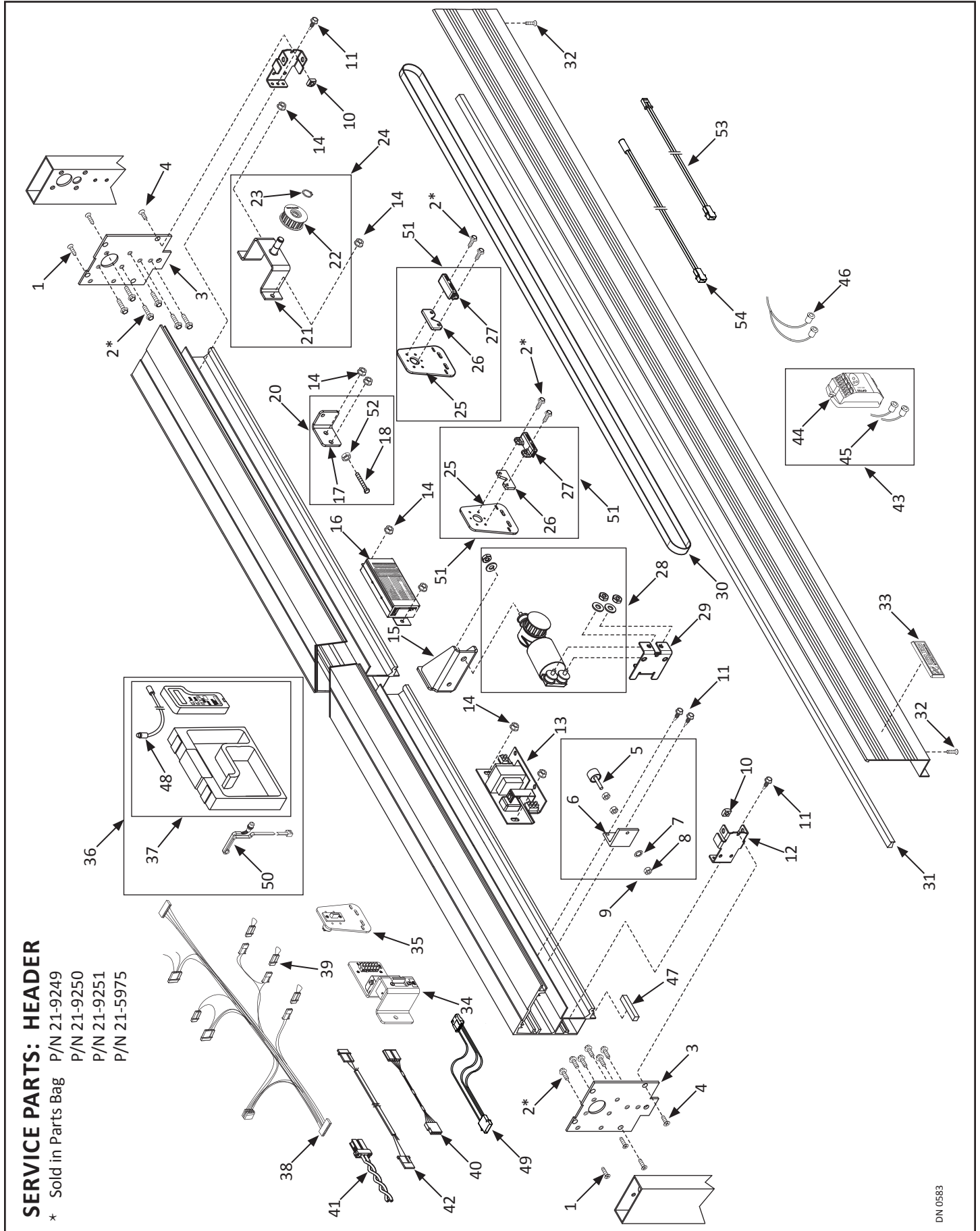


DN 1353

#### Full Open Sidelite Parts Kit: LH P/N 21-9251 and RH P/N Kit 21-5975

Item	Part	Note	Description	QTY	Used To
1	T-00261		SHSS,5/16-24x0.500L.,CUP PT.	1	Adjust PreLoad. Located on top of Strike Stile on Slide Door
2	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		
3	T-00010	Total QTY 14	HHCS,1/4-20x0.750L.,WHIZLOCK,ZINC	2	Secure Belt Bracket to Carrier on top of Slide Door
				12	Secure Header to Jamb Tubes
4	M-00606		BUSHING, BOTTOM PIVOT, SWING PANEL	1	Protect inside of Barrel from dust/dirt
5	T-00008		FHMS,1/4x2.750L.,PHIL,TAPCON,BLUE	1	Secure Bottom Pivot (M-00611) to floor
6	T-00007	Total QTY 2	FHMS,1/4-20x0.500L.,PHIL,UNDRUCUT,F-PT,ZN	1	Secure Bottom Pivot (M-00611) to floor.
				1	Secure Bottom Pivot (M-00611) to Pivot Jamb Tube.
7	M-00611		FLOOR PIVOT BRACKET	1	Allow Sidelite to swing Open and Closed
8	T-00009		PHSMS,6x0.375L,PHIL,TYPE AB,18-8 SS	2	Secure Threshold End Cap to the Threshold
9	M-00442		END CAP	1	Protect raw end of Threshold from dust/dirt
10	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	
11	T-00069		WASHER,.255 ID,.900 OD,.125 THK,NYLON	1	Keep Screw from digging into face of Limit Arm
12	T-00083		FHMS,1/4-20x1.000L.,PHIL,UCUT,VIBRATITE	1	Secure Limit Arm to bottom of Header





**SERVICE PARTS: HEADER**

- \* Sold in Parts Bag P/N 21-9249
- P/N 21-9250
- P/N 21-9251
- P/N 21-5975

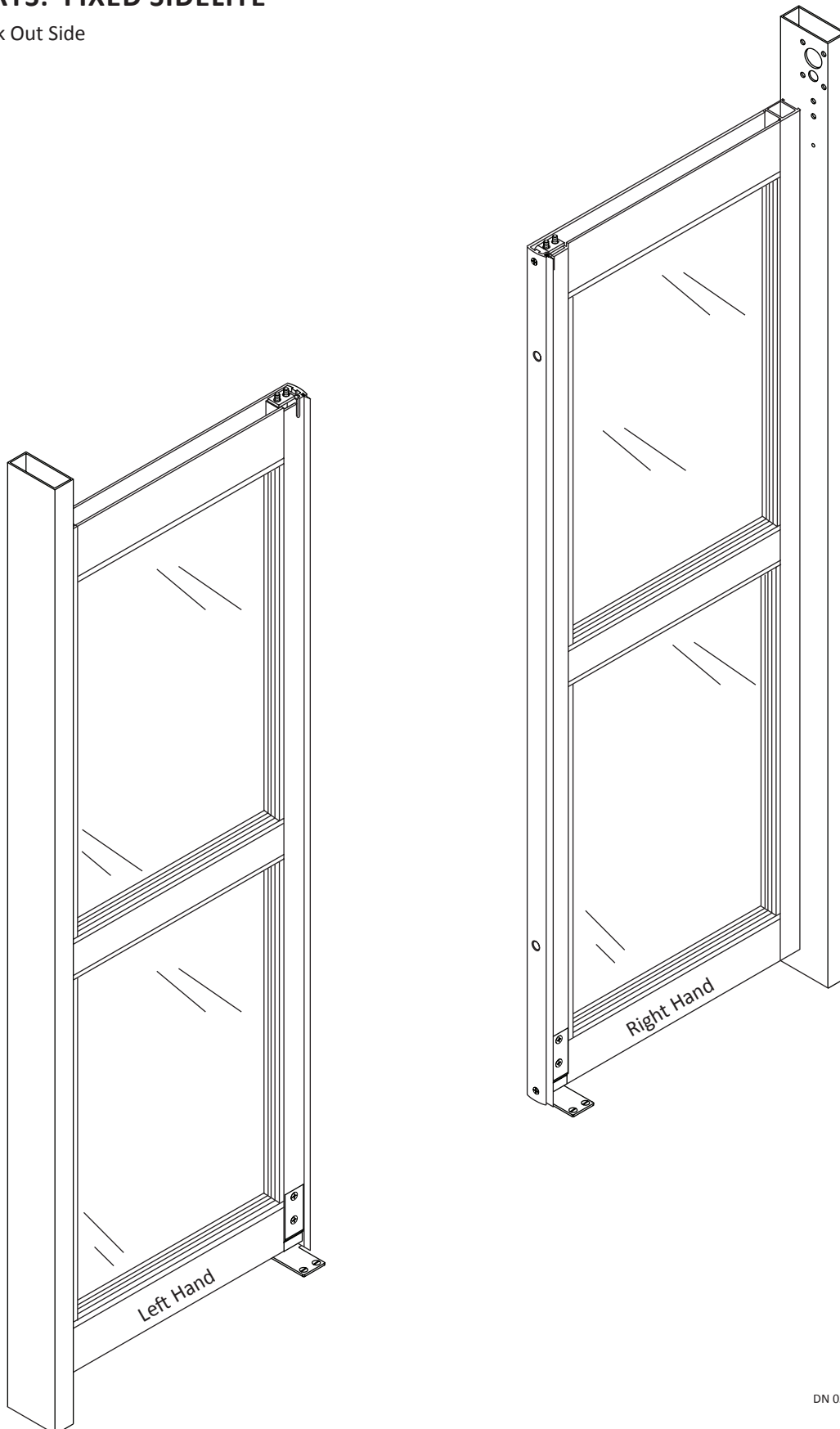
DN 0583

Header			
Item	Part	Finish/Sizes/Notes	Description
1	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
2	T-00010		HHCS,1/4-20x0.750L.,WHIZLOCK,ZINC
3	M-60582	Clear	END CAP,ONE PIECE HEADER,RH,204
	M-70582	Dark Bronze	END CAP,ONE PIECE HEADER,RH,313
	M-60574	Clear	END CAP,ONE PIECE HEADER,LH,204
	M-70574	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	A-00087		BUMPER,DOOR STOP
6	14-9078		BRACKET, DOOR STOP
7	T-00096		"WASHER,INT,1/4;ZINC"
8	T-00002		NUT,HEX,1/4-20,ZINC
9	A-00128		DOOR STOP,ASM.
10	T-00058		NUT,SQ.,1/4-20,ZINC
11	T-00119		HHCS,1/4-20x0.750L.,WASH HD.TRILOBE,ZINC
12	M-00411		BRACKET,END CAP,HEADER
13	V-00029		POWER SUPPLY, U30/DS150
14	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
15	M-00396		BRACKET, MOUNTING, FRONT, DS150
16	V-00020		CONTROLLER, U30
17	M-00502		BRACKET, IDLER/STOP
18	T-00075		HHCS,3/8-16x2.750L.,FULL THREAD,ZINC
19	T-00067		NUT,HEX,JAM,3/8-16,ZINC
20	A-00078		BELT,DRIVE,IDLER SPROCKET,TENSIONER
21	22-9026		WELDMENT, IDLER - 1175
22	M-00405		IDLER PULLEY ASSEMBLY
23	T-00049		RING,RETAINING,EXT,15mm SHAFT,HD
24	A-00042		ASM, IDLER PULLEY
25	M-00394		BRACKET,BELT CLIP MOUNTING
26	M-00392		SPACER,BELT CLIP
27	M-00391		BELT,CLIP
28	M-00395	Does not include Mounting Brackets	OPERATOR,DS150
29	M-00397		BRACKET,MOUNTING , REAR, DS150
30	M-01491		BELT: .500 PITCH: "H" PROFILE
31	14-2279-05		PILE WEATHERING, BLK, .45 TALL, W/ ADHES
32	T-00024	Zinc	FHMS,8-32x0.625L.,PHIL,F-POINT,ZINC
	T-00179	Black Zinc	"FHMS,8-32x0.625L.,PHIL,BK.ZC.TYPE F"
33	C-00067		"NAMEPLATE, ADHESIVE BACKED"
34	A-00342	Fail Safe	LOCK, ELECTRIC,FAIL SECURE,1175
	A-00341	Fail Secure	LOCK, ELECTRIC,FAIL SAFE,1175
35	A-00343	RH	BRKT,BELT,ELECTRIC LOCK,RHFS,LHFO,BP
	A-00344	LH	BRKT,BELT,ELECTRIC LOCK,LHFS,RHFO

Header			
Item	Part	Finish/Sizes/Notes	Description
36	A-00711		"KIT,HANDY TERMINAL"
37	V-00356		HANDY TERMINAL
38	M-00413		HARNESS,U30,CONTROL
39	A-00385		BREAKOUT JUMPER
40	A-00967	36 inches	HARNESS;EXTENSION;ROCKER SWITCH;36IN.
	A-00968	72 inches	HARNESS;EXTENSION;ROCKER SWITCH;72IN.
	A-00969	80 inches/Not 180 inches	HARNESS;EXTENSION;ROCKER SWITCH;180IN.
41	M-00412		HARNESS,U30,POWER
42	M-01073	90 inches	HARNESS,BREAK OUT SWITCH,90IN EXTENTION
	M-01136	35 inches	HARNESS,BREAK OUT SWITCH,35IN EXTENSION
43	A-00709	Control Box and Cable	HOLDING BEAM SYSTEM
44	V-00087	Control Box	AMPLIFIER, PHOTOEYE, OPTEX
45	14-9710-02	(1) Emit and (1) Detect	HOLDING BEAM CABLES
46	V-00073	(1) Emit and (1) Detect w/Ext Cble	HOLDING BEAM,PHOTO ELECTRIC,W/ EXT CABLE
47	M-00281	Include Length needed when ordering	FOAM WEATHERSTRIPPING ADHESIVE BACKED
48	M-01410		CABLE,HANDY TERMINAL
49	M-01156	48 inches	ACCUSENSOR EXT HARNESS 48" INT.
	M-01168	24 inches	HARNESS,ACUSENSOR EXT,24 INT
50	M-01517	78.75 inches/Not shipped in Header	"HARNESS,HANDY TERMINAL"
51	A-00759		BELT CLIP KIT
52	T-00067		NUT,HEX,JAM,3/8-16,ZINC
53	M-01073	90 inches/A-00387 and 14-14490-58	HARNESS,BREAK OUT SWITCH,90IN EXTENTION
	M-01136	35 inches/A-00387 and 14-14490-58	HARNESS,BREAK OUT SWITCH,35IN EXTENSION
54	A-00387	Full Open only	BREAK OUT SWITCH, WIDE GAP - F/S

### SERVICE PARTS: FIXED SIDELITE

Viewed from Break Out Side

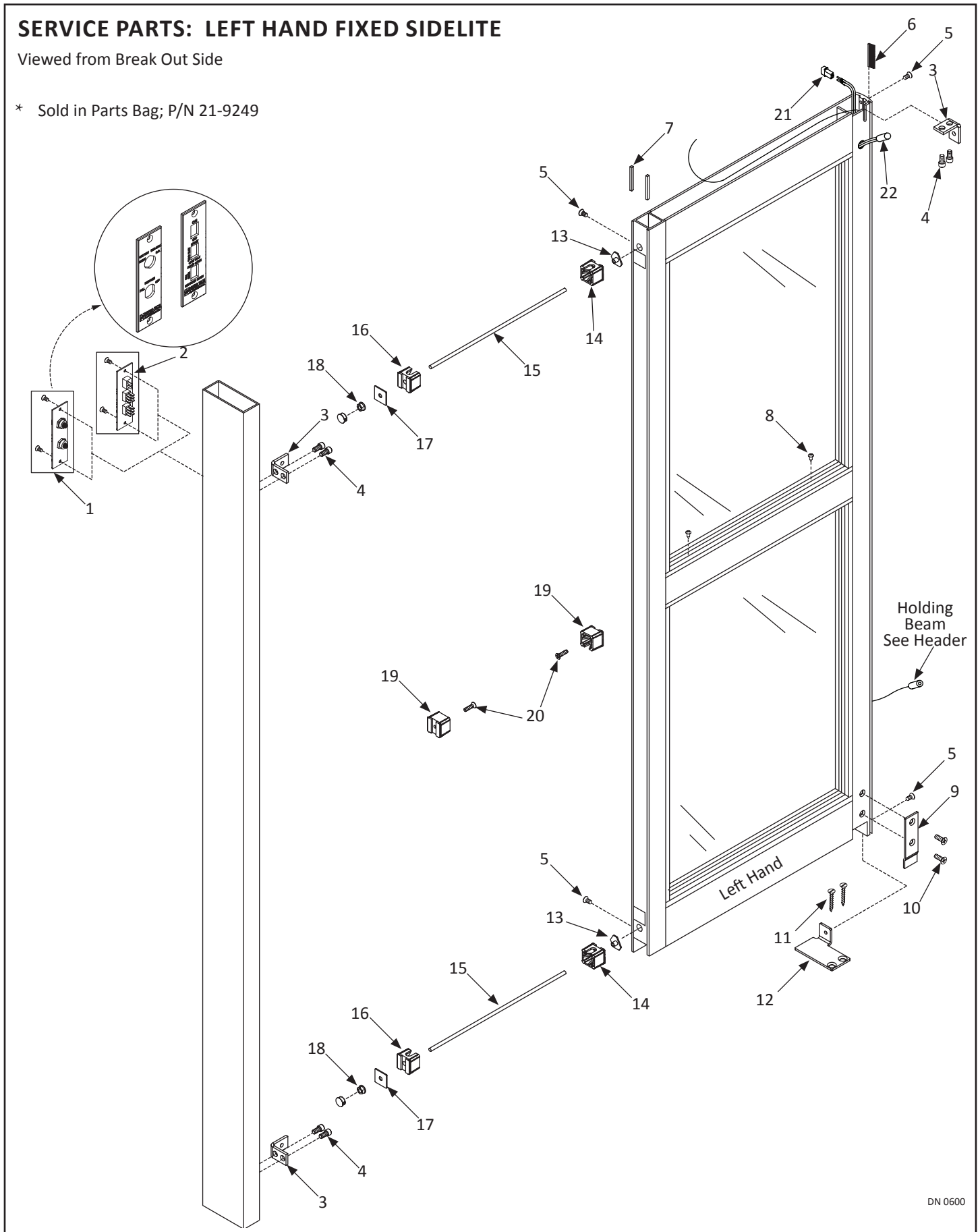


DN 0598

### SERVICE PARTS: LEFT HAND FIXED SIDELITE

Viewed from Break Out Side

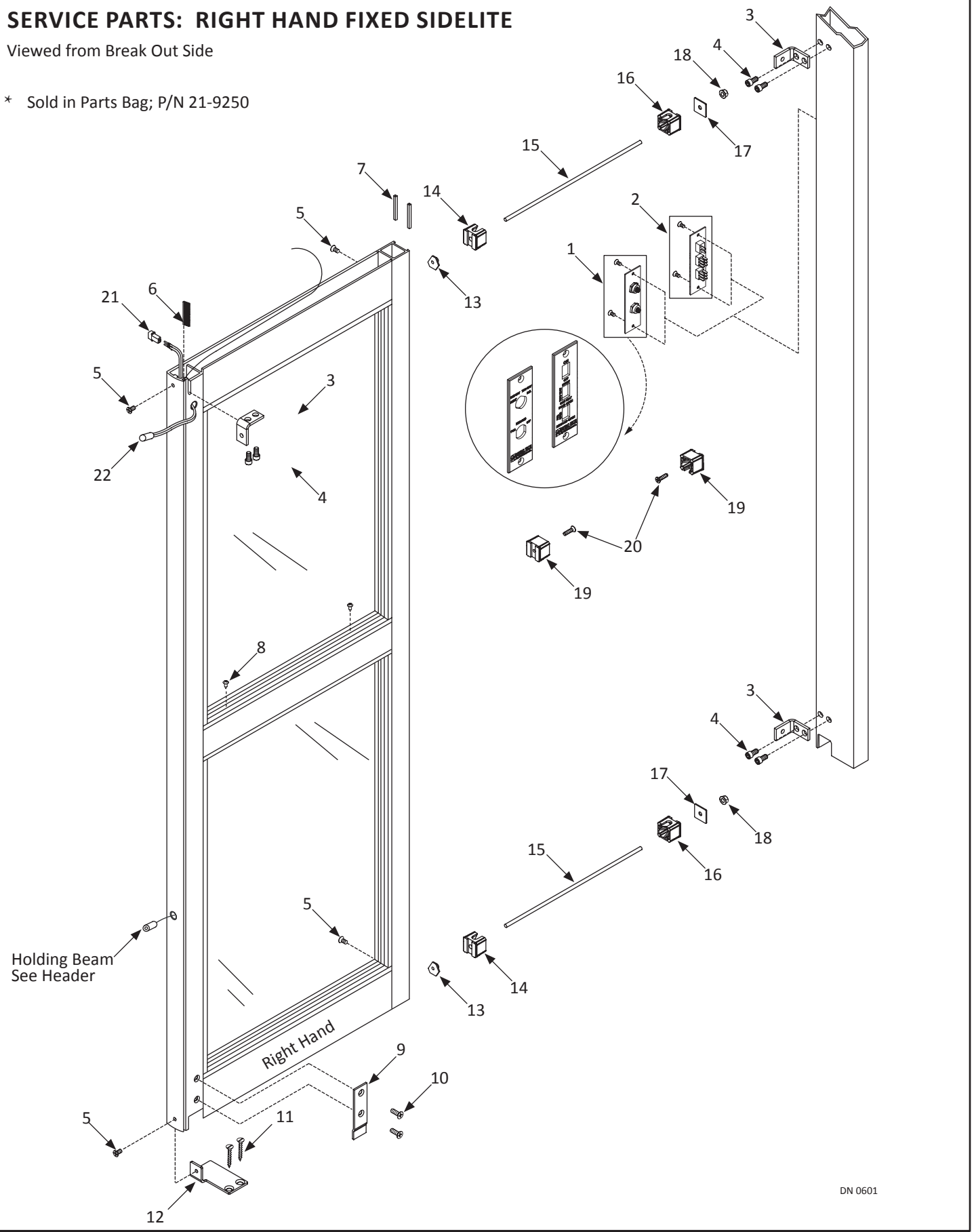
\* Sold in Parts Bag; P/N 21-9249



### SERVICE PARTS: RIGHT HAND FIXED SIDELITE

Viewed from Break Out Side

\* Sold in Parts Bag; P/N 21-9250

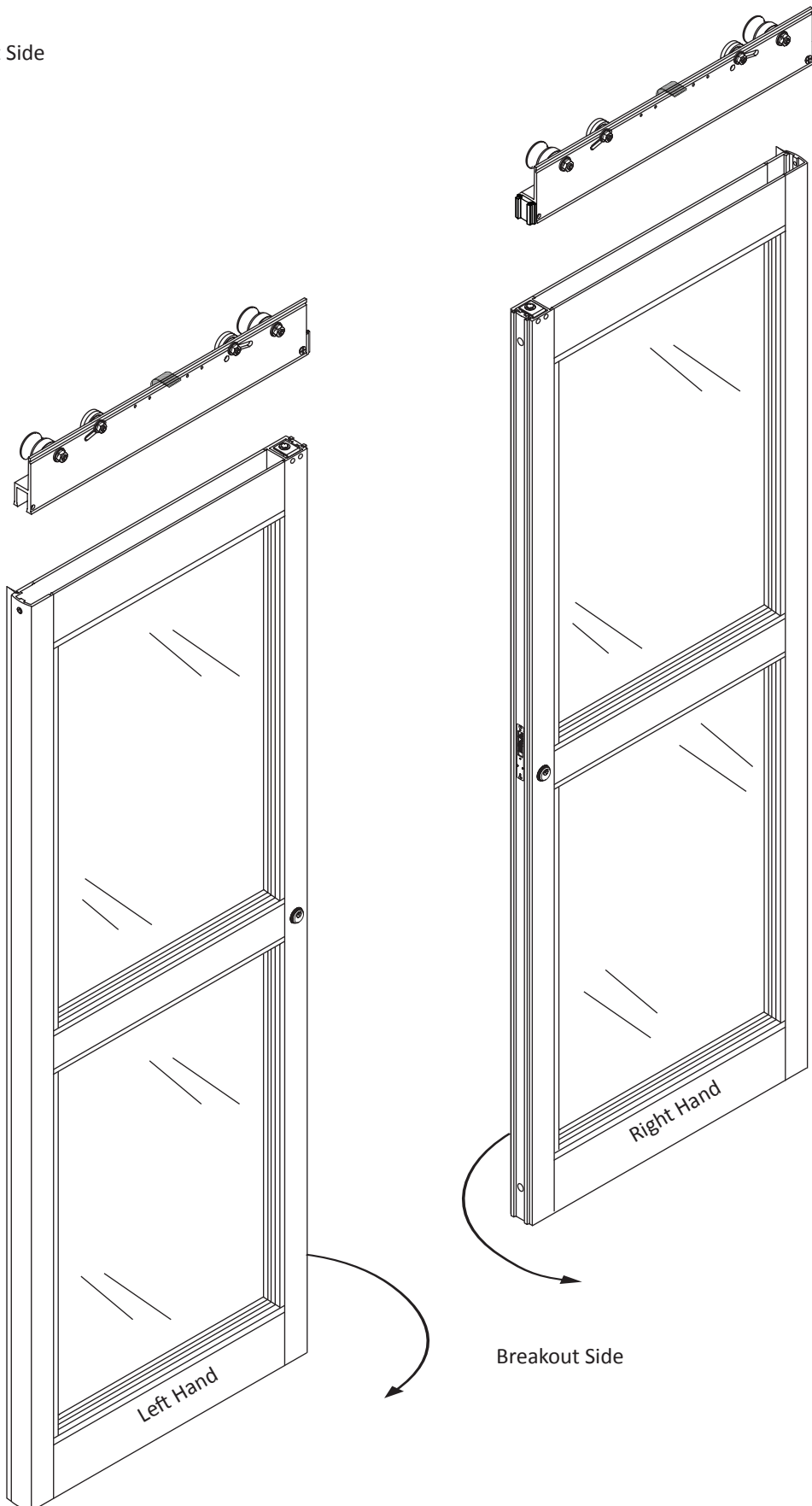


DN 0601

Fixed Sidelite			
Item	Part	Finish/Sizes/Notes	Description
1	M-01144		SWITCH, KEY - NABCO
	M-01145		SWITCH, KEY - PORTA SERVICE
2	14-11875		SWITCH - ROCKER - U30
	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	FHMS,1/4-20x0.500L.,PHIL,ZINC
	T-00057	Black Oxide	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-00313		FHSMS - SLOTTED, #14 X 1 1/12" LG
12	M-00717	RH	FLOOR BRKT, RHFS
	M-00710	LH	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	14-6264	For Breakout Switch	Female Connector
22	14-14490-58	White/Installed inside Strike Stile/See Header for Extension Harnesses	Breakout Switch

### SERVICE PARTS: FIXED SIDELITE SLIDE DOOR

Viewed from Break Out Side



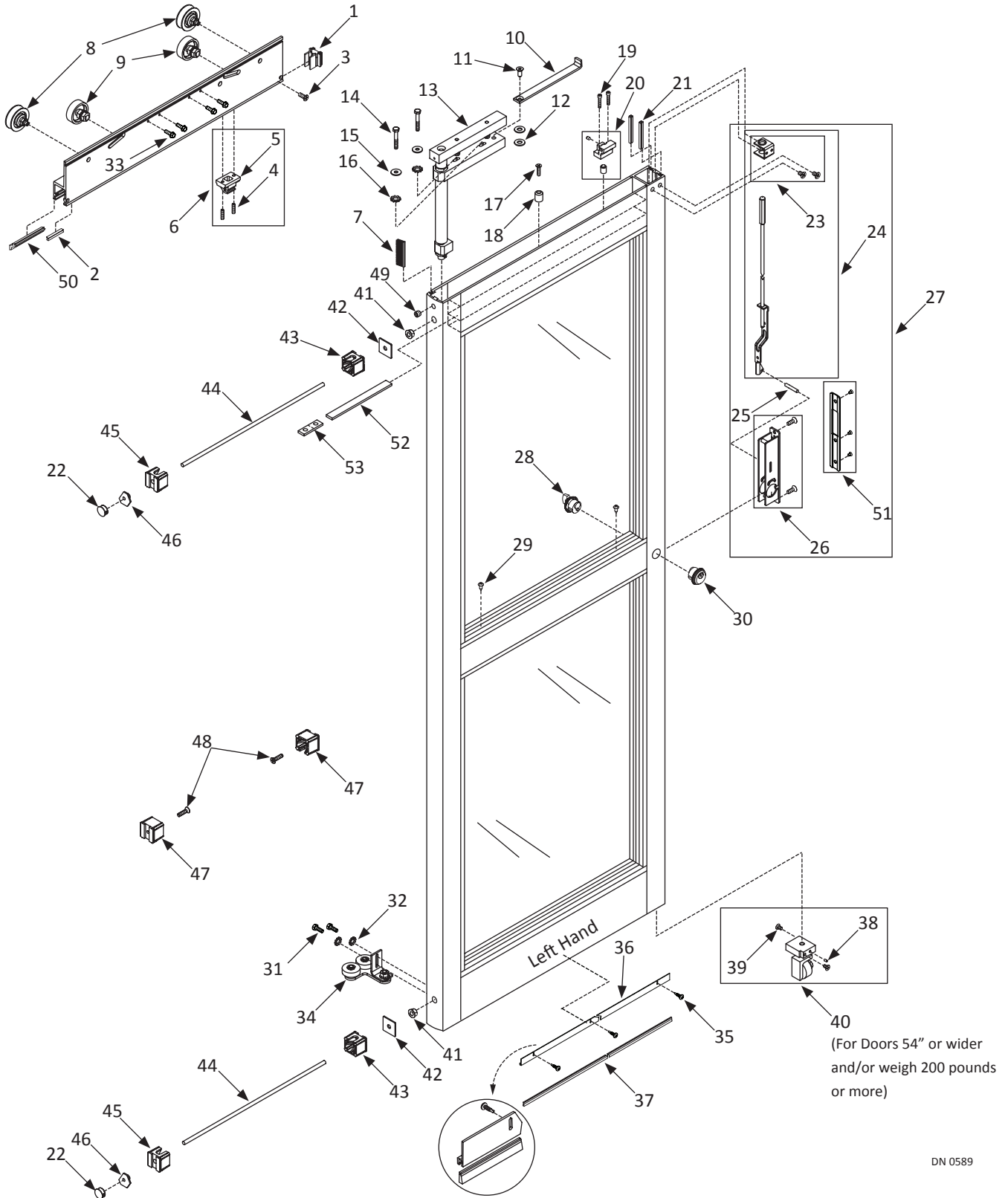
DN 0584



### SERVICE PARTS: FIXED SIDELITE; LEFT HAND SLIDE DOOR

Viewed from Break Out Side

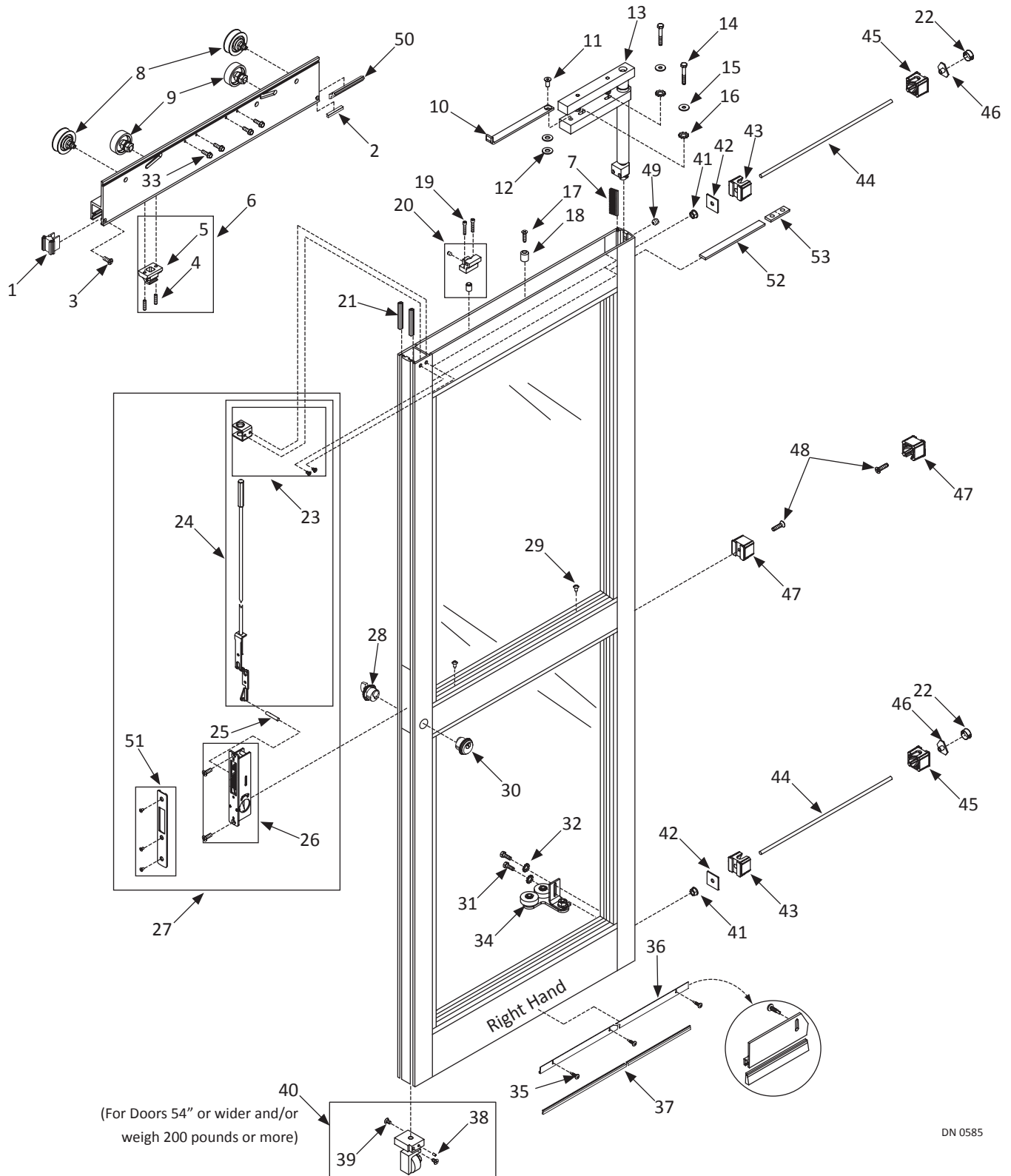
\* Sold in Parts Bag; P/N 21-9249 LH



### SERVICE PARTS: FIXED SIDELITE; RIGHT HAND SLIDE DOOR

Viewed from Break Out Side

\* Sold in Parts Bag; P/N 21-9250 RH

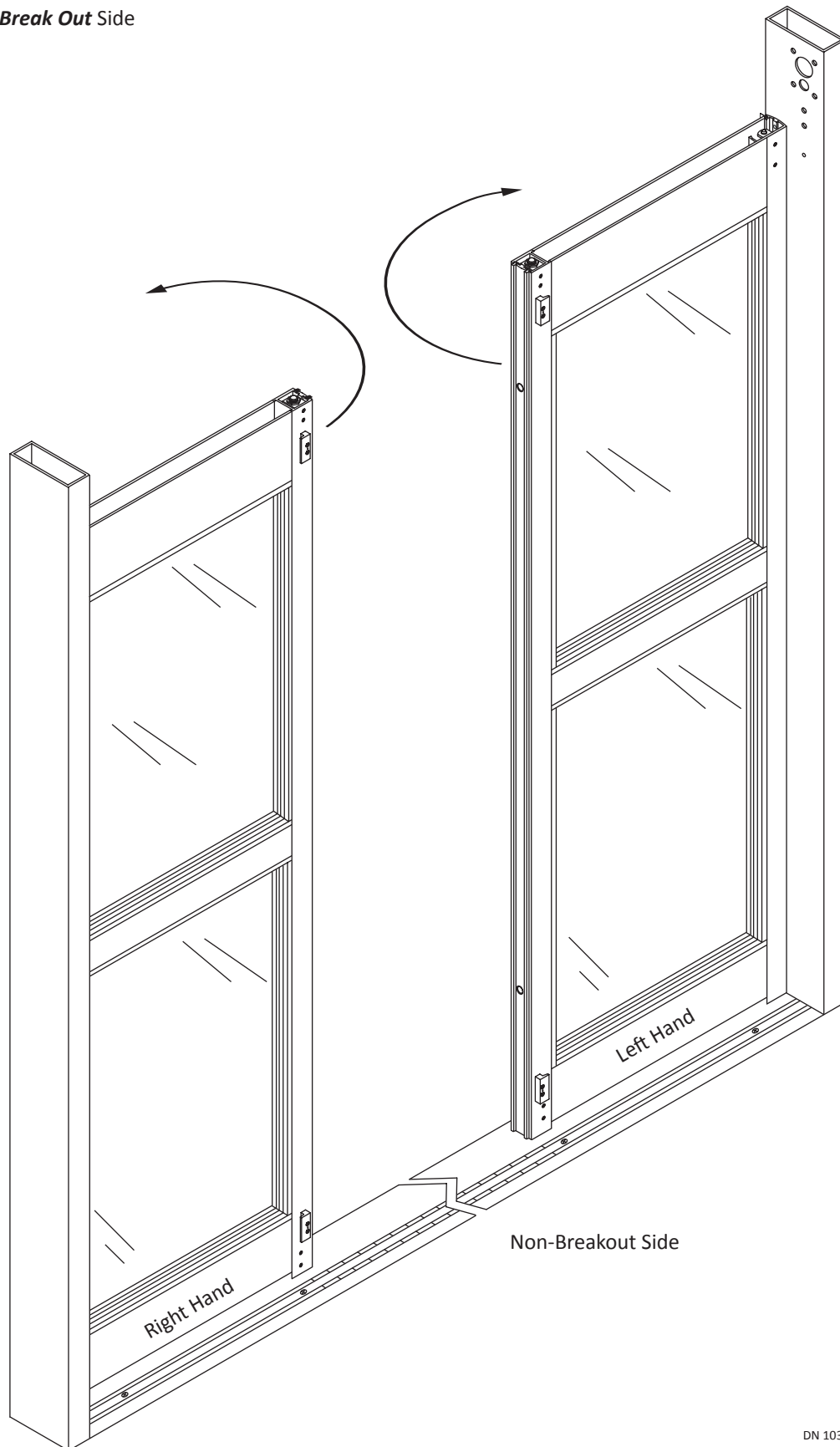


Fixed Sidelite Slide Door			
Item	Part	Finish/Sizes/Notes	Description
1	A-60133	Clear	"CARRIER END CAP,204"
	A-70133	Dark Bronze	CARRIER END CAP,313
2	M-00690		WEATHER, PILE .2
3	T-00006	Zinc	FHSMS,10x0.750L.,PHIL,ZINC
	T-00005	Black Zinc	FHSMS,10x0.750L.,PHIL,BLK ZN
4	T-00091		SHSS,5/16-18x1.250L.,CUP PT.
5	M-00483		PANIC CATCH RELEASE ASSEMBLY
6	A-00071		PANIC CATCH, UPPER,ASM.
7	A-00951		"BRUSH, NYLON, .56 LX1.875L."
8	A-00162		ROLLER, HANGER, ASSEMBLY, 1175
9	A-00163		AXLE ASSEMBLY-ANTI RISE ROLLER
10	M-00379	Narrow Stile	LIMIT ARM, STANDARD STILES
	A-00173	Narrow Panel; Medium Stile	LIMIT ARM NRW PANEL-MED STILE
11	T-00018		FHCS,7/16-14x1.000L.,ZINC
12	T-00069		WASHER,.255 ID,.900 OD,.125 THK,NYLON
13	A-00092		CARRIER,PIVOT,NARROW STILE
	A-00165		CARRIER, PIVOT ASSY, MED STILE
	A-000168		Error no match found
	A-00172		CARRIER,PIVOT,ASM.,NRW.PNL - MED.STILE
14	T-00028		HHCS,1/4-20x1.750L.,GR5,ZINC
15	T-00029		WASHER,.250 ID,.563 OD,.049 THK,ZINC
16	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC
17	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
18	M-00653		BRACKET, LIMIT ARM SUPPORT
19	T-00037		SHCS,1/4-20x1.250L.,ZINC
20	A-00069		PANIC CATCH, BOTTOM
21	M-00688		PILE WEATHERING .45 TALL W/ ADHESIVE
22	T-00085		PLUG, DOME, .813 DIAMETER
23	M-01634		LOCK GUIDE (SUB COMPONENT OF LOCK ROD)
24	V-00094		LOCKROD, ADAMS-RITE #4015
25	T-00132		"PIN,ROLL,5/32D X 0.875L."
26	V-00005		LOCK, ADAMS-RITE #MS1853
27	A-00523		KIT,LOCK AND ROD
28	V-00116	Silver	CYLINDER,LOCK,THUMBTURN,204
	V-70116	Bronze	CYLINDER,LOCK,THUMBTURN,313
29	T-00098		PHSMS,10x0.563L.,PHIL,TYPE A
30	V-00123	Silver	CYLINDER,LOCK,KEYED,204
	V-70123	Bronze	CYLINDER,LOCK,KEYED,313
31	T-00064		HHCS,1/4-20x0.750L.,ZINC
32	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC
33	T-00119		HHCS,1/4-20x0.750L.,WASH HD.TRILOBE,ZINC

Fixed Sidelite Slide Door			
Item	Part	Finish/Sizes/Notes	Description
34	A-00181	RH	BTM GUIDE DOUBLE ROLLER ASM, RH
	A-00183	LH	BTM GUIDE DOUBLE ROLLER ASM, LH
35	T-00222	Smoke Seal Only/Zinc	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
	T-00260	Smoke Seal Only/Black Zinc	PHSMS,6x0.500L. PHIL,TEKS BLK ZN
36	24-9125-01	Clear	WEATHERING EXT, 204
	24-9125-02	Dark Bronze	WEATHERING EXT, 313
37	M-00274		BRUSH, NYLON, 1" STEPPED
	M-00698		BRUSH, NYLON, 1.5"
38	T-00105		SHSS,8-32x0.313L.,CUP PT.
39	T-00016	Zinc	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,ZINC
	T-00108	Black Oxide	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,BLK ZN
40	14-5543-11	Clear	NOSE CASTER ASSY NARROW STILE
	14-5543-12	Dark Bronze	NOSE CASTER ASSY
	A-00207	Clear	NOSE CASTER ASSY, MED
	14-5543-22	Dark Bronze	NOSE CASTER ASSY
41	T-00025	Zinc	NUT,WHIZLOCK,3/8-16,ZINC
42	M-00422		PLATE,TIE ROD
43	M-00461		CLIP,MUNTIN,.386 HOLE
44	M-00272		3/8-16 THREADED ROD
45	M-00460		CLIP,MUNTIN,.500 HOLE
46	M-00416		T-NUT, 3/8"-16, TIE ROD
47	M-00462		CLIP,MUNTIN,.261 HOLE
48	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
49	T-00261		SHSS,5/16-24x0.500L.,CUP PT.
50	24-9094-01	Clear	INTERFACE LEG - 204
	24-9094-02	Dark Bronze	INTERFACE LEG - 313
51	V-00014	Clear	COVER,MS LOCK,W/ CUTOUT,204
	V-70014	Dark Bronze	COVER,MS LOCK,W/ CUTOUT,313
52	M-01189	Secures magnetic strip inside Rail	MAGNET, WEDGING STRIP
53	M-00282	Cut to full length of Top Door Rail Lo- cated inside Top Door Rail	FLEXIBLE MAGNETIC STRIP

### SERVICE PARTS: FULL OPEN SIDELITE

Viewed from *Non-Break Out* Side

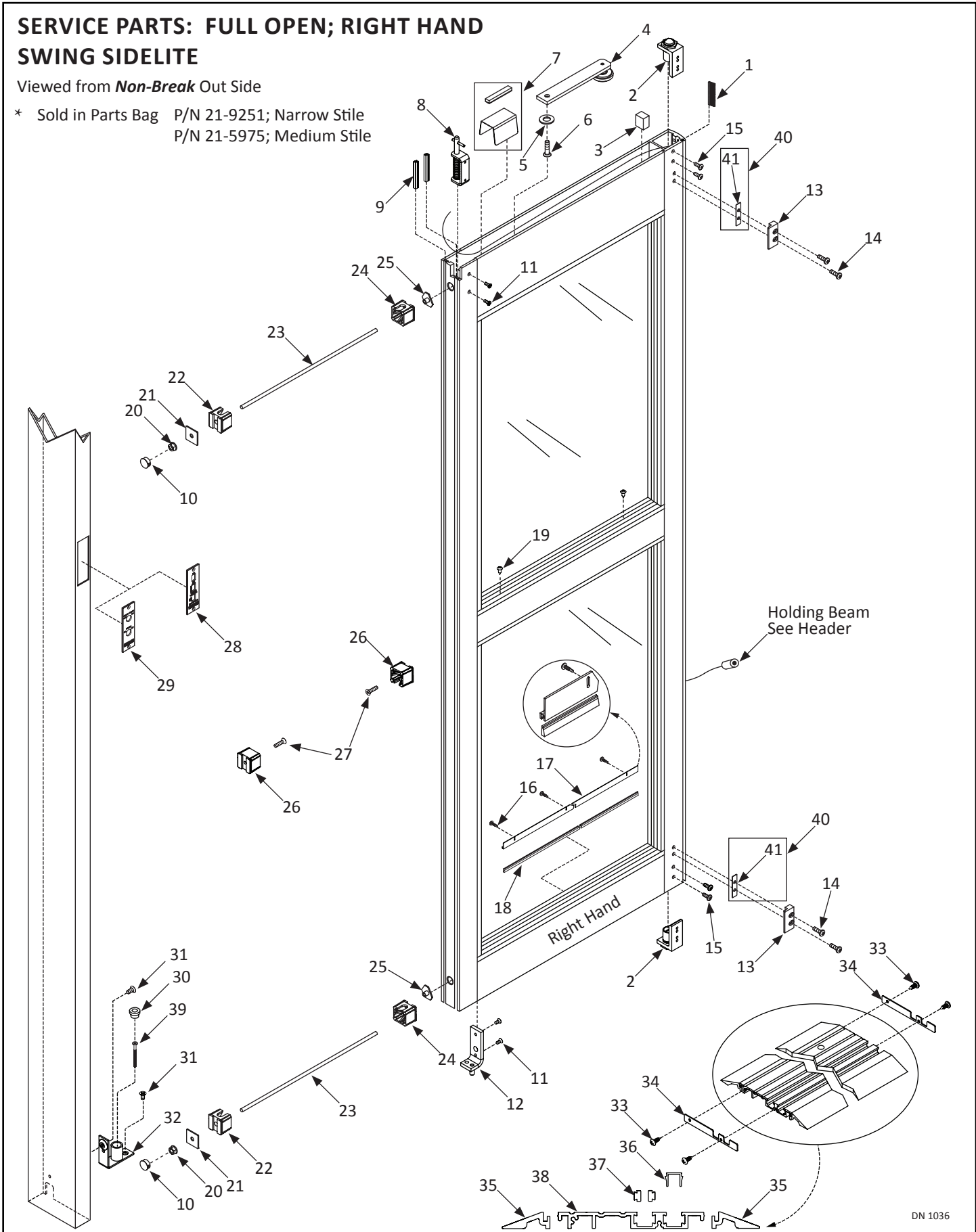


DN 1035

# SERVICE PARTS: FULL OPEN; RIGHT HAND SWING SIDELITE

Viewed from **Non-Break** Out Side

- \* Sold in Parts Bag P/N 21-9251; Narrow Stile
- P/N 21-5975; Medium Stile

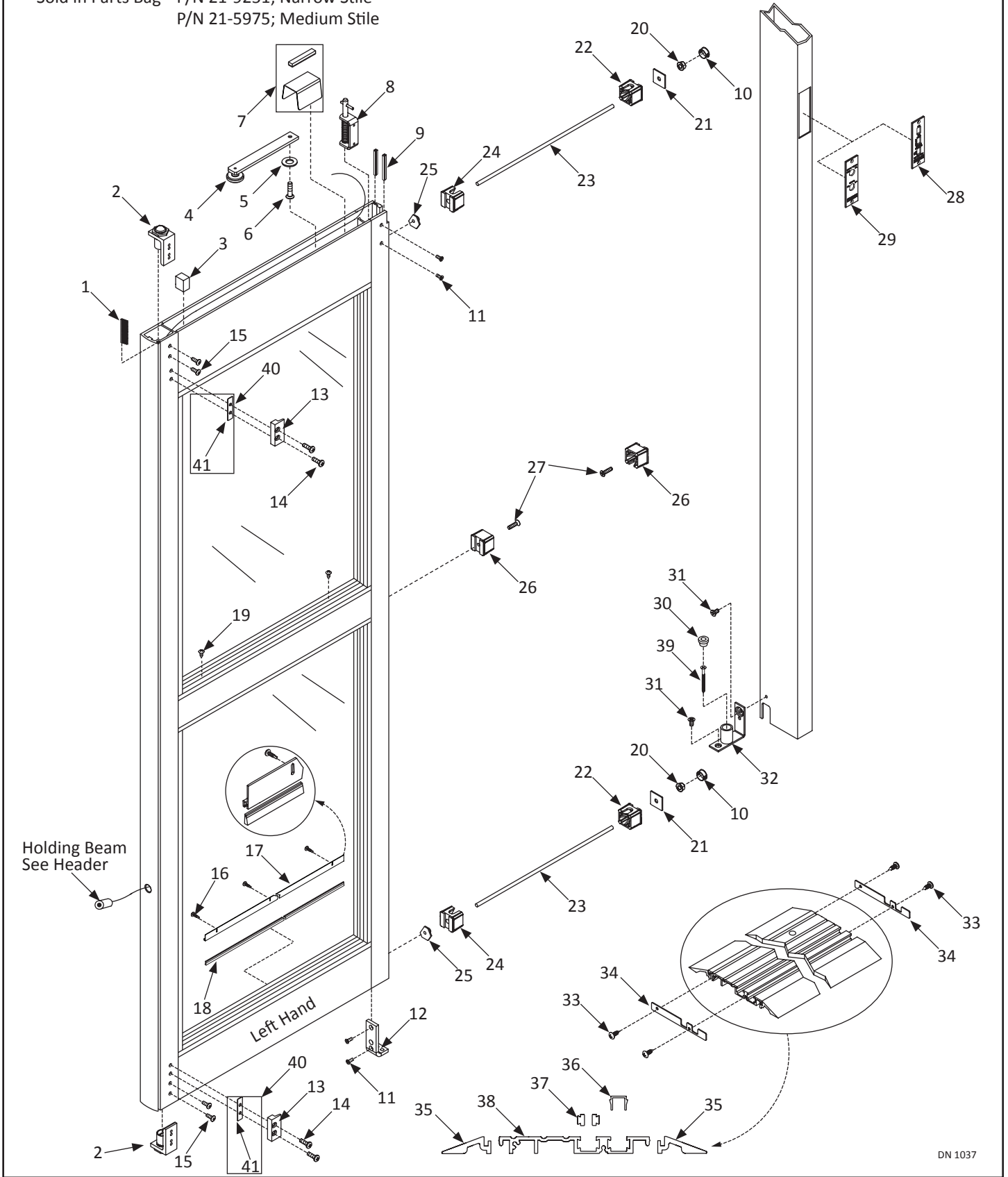


DN 1036

# SERVICE PARTS: FULL OPEN; LEFT HAND SWING SIDELITE

Viewed from **Non-Break** Out Side

- \* Sold in Parts Bag P/N 21-9251; Narrow Stile
- P/N 21-5975; Medium Stile



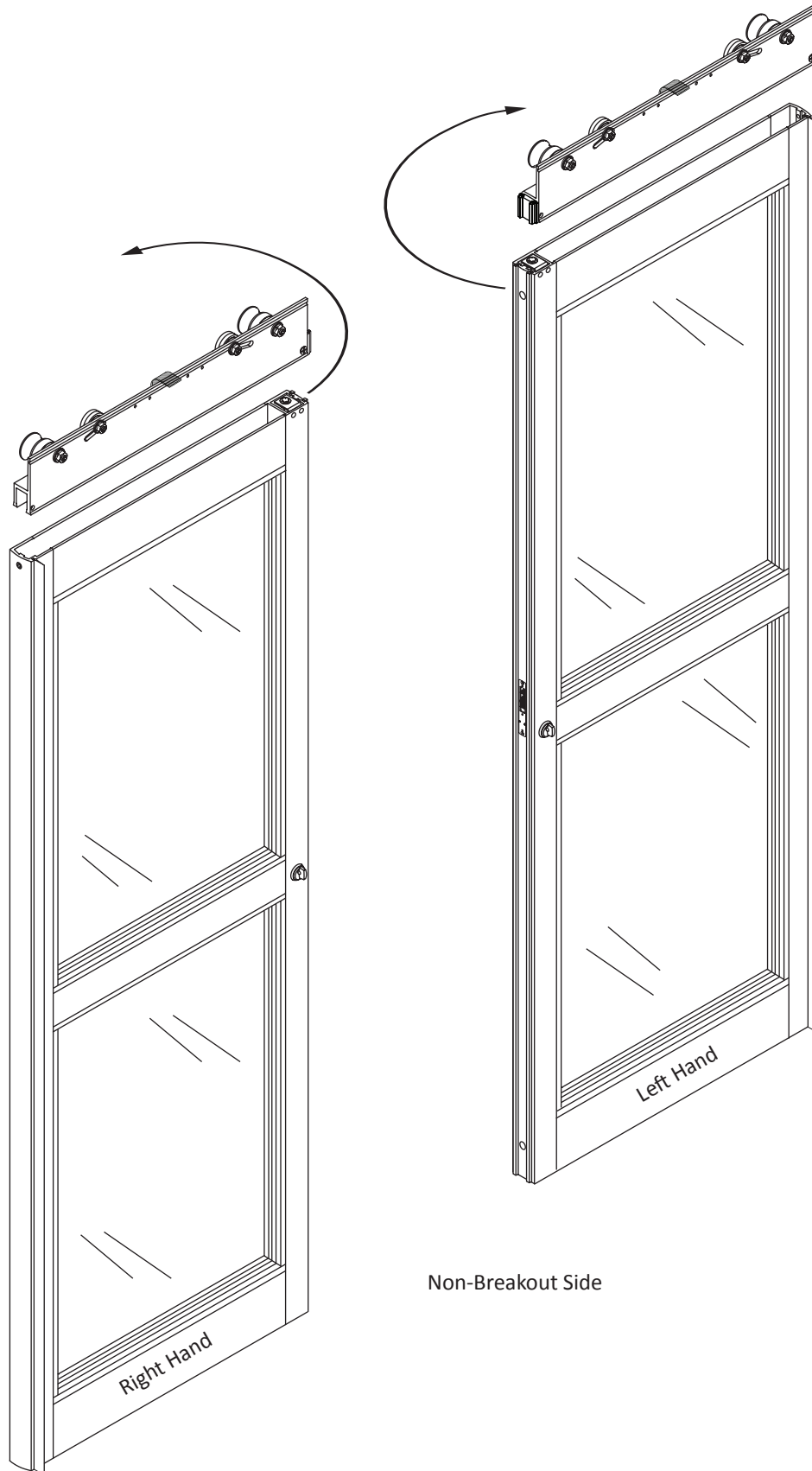
Full Open Sidelite			
Item	Part	Finish/Sizes/Notes	Description
1	A-00951		"BRUSH, NYLON, .56 LX1.875L."
2	A-00057		BALL DETENT,ASSEMBLY
3	A-00166		STOP BLOCK ASSY, SWING PANEL LIMIT ARM
4	A-00060		LIMIT ARM,SWING PANEL,ASM.NRW.STILE
5	T-00069		WASHER,.255 ID,.900 OD,.125 THK,NYLON
6	T-00083		FHMS,1/4-20x1.000L.,PHIL,UCUT,VIBRATITE
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	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
	T-00260	Black Zinc	PHSMS,6x0.500L. PHIL,TEKS BLK ZN
17	M-60278		HOLDER,WEATHERING BRUSH,204,EXTRU
	M-70278		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-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	14-11875	Blank Plate	SWITCH - ROCKER - U30
	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-00428	Porta Service	SWITCH MODULE,3 ROCKER,NABCO
30	M-00606		BUSHING, BOTTOM PIVOT, SWING PANEL
31	T-00007		FHMS,1/4-20x0.500L.,PHIL,UNDRUCUT,F-PT,ZN
32	M-00611		FLOOR PIVOT BRACKET
33	T-00009		PHSMS,6x0.375L,PHIL,TYPE AB,18-8 SS
34	M-00442		END CAP



Full Open Sidelite			
Item	Part	Finish/Sizes/Notes	Description
35	M-60260		RAMP, THRESHOLD EXTENSION,204,EXTRU
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		FHSMS,1/4x2.750L.,PHIL,TAPCON,BLUE
40	A-00391		KIT,SHIM,INTERLOCK
41	M-00494		SHIM, INTERLOCK

### SERVICE PARTS: FULL OPEN SLIDE DOOR

Viewed from *Non-Break* Out Side

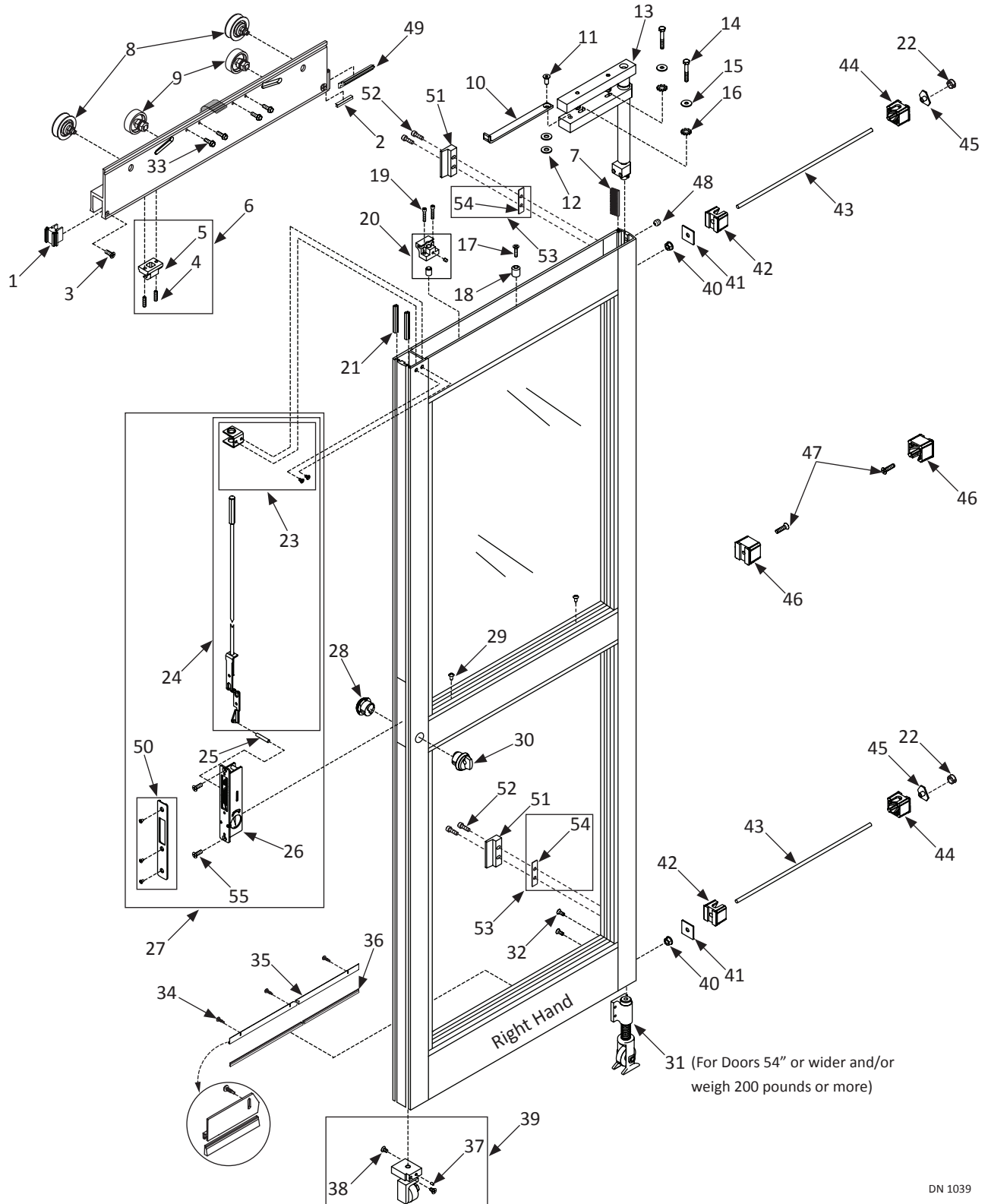


DN 1038

# SERVICE PARTS: RIGHT HAND FULL OPEN SLIDE DOOR

Viewed from **Non-Break** Out Side

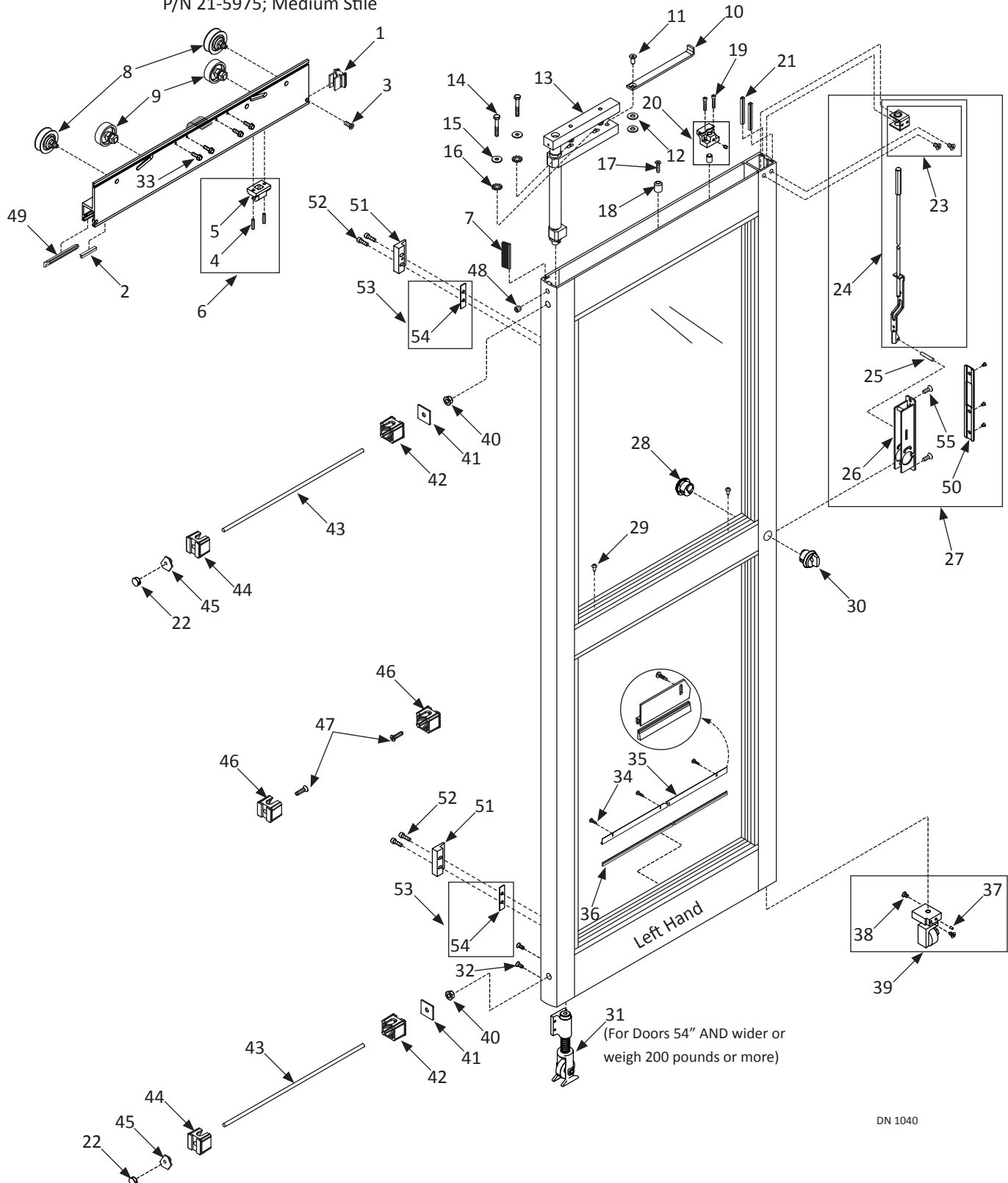
- \* Sold in Parts Bag P/N 21-9251; Narrow Stile
- P/N 21-5975; Medium Stile



# SERVICE PARTS: LEFT HAND FULL OPEN SLIDE DOOR

Viewed from **Non-Break** Out Side

- \* Sold in Parts Bag P/N 21-9251; Narrow Stile
- P/N 21-5975; Medium Stile



DN 1040

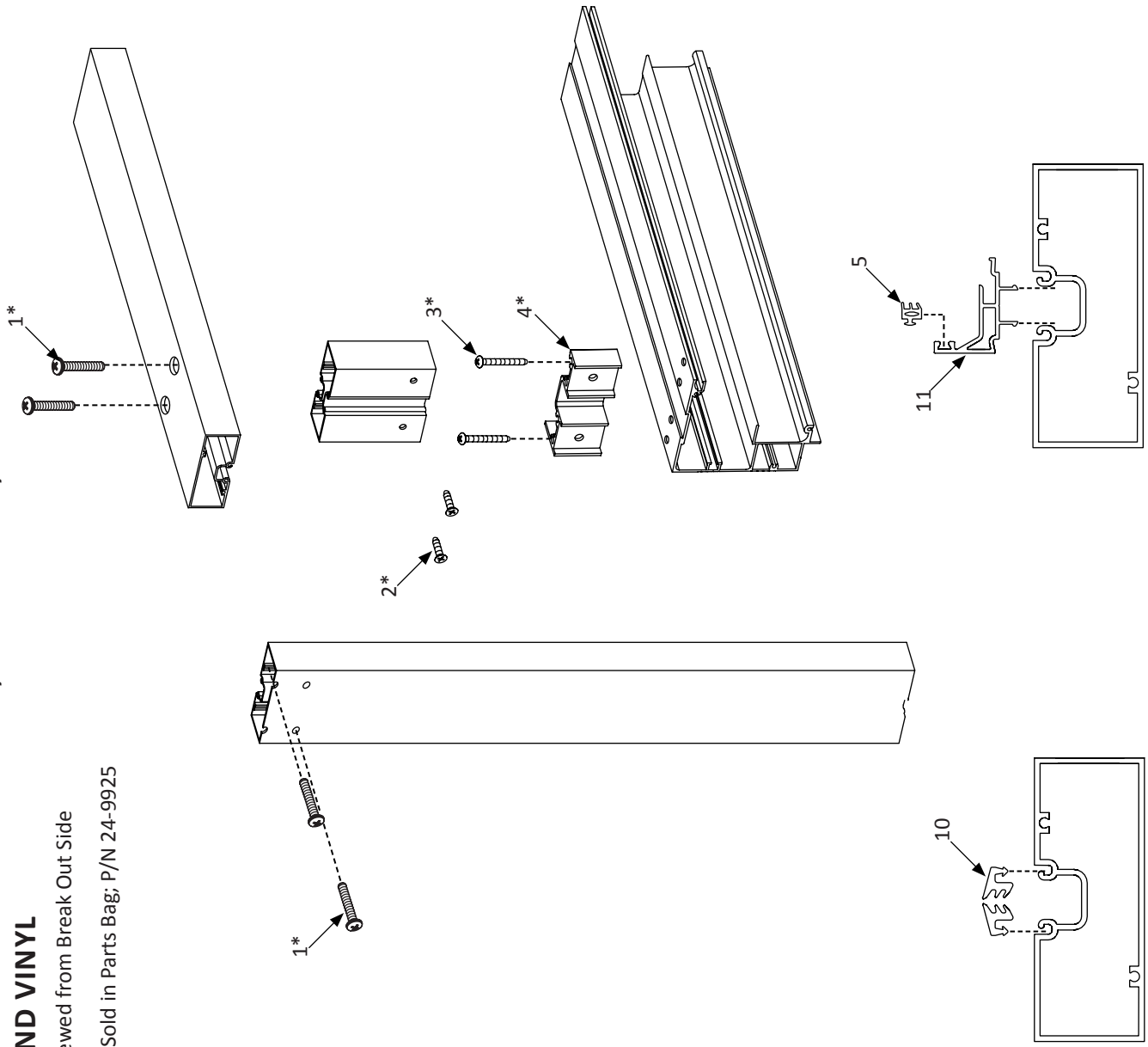
Full Open Slide Door			
Item	Part	Finish/Sizes/Notes	Description
1	A-60133	Clear	"CARRIER END CAP,204"
	A-70133	Dark Bronze	CARRIER END CAP,313
2	M-00690		WEATHER, PILE .2
3	T-00006	Zinc	FHSMS,10x0.750L.,PHIL,ZINC
	T-00005	Black Zinc	FHSMS,10x0.750L.,PHIL,BLK ZN
4	T-00091		SHSS,5/16-18x1.250L.,CUP PT.
5	M-00483		PANIC CATCH RELEASE ASSEMBLY
6	A-00071		PANIC CATCH, UPPER,ASM.
7	A-00951		"BRUSH, NYLON, .56 LX1.875L."
8	A-00162		ROLLER, HANGER, ASSEMBLY, 1175
9	A-00163		AXLE ASSEMBLY-ANTI RISE ROLLER
10	A-00060	Narrow Stile	LIMIT ARM,SWING PANEL,ASM.NRW.STILE
	A-00406	Medium Stile	LIMIT ARM, SWING PANEL, MED STILE
11	T-00018		FHCS,7/16-14x1.000L.,ZINC
12	T-00069		WASHER,.255 ID,.900 OD,.125 THK,NYLON
13	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
14	T-00028		HHCS,1/4-20x1.750L.,GR5,ZINC
15	T-00029		WASHER,.250 ID,.563 OD,.049 THK,ZINC
16	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC
17	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
18	M-00653		BRACKET, LIMIT ARM SUPPORT
19	T-00037		SHCS,1/4-20x1.250L.,ZINC
20	A-00069		PANIC CATCH, BOTTOM
21	M-00688		PILE WEATHERING .45 TALL W/ ADHESIVE
22	T-00085		PLUG, DOME, .813 DIAMETER
23	M-01634		LOCK GUIDE (SUB COMPONENT OF LOCK ROD)
24	V-00094		LOCKROD, ADAMS-RITE #4015
25	T-00132		"PIN,ROLL,5/32D X 0.875L."
26	V-00005		LOCK, ADAMS-RITE #MS1853
27	A-00523		KIT,LOCK AND ROD
28	V-00116	Silver	CYLINDER,LOCK,THUMBTURN,204
	V-70116	Bronze	CYLINDER,LOCK,THUMBTURN,313
29	T-00098		PHSMS,10x0.563L.,PHIL,TYPE A
30	V-00123	Silver	CYLINDER,LOCK,KEYED,204
	V-70123	Bronze	CYLINDER,LOCK,KEYED,313
31	A-00063	Narrow Stile	ROLLER GUIDE,BOTTOM,ASM.
	A-00692	Medium Stile	CASTED BOTTOM ROLLER GUIDE ASSEMBLY
32	T-00027		PHMS,10-32x0.500L.,PHIL.ZINC
33	T-00010		HHCS,1/4-20x0.750L.,WHIZLOCK,ZINC

Full Open Slide Door			
Item	Part	Finish/Sizes/Notes	Description
34	T-00222	Smoke Seal Only/Zinc	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
	T-00260	Smoke Seal Only/Black Zinc	PHSMS,6x0.500L. PHIL,TEKS BLK ZN
35	24-9125-01	Clear	WEATHERING EXT, 204
	24-9125-02	Dark Bronze	WEATHERING EXT, 313
36	M-00274		BRUSH, NYLON, 1" STEPPED
	M-00698		BRUSH, NYLON, 1.5"
37	T-00105		SHSS,8-32x0.313L.,CUP PT.
38	T-00016	Zinc	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,ZINC
	T-00108	Black Oxide	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,BLK ZN
39	14-5543-11	Clear	NOSE CASTER ASSY NARROW STILE
	14-5543-12	Dark Bronze	NOSE CASTER ASSY
	A-00207	Clear	NOSE CASTER ASSY, MED
	14-5543-22	Dark Bronze	NOSE CASTER ASSY
40	T-00025	Zinc	NUT,WHIZLOCK,3/8-16,ZINC
41	M-00422		PLATE,TIE ROD
42	M-00461		CLIP,MUNTIN,.386 HOLE
43	M-00272		3/8-16 THREADED ROD
44	M-00460		CLIP,MUNTIN,.500 HOLE
45	M-00416		T-NUT, 3/8"-16, TIE ROD
46	M-00462		CLIP,MUNTIN,.261 HOLE
47	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
48	T-00019	Black Oxide	SHSS,5/16-24x0.313L.,CUP PT.
49	24-9094-01	Clear	INTERFACE LEG - 204
	24-9094-02	Dark Bronze	INTERFACE LEG - 313
50	V-00014	Clear	COVER,MS LOCK,W/ CUTOUT,204
	V-70014	Dark Bronze	COVER,MS LOCK,W/ CUTOUT,313
51	M-00440		INTERLOCK, PLASTIC, 1175
52	T-00078		PHMS,10-32x0.625L.,PHIL,ZINC
53	A-00391		KIT,SHIM,INTERLOCK
54	M-00494		SHIM, INTERLOCK
55	T-00043	Zinc	FHMS,10-24x0.375L.,PHIL,UNDERCUT,ZINC
	T-00045	Black Oxide	FHMS,10-24x0.375L.,PHIL,UNDERCUT,BLK ZN

# SERVICE PARTS: TRANSOM, GLASS STOPS, AND VINYL

Viewed from Break Out Side

\* Sold in Parts Bag; P/N 24-9925



DN 0618

Transom, Glass Stops, and Vinyl			
Item	Part	Finish/Sizes/Notes	Description
1	T-00157		"PHSMS,8x1.000L.,PHIL,TYPE B"
2	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
3	T-00320		PHSMS, #10 - 1.750L.
4	M-00799		TRANSOM CLIP
5	M-00263	Used for 1/4" Glass	VINYL GLASS STOP THREE PRONG
6	M-00284	Used for 1/4" and 1" Glass Clear	VINYL GLASS STOP TEAR DROP
7	M-60250	Used for 1/4" and 1" Glass/Clear	GLASS STOP,BASE,204,EXTRU
	M-70250	Used for 1/4" and 1" Glass/Dark Bronze	GLASS STOP,BASE,313,EXTRU
8	M-60268	Used for 1/4" Glass/Clear	GLASS STOP, SNAP IN, 1/2" TALL,204,EXTRU
	M-70268	Used for 1/4" Glass/Dark Bronze	GLASS STOP, SNAP IN, 1/2" TALL,313,EXTRU
9	M-00333	Used for 1" Glass/Clear	GLASS STOP, 1" TALL, SNAP IN 1/4" GLASS
	M-70333	Used for 1" Glass/Dark Bronze	GLASS STOP, TOP, 1" TALL, 313 ,EXTRU
10	M-00279	Used for 1/4" Glass	VINYL FLUSH GLAZE
11	M-00298	Used when Glass Size is other than 1/4"	GLASS STOP,BASE,TRANSOM JAMB