



Model GT1175 Standard Slide Doors Installation Manual

with U30 Control

P/N C-00105 Rev 3-27-19

Nabco Entrances Inc. S82 W18717 Gemini Drive Muskego, Wisconsin 53150
Phone: (877) 622-2694 Fax: (888) 679-3319 www.nabcoentrances.com
NABCO hours of Operation: Monday to Friday 8:00 a.m.- 4:30 p.m. (Central Time)

Associated Manuals Part Numbers: U30 Microprocessor Control Setup and Programming Manual P/N C-00203 Model
GT1175 Electrical Installation Manual **with U30 Microprocessor Control** P/N C-00198
Automatic Sliding Door Owners Manual (P/N C-00109) for Decal Installation
NABCO Price Book P/N 16-9244-30 (for Sensors, Switches, and Accessories)

WARNING

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

Table of Contents

CHAPTER 1: WARNING LABELS 4
CHAPTER 2: GENERAL SAFETY RECOMMENDATIONS 4
CHAPTER 3: SCOPE 5
SECTION 3.1: To the Installer 5
SECTION 3.2: Objective 5
CHAPTER 4: GETTING STARTED 5
SECTION 4.1: Types of Units 5
SECTION 4.2: Header Configuration 5
SECTION 4.3: Header Components 6
SECTION 4.4: Remove the Header Cover 6
CHAPTER 5: INSPECT THE ROUGH OPENING 7
CHAPTER 6: ASSEMBLE DOOR FRAME (NO TRANSOM) 7
CHAPTER 7: ASSEMBLE DOOR FRAME WITH TRANSOM 8
SECTION 7.1: Secure Transom Verticals to Header 8
SECTION 7.2: Install the Glass Stops 9
SECTION 7.3: Secure Header and Transom to Pocketed Jamb Tubes 11
SECTION 7.4: Assemble Door Frame 11
SECTION 7.5: Install the Tie Rods 11
CHAPTER 8: SECURE DOOR FRAME TO BUILDING 13
SECTION 8.1: Anchor Placements 13
SECTION 8.2: Complete the Tie Rod Installation (For Transom Units only) 14

CHAPTER 9: WIRE THE SWITCH ASSEMBLY (ROCKER SWITCH OR KEY SWITCH)	14
CHAPTER 10: INSTALL THE THRESHOLD	15
SECTION 10.1: Install the Surface Threshold	15
SECTION 10.2: Install the Recessed Threshold.....	16
CHAPTER 11: INSTALL THE FULL OPEN SIDELITE	17
SECTION 11.1: Install the Bottom Pivot	17
SECTION 11.2: Partially Install the Limit Arm.....	18
SECTION 11.3: Install the Full Open Sidelite onto the Upper Pivot and Bottom Pivot	18
SECTION 11.4: Complete Installation of the Limit Arm	18
SECTION 11.5: Adjust the Ball Detents	19
CHAPTER 12: INSTALL THE FIXED SIDELITE	19
SECTION 12.1: Secure the Fixed Sidelite to the Door Frame.....	19
SECTION 12.2: Install the Bottom Guide Assembly	20
SECTION 12.3: Install the Floor Bracket	21
CHAPTER 13: INSTALL THE SLIDE DOOR	21
SECTION 13.1: Secure Slide Door to Belt Clips	21
SECTION 13.2: Install Bottom Guides	22
SECTION 13.3: Adjust Rollers	23
SECTION 13.4: Adjust the Interlocks	23
CHAPTER 14: PERMANENTLY INSTALL THE THRESHOLD	24
SECTION 14.1: Threshold Maintenance	25
CHAPTER 15: 110 VAC GENERAL WIRING	25
CHAPTER 16: INSTALL WEATHERING	26
CHAPTER 17: GLAZING	26
SECTION 17.1: Door Panel	27
SECTION 17.2: Complete the Transom Installation	27
SECTION 17.3: Complete the 1/4" Glass Stop Flush Glazing.....	28
SECTION 17.4: Dust Protector Hoods (Clean Room Optional)	28
SECTION 17.5: Aluminum Hood	28
SECTION 17.6: Stainless Steel Hood (Header)	29
SECTION 17.7: Correct Sagging of Door Panel	29
CHAPTER 18: ADJUSTMENTS	29
SECTION 18.1: Balance Weight of Door Panel with Nose Caster	29
SECTION 18.2: Adjust the Breakout Magnet	30
SECTION 18.3: Adjust Preload	30

SECTION 18.4: Adjust Horizontal Position of Carrier 31

SECTION 18.5: Adjust the Ball Plunger 31

SERVICE PARTS: FIXED SIDELITE, 1175. 32

SERVICE PARTS: FULL OPEN, 1175, NON-HANDED. 33

SERVICE PARTS: HEADER 34

SERVICE PARTS: FIXED SIDELITE 37

SERVICE PARTS: LEFT HAND FIXED SIDELITE 38

SERVICE PARTS: RIGHT HAND FIXED SIDELITE 39

SERVICE PARTS: FIXED SIDELITE SLIDE DOOR 41

SERVICE PARTS: FIXED SIDELITE; LEFT HAND SLIDE DOOR 42

SERVICE PARTS: FIXED SIDELITE; RIGHT HAND SLIDE DOOR. 43

SERVICE PARTS: FULL OPEN SIDELITE 46

SERVICE PARTS: FULL OPEN; LEFT HAND SIDELITE 47

SERVICE PARTS: FULL OPEN; RIGHT HAND SIDELITE. 48

SERVICE PARTS: FULL OPEN; SLIDE DOOR 51

SERVICE PARTS: RIGHT HAND SLIDE DOOR FULL OPEN 52

SERVICE PARTS: RIGHT HAND SLIDE DOOR FULL OPEN 53

SERVICE PARTS: GLASS STOPS AND TRANSOM HARDWARE 56

CHAPTER 1: WARNING LABELS

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

DANGER

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

WARNING

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

CAUTION

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

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

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

Note: Indicates important information that provides further instruction.

CHAPTER 2: GENERAL SAFETY RECOMMENDATIONS

WARNING

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

WARNING

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

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 U30 Control 120 VAC Harness, and the Incoming 120 VAC Ground wire must be connected to the Ground screw located within the Swing door Header.

CAUTION

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

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

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

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

CHAPTER 3: SCOPE

SECTION 3.1: To the Installer

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

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

SECTION 3.2: Objective

The GT-1175 Standard Slide Door system is designed to be installed within a Rough Opening of a Building. The door function is controlled by the U30 Microprocessor 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 1ft² (0.9 m²) and having no dimension greater than 18 in (457 mm)”.

CHAPTER 4: GETTING STARTED

SECTION 4.1: 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 4.2: Header Configuration

Components within the Header are layed out in (1 of 3) different configurations to ensure proper operation of the Drive Belt. However, no matter the configuration, the Power Supply must never be installed between the U30 Microprocessor Control and the Operator. Please see details listed below:

- ▶ Operator/Control/Power: Header Width is not wide. Operator needs to be installed to the left of the U30 Control.

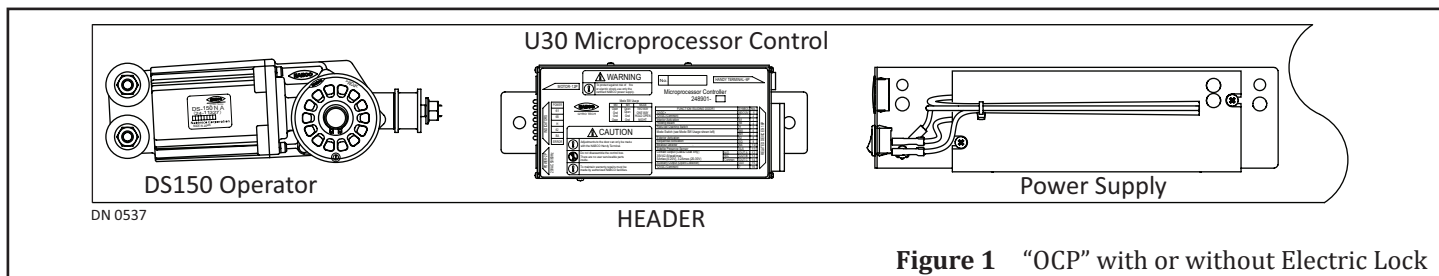


Figure 1 “OCP” with or without Electric Lock

- ▶ Power/Operator/Control: Header Width is wide, but Operator still needs to be installed between the Power Supply and the U30 Control.

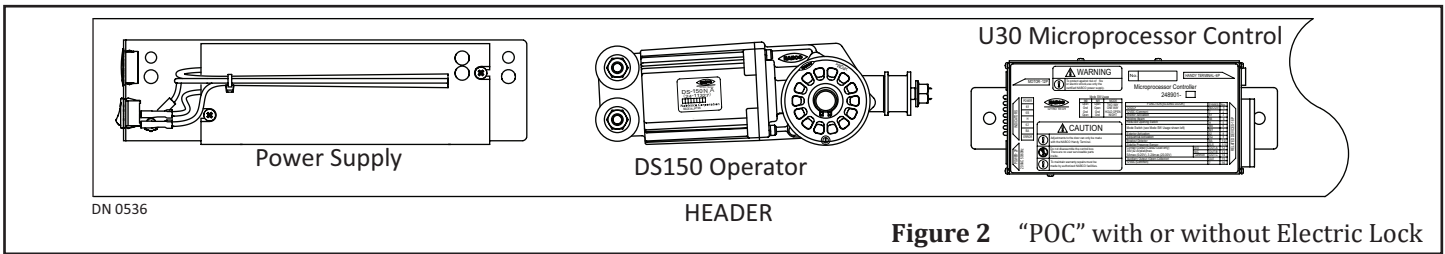


Figure 2 “POC” with or without Electric Lock

- ▶ Power/Control/Operator: Header Width is wider. Operator can be installed to the right of the Power Supply and the U30 Control.

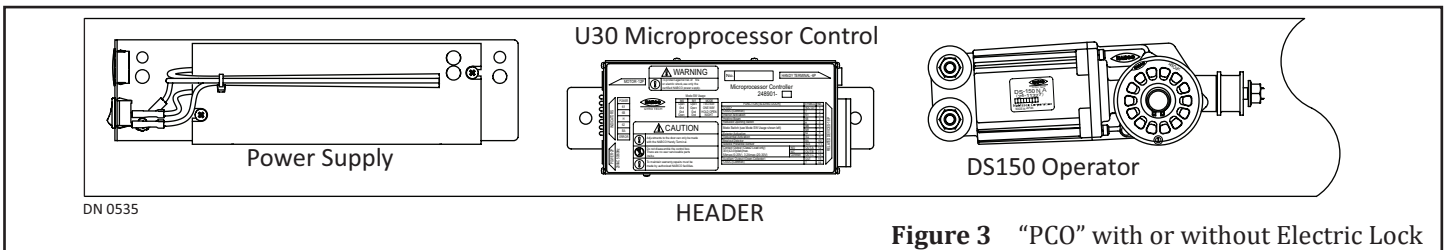
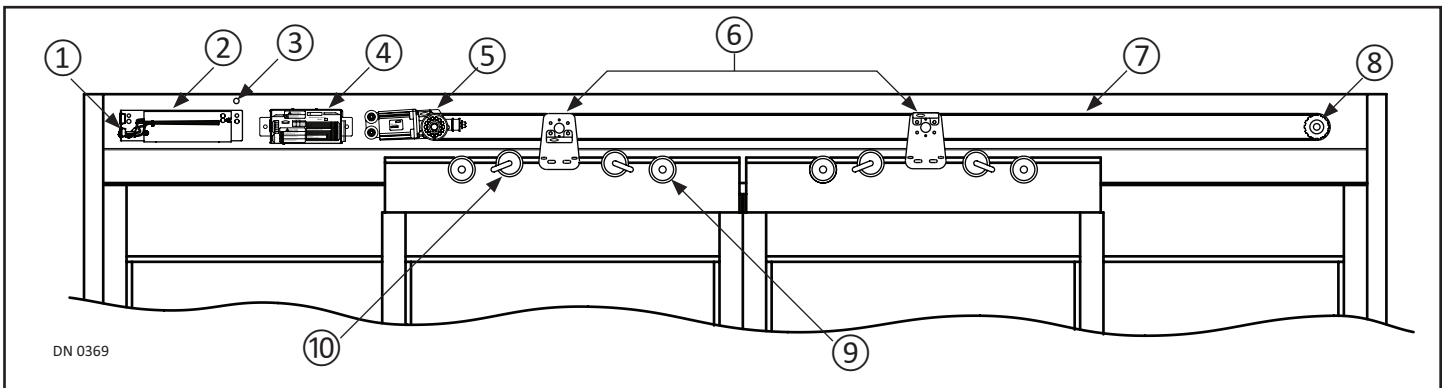


Figure 3 “PCO” with or without Electric Lock

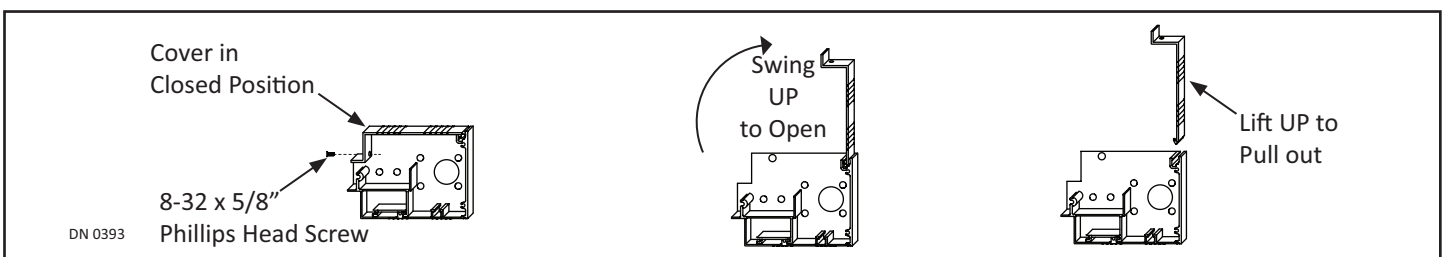
SECTION 4.3: Header Components



1	Power Cut Off Switch	N/A	6	Belt Clip Assembly	A-00759
2	DS 150/U30 Power Supply	A-00717	7	Timing Belt 3/4" wide	M-01491
3	Handy Terminal Harness	M-01517	8	Idler Assembly	A-00042
4	U30 Microprocessor Control	V-00020	9	Anti Rise Roller	A-00163
5	DS 150 Operator	M-00395	10	Hanger Roller	A-00162

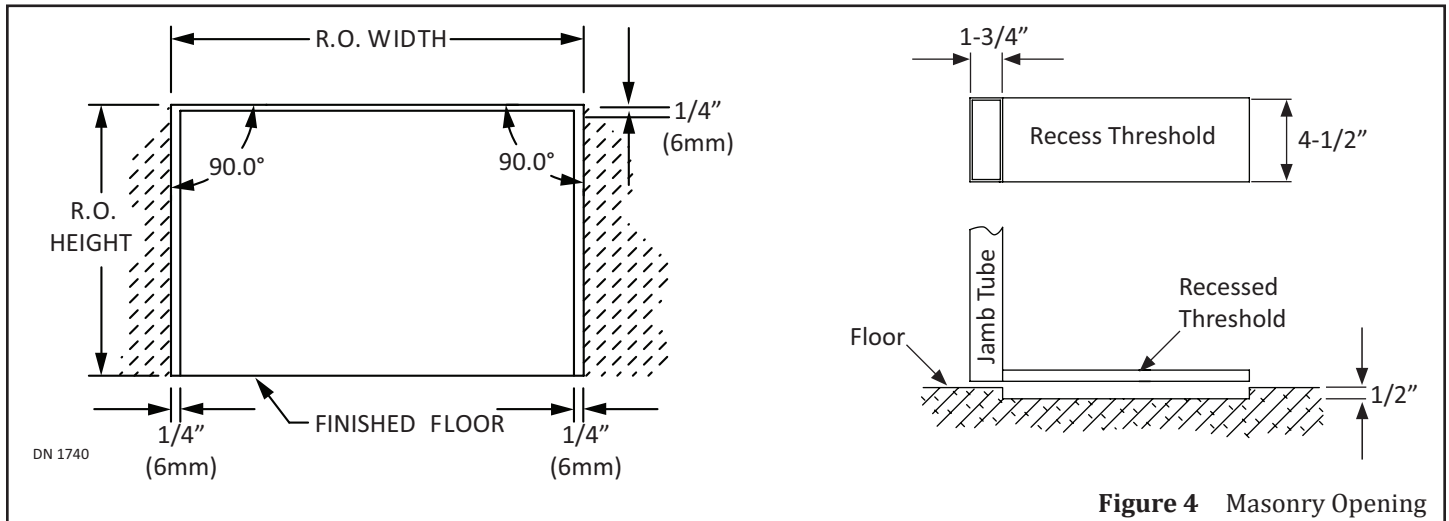
SECTION 4.4: Remove the Header Cover

1. Remove (2) 8-32x0.625L Flat head 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.

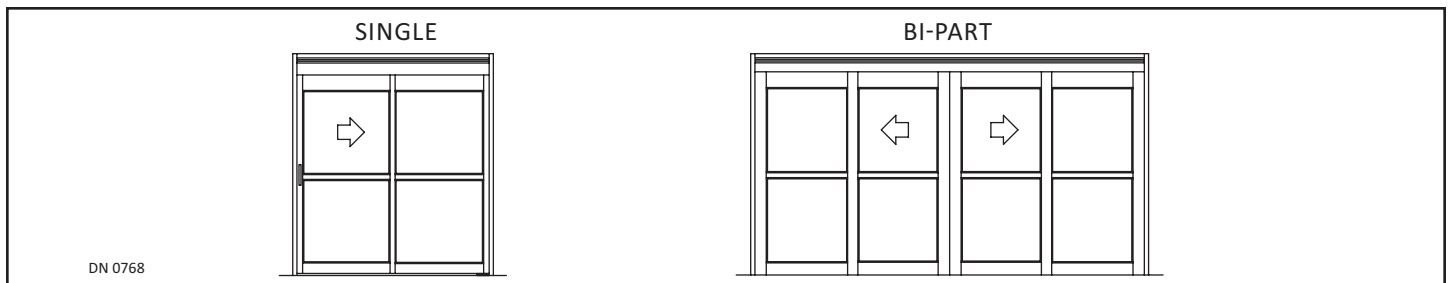


CHAPTER 5: INSPECT THE ROUGH OPENING

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



CHAPTER 6: ASSEMBLE DOOR FRAME (NO TRANSOM)



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.

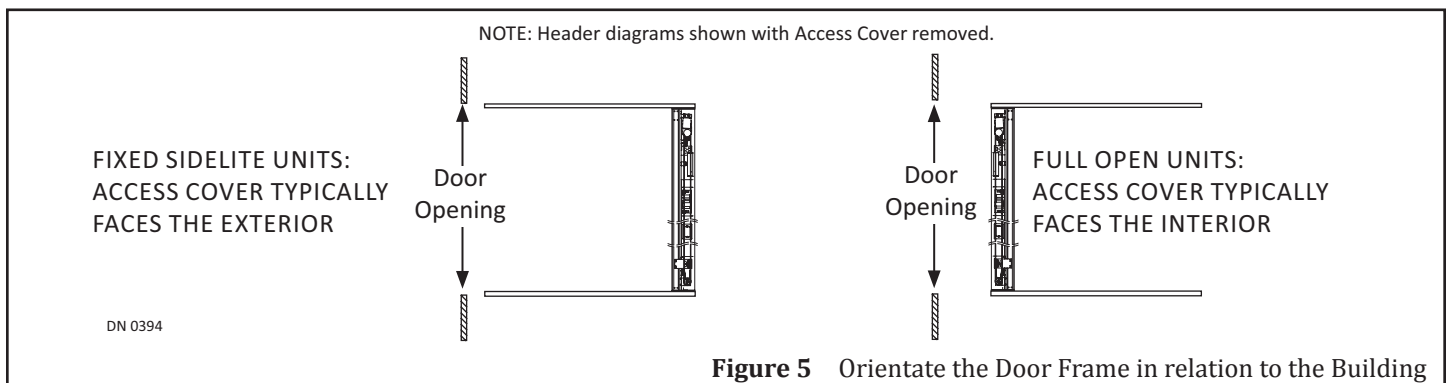
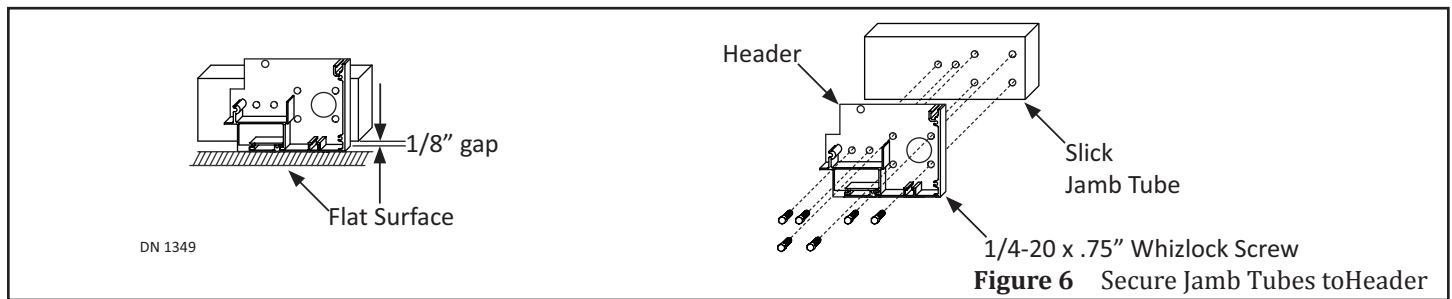


Figure 5 Orientate the Door Frame in relation to the Building

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: ASSEMBLE DOOR FRAME WITH TRANSOM

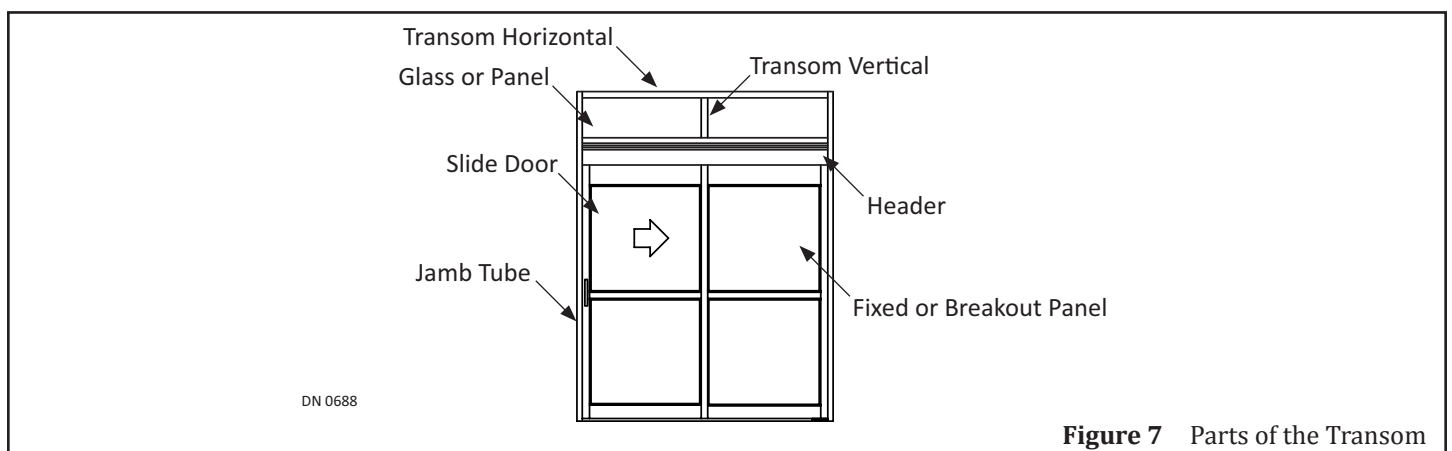


Figure 7 Parts of the Transom

- ▶ Transom Horizontal: Secured between the Header and Rough Opening, plus (2) Jamb Tubes.
- ▶ Transom Vertical: Secured between the top of Header and bottom of the Transom Horizontal. Transom Verticals are used to divide glass or panels.
- ▶ Transom Clip used to secure Transom Verticals to top of Header.
- ▶ Glass Stops: Assembly of (2) Brackets with Vinyl Strips. Used to secure glass.

SECTION 7.1: Secure Transom Verticals to Header

1. Place the Header on a flat surface. Align the Transom clips to the pre-drilled holes on top.
2. Secure. to Header with 10 x 1-3/4 inch Phillips Pan Head screws.
 - a. Please refer to the orientation sticker located on the Header for proper location and orientation.

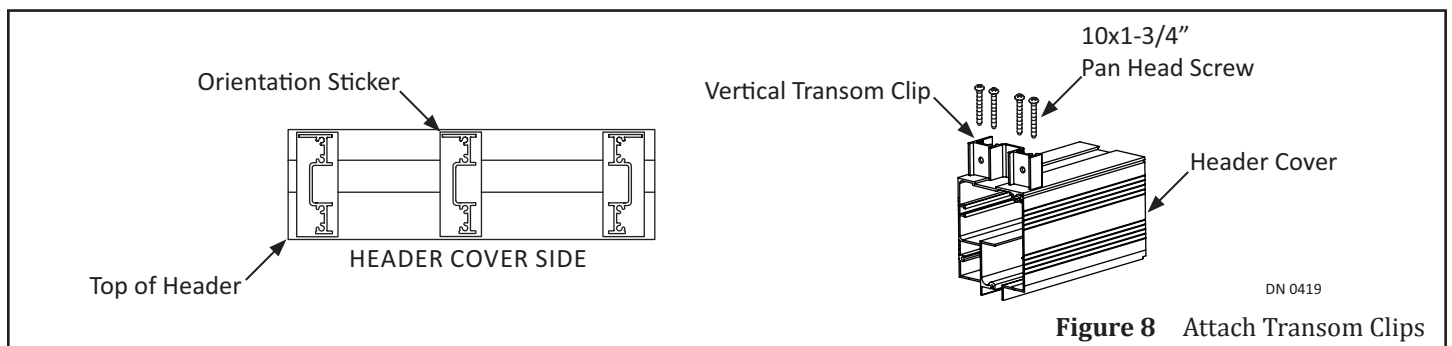


Figure 8 Attach Transom Clips

3. Obtain Transom Verticals. Secure (1) Transom Vertical to each Transom Clip with 1/4-20 x 1" Flat Head screws.
4. Secure the Transom Horizontal onto the Transom Verticals with #8 x 1 inch Pan Head screw.

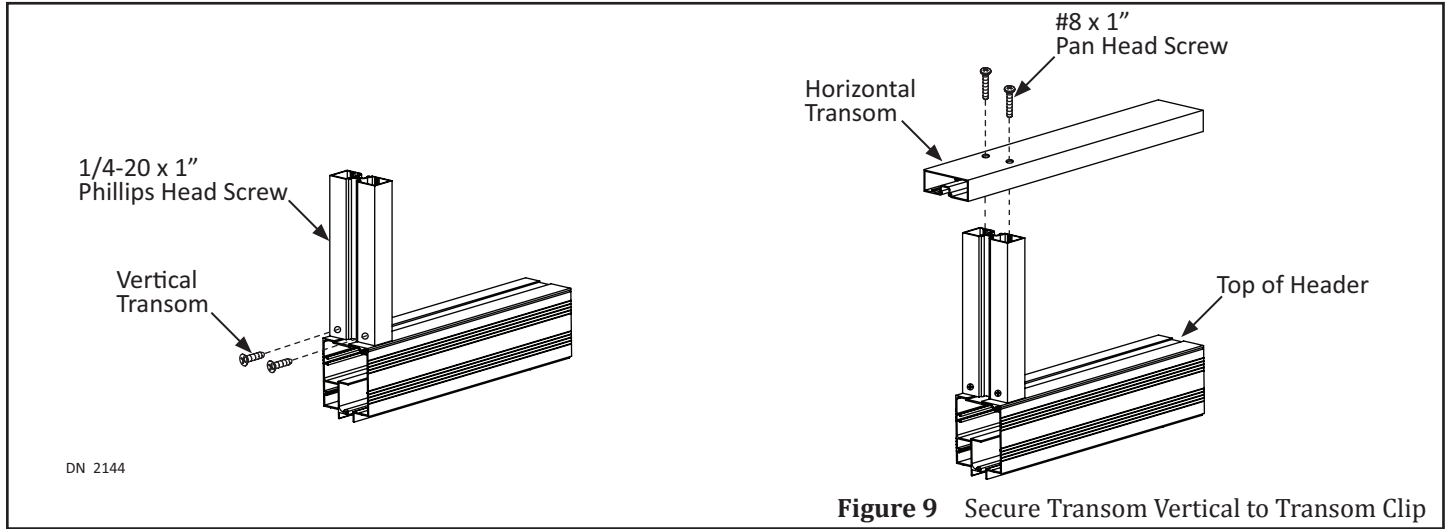


Figure 9 Secure Transom Vertical to Transom Clip

SECTION 7.2: Install the Glass Stops

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

Note: Glass Panels are installed before or after the Door Frame is secured to the rough opening. For details please refer to "CHAPTER 17: Glazing".

7.2.1 Top of Header

1. Go to the top of Header.
2. Snap-In the Door/Header, Base Glass Stops between Transom Verticals.
3. Snap-In the Door/Header, Base Glass Stops between the End Transom Vertical to the End of Header.
4. Ensure the tall back of the Base Glass Stop faces the Exterior side of building.

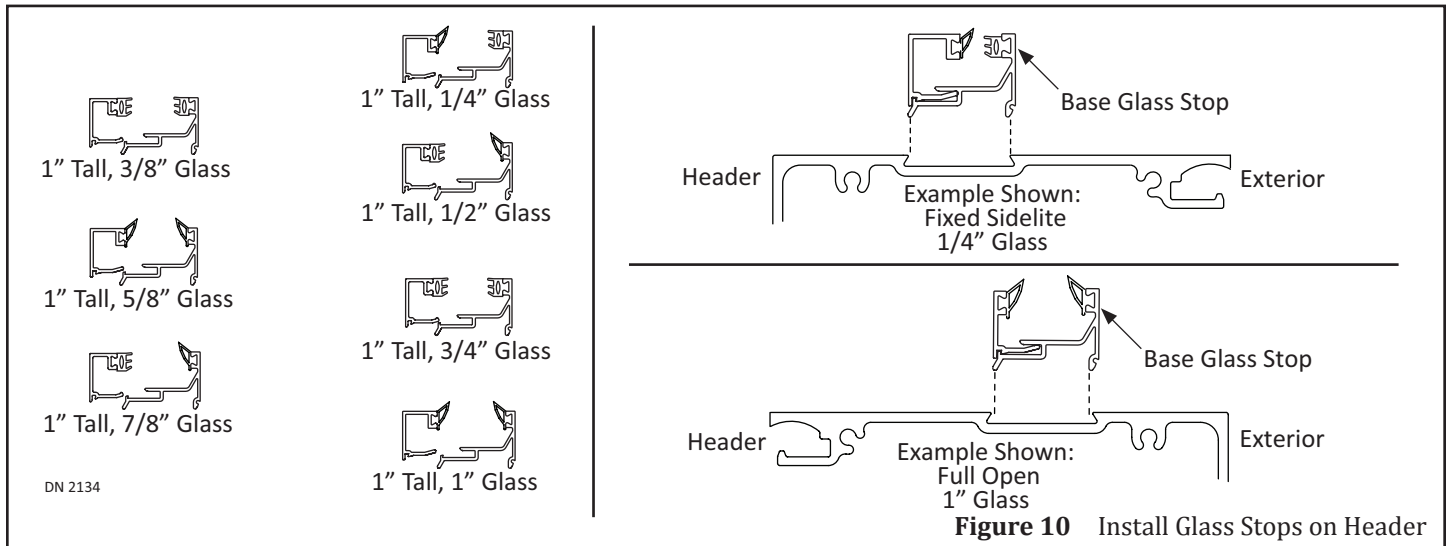
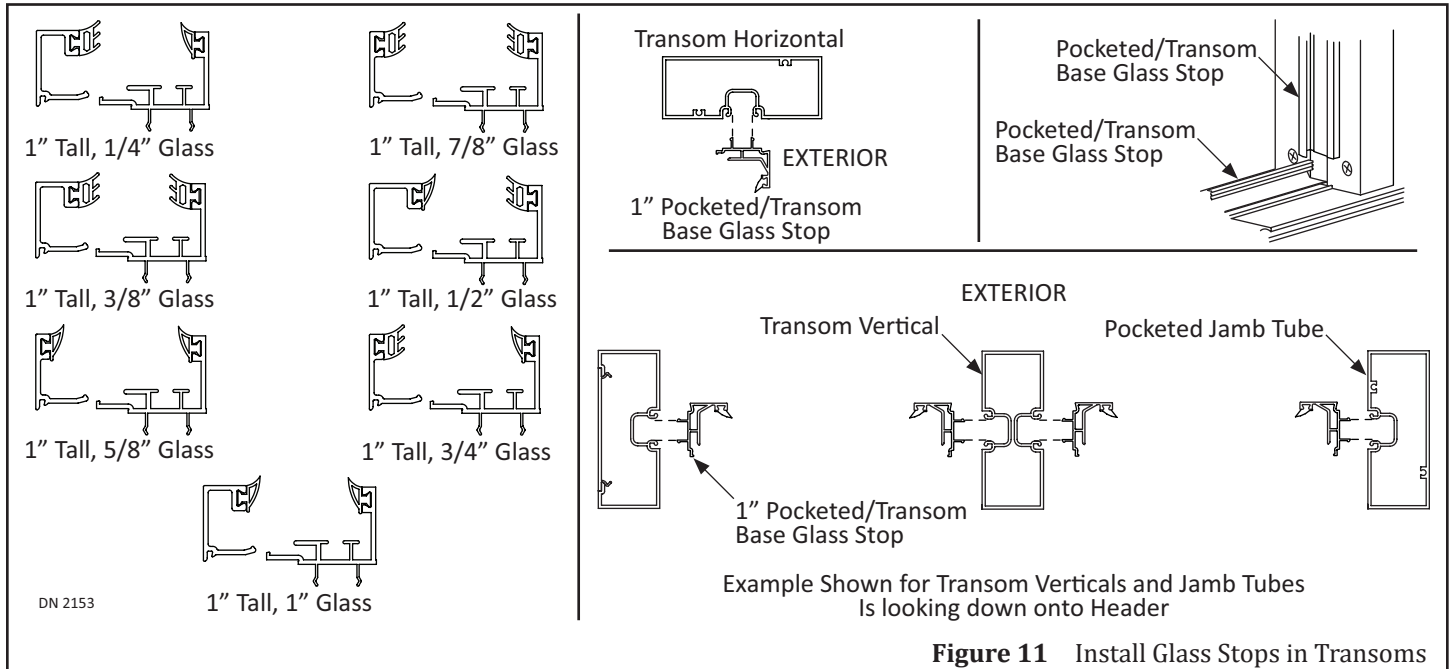


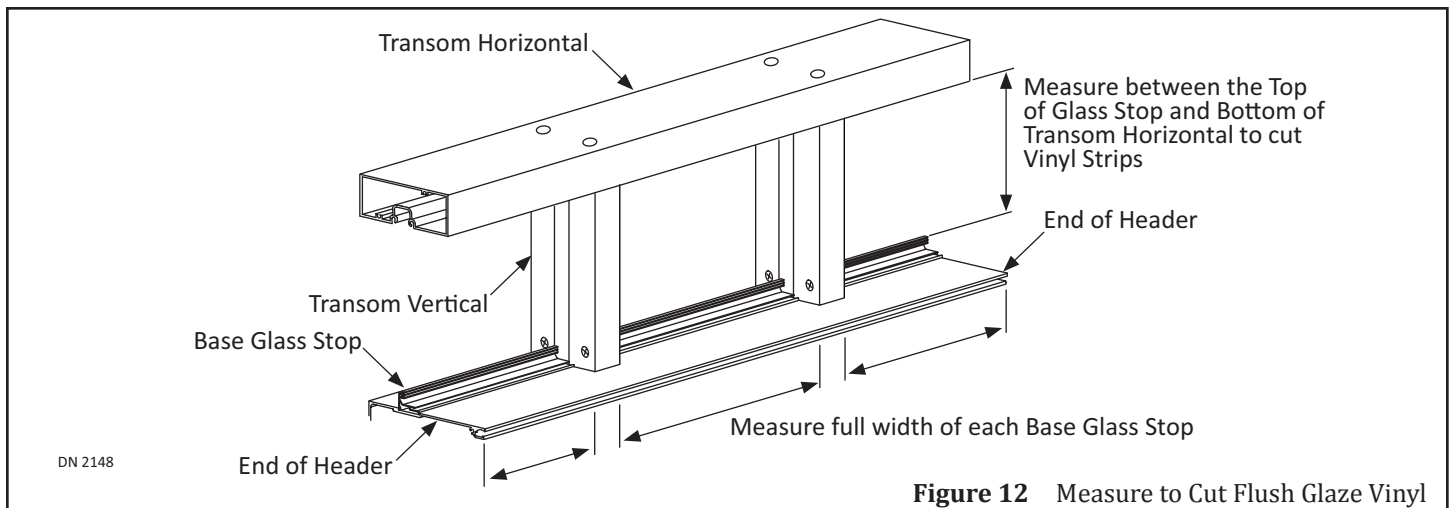
Figure 10 Install Glass Stops on Header

7.2.2 Transoms and Jamb Tubes

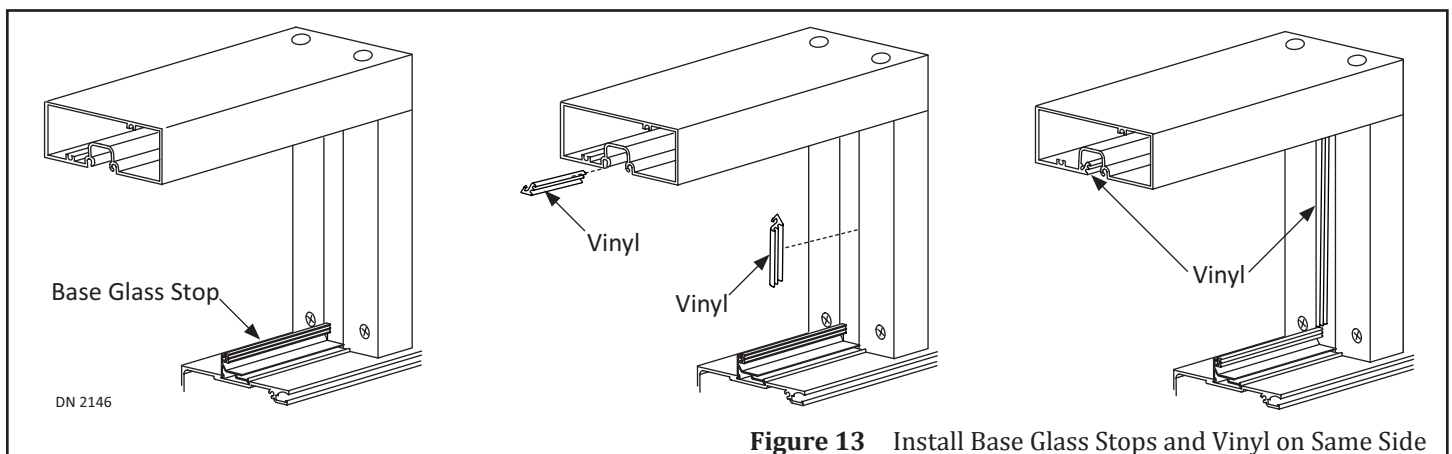
1. Go to the Transom Horizontal.
2. Horizontally snap-In the Pocketed/Transom, Base Glass Stops between the Transom Verticals.
3. Go to the Transom Vertical.
4. Vertically snap-in the Pocketed/Transom, Base Glass Stops between the Transom Horizontal and the Door/Header, Base Glass Stops. The Transom Verticals should be installed just above the Door/Header Glass Stops.



7.2.3 (1/4 inch) Glass Panel, Flush Glazing



1. Measure between the Bottom of the Transom Horizontal and the Top of Base Glass Stop. Cut strips of Vinyl to that length.
2. Measure the full width of each Base Glass Stop. Cut strips of Vinyl to that length.



3. On the same side as the Glass Stop, roll or press Vinyl Strips into each Transom Pocket.
 - a. Using a Roller, or keeping the vinyl wet with plain or soapy water, can make vinyl installation easier.
4. The other side of Vinyl Strips are installed after the Glass Panel has been put in place. Please see "SECTION 17.1: Complete the Transom Installation".

SECTION 7.3: Secure Header and Transom to Pocketed Jamb Tubes

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

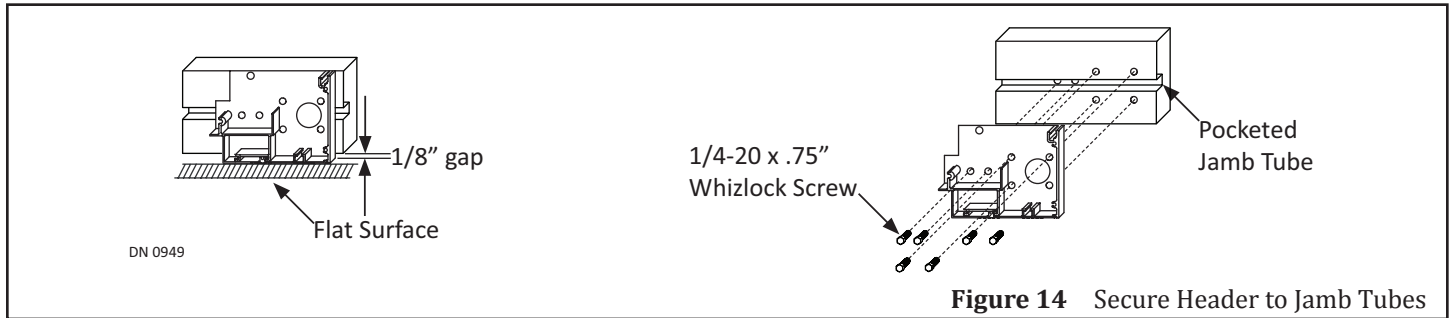


Figure 14 Secure Header to Jamb Tubes

1. Place the Header between the Pocket Jamb Tubes so the removable cover side is facing up. 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. If installed correctly there will be a 1/8 inch gap between the bottom of Jamb Tubes and the flat surface.

SECTION 7.4: Assemble Door Frame

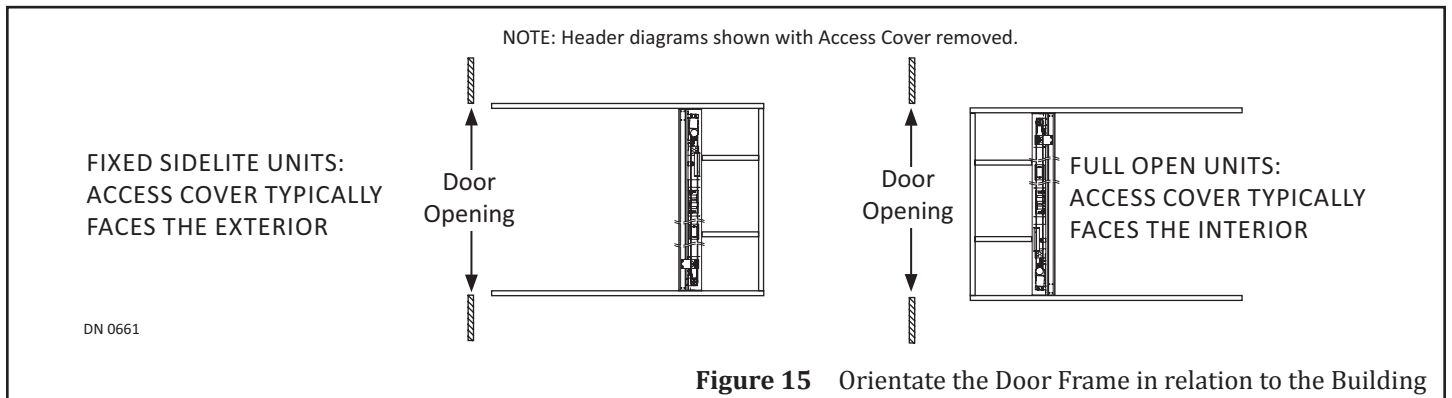


Figure 15 Orientate the Door Frame in relation to the Building

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. 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.

SECTION 7.5: Install the Tie Rods

Note: Tie Rods are provided for Transom Units as required by NABCO Engineering.

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.

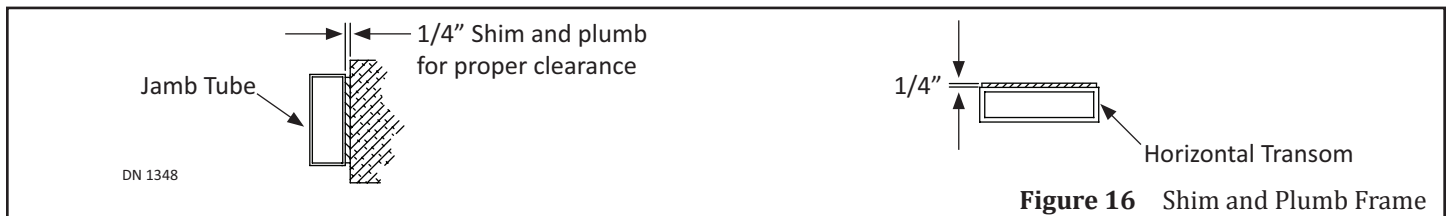
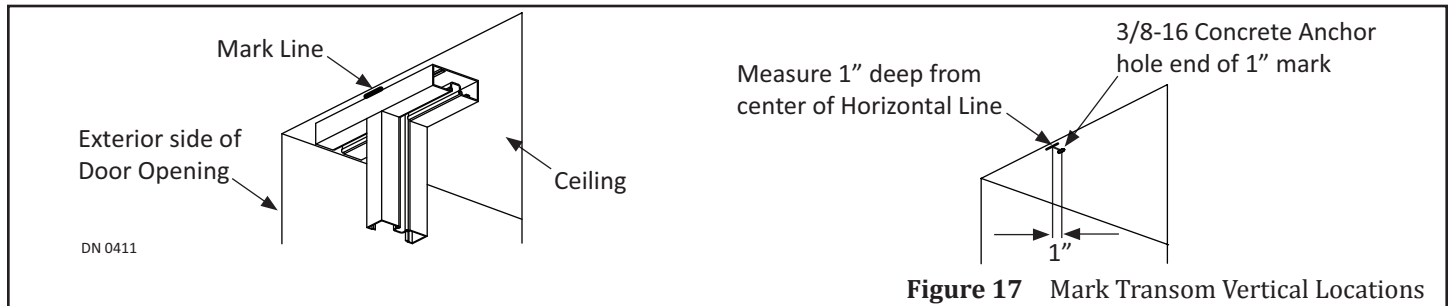
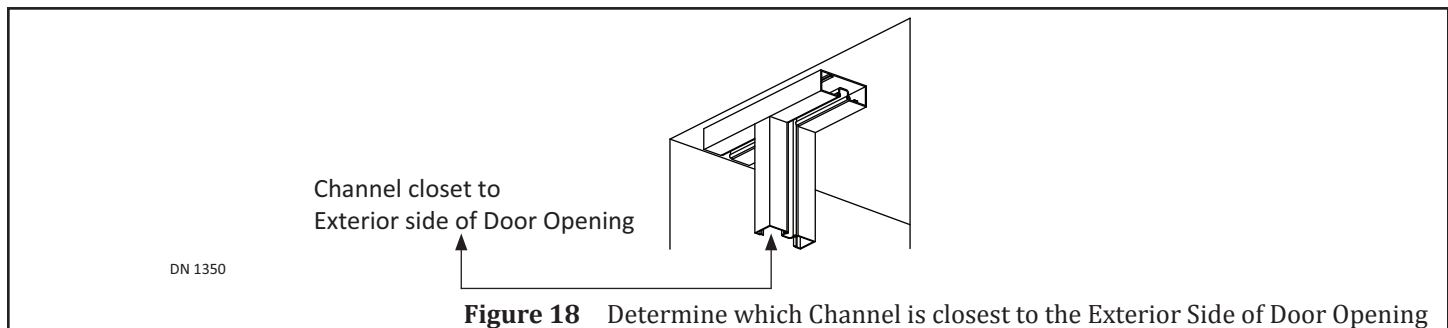


Figure 16 Shim and Plumb Frame

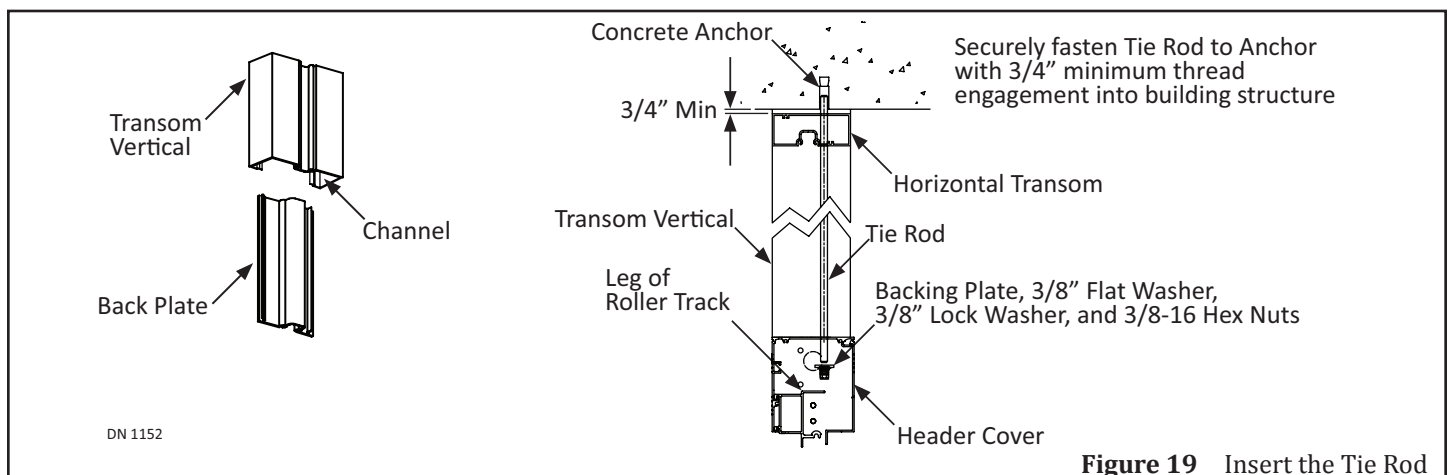
4. Go to the side of Header that is closest to the Exterior side of Door Opening,
5. Mark the exact location of each Transom Vertical by drawing a horizontal line (the full width of the Transom Vertical); along the outside edge of the Transom Horizontal; onto the ceiling of the Rough Opening.
 - a. Do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



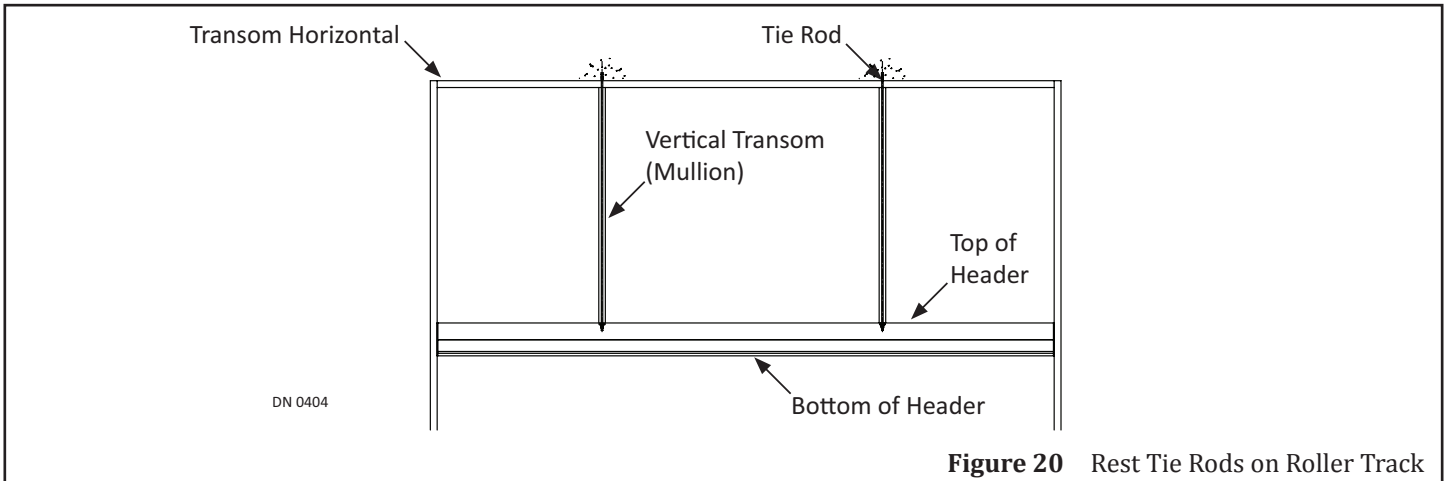
7. Carefully remove the Door Frame from the Rough Opening. Set aside.
8. At the end of each Vertical Line mark, drill (1) 3/8-16 Concrete Anchor hole into the ceiling of the Rough Opening.
9. Obtain all Tie Rods. (1) Tie Rod Parts box is shipped for each Transom Vertical.
10. Snap the Back Plate out 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. Go to the top of Header. Insert each Tie Rod down into the 1 inch, pre-drilled hole.
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.

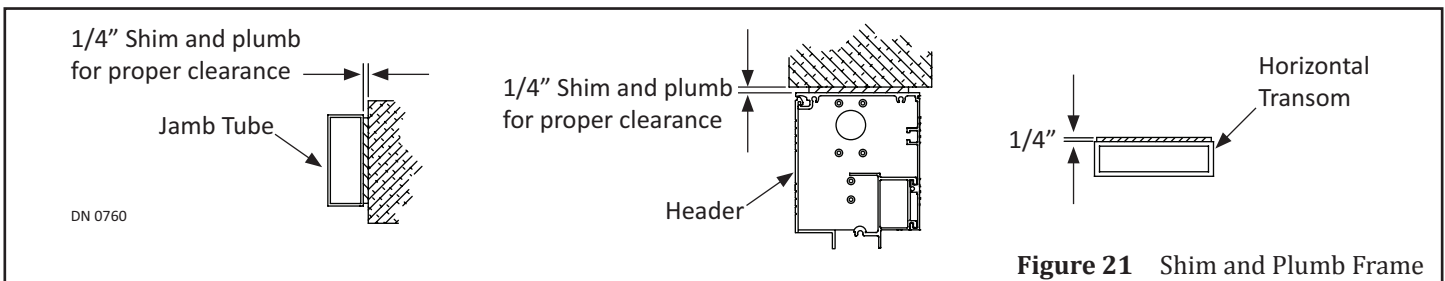


15. Allow each Tie Rod to rest on the Roller Track "Leg" within the Header.
 - a. The Tie Rod must remain inside the Transom Vertical until the Frame is fully secured into the Rough Opening.
 - b. Tie Rod Installation is completed after the Frame is installed.



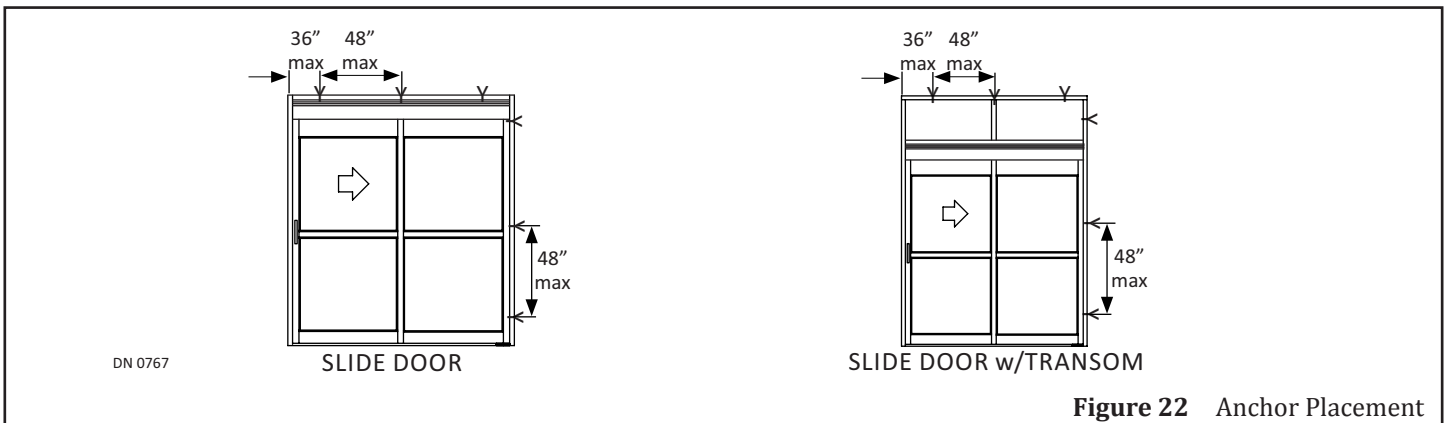
CHAPTER 8: SECURE DOOR FRAME TO BUILDING

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.
 - b. Please refer to "Model GT 1175 Electrical Installation Manual"; P/N C-00198 for detailed information.
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.



SECTION 8.1: 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).



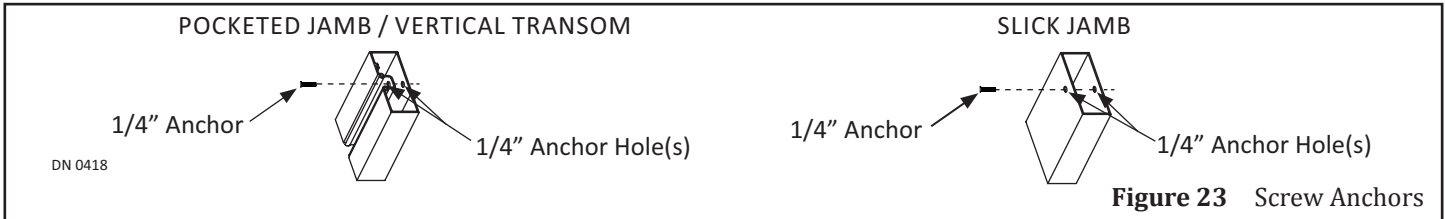
Note: It is recommended to countersink holes as required to flush the surface.

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.

8.1.1 Jamb Tubes

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



8.1.2 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.

8.1.3 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.

SECTION 8.2: 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.

CHAPTER 9: WIRE THE SWITCH ASSEMBLY (ROCKER SWITCH OR KEY SWITCH)

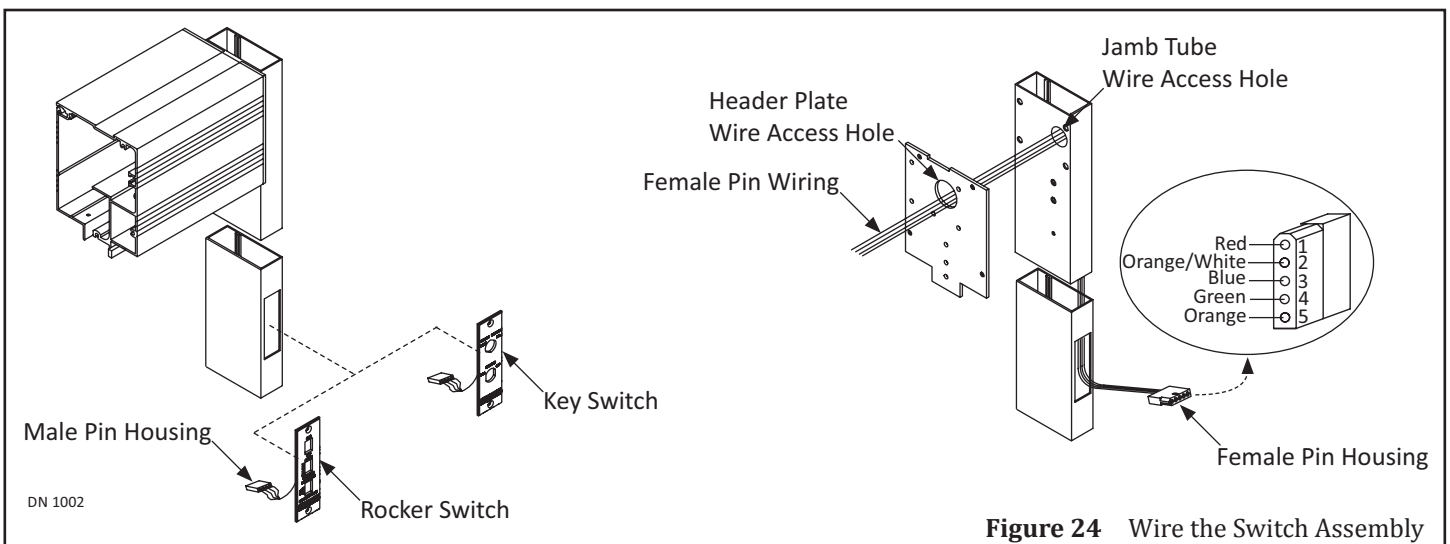


Figure 24 Wire the Switch Assembly

1. Go inside the Header. Locate the Pin wiring that is attached to the U30 Microprocessor Control, Main Harness.
2. Draw Pin wiring through a hole located at the side of Header and Jamb Tube. Continue to route wiring down the Jamb Tube.
3. Pull the Pin Wiring out, through the cut out.

4. Obtain (1) loose 5 Circuit Pin Housing from the Parts Box. Insert each Pin into the 5 Circuit Pin Housing accordingly:
 - a. 1 = Red, 2 = Orange/White, 3 = Blue, 4 = Green, 5 = Orange
5. Obtain (1) Switch Assembly and (2) 10-32 x 1/2 inch Phillips Head Screws from the Parts Box.
6. Connect the Switch Harness from the back of the Switch Assembly to the Main Harness. 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.

CHAPTER 10: INSTALL THE THRESHOLD

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.



Figure 25 Recessed vs Surface Track

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

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

SECTION 10.1: Install the Surface Threshold

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

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

FOR JAMB-TO-JAMB TUBE APPLICATIONS, SKIP TO STEP (3)

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

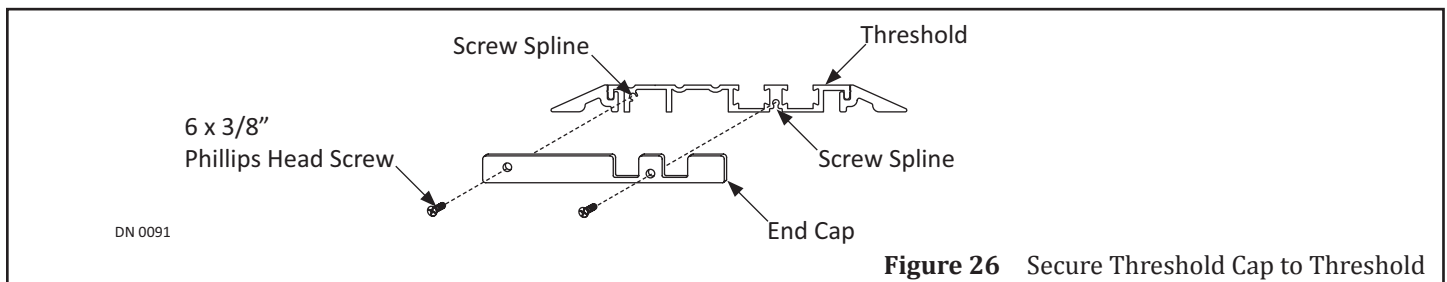


Figure 26 Secure Threshold Cap to Threshold

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

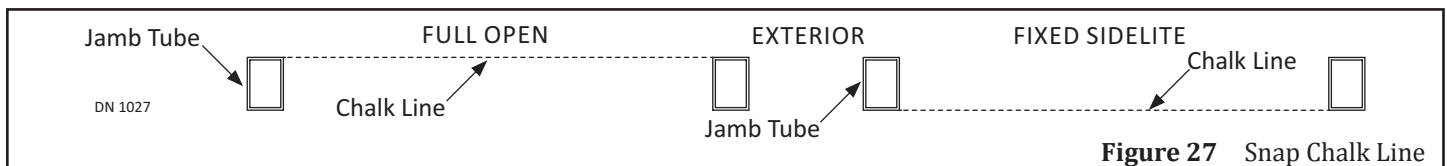
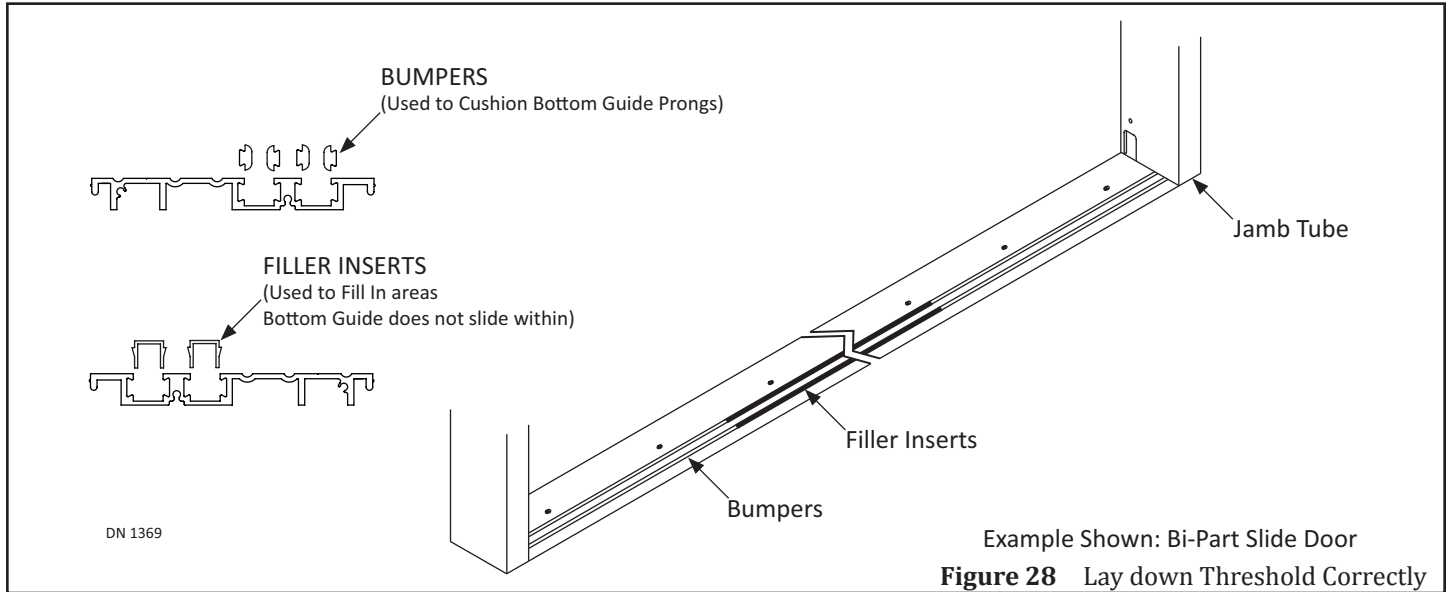
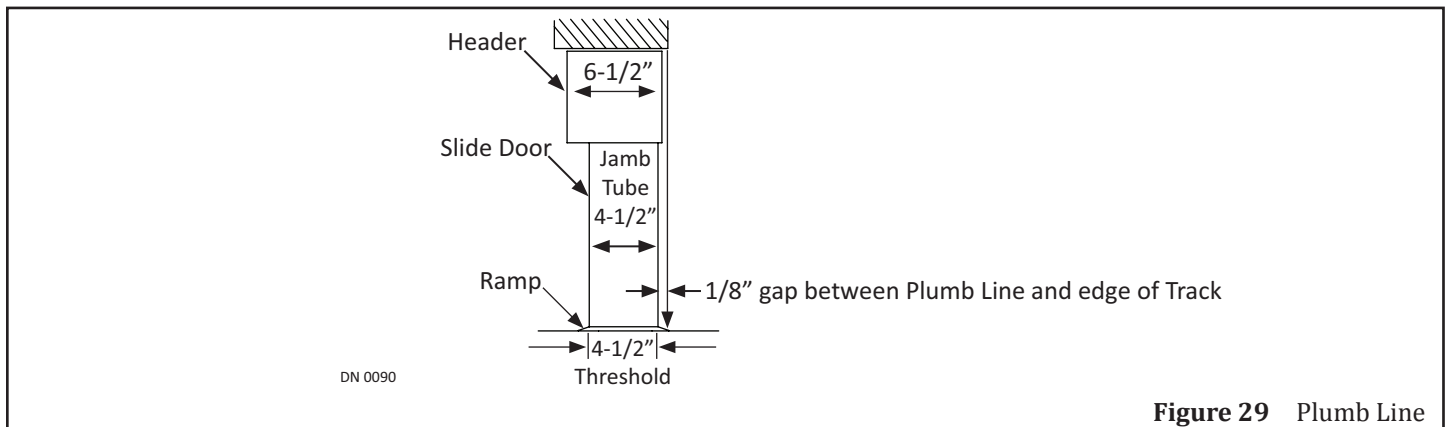


Figure 27 Snap Chalk Line

4. Lay down the Threshold so the Bumper Channels are on same side of Slide Doors.
5. Ensure the Threshold is centered to Jamb Tubes, and full length is flush with the chalk line.



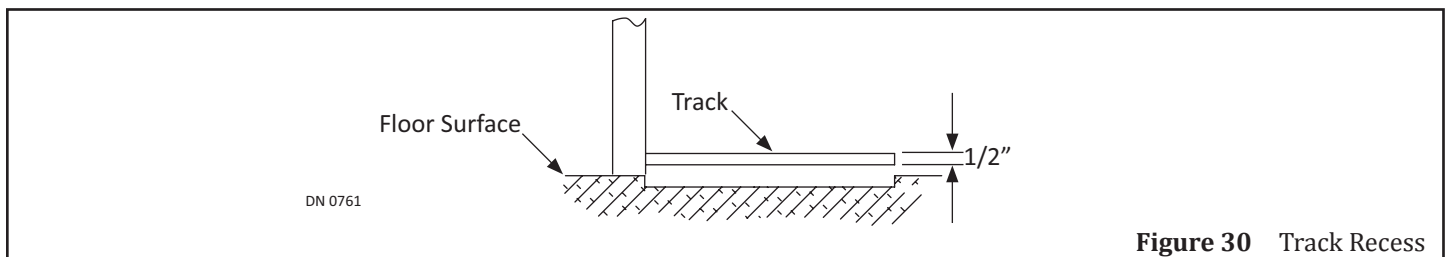
6. Go to the Header on the Sidelite Side of Door Frame.
7. Plumb the Floor Track by hanging the Plumb Bob from the Header (Sidelite Side). There should be a 1/8 inch overhang.



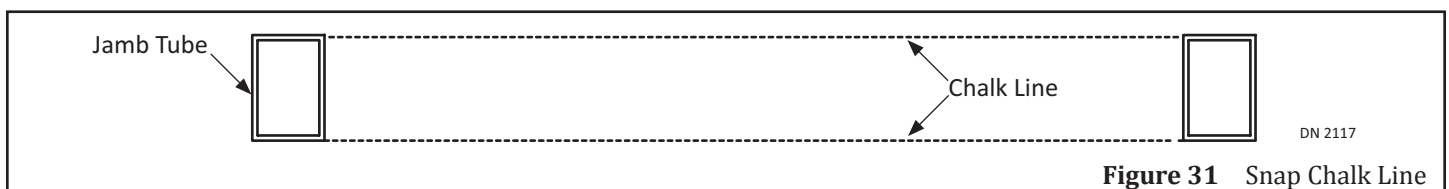
8. Do not permanently install the Surface Threshold until the Slide Doors are completely installed.

SECTION 10.2: Install the Recessed Threshold

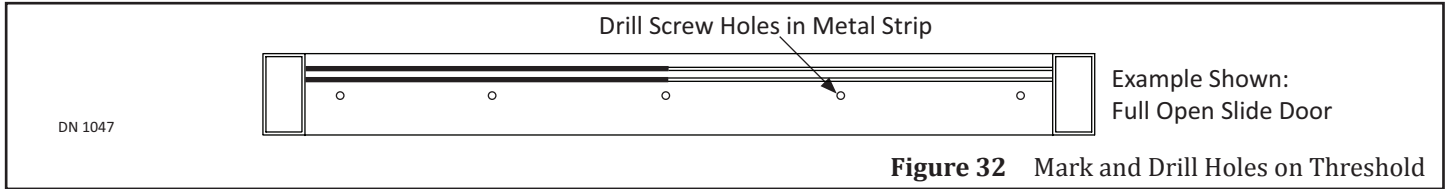
Attention: Unit must be designed for Recessed Threshold.



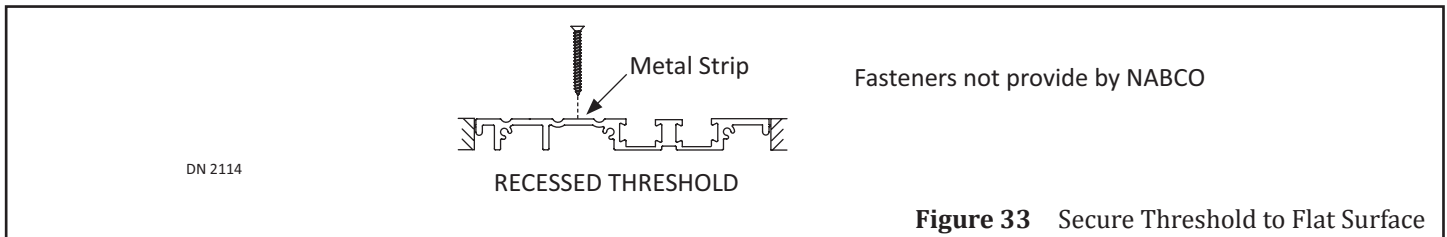
1. On both the Exterior and the Interior side of Door Frame, snap a chalk line on the floor from Jamb to Jamb.



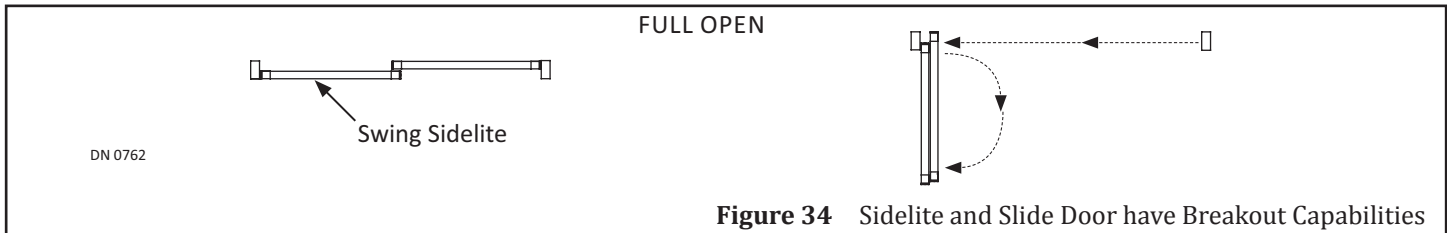
2. Create a channel that is the full width of Jamb Tubes, and 1/2 inch deep.
3. Lay down the Threshold so the Bumper Channels are on same side of Slide Doors.
4. Center the Threshold inside the channel so the full length is flush with the chalk line.
5. Ensure the channel is plumb, square, and 1/2 inch deep throughout. Failure to do so may cause the Slide door to malfunction.
6. Go to each end of Threshold. Mark (1) drill hole approximately 4" from each edge. Continue to mark remaining drill holes to be evenly spaced.



7. With a 1/4 inch masonry drill bit, drill through the Threshold and into the floor no less than 1-1/2 inch deep.
8. Do not permanently install the Surface Threshold until the Slide Doors are completely installed.

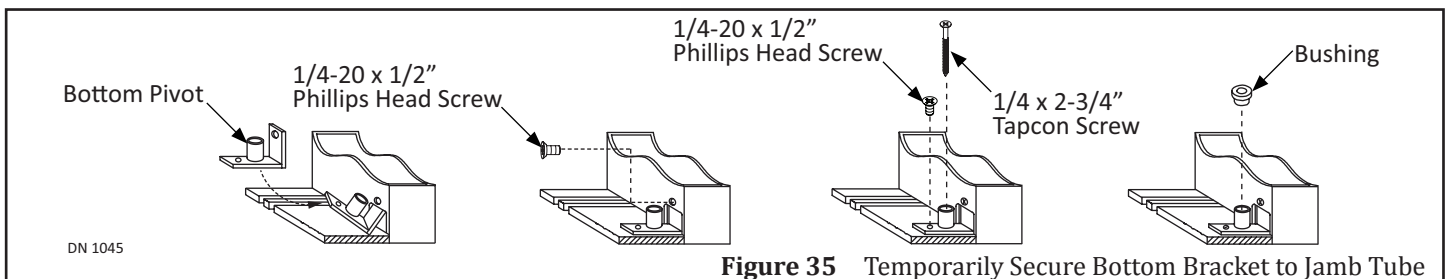


CHAPTER 11: INSTALL THE FULL OPEN SIDELITE



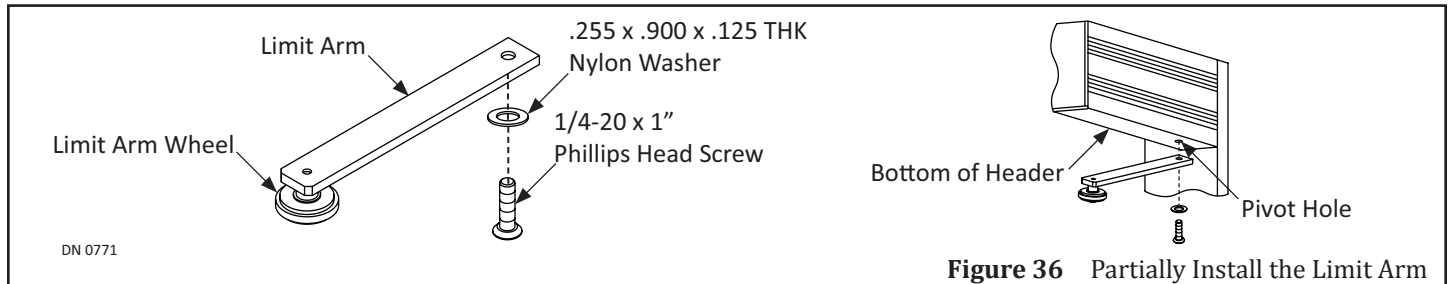
SECTION 11.1: Install the Bottom Pivot

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



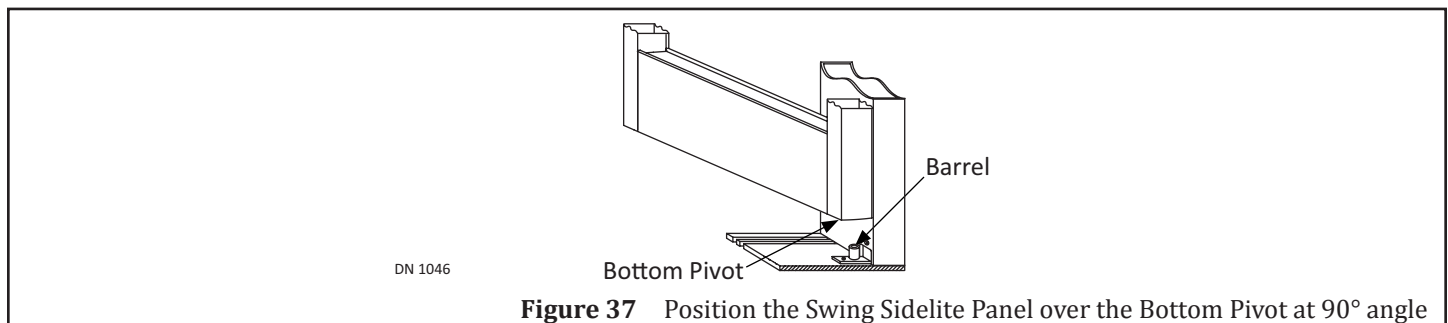
SECTION 11.2: Partially Install the Limit Arm

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.

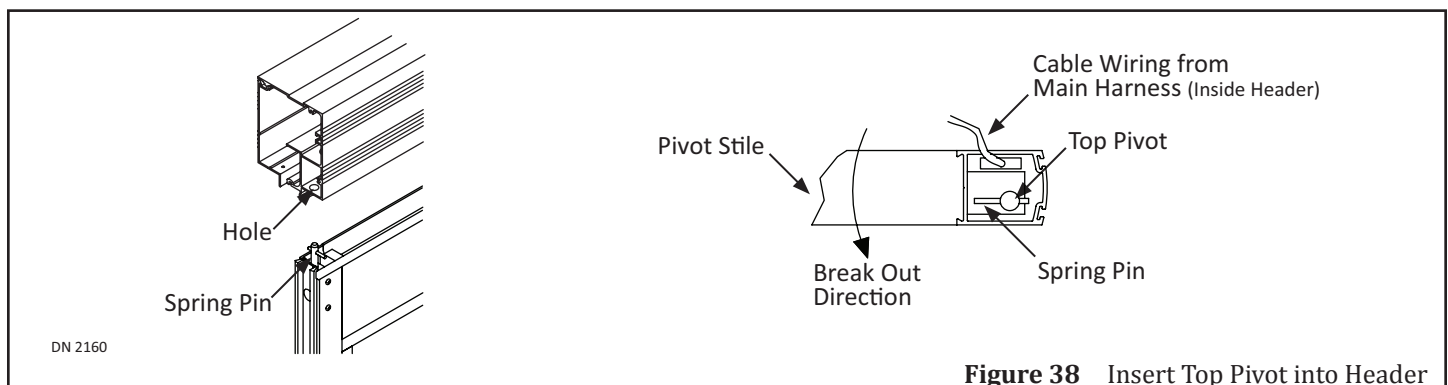


SECTION 11.3: Install the Full Open Sidelite onto the Upper Pivot and Bottom Pivot

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



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.



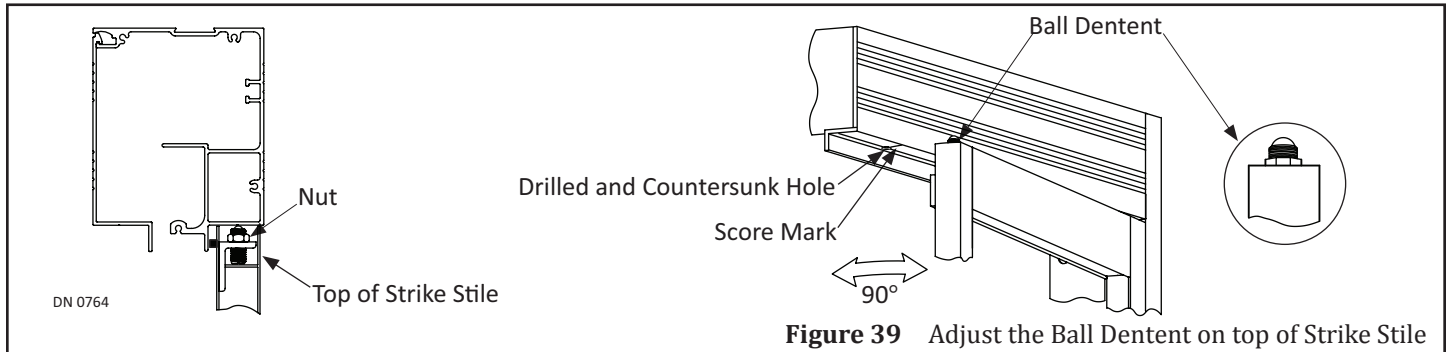
SECTION 11.4: Complete Installation of the Limit Arm

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.

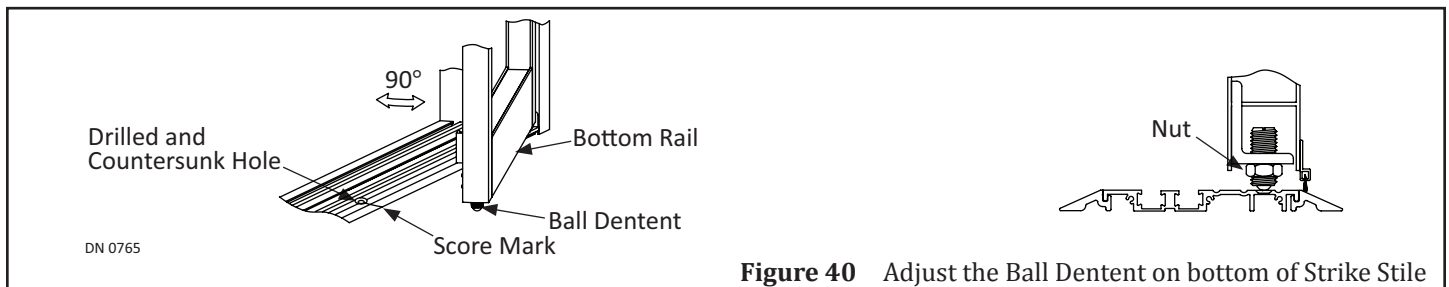
SECTION 11.5: Adjust the Ball Detents

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

1. Go to the top of 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°.

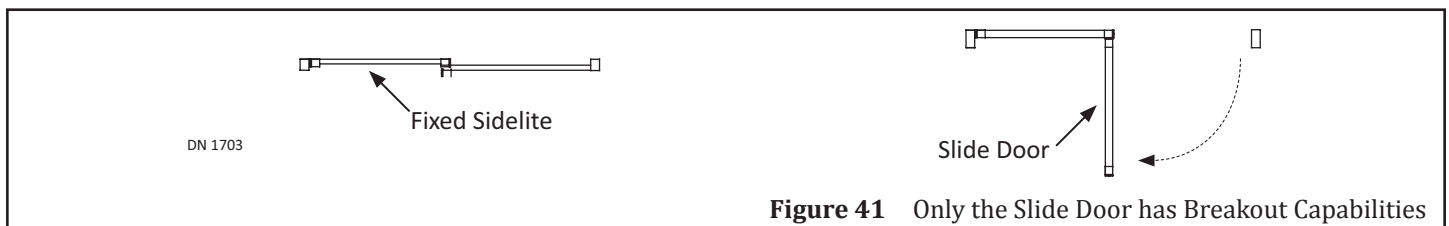


4. Go to the bottom of the Strike Stile. With a 15/16" Open End wrench, loosen the Nut to raise or lower the Ball Detent so it has light contact with the Threshold.
5. Open and close the Swing Door several times to score the surface on the Threshold. Locate and mark where the Score intersects the center groove.
6. With a 1/4 inch diameter drill bit, drill a hole through the Threshold (Just deep enough for the Ball 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.

CHAPTER 12: INSTALL THE FIXED SIDELITE



SECTION 12.1: 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 (preinstalled 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.

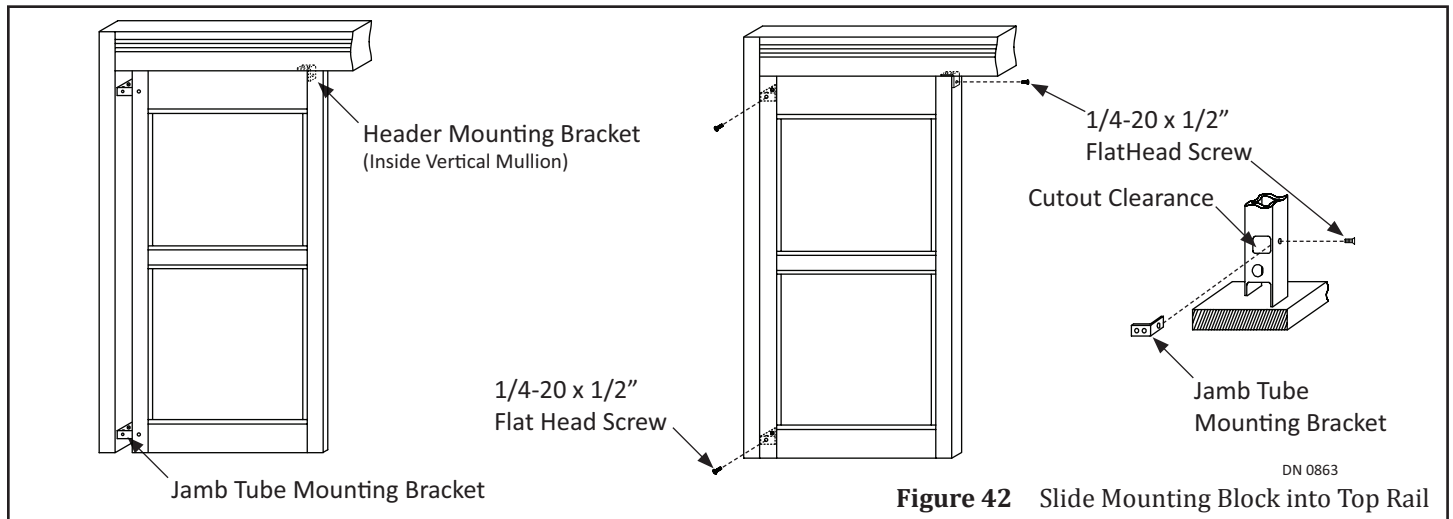


Figure 42 Slide Mounting Block into Top Rail

3. 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.

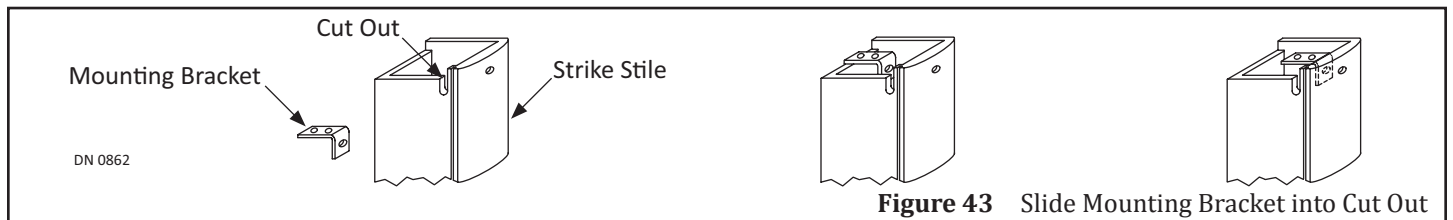


Figure 43 Slide Mounting Bracket into Cut Out

4. Snap a chalk line between Jamb Tubes in front of Sidelite Panel. If the Sidelite Panel is flush to the 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.

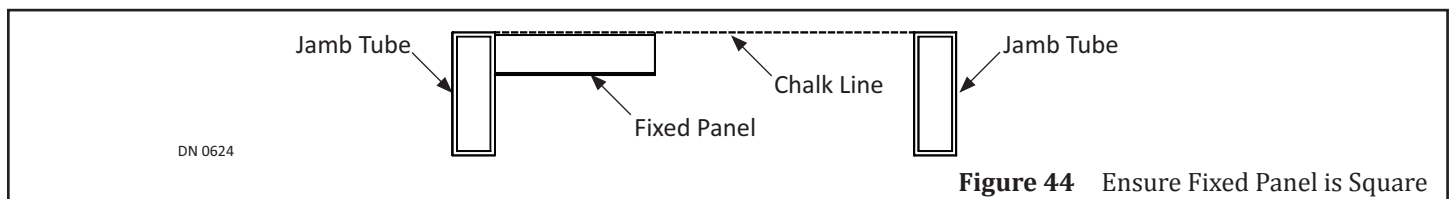


Figure 44 Ensure Fixed Panel is Square

SECTION 12.2: Install the Bottom Guide Assembly

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

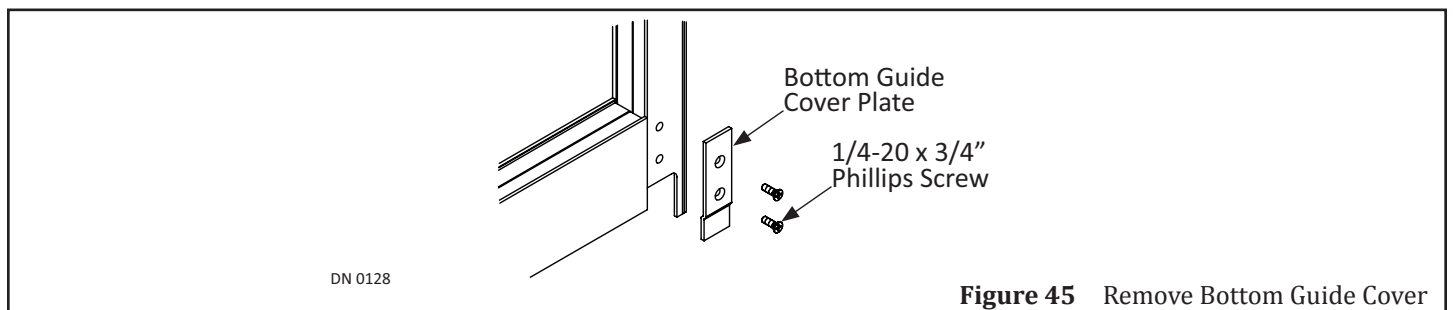
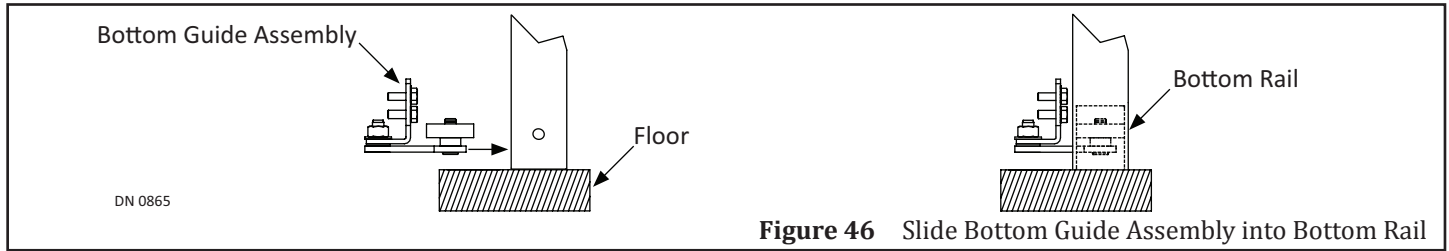


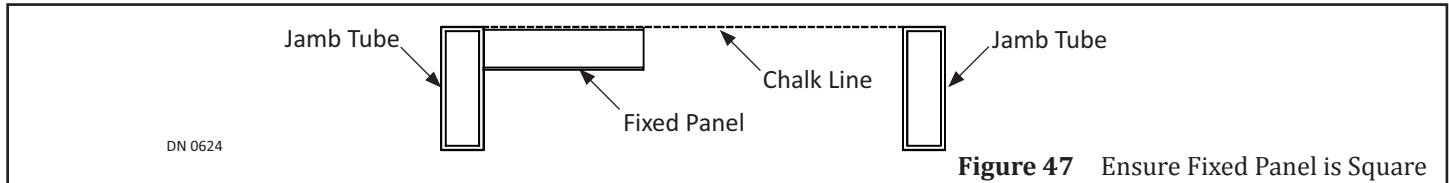
Figure 45 Remove Bottom Guide Cover

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.

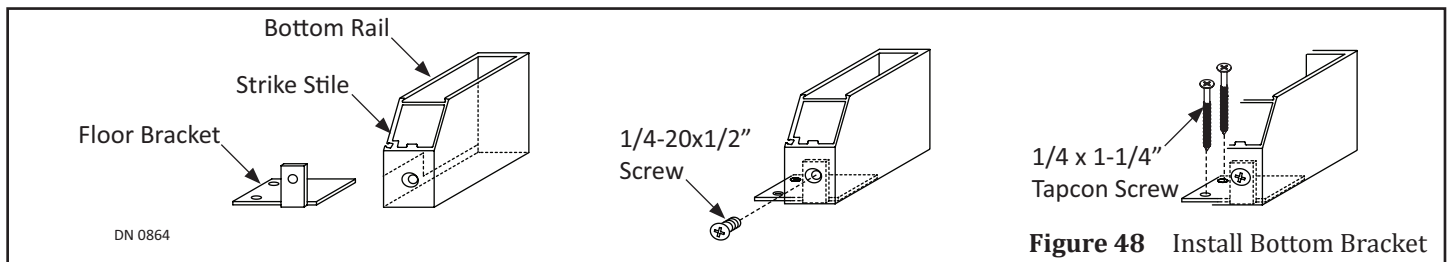


SECTION 12.3: Install the Floor Bracket

1. Snap a chalk line between Jamb Tubes in front of Sidelite Panel.



2. 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).
3. Close the Slide Door. Adjust the Fixed Panel for weathering gap. Adjust the Slide Door for rocking.
4. 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.
5. Use the Floor Bracket as a template to drill (2) screw holes for #14 x 1-1/4 inch Flathead Tapcon screws.
6. Secure the Floor Bracket to the floor with (2) #14 x 1-1/4 inch Flathead Tapcon screws. Replace the Cover Plate.

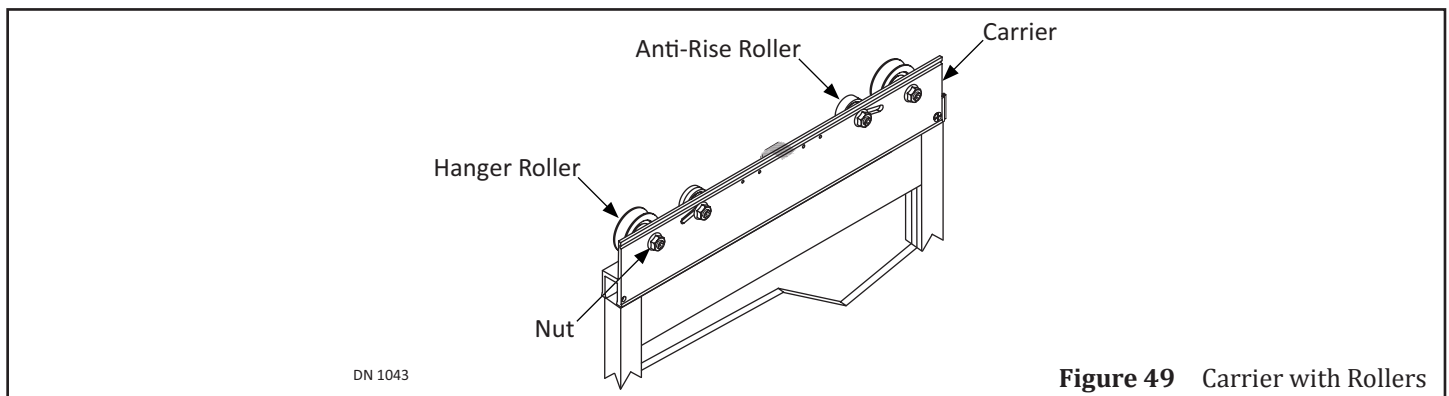


CHAPTER 13: INSTALL THE SLIDE DOOR

SECTION 13.1: 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.



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

- 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.

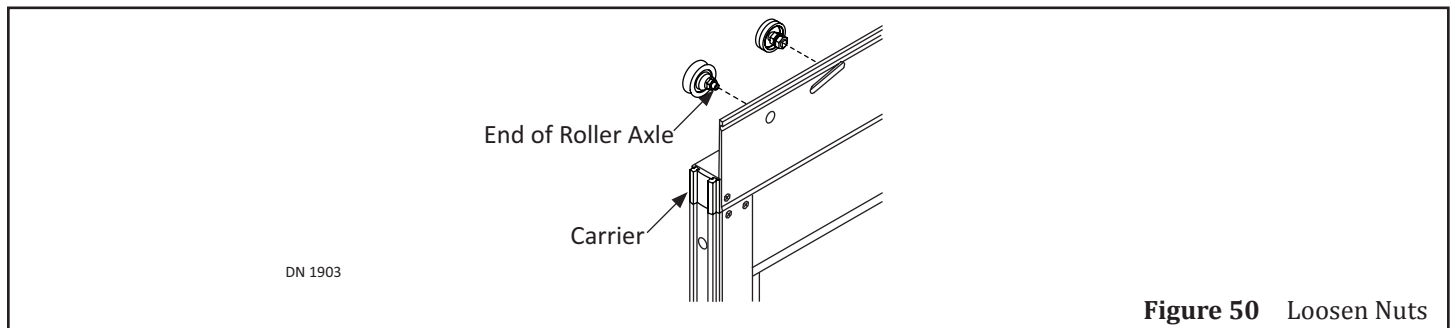


Figure 50 Loosen Nuts

- 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.

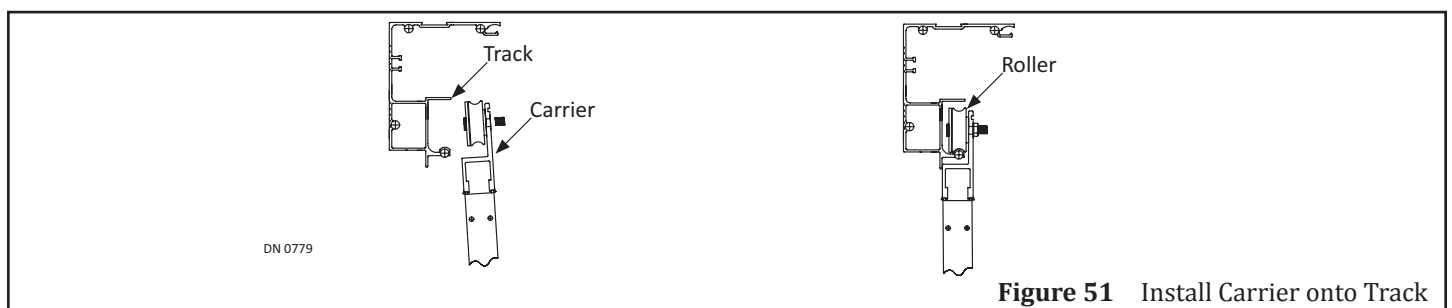


Figure 51 Install Carrier onto Track

SECTION 13.2: Install Bottom Guides

13.2.1 Insert Bottom Guide into the Threshold (Full Open Sidelite)

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

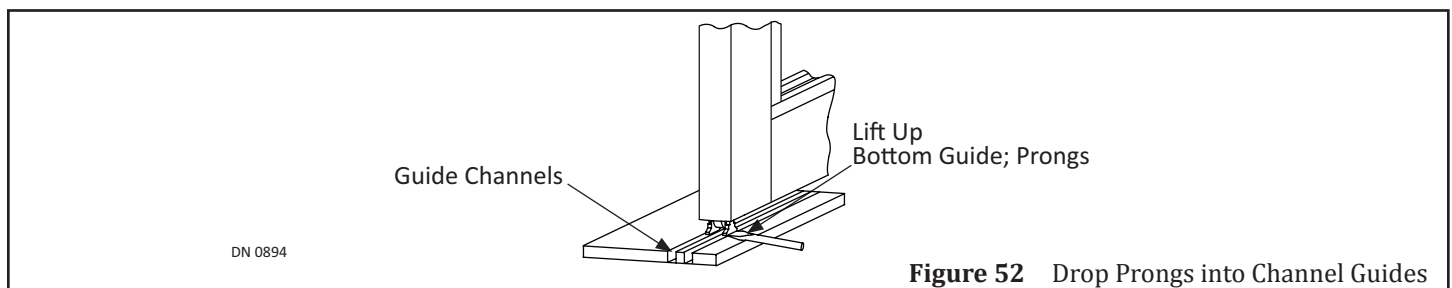


Figure 52 Drop Prongs into Channel Guides

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

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

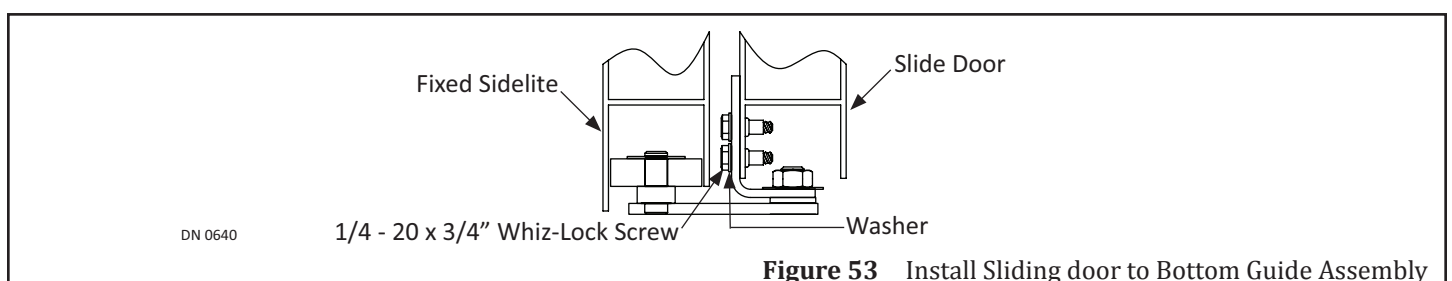


Figure 53 Install Sliding door to Bottom Guide Assembly

SECTION 13.3: Adjust Rollers

13.3.1 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.
2. Ensure the Leading Edge of the Slide door and Header are parallel.

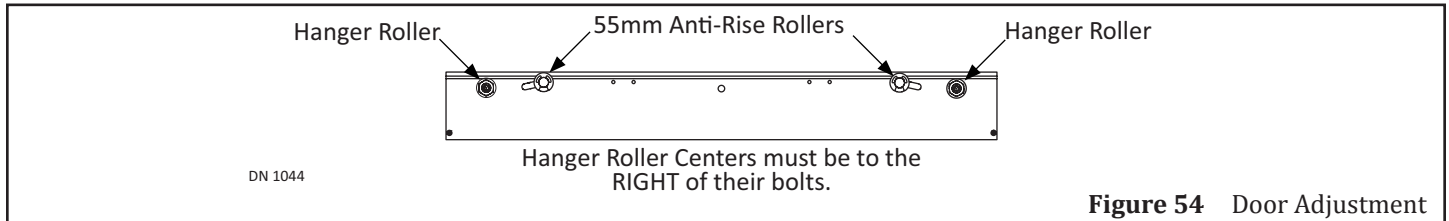


Figure 54 Door Adjustment

13.3.2 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.

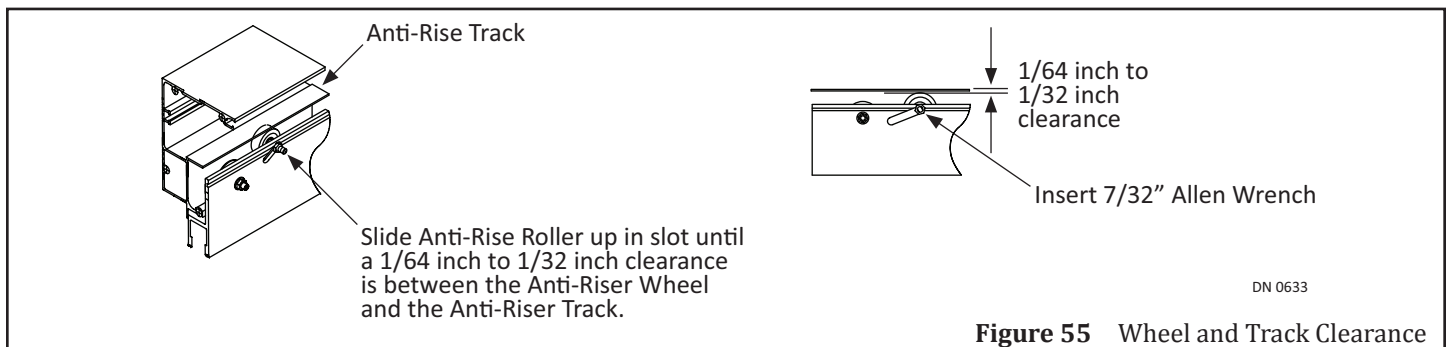


Figure 55 Wheel and Track Clearance

13.3.3 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.

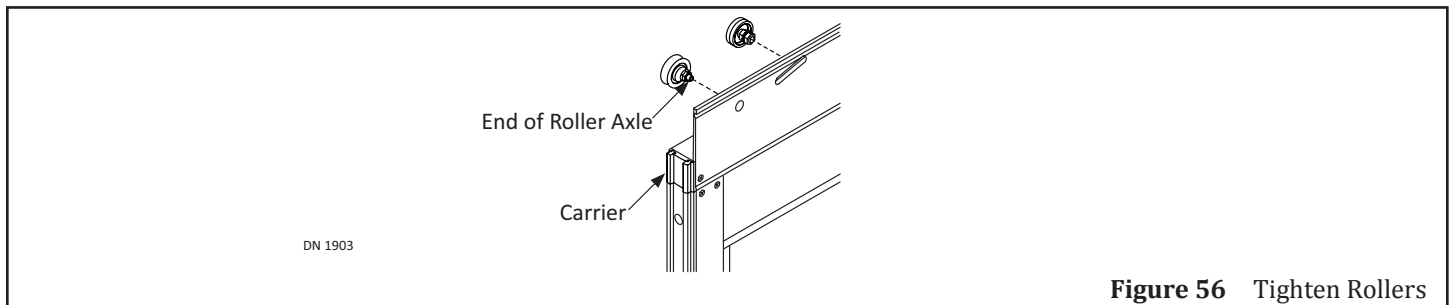


Figure 56 Tighten Rollers

SECTION 13.4: Adjust the Interlocks

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

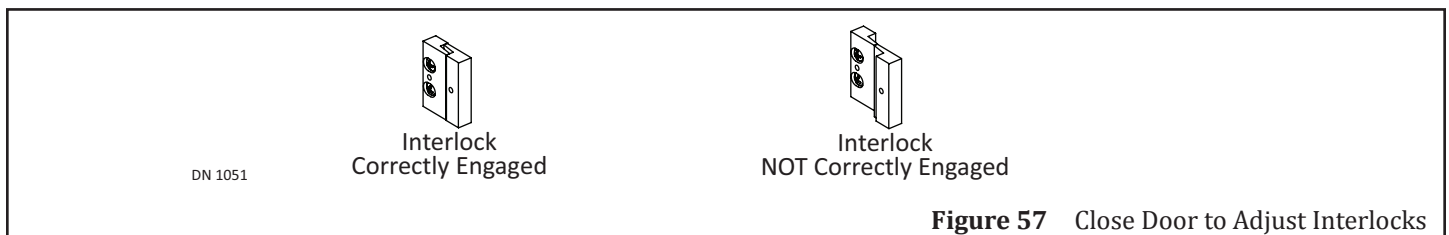
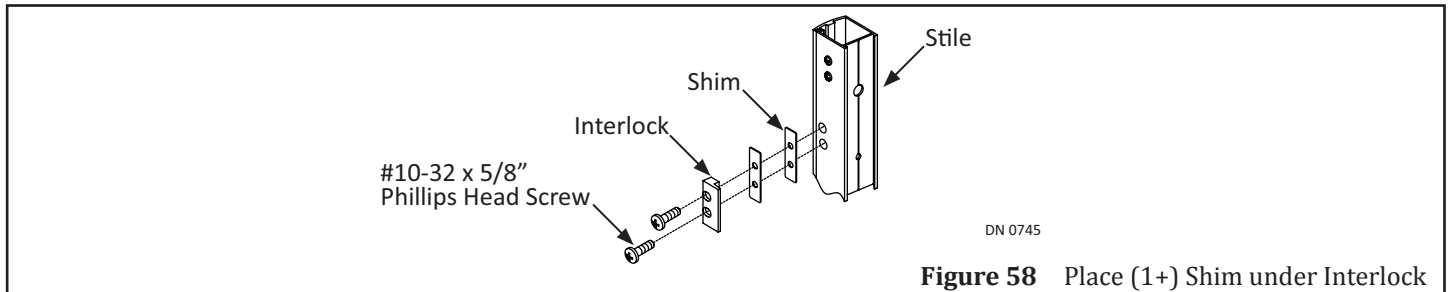


Figure 57 Close Door to Adjust Interlocks

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

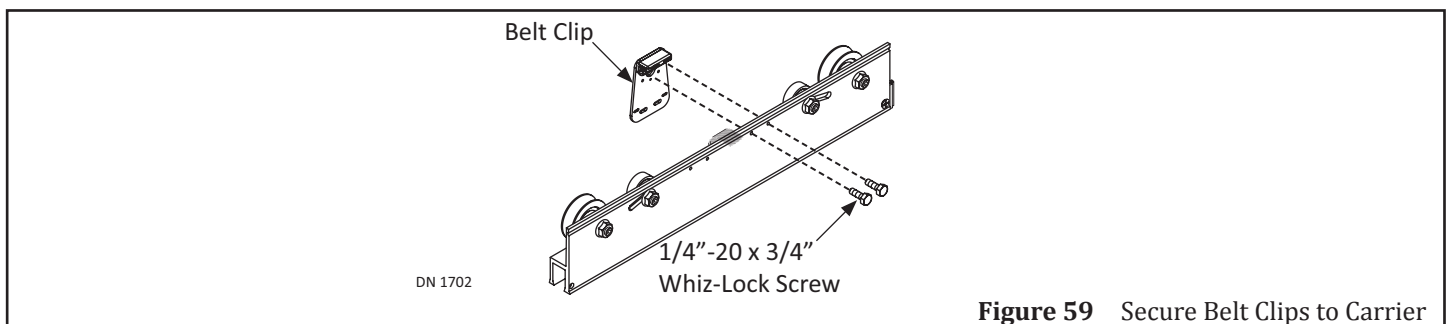
2. Obtain (1) parts bag containing (4) Shims that was taped to the Slide Door at the NABCO factory.
3. Remove the Interlock on the Sidelite, Strike Stile.
4. Place (1+) shims directly underneath the Interlock. Line up the screw holes.
5. Secure the Interlock assembly to the Sidelite Strike Stile with (2) #10-32 x 5/8 inch Phillips Head Screws. 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. Tighten (2) #10-32 x 5/8 inch Phillips Head Screws to secure each Interlock to each Stile.

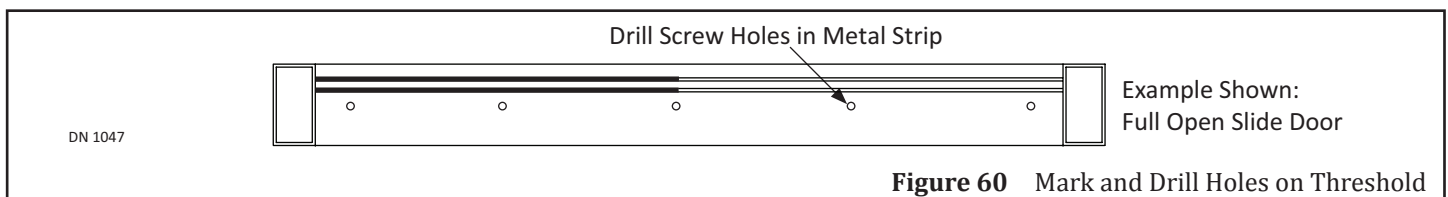
SECTION 13.5:

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

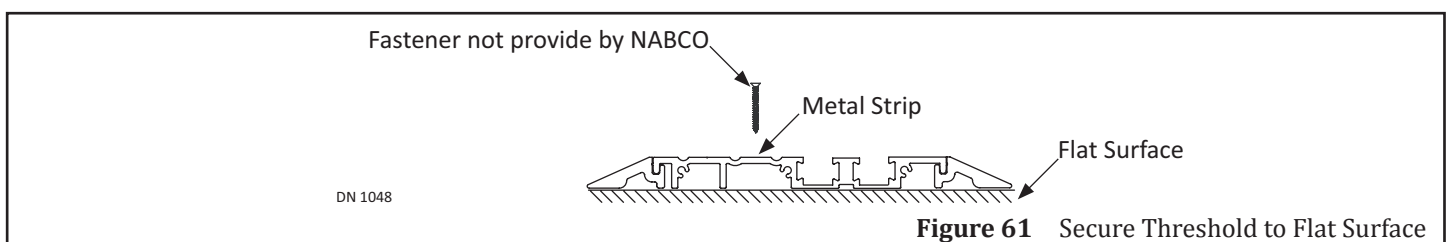


CHAPTER 14: PERMANENTLY INSTALL THE THRESHOLD

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.



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.



SECTION 14.1: 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 15: 110 VAC GENERAL WIRING

DANGER

Read and understand the “U30 Controller Setup and Programming Manual” P/N 15-9000; and the “Electrical Installation Manual U30 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.

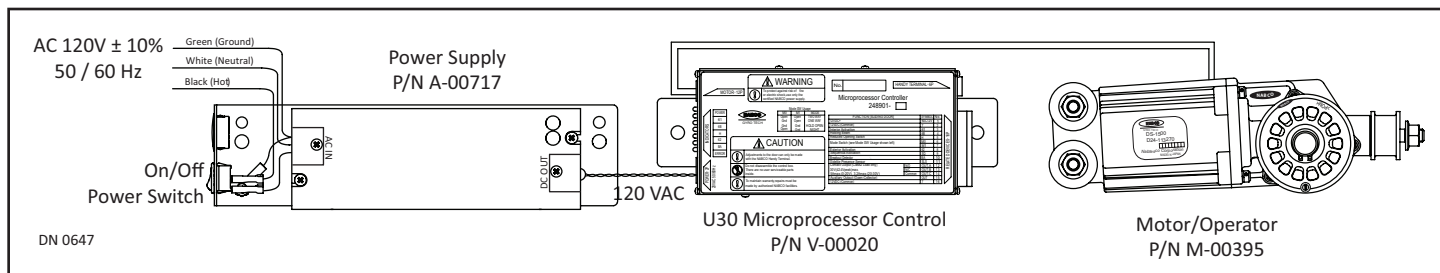
Notice: Wiring must meet all local, state, federal or other governing agency codes.

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 U30 Microprocessor Controller and Motor/Operator.



4. Go to the TB1 Port located on the Left side of the Power Supply Module.
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 16: INSTALL WEATHERING

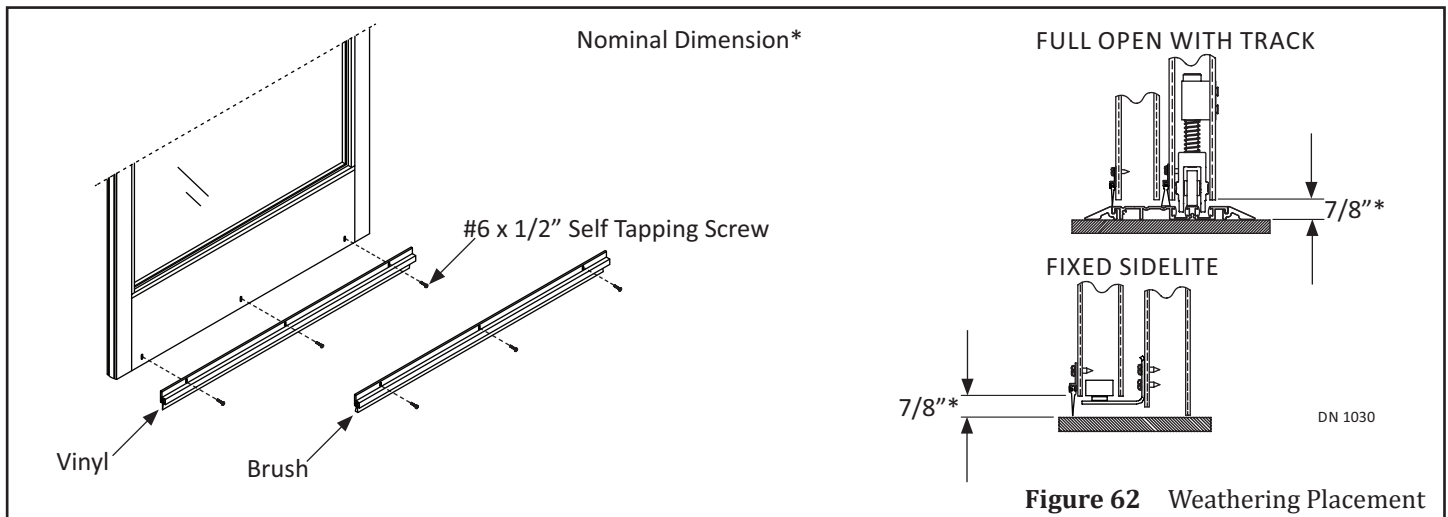


Figure 62 Weathering Placement

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 tap screws.
 - ▶ Full Open
 1. Secure the Brush Holder against the Bottom Rail of Swing Sidelite with (3) #6 x 1/2 inch self tap 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.

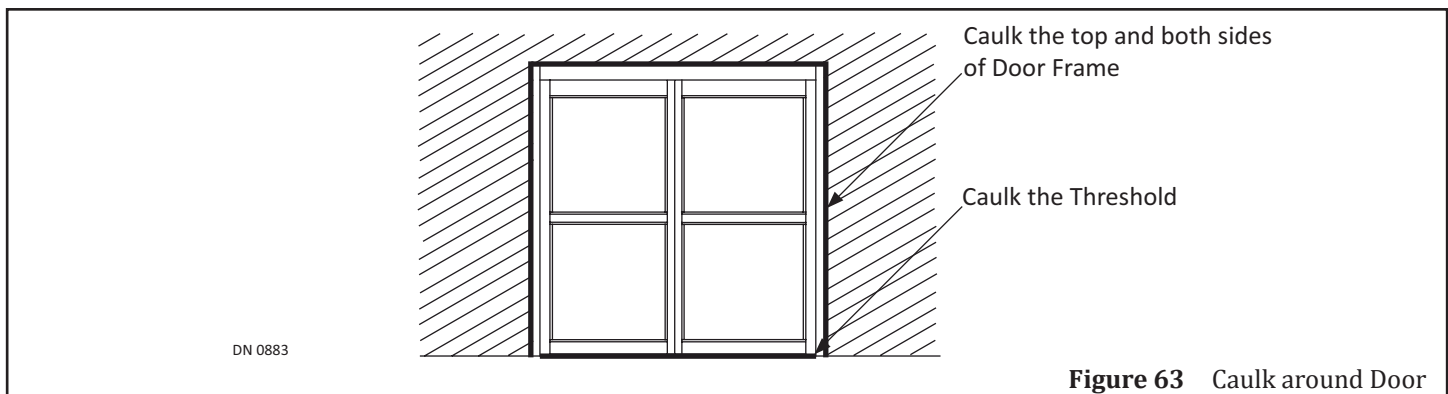


Figure 63 Caulk around Door

CHAPTER 17: GLAZING

CAUTION

Use caution when moving and installing the glass panels. These panels are constructed with tempered glass. Any sharp objects that come in contact with the glass may cause the glass to 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).

Note: 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.

SECTION 17.1: Door Panel

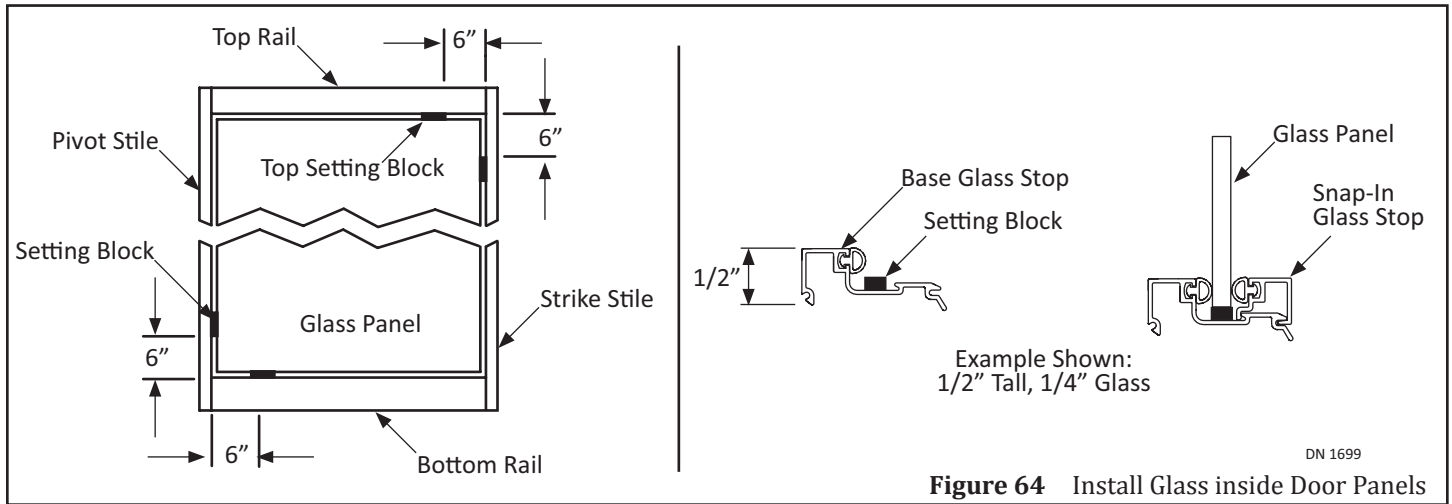
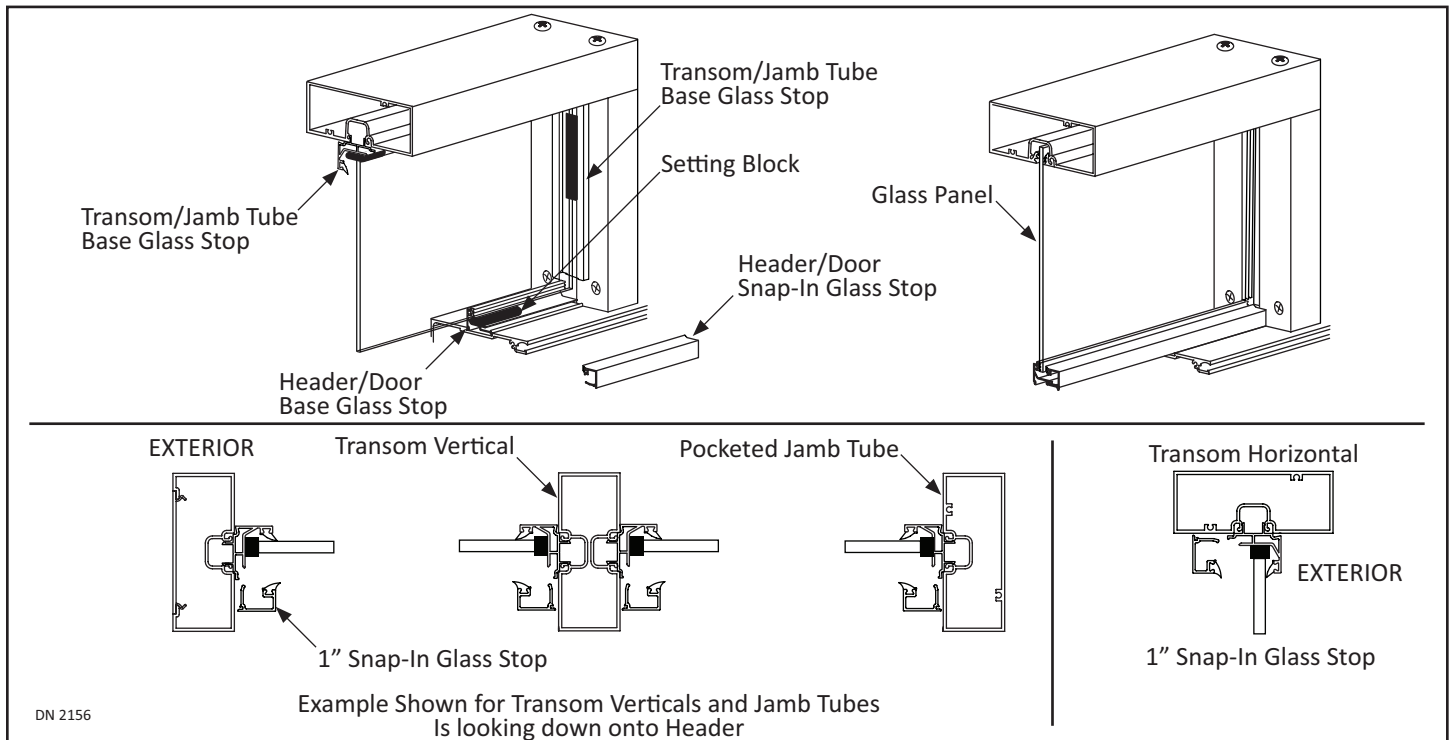


Figure 64 Install Glass inside Door Panels

Note: Place Setting Blocks in the designated marked spots, only.

1. Ensure the Base Glass Stop (Preinstalled 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 up against the Vinyl and sits on top of the Setting Blocks.
6. Shift the Glass Panel until it is square.
7. Secure the Glass Panel with Snap-In Glass Stops (Provided by Nabco).

SECTION 17.2: Complete the Transom Installation



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

SECTION 17.3: Complete the 1/4" Glass Stop Flush Glazing

1. Place the Glass Panel so it butts up against the Vinyl.
2. Carefully move the Glass Panel UP into the pocket of the Transom Horizontal.
3. Shift the Glass Panel in and out of the pockets until it is square.
 - a. Pockets within the Transoms are deep enough to allow the Glass Panel to be shifted for proper alignment.
4. Place Setting Blocks onto the Base Glass Stops near Jamb Tubes for proper weight distribution.
5. Secure the Glass Panel with Snap-In Glass Stops (Provided by Nabco).
6. Roll or press the remaining Vinyl within the Transom Horizontal and Transom Verticals.
 - b. Using a Roller, or keeping the vinyl wet with plain or soapy water, can make vinyl installation easier.

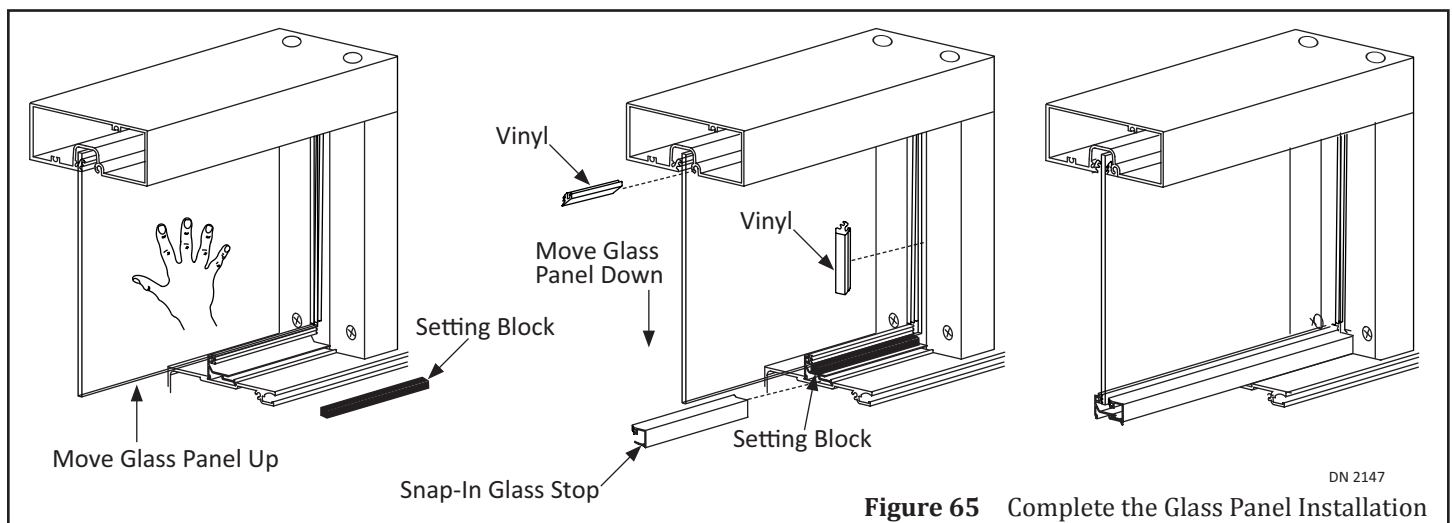


Figure 65 Complete the Glass Panel Installation

SECTION 17.4: Dust Protector Hoods (Clean Room Optional)

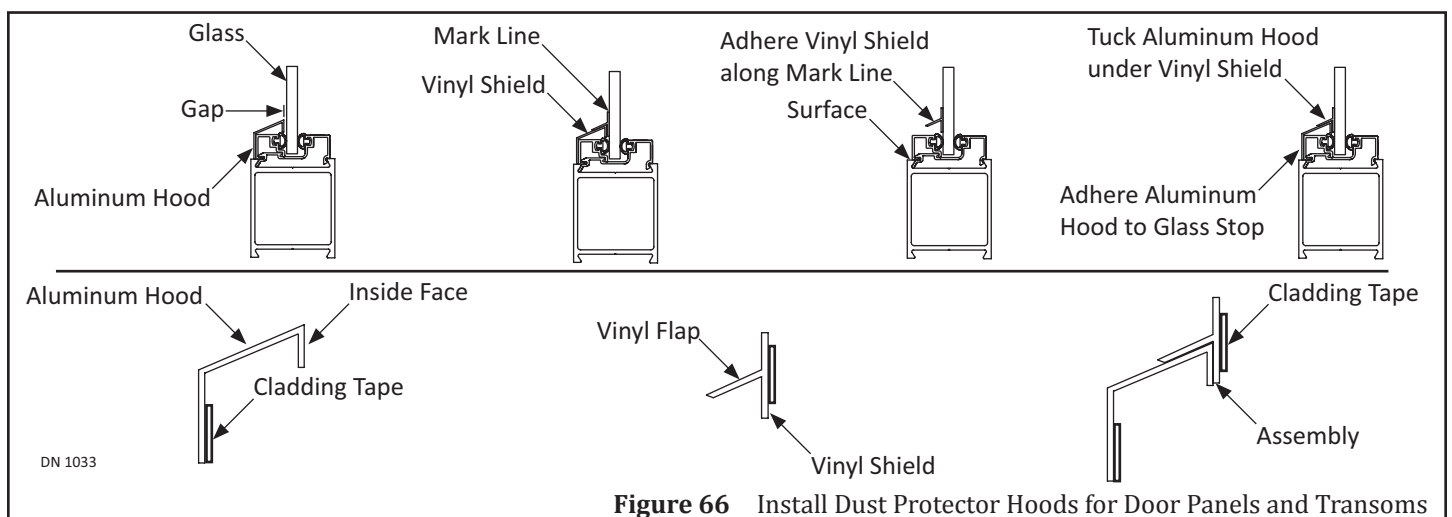


Figure 66 Install Dust Protector Hoods for Door Panels and Transoms

SECTION 17.5: Aluminum Hood

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.

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

1. Install the Glass Stops. 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.
2. 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.
3. 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. Ensure the bottom edge of the Aluminum Hood is still resting on the surface for proper alignment.
4. Remove the assembly and the protective paper to expose the Cladding Tape from the Vinyl Shield.
5. Align the Vinyl Strip to the temporary Mark and adhere to the Glass Panel.
6. 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.

SECTION 17.6: Stainless Steel Hood (Header)

1. Install the Glass Stops. Go to the (Removable Cover) side of Header.
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. Ensure proper length and fit is correct.
3. Remove all protective paper to expose the Cladding tape. Adhere the Stainless Steel Hood to the Header.

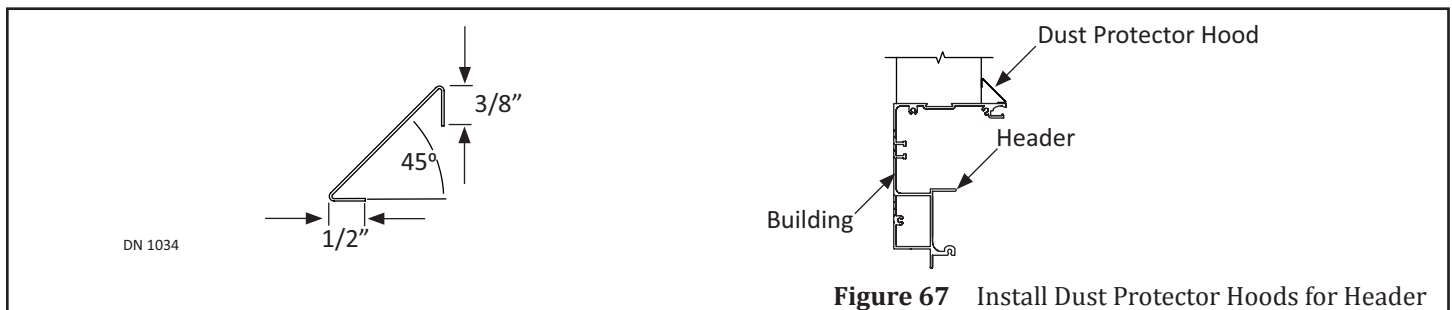


Figure 67 Install Dust Protector Hoods for Header

SECTION 17.7: Correct Sagging of Door Panel

If the Door Panel is not square and sags at the lead edge, increase the thickness of a Setting Block (not provided by NABCO) to raise the Door Panel.

CHAPTER 18: ADJUSTMENTS

SECTION 18.1: Balance Weight of Door Panel with Nose Caster

The installation of Nose Casters depend upon the weight and size of the door panel. Please call customer service for details.

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.

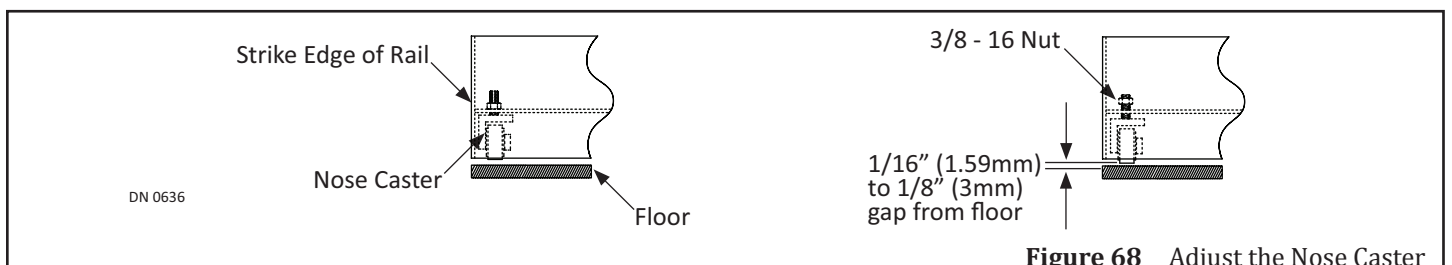


Figure 68 Adjust the Nose Caster

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 18.2: 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.

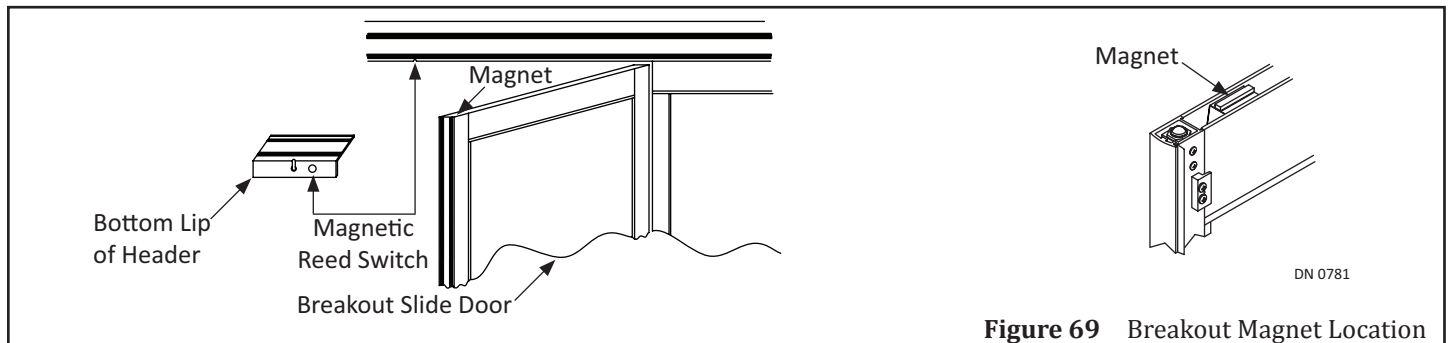


Figure 69 Breakout Magnet Location

SECTION 18.3: Adjust Preload

Attention: Glass must be installed before adjusting Preload.

1. Breakout the Slide door approximately 5 degrees (just enough to expose the Preload Adjustment Screw located on back edge of door).
2. Check for door sag. The Slide door should latch without having to be manually lifted.

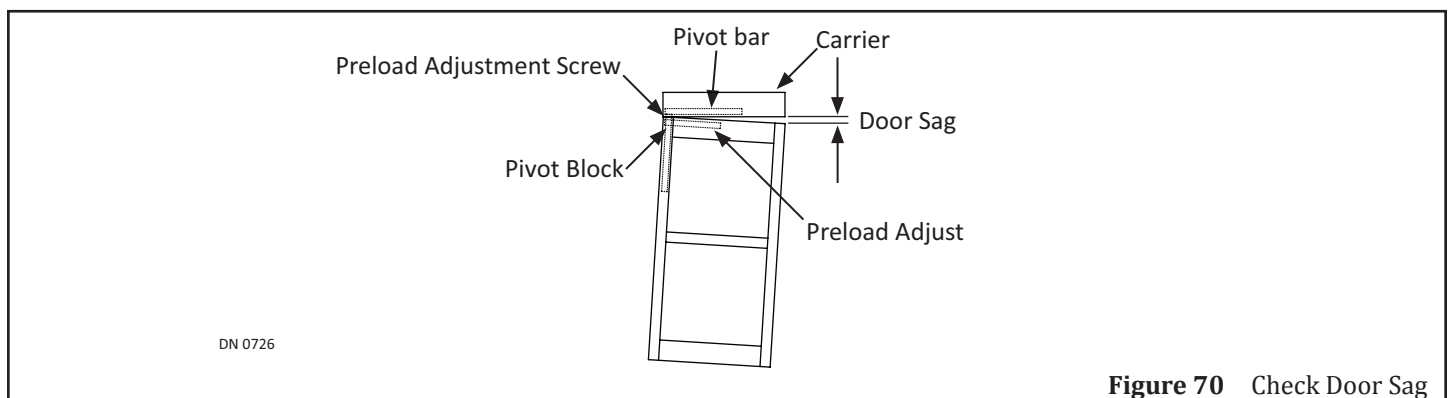


Figure 70 Check Door Sag

1. Support the weight of Slide Door.
2. Go to the Preload Block located inside Top Rail. Loosen (2) 1/4-20x1.75 Locking Bolts.
3. Go to the back edge of Pivot Stile. Reduce Door sag by tightening the 5/16 inch Set Screw with an 5/32 inch Allen Wrench.
 - a. In the event a longer Set Screw is necessary, an optional 1/2 inch Set Screw is supplied by NABCO within the Parts Bag.

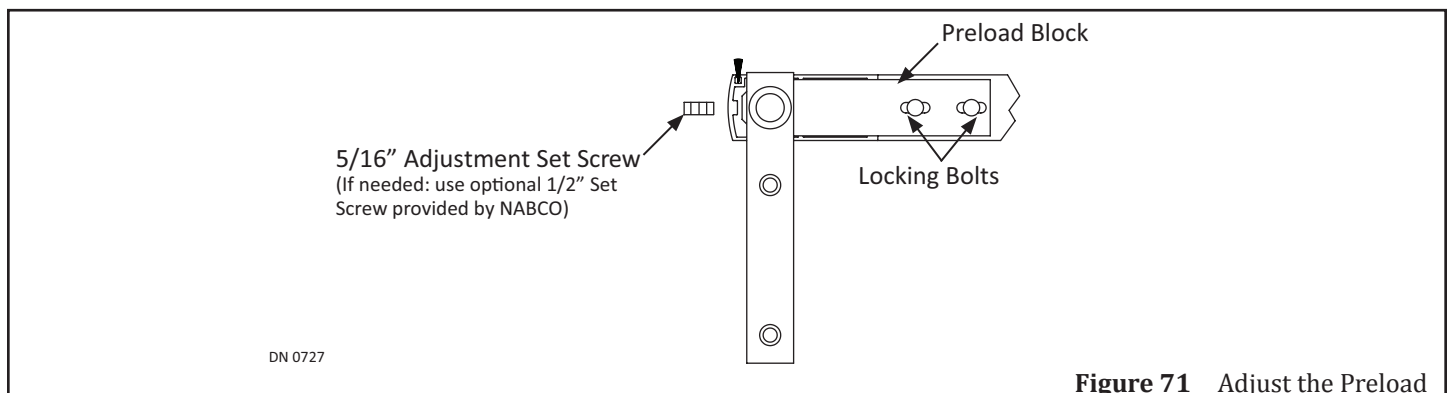
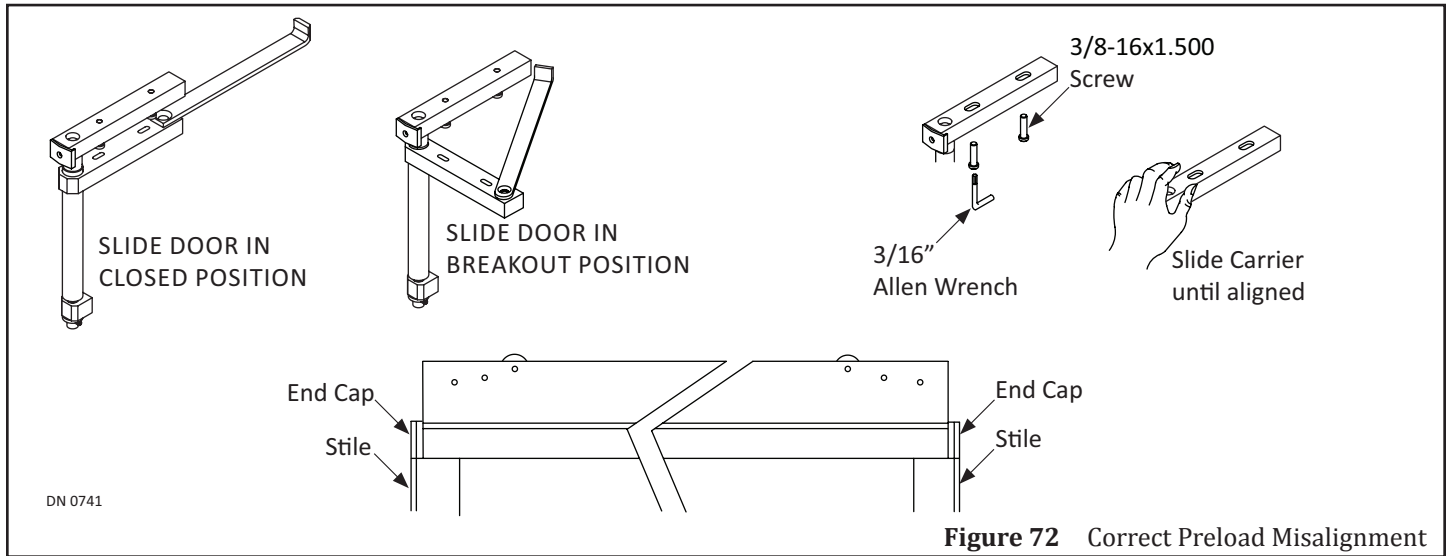


Figure 71 Adjust the Preload

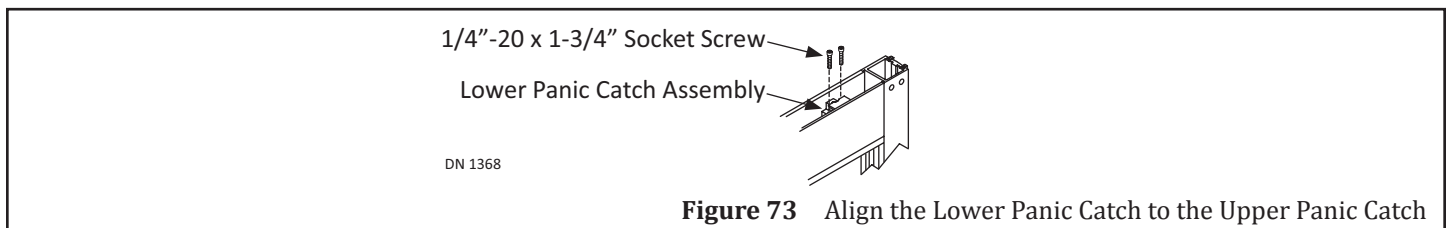
SECTION 18.4: Adjust Horizontal Position of Carrier

Attention: Adjust Preload before adjusting position of Carrier.

1. Break Out the Slide door.
2. Go underneath the Carrier. With a 3/16" Allen Wrench, loosen (2) 3/8-16x1.5" Screws.
3. Slide the Carrier to the Right or Left until both end caps are aligned to both Stiles.
4. Tighten Set Screws.

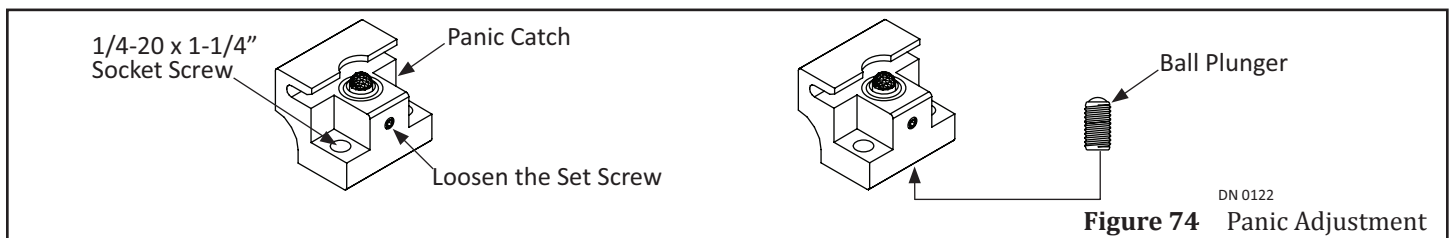


5. Verify that the Lower Panic Catch inside the Door Web is still aligned to the Upper Panic Catch inside the Carrier. If an adjustment is necessary:
 1. Go to the Lower Panic Catch. Loosen (2) 1/4-20 X 1-1/4 inch Socket Screws used to to secure the Lower Panic Catch to the Door Web.
 2. Slide the Lower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



SECTION 18.5: Adjust the Ball Plunger

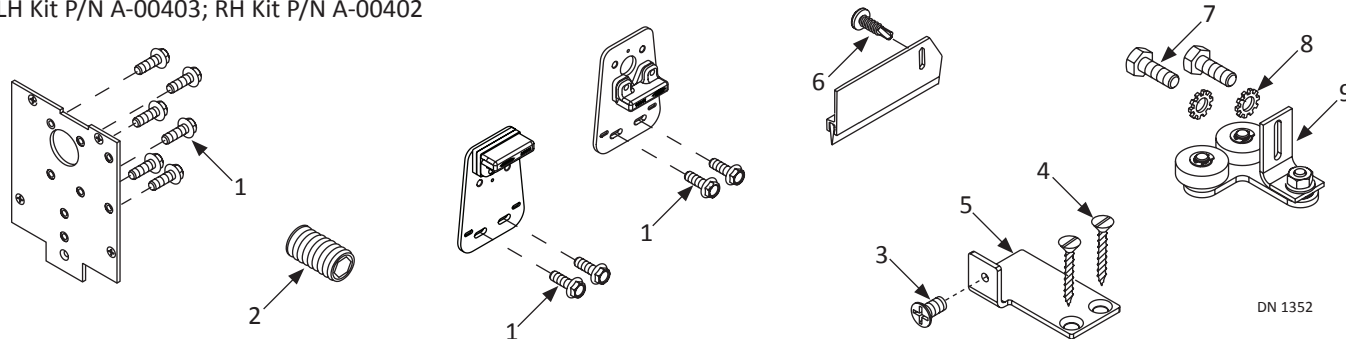
1. Breakout the Slide door. Go inside the Top Rail (closest to the Strike Stile). Remove the Panic Catch Assembly.



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.

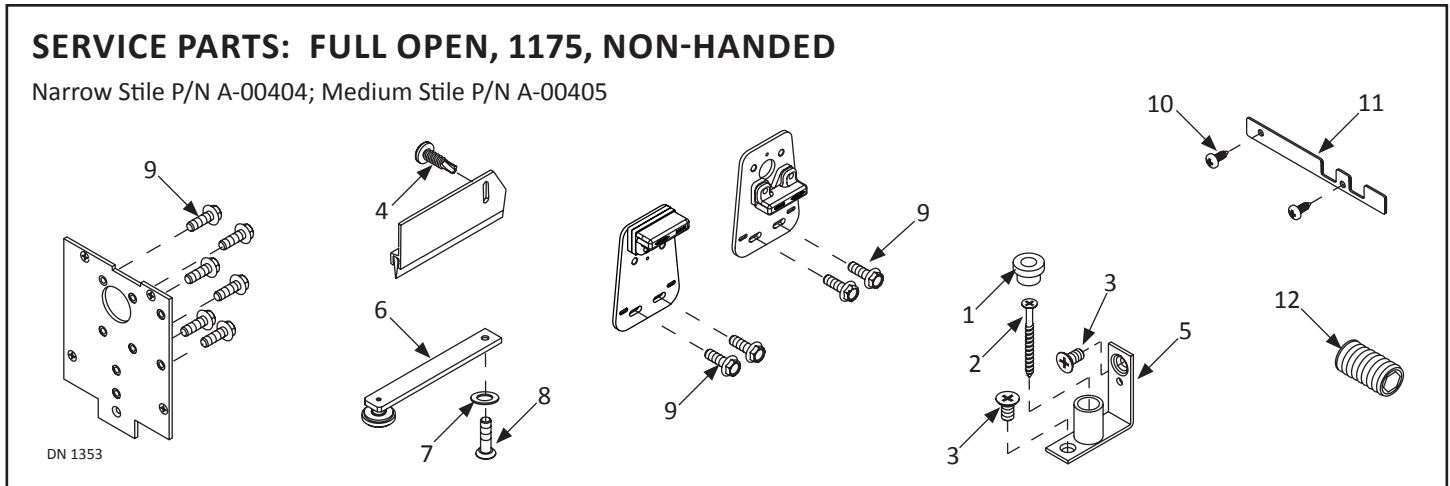
SERVICE PARTS: FIXED SIDELITE, 1175

LH Kit P/N A-00403; RH Kit P/N A-00402



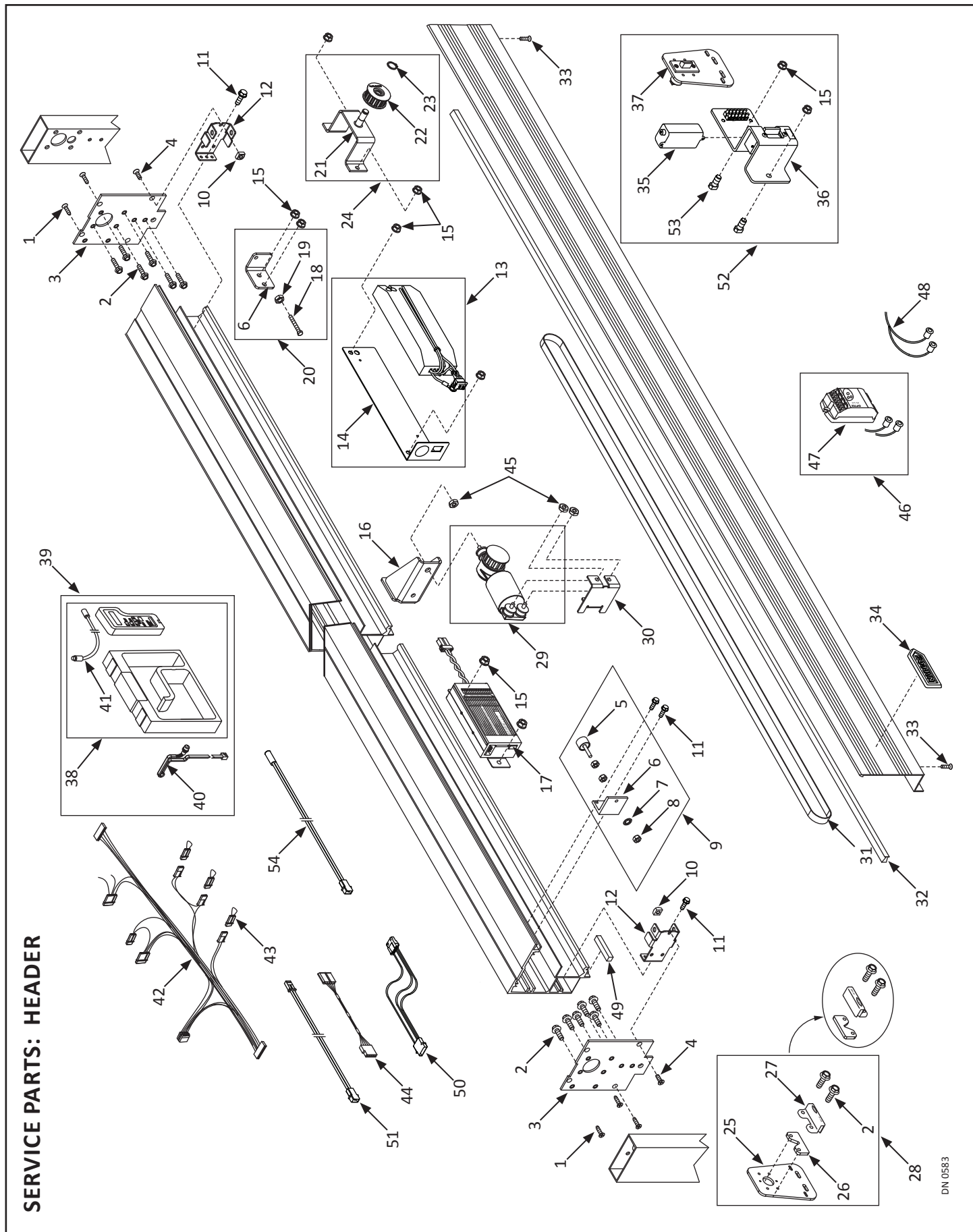
Fixed Sidelite 1175 Parts Kit: LH P/N M-01256 and RH P/N M-01253

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
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 on Slide Door (at top of Strike Stile)
	T-00057	Black Zinc	FHMS,1/4-20x0.500L.,PHIL,BLK ZN	1	Secure Floor Bracket (M-00717) to Strike Stile
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 BTM Guide DBL Roller to
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
	A-00183	LH	BTM GUIDE DOUBLE ROLLER ASM, LH		into Bottom of Strike Stile on Fixed Sidelite.



Full Open 1175 Parts Kit: P/N A-00404; A-00405

Item	Part	Note	Description	QTY	Used To
1	M-00606		BUSHING, BOTTOM PIVOT, SWING PANEL	1	Protect inside of Barrel from dust/dirt
2	T-00008		FHSMS,1/4x2.750L.,PHIL,TAPCON,BLUE	1	Secure Bottom Pivot (M-00611) to floor
3	T-00007		FHMS,1/4-20x0.500L.,PHIL,UNDR CUT,F-PT,ZN	1	Secure Bottom Pivot (M-00611) to floor.
4	T-00222	Zinc	PHSMS,6x0.500L.,PHIL,TEKS,ZINC	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
	A-00406	Medium	LIMIT ARM, SWING PANEL, MED STILE	1	
7	T-00069		WASHER,.255 ID,.900 OD,.125 THK,NYLON	1	Keep Screw from digging into face of Limit Arm
8	T-00083		FHMS,1/4-20x1.000L.,PHIL,UCUT,VIBRATITE	1	Secure Limit Arm to bottom of Header
9	T-00010		HHCS,1/4-20x0.750L.,WHIZLOCK,ZINC	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	Protect raw end of Threshold from dust/dirt
12	T-00261		SHSS,5/16-24x0.500L.,CUP PT.	1	Adjust PreLoad (top of Strike Stile on Slide Door)



SERVICE PARTS: HEADER

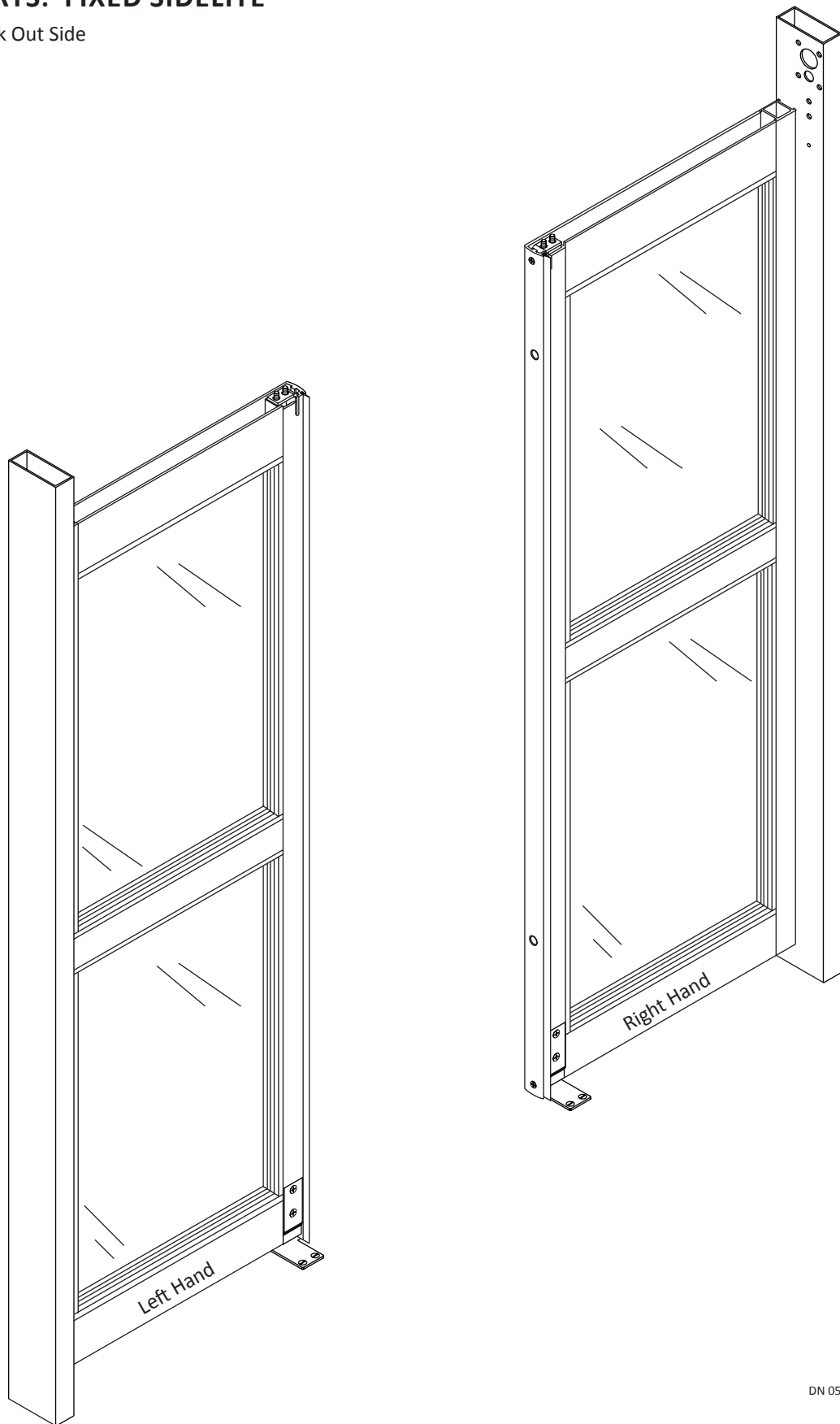
DN 0583

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 Part Bag A-00402 & A-00403	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	A-00087		BUMPER,DOOR STOP
6	M-00502		BRACKET, IDLER/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-00023		HHSMS,14X0.750L,TEKS,ZINC
12	M-00411		BRACKET,END CAP,HEADER
13	A-00717		POWER SUPPLY,27 VDC,100 WATT
14	M-01624		BRACKET, POWER SUPPLY, 1175
15	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
16	M-00396		BRACKET, MOUNTING, FRONT, DS150
17	V-00020		CONTROLLER, U30
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	M-00402		BRACKET, PULLEY SHAFT WELDMENT
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	A-00759		BELT CLIP KIT
29	M-00395		OPERATOR,DS150
30	M-00397		BRACKET,MOUNTING , REAR, DS150
31	M-01491		BELT: .500 PITCH: "H" PROFILE
32	M-00688		PILE WEATHERING .45 TALL W/ ADHESIVE
33	T-00496	Zinc	PHMS,10-24X0.625L.,PHIL,SWAGEFORM,ZINC
	T-00497	Black Zinc	PHMS,10-24X0.625L.,PHIL,SWAGEFORM,BLK ZN
34	C-00067		"NAMEPLATE, ADHESIVE BACKED"
35	V-00022		POWER SUPPLY, 24VDC, 0.5A

Header			
Item	Part	Finish/Sizes/Notes	Description
36	A-00342	Fail Secure	LOCK, ELECTRIC,FAIL SECURE,1175
	A-00341	Fail Safe	LOCK, ELECTRIC,FAIL SAFE,1175
37	A-00343		BRKT,BELT,ELECTRIC LOCK,RHFS,LHFO,BP
	A-00344		BRKT,BELT,ELECTRIC LOCK,LHFS,RHFO
38	A-00711		"KIT,HANDY TERMINAL"
39	V-00356		HANDY TERMINAL
40	M-01517	78.75 inches	"HARNESS,HANDY TERMINAL"
41	M-01410		CABLE,HANDY TERMINAL
42	M-00413		HARNESS,U30,CONTROL
43	A-00385		BREAKOUT JUMPER
44	A-00967	36 inches	HARNESS;EXTENSION;ROCKER SWITCH;36IN.
	A-00968	72 inches	HARNESS;EXTENSION;ROCKER SWITCH;72IN.
	A-00969	180 inches	HARNESS;EXTENSION;ROCKER SWITCH;180IN.
45	T-00495		NUT,WHIZLOCK,M8-1.25,ZINC
46	A-00709	Control Box and Cable	HOLDING BEAM SYSTEM
47	A-00129	Control Box	AMPLIFIER, PHOTOEYE, OPTEX ASSY
48	V-00073	(1) Emit and (1) Detect w/ExtCbl	HOLDING BEAM,PHOTO ELECTRIC,W/ EXT CABLE
49	M-00281		FOAM WEATHERSTRIPPING ADHESIVE BACKED
50	M-01168	24 inches	HARNESS,ACUSENSOR EXT,24 INT
	M-01156	48 inches	ACCUSENSOR EXT HARNESS 48" INT.
51	M-01136	35 inches	HARNESS,BREAK OUT SWITCH,35IN EXTENSION
	M-01073	90 inches	HARNESS,BREAK OUT SWITCH,90IN EXTENTION
52	A-01031		U-19 ELECTRIC LOCK KIT, FAIL SECURE
	A-01032		U-19 ELECTRIC LOCK KIT, FAIL SAFE
53	A-00686		"T-NUT,3/8-16x.750L"
54	A-00758	Full Open Sidelite only	SWITCHBREAKOUT

SERVICE PARTS: FIXED SIDELITE

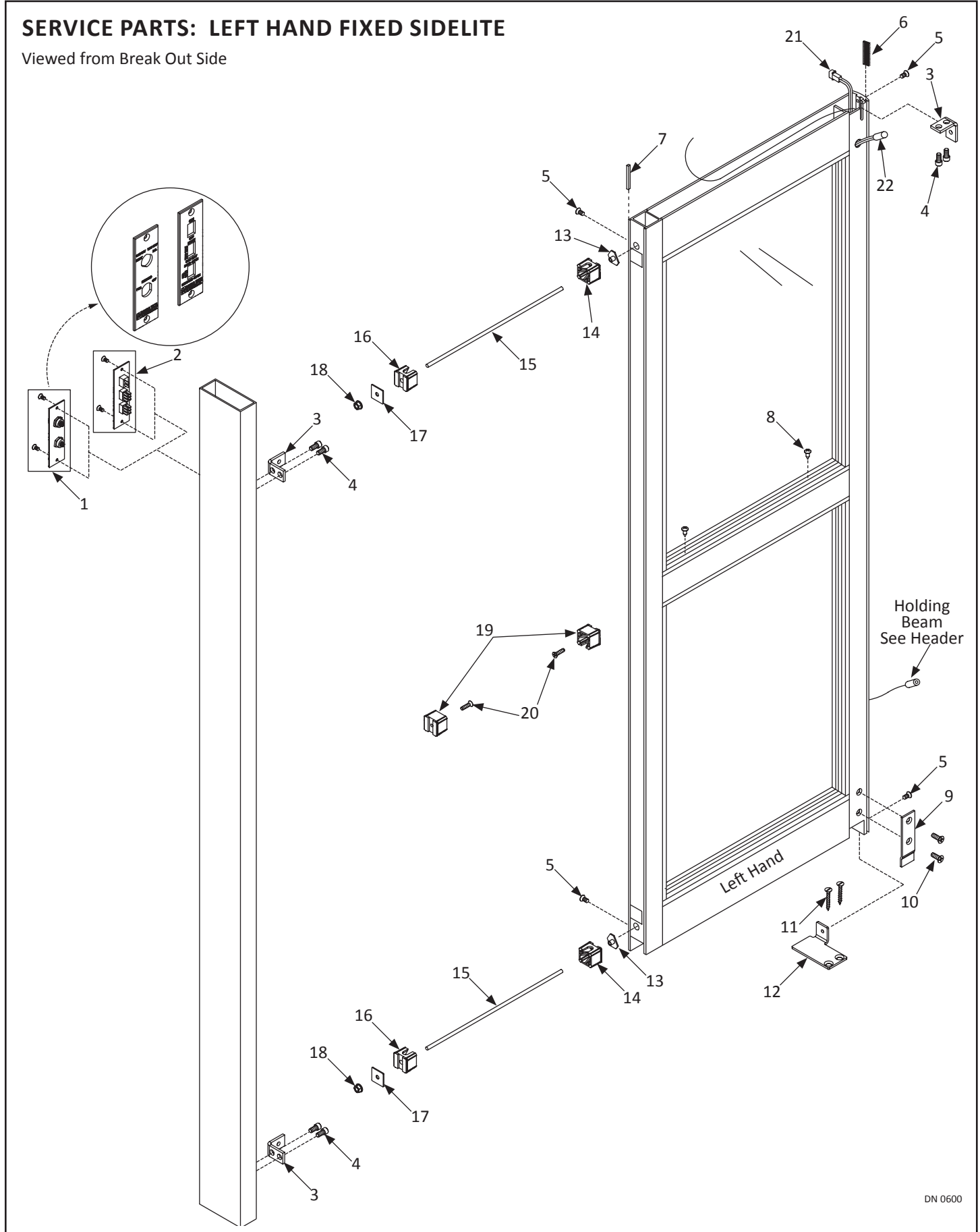
Viewed from Break Out Side



DN 0598

SERVICE PARTS: LEFT HAND FIXED SIDELITE

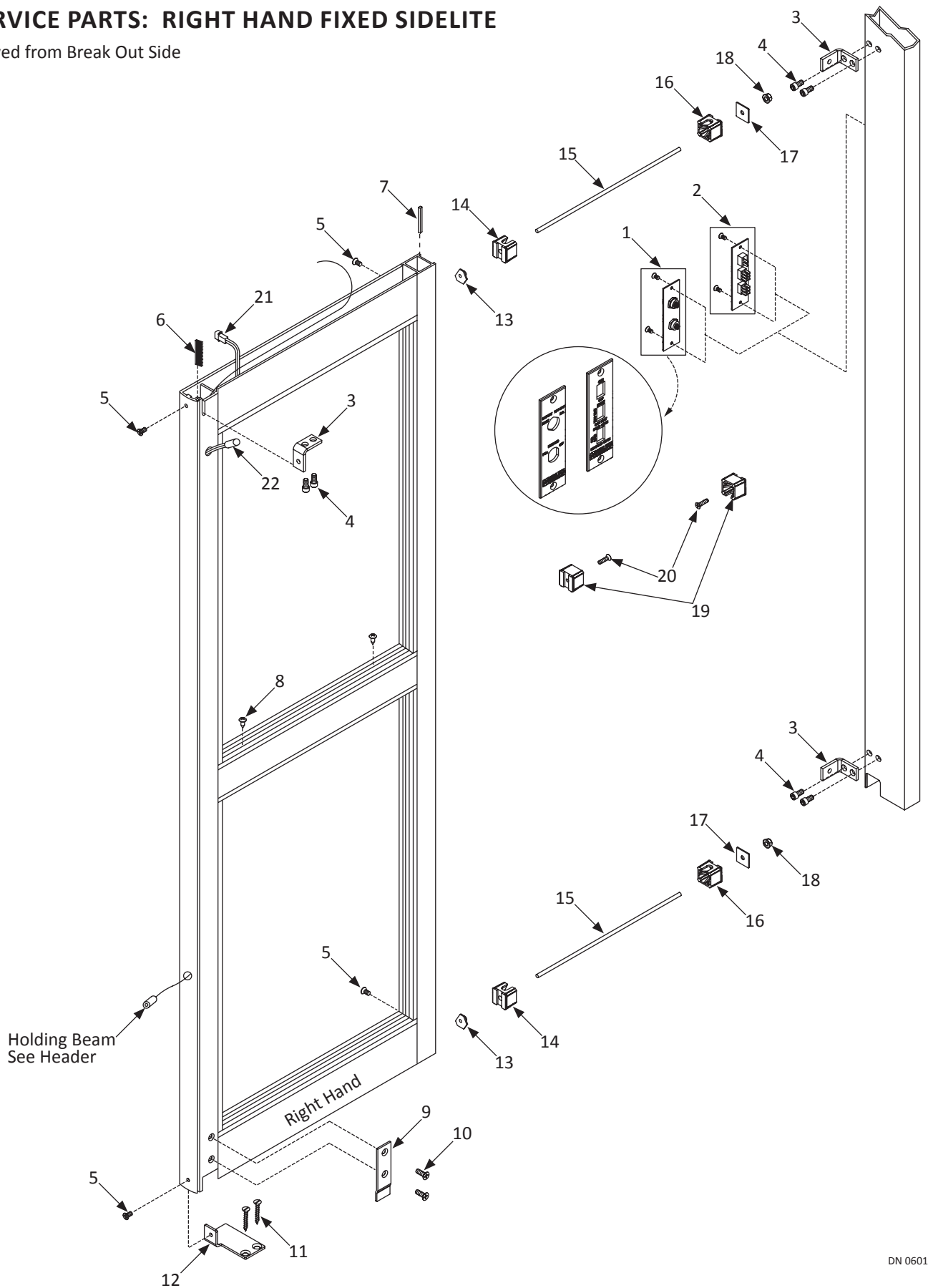
Viewed from Break Out Side



DN 0600

SERVICE PARTS: RIGHT HAND FIXED SIDELITE

Viewed from Break Out Side

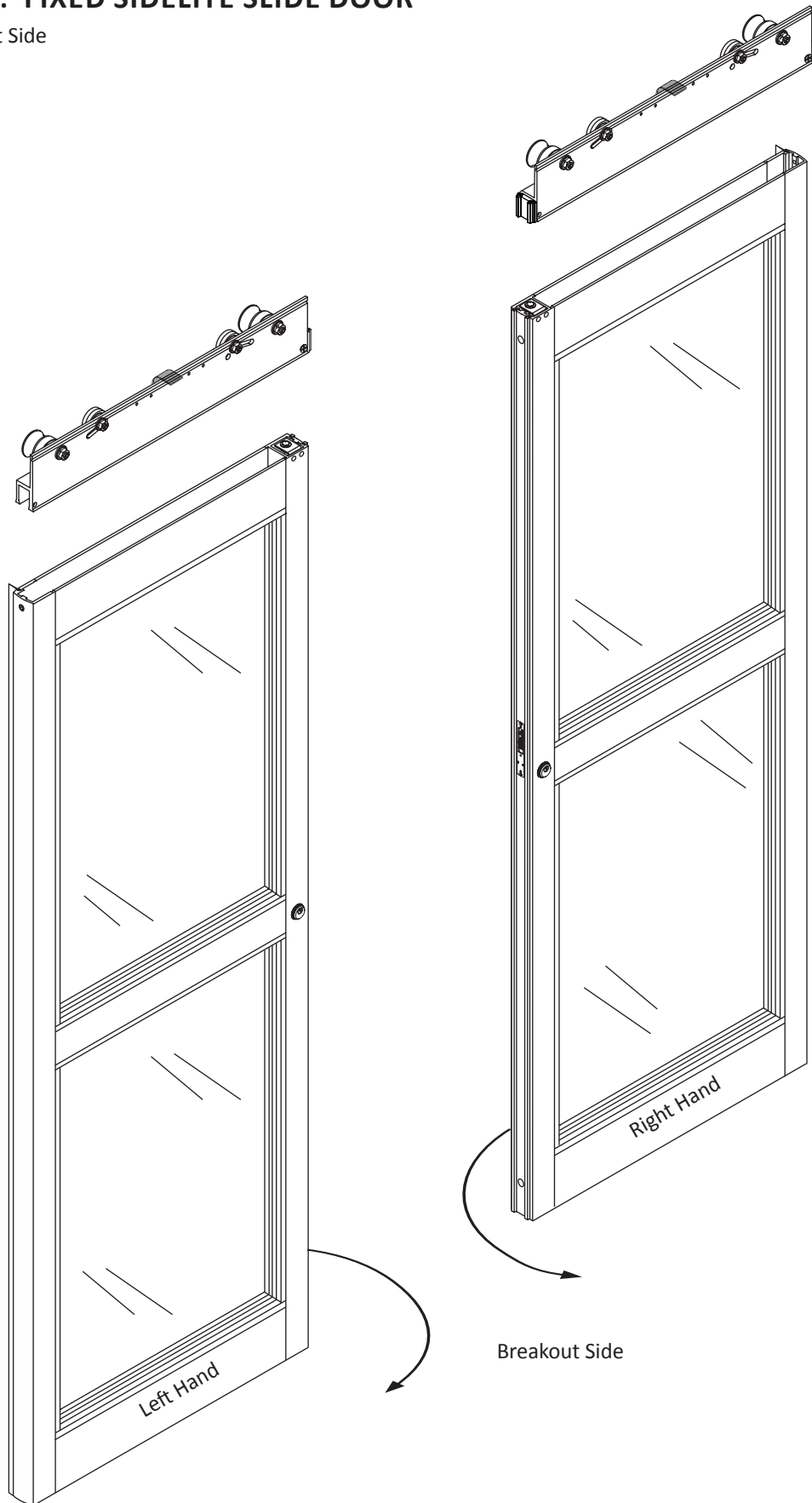


DN 0601

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 A-00404 & A-00405	FHMS,1/4-20x0.500L.,PHIL,ZINC
	T-00057	Black Oxide; In Part Bag A-00404 & A-00405	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	1 screw In Part Bag A-00402 & A-00403	FHSMS - SLOTTED, #14 X 1 1/12" LG
12	M-00717	RH; In Part Bag A-00404 & A-00405	FLOOR BRKT, RHFS
	M-00710	LH; In Part Bag A-00404 & A-00405	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	White/Installed inside Strike Stile/See Header for Extension Harnesses	REED SWITCH ASSEMBLY WIDE GAP

SERVICE PARTS: FIXED SIDELITE SLIDE DOOR

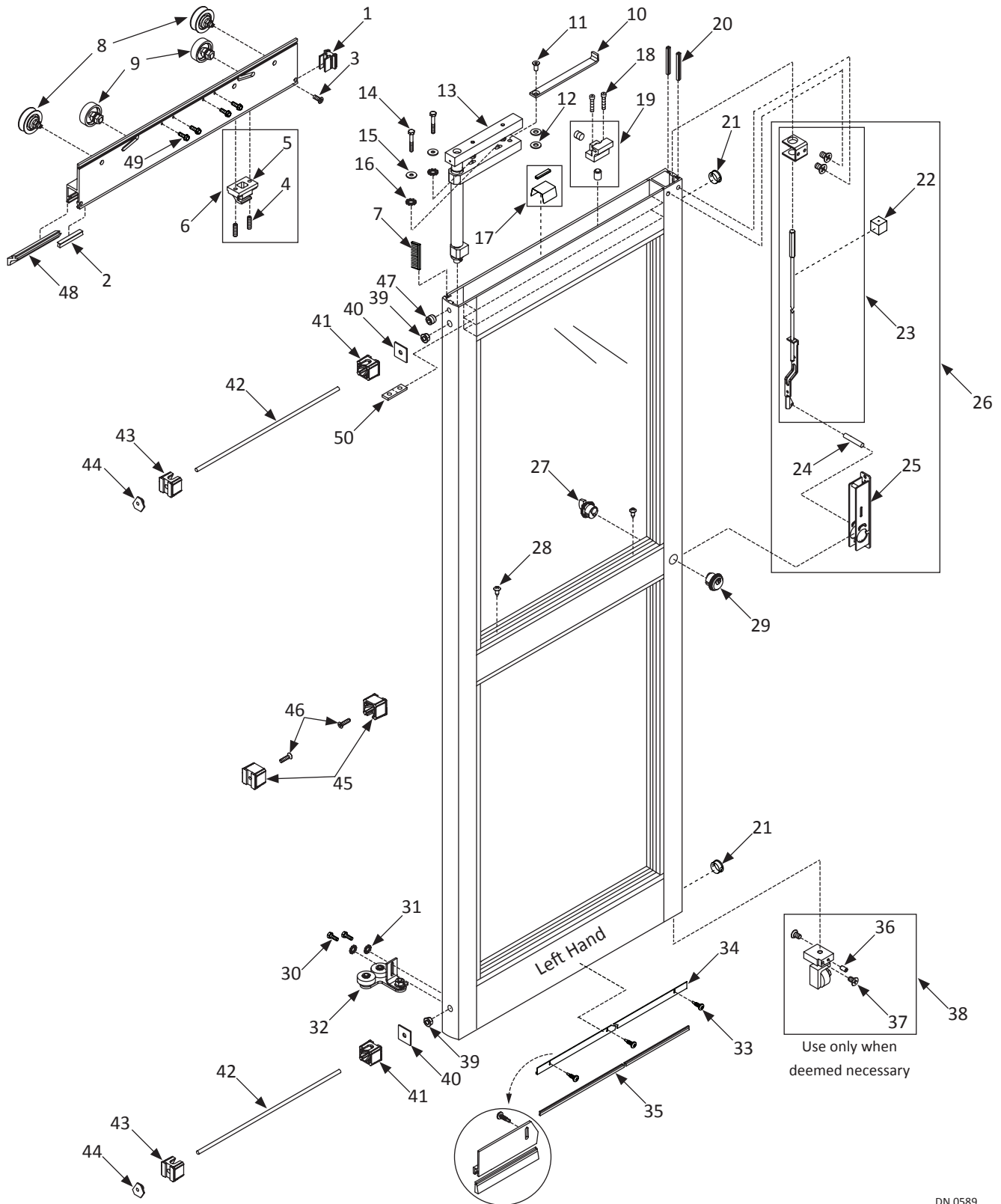
Viewed from Break Out Side



DN 0584

SERVICE PARTS: FIXED SIDELITE; LEFT HAND SLIDE DOOR

Viewed from Break Out Side



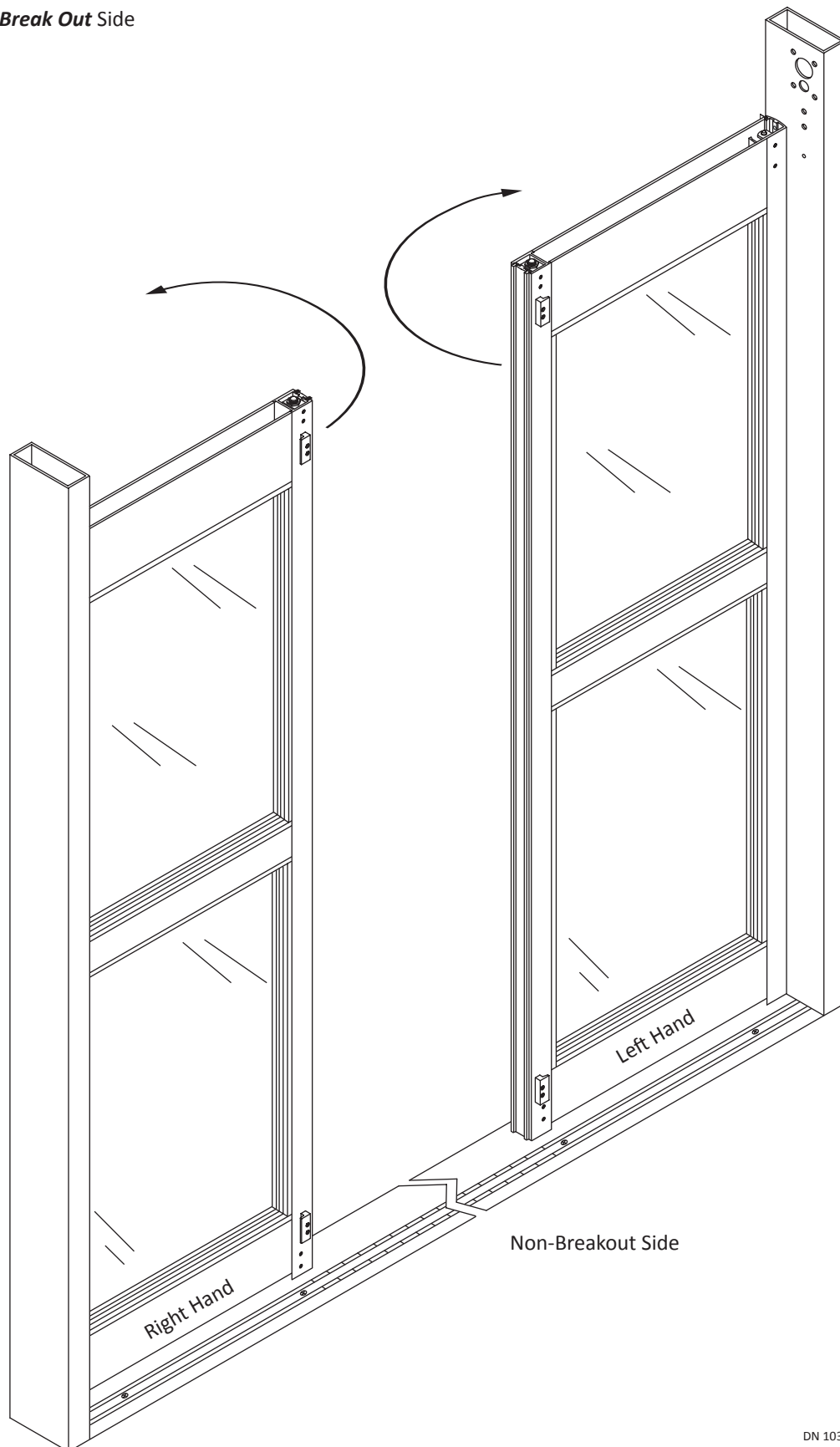
DN 0589

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	Standard Stile	LIMIT ARM, STANDARD STILES
	M-00704	Medium Stile	ARM, LIMIT, MEDIUM STILE
11	T-00018		FHCS,7/16-14x1.000L.,ZINC
12	T-00484		WASHER,.469 ID,.922 OD,.065 THK,ZINC
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	M-00653		BRACKET, LIMIT ARM SUPPORT
18	T-00037		SHCS,1/4-20x1.250L.,ZINC
19	A-00069		PANIC CATCH, BOTTOM
20	M-00688		PILE WEATHERING .45 TALL W/ ADHESIVE
21	T-00085		PLUG, DOME, .813 DIAMETER
22	M-00974		BLOCK,FOAM
23	V-00094		LOCKROD, ADAMS-RITE #4015
24	T-00132		"PIN,ROLL,5/32D X 0.875L."
25	V-00005		LOCK, ADAMS-RITE #MS1853
26	A-00523		KIT,LOCK AND ROD
27	V-00116	Silver	CYLINDER,LOCK,THUMBTURN,204
	V-70116	Bronze	CYLINDER,LOCK,THUMBTURN,313
28	T-00098		PHSMS,10x0.563L.,PHIL,TYPE A
29	V-00123	Silver	CYLINDER,LOCK,KEYED,204
	V-70123	Bronze	CYLINDER,LOCK,KEYED,313
30	T-00064	In Part Bag A-00402 & A-00403	HHCS,1/4-20x0.750L.,ZINC
31	T-00087	In Part Bag A-00402 & A-00403	WASHER, LOCK, EXT, 1/4 ID, ZINC
32	A-00181	RH; In Part Bag A-00402 & A-00403	BTM GUIDE DOUBLE ROLLER ASM, RH
	A-00183	LH; In Part Bag A-00402 & A-00403	BTM GUIDE DOUBLE ROLLER ASM, LH

Fixed Sidelite Slide Door			
Item	Part	Finish/Sizes/Notes	Description
33	T-00222	Zinc; In Part Bag A-00402 & A-00403	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
	T-00260	Black Zinc; In Part Bag A-00402 & A-00403	PHSMS,6x0.500L. PHIL,TEKS BLK ZN
34	M-60278	Clear	HOLDER,WEATHERING BRUSH,204,EXTRU
	M-70278	Dark Bronze	HOLDER,WEATHERING BRUSH,313,EXTRU
35	M-00274		BRUSH, NYLON, 1" STEPPED
	M-00698		BRUSH, NYLON, 1.5"
36	T-00105		SHSS,8-32x0.313L.,CUP PT.
37	T-00016	Zinc	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,ZINC
	T-00108	Black Oxide	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,BLK ZN
38	A-00198	Narrow Stile	NOSE CASTER ASSY, NAR
	A-00207	Medium Stile	NOSE CASTER ASSY, MED
39	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
40	M-00422		PLATE,TIE ROD
41	M-00461		CLIP,MUNTIN,.386 HOLE
42	M-00272		3/8-16 THREADED ROD
43	M-00460		CLIP,MUNTIN,.500 HOLE
44	M-00416		T-NUT, 3/8"-16, TIE ROD
45	M-00462		CLIP,MUNTIN,.261 HOLE
46	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
47	T-00019		SHSS,5/16-24x0.313L.,CUP PT.
	T-00261	In Part Bag A-00402 & A-00403	SHSS,5/16-24x0.500L.,CUP PT.
48	M-60288	Clear	INTERFACE LEG,204,EXTRU
	M-70288	Dark Bronze	INTERFACE LEG,313,EXTRU
49	T-00010		HHCS,1/4-20x0.750L.,WHIZLOCK,ZINC
50	M-00282	Cut to full length of Top Door Rail	FLEXIBLE MAGNETIC STRIP

SERVICE PARTS: FULL OPEN SIDELITE

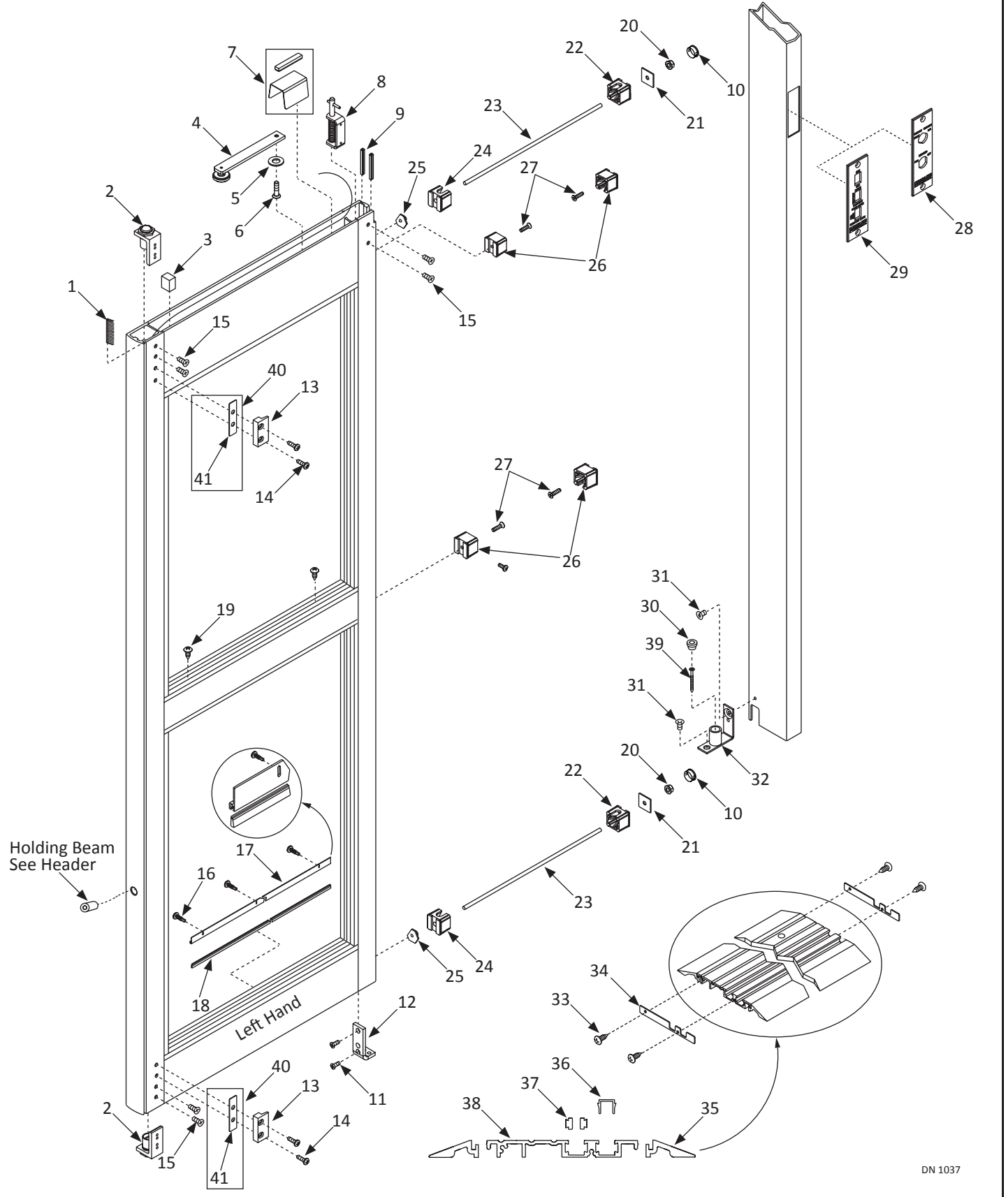
Viewed from *Non-Break Out* Side



DN 1035

SERVICE PARTS: FULL OPEN; LEFT HAND SIDELITE

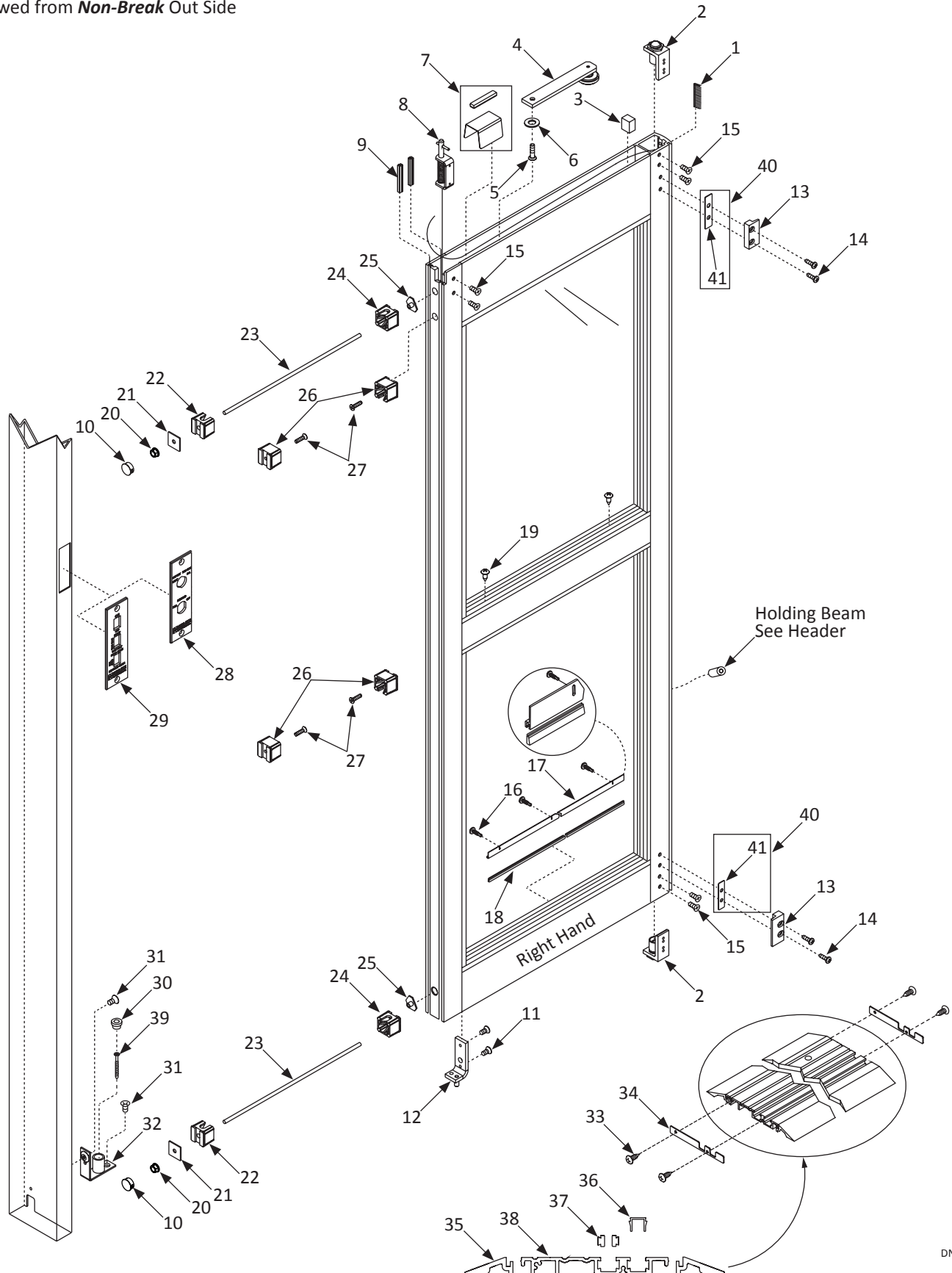
Viewed from *Non-Break* Out Side



DN 1037

SERVICE PARTS: FULL OPEN; RIGHT HAND SIDELITE

Viewed from *Non-Break* Out Side



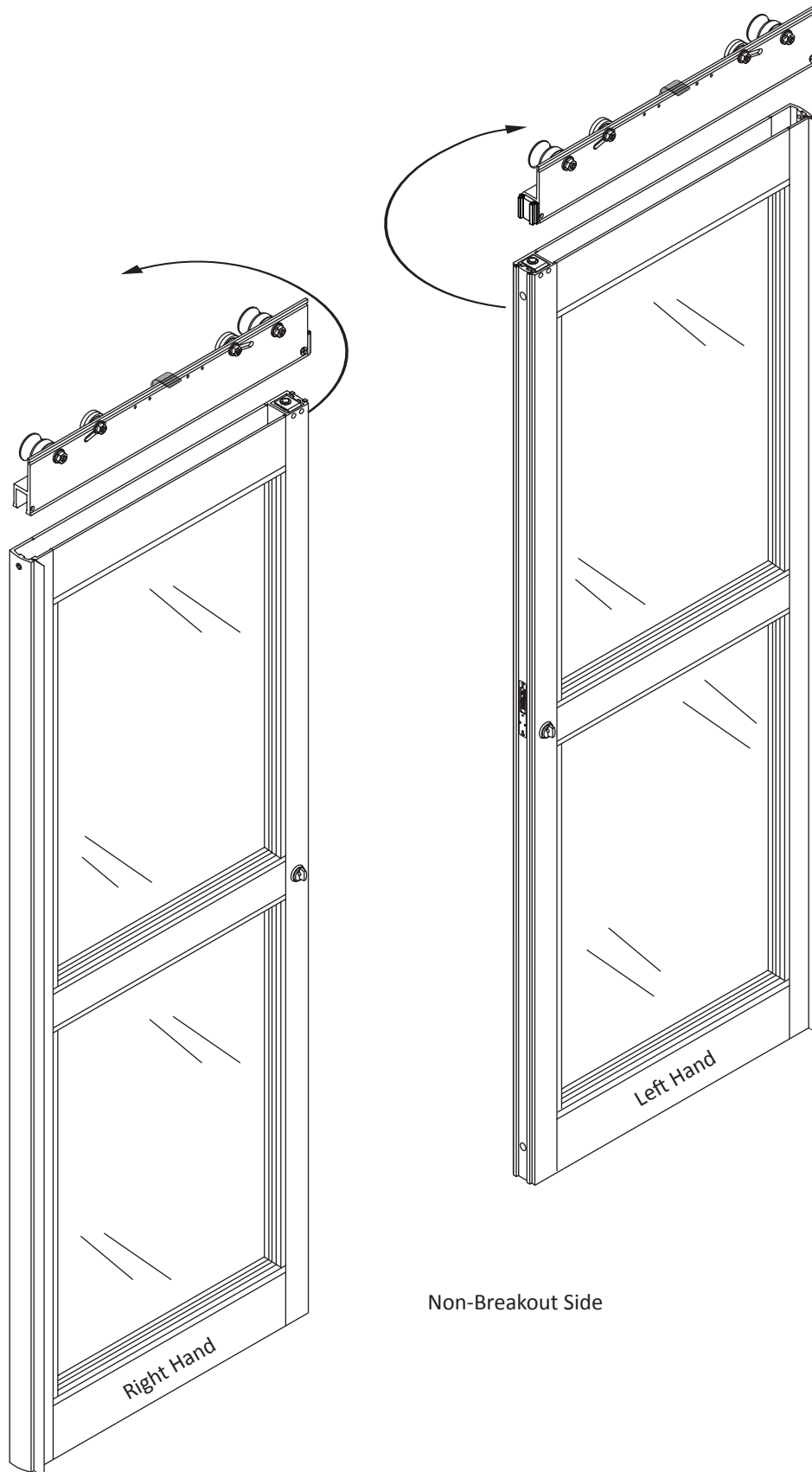
DN 1036

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 A-00404 & A-00405	LIMIT ARM,SWING PANEL,ASM.NRW.STILE
	A-00406	Medium Stile; In Part Bag A-00404 & A-00405	LIMIT ARM, SWING PANEL, MED STILE
5	T-00069	In Part Bag A-00404 & A-00405	WASHER,.255 ID,.900 OD,.125 THK,NYLON
6	T-00083	In Part Bag A-00404 & A-00405	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	V-00720		PLUG,HOLE,13/16 DOME
11	T-00016		FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,ZINC
12	M-00745	LH	PIVOT, BOTTOM, SWING PANEL, LH
	M-00744	RH	PIVOT, BOTTOM, SWING PANEL, RH
13	M-00440		INTERLOCK, PLASTIC, 1175
14	T-00078		PHMS,10-32x0.625L.,PHIL,ZINC
15	T-00027	Zinc	PHMS,10-32x0.500L.,PHIL.ZINC
	T-00051	Black Zinc	PHMS,10-32x0.500L.,PHIL,BLK ZN
16	T-00222	Zinc; In Part Bag A-00404 & A-00405	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
	T-00260	Black Zinc	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
19	T-00006		FHSMS,10x0.750L.,PHIL,ZINC
20	T-00025		NUT,WHIZLOCK,3/8-16,ZINC
21	M-00422		PLATE,TIE ROD
22	M-00461		CLIP,MUNTIN,.386 HOLE
23	M-00272		3/8-16 THREADED ROD
24	M-00460		CLIP,MUNTIN,.500 HOLE
25	M-00416		T-NUT, 3/8"-16, TIE ROD
26	M-00462		CLIP,MUNTIN,.261 HOLE
27	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
28	M-00428		SWITCH MODULE,3 ROCKER,NABCO
29	M-01144		SWITCH, KEY - NABCO
30	M-00606	In Part Bag A-00404 & A-00405	BUSHING, BOTTOM PIVOT, SWING PANEL
31	T-00007	In Part Bag A-00404 & A-00405	FHMS,1/4-20x0.500L.,PHIL,UNDRUCUT,F-PT,ZN
32	M-00611	In Part Bag A-00404 & A-00405	FLOOR PIVOT BRACKET
33	T-00009	In Part Bag A-00404 & A-00405	PHSMS,6x0.375L,PHIL,TYPE AB,18-8 SS
34	M-00442	In Part Bag A-00404 & A-00405	END CAP
35	M-60260		RAMP, THRESHOLD EXTENSION,204,EXTRU
36	M-00295		THRESHOLD, FILLER
37	M-00291		THRESHOLD, BUMPER

Full Open Sidelite			
Item	Part	Finish/Sizes/Notes	Description
38	M-60258		THRESHOLD,4-1/2 X 1/2,204,EXTRU
39	T-00008	In Part Bag A-00404 & A-00405	FHSMS,1/4x2.750L.,PHIL,TAPCON,BLUE
40	A-00391		KIT,SHIM,INTERLOCK
41	M-00494		SHIM, INTERLOCK

SERVICE PARTS: FULL OPEN; SLIDE DOOR

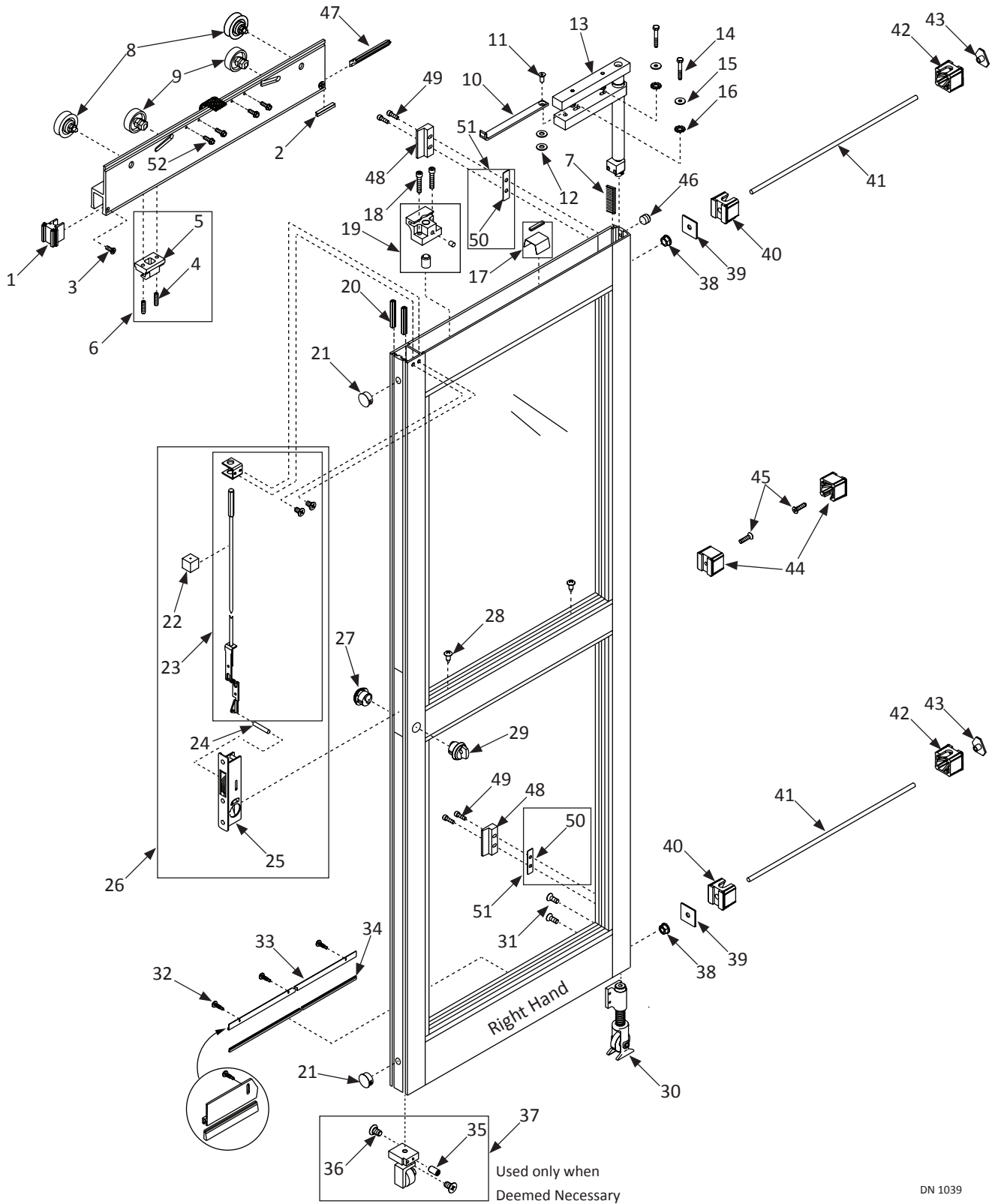
Viewed from *Non-Break* Out Side



DN 1038

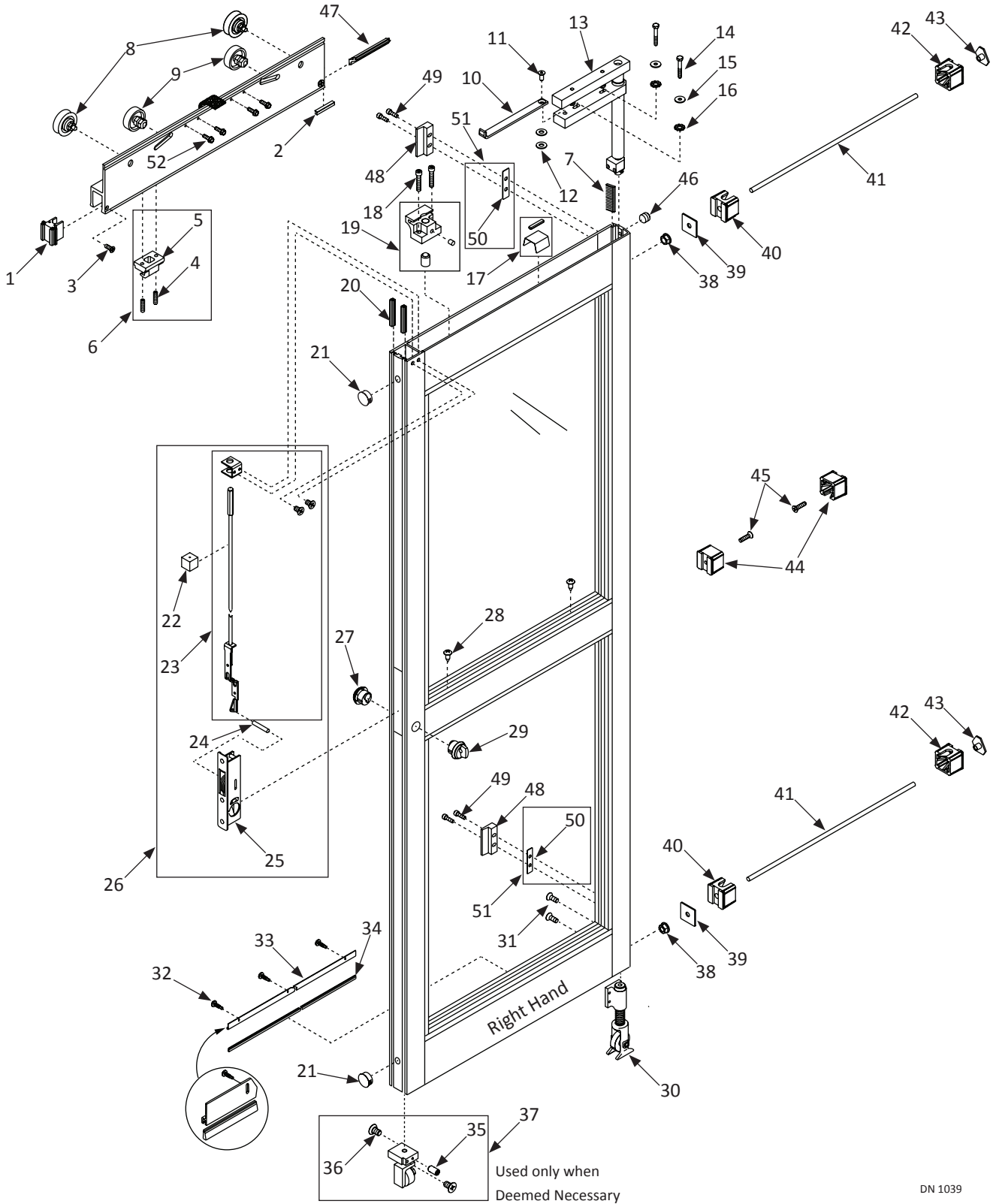
SERVICE PARTS: RIGHT HAND SLIDE DOOR FULL OPEN

Viewed from *Non-Break* Out Side



SERVICE PARTS: RIGHT HAND SLIDE DOOR FULL OPEN

Viewed from *Non-Break* Out Side



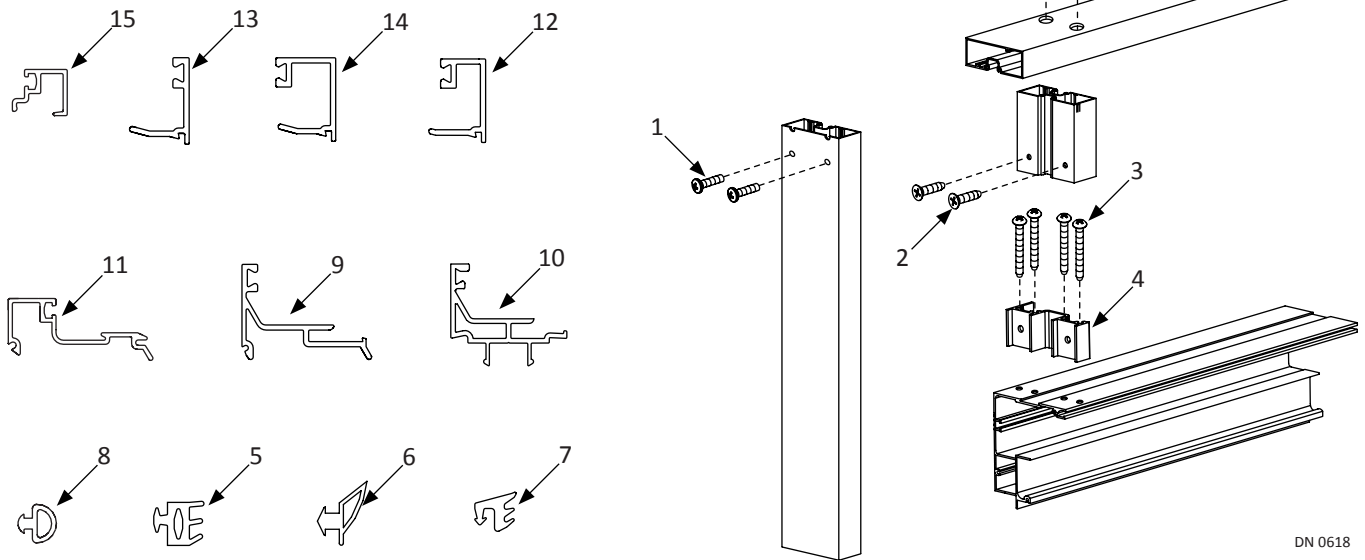
DN 1039

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	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-00093		FHCS,7/16-14x1.000L.,ZINC,W/ NYLON PATCH
12	T-00484		WASHER,.469 ID,.922 OD,.065 THK,ZINC
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-00054		WASHER,.281 ID,.625 OD,.065 THK,ZINC
16	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC
17	M-00653		BRACKET, LIMIT ARM SUPPORT
18	T-00037		SHCS,1/4-20x1.250L.,ZINC
19	A-00069		PANIC CATCH, BOTTOM
20	M-00689		WEATHERING, PILE .45
21	V-00720		PLUG,HOLE,13/16 DOME
22	M-00974		BLOCK,FOAM
23	V-00094		LOCKROD, ADAMS-RITE #4015
24	T-00132		"PIN,ROLL,5/32D X 0.875L."
25	V-00006		LOCK, CR LAURENCE #DL2130A
26	A-00802		"LOCK,W/ ROD,CRL"
27	V-00116	Silver	CYLINDER,LOCK,THUMBTURN,204
	V-70116	Bronze	CYLINDER,LOCK,THUMBTURN,313
28	T-00006		FHSMS,10x0.750L.,PHIL,ZINC
29	V-00123	Silver	CYLINDER,LOCK,KEYED,204
	V-70123	Bronze	CYLINDER,LOCK,KEYED,313
30	A-00063		ROLLER GUIDE,BOTTOM,ASM.
31	T-00027		PHMS,10-32x0.500L.,PHIL.ZINC
32	T-00222	Zinc; In Part Bag A-00404 & A-00405	PHSMS,6x0.500L.,PHIL,TEKS,ZINC
	T-00260	Black Zinc; In Part Bag A-00404 & A-00405	PHSMS,6x0.500L. PHIL,TEKS BLK ZN

Full Open Slide Door			
Item	Part	Finish/Sizes/Notes	Description
33	M-60278	Clear	HOLDER,WEATHERING BRUSH,204,EXTRU
	M-70278	Dark Bonze	HOLDER,WEATHERING BRUSH,313,EXTRU
34	M-00274	In Part Bag A-00404 & A-00405	BRUSH, NYLON, 1" STEPPED
35	T-00105		SHSS,8-32x0.313L.,CUP PT.
36	T-00016	Zinc	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,ZINC
	T-00108	Black Oxide	FHMS,1/4-20x0.438L.,PHIL,UNDERCUT,BLK ZN
37	A-00198	.090 Narrow Stile	NOSE CASTER ASSY, NAR
	A-00207	.125 Medium Stile	NOSE CASTER ASSY, MED
38	T-00025	Zinc	NUT,WHIZLOCK,3/8-16,ZINC
39	M-00422	In Part Bag A-00404 & A-00405	PLATE,TIE ROD
40	M-00461		CLIP,MUNTIN,.386 HOLE
41	M-00272		3/8-16 THREADED ROD
42	M-00460		CLIP,MUNTIN,.500 HOLE
43	M-00416		T-NUT, 3/8"-16, TIE ROD
44	M-00462		CLIP,MUNTIN,.261 HOLE
45	T-00061		FHMS,1/4-20x1.000L.,PHIL,TRI-LOBE,ZINC
46	T-00019		SHSS,5/16-24x0.313L.,CUP PT.
	T-00261	In Part Bag A-00404 & A-00405	SHSS,5/16-24x0.500L.,CUP PT.
47	M-60288	Clear	INTERFACE LEG,204,EXTRU
	M-70288	Dark Bronze	INTERFACE LEG,313,EXTRU
48	M-00440		INTERLOCK, PLASTIC, 1175
49	T-00078		PHMS,10-32x0.625L.,PHIL,ZINC
50	M-00494		SHIM, INTERLOCK
51	A-00391		KIT,SHIM,INTERLOCK
52	T-00010	In Part Bag A-00404 & A-00405	HHCS,1/4-20x0.750L.,WHIZLOCK,ZINC

SERVICE PARTS: GLASS STOPS AND TRANSOM HARDWARE

Viewed from Break Out Side



DN 0618

Glass Stops and Transom Hardware

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
To Ensure Proper Fit: Please contact Customer Service before ordering Vinyl			
5	M-00263	Three Prong	VINYL GLASS STOP THREE PRONG
6	M-00284	Tear Drop	VINYL GLASS STOP TEAR DROP
7	M-00279	Flush Glaze	VINYL FLUSH GLAZE
8	M-00339	Used for Door	VINYL, GLASS STOP
To Ensure Proper Fit: Please contact Customer Service before ordering Glass Stops			
9	M-60250	Clear, Used for Door or Header	GLASS STOP,BASE,204,EXTRU
	M-70250	Dark Bronze, Used for Door or Header	GLASS STOP,BASE,313,EXTRU
10	M-60298	Clear, Used for Transom or Jamb Tube	GLASS STOP,BASE,TRANSOM JAMB, 204, EXTRU
	M-70298	Dark Bronze, Used for Transom or Jamb Tube	GLASS STOP,BASE,TRANSOM JAMB, 313, EXTRU
11	M-60338	Clear, Used for Door	GLASS STOP,BASE,SNAP IN,204,,EXTRU
	M-70338	Dark Bronze, Used for Door	GLASS STOP,BASE,SNAP IN,313,EXTRU
12	M-60265	Clear, Used for Door or Header	GLASS STOP,1” TALL,SNAP IN,204,EXTRU
	M-70265	Dark Bronze, Used for Door or Header	GLASS STOP, 1” TALL, SNAP,313,EXTRU
13	M-60268	Clear, Used for Door or Header	GLASS STOP, SNAP IN, 1/2” TALL,204,EXTRU
	M-70268	Dark Bronze, Used for Door or Header	GLASS STOP, SNAP IN, 1/2” TALL,313,EXTRU
14	M-60333	Clear, Used for Door or Header	GLASS STOP,TOP, 1” TALL, 204 ,EXTRU
	M-70333	Dark Bronze, Used for Door or Header	GLASS STOP,TOP, 1” TALL, 313 ,EXTRU
15	M-60255	Clear, Used for Door	GLASS STOP,BASE,204,EXTRU
	M-70255	Dark Bronze, Used for Door	GLASS STOP,BASE,313,EXTRU