



NABCO GT1175 Slide Door Fixed Sidelite with OPUS Installation Manual

P/N C-00585 Rev 12-3-25

NABCO Entrances Inc. 582 W18717 Gemini Drive Muskego, Wisconsin 53150

Phone: (877) 622-2694 www.nabcoentrances.com

NABCO Hours of Operation for Technical Service (Option #3):

Monday to Friday 7:00 a.m.- 5:30 p.m. (Central Time)

techsupport@nabcoentrances.com



Please call NABCO Entrances Technical Service at 1-877-622-2694 option #3 between 7 am-5:30pm CST
or email TechSupport@Nabcoentrances.com for troubleshooting assistance.

Associated Manuals Part Numbers:

OPUS Wiring and Programming Manual P/N C-00391

**(Power input: 100-130VAC, AC 50-60 Hz, minimum 5A service, see OPUS manual
for more information)**

Automatic Sliding Door Owner's Manual (P/N C-00109) for Decal Installation



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

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CHAPTER 1: SAFETY FLAGS

SECTION 1.1: Warning Labels

Warning labels are universal and used to alert an individual of a potential hazard to oneself or to others. The following warning labels are listed in a hierarchical order that defines the most hazardous: **DANGER** to the least hazardous: **SAFETY**. Please refer to this page if a warning label is displayed within this manual and requires further definition.



Indicates an immediate hazard; a hazard capable of producing irreversible damage, injury, or death. It should not be considered for property damage unless personal injury risk is present.



Indicates a potentially hazardous situation which, if not avoided could result in death or serious injury. It should not be considered for property damage unless personal injury risk is present.



Indicates a potentially hazardous situation; a hazard capable of resulting in severe but not irreversible injury or damage. The **CAUTION** label should not be used when there is a possibility of death or serious irreversible injury.



Indicates a situation where general information is provided to prevent material from damage or prevent the function of the equipment from being impaired. The **NOTICE** label should NOT be used when there is a hazardous situation or personal risk.



Indicates a statement of company policy as the message relates to the personal safety or protection of property. The **SAFETY** label should NOT be used when there is a hazardous situation or personal risk.

NOTE: *Indicates important information that provides further instruction.*

SECTION 1.2: General Safety Recommendations



Always disconnect all power to the junction box and use proper Lockout/ Tagout procedures prior to making any electrical connections. Failure to do so may result in irreversible damage, injury, or death. Ensure the equipment is disconnected from the energy source by using the operating controls and by using a voltmeter to check voltage.



Do not place any extremity or uninsulated tool inside the *Header*. Touching wires or other parts inside the enclosure may cause electrical shock, serious injury or death.



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



It is imperative to read, study and understand the installation and operating instructions contained in or referenced in this manual before performing any service or maintenance. If you do not fully understand the instructions, please ask a qualified technician. Failure to do so may result in death, serious injury, or property damage and will nullify all warranties.



This product is for Indoor use only.



Use this operator only with Nabco sliding doors.



The ground wire from the OPUS Control 120 VAC harness and the incoming 120 VAC ground wire must be connected to each other secured with a UL-listed electrical connector within the Slide Door Header.



If any equipment appears damaged or is not working correctly, it should be immediately removed from service until repairs can be carried out or a qualified service technician is contacted for corrective action.



This manual, the owner's manual and all other associated manuals must be given to and retained by the purchasing facility or end user. The Owner's Manual is intended to be used by the Building Owner or Manager. ONLY a qualified service technician can use any of the manuals to make changes to the product.



It is the responsibility of the purchasing facility or end user to keep warning instructional labels in accordance with ANSI A156.10.



All electrical wiring work performed must meet local, state, federal and/or other governing agency codes. All electrical troubleshooting or service must be performed by qualified electrical technicians and must comply with all applicable governing agency codes.

CHAPTER 2: SCOPE

SECTION 2.1: 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 end users 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 2.2: Objective

The GT1175 Standard Slide Door system is designed to be installed within a Rough Opening (RO) of a Building. The door function is controlled by the Opus Control. The Opus offers many features to accommodate most installation options. This manual offers step by step instructions on how to assemble, install and fine-tune the GT1175 Fixed Sidelite Sliding Door.



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).

SECTION 2.3: Limited Warranty

NABCO ENTRANCES, INC., for its product line, provides its customers the following limited warranty:

- NABCO ENTRANCES, INC. will exchange or repair, F.O.B. the plant, any component found defective in workmanship and/or material, subject to NABCO's inspection, for a period of 12 months after the date of shipment from NABCO.
- Warranty does not include field service labor. The installation contractor/customer will be responsible for installation and field service. This is NABCO ENTRANCES, INC.'s sole warranty.
- The warranty does not cover loss or damages resulting from causes beyond the manufacturer's control, misuse, neglect, accidents, windstorms, or other acts of God, or acts of terrorism.
- The warranty is for normal use and service. This warranty does not apply to equipment that has been tampered with, repaired, or altered so as to adversely affect conditions of operation.
- Warranty will not obligate NABCO for damages resulting from such alterations, misuse, or acts of God, or acts of terrorism.

If you require additional information, please contact:

Nabco Entrances, Inc.

Technical Services Team

Phone Number: 877-622-2694 Option #3

E-Mail Address: techsupport@nabcoentrances.com

SECTION 2.4: Gaining access into the “myNABCO” Portal

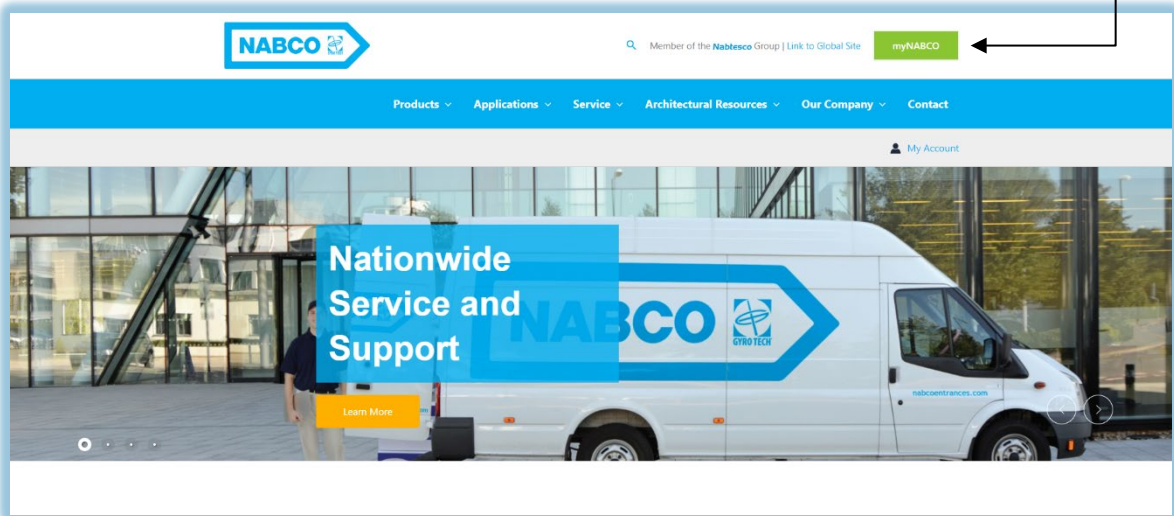
2.4.1 Email and Password

This is for **DISTRIBUTOR ACCESS ONLY**

To gain access into the “myNABCO” portal, the **Distributor** must first have an assigned Email and Password.

To request an Email and Password, the following must be done:

1. Open the NABCO Website: www.nabcoentrances.com
2. Click on the “myNABCO” button (**Green Button**)



3. Click on the “Register” button (see below)
4. A form appears.

A screenshot of the NABCO website registration form. The form is located on the left side of the page, under the 'Products' section. It includes fields for 'Username or E-mail' and 'Password', a checkbox for 'Keep me signed in', and a blue 'Register' button. A 'Forgot your password?' link is at the bottom. An arrow from the text 'Click on the Register button' points to the 'Register' button.

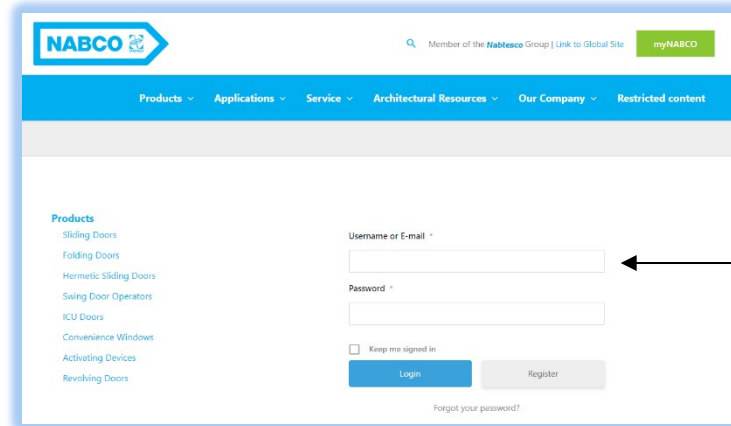
5. Complete the form.
 - a. Enter a username, first name, last name, email address and chosen password/verify it, AND then click on the blue **Register** button.
6. A confirmation will be sent back to the **Distributor** verifying the registration.

7. Use the confirmed username and password to Login.

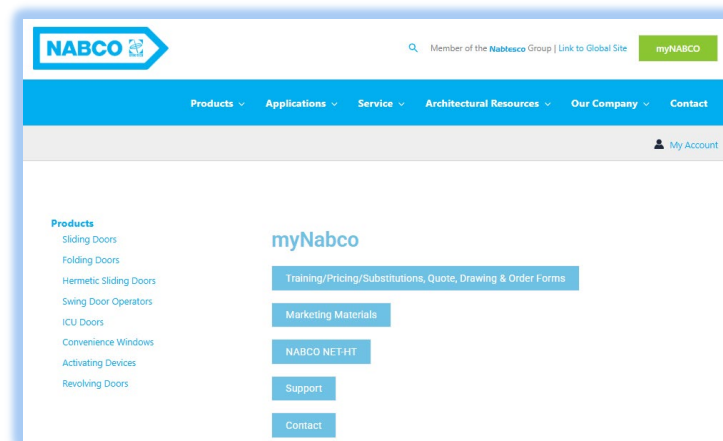
2.4.2 Accessing Installation, Wiring and Programming Manuals

For User convenience there are now (2) ways to obtain associated Installation, Wiring and Programming Manuals:

- ▶ All Associated Manuals are packed within Decal Packets that are placed inside the Header.
- ▶ For Electronic copies please Login: **www.nabcoentrances.com** → **myNABCO portal**→**LOGIN**.



- ▶ The screen below appears once you are logged in.
- ▶ Navigate to the information needed.



2.4.3 Obtaining Associated Manuals, Cut Sheets and Shop Drawings

- ▶ Secure Cut Sheets, Pick Lists and Shop Drawings from your Project Coordinator or General Contractor and review them.

SECTION 2.5: Access to Other Information and Associated Links

2.5.1 Locating Service Part pages

- ▶ Service Parts are located at the end of this manual; this is for your reference ONLY.
- ▶ *Service parts can ONLY be ordered by an **Authorized Distributor** or **Branch**.*
- ▶ *If questions*, please call NABCO Entrances Technical Service at 1-877-622-2694, Option 3, between 7 am – 5:30 pm Central Time for additional assistance.

2.5.2 Links to Service Parts pages in this manual

Click on the link below to be taken to the appropriate Service Parts Page OR see the back of the manual:

[Service Parts: RH Kit P/N A-00402; LH Kit P/N A-00403](#)
[Service Parts: Header Assembly](#)
[Service Parts: Fixed Sidelite](#)
[Service Parts: Fixed Sidelite Left Hand](#)
[Service Parts: Fixed Sidelite Right Hand](#)
[Service Parts: Slide Door for Fixed Sidelite](#)
[Service Parts: Slide Door for Fixed Sidelite Left Hand](#)
[Service Parts: Slide Door for Fixed Sidelite Right Hand](#)
[Service Parts: Glass Stops and Transom Hardware](#)

CHAPTER 3: PREPARE and ORGANIZE

SECTION 3.1: Associated Manuals, Cut Sheets and Shop Drawings

For User convenience there are now (2) ways to obtain associated Installation, Wiring and Programming Manuals:

- ▶ All Associated Manuals are packed within Decal Packets that are placed inside the Header.
- ▶ For Electronic copies please log onto: www.nabcoentrances.com → **myNABCO portal**.

Secure Cut Sheets, Pick Lists and Shop Drawings from your Project Coordinator or General Contractor and review them.

SECTION 3.2: Inspect Rough Opening (RO)

Ensure the RO is the correct size.

- ▶ The width of the RO should equal: **PACKAGE WIDTH + 1/4 INCH ON EACH SIDE**
- ▶ The height of the RO should equal: **PACKAGE HEIGHT + 1/4 INCH**

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

Ensure the floor is level across the entire opening. If threshold is used, check it across the door opening. Look for bumps, expansion joints and protrusions; anything that would inhibit the threshold from lying flat.

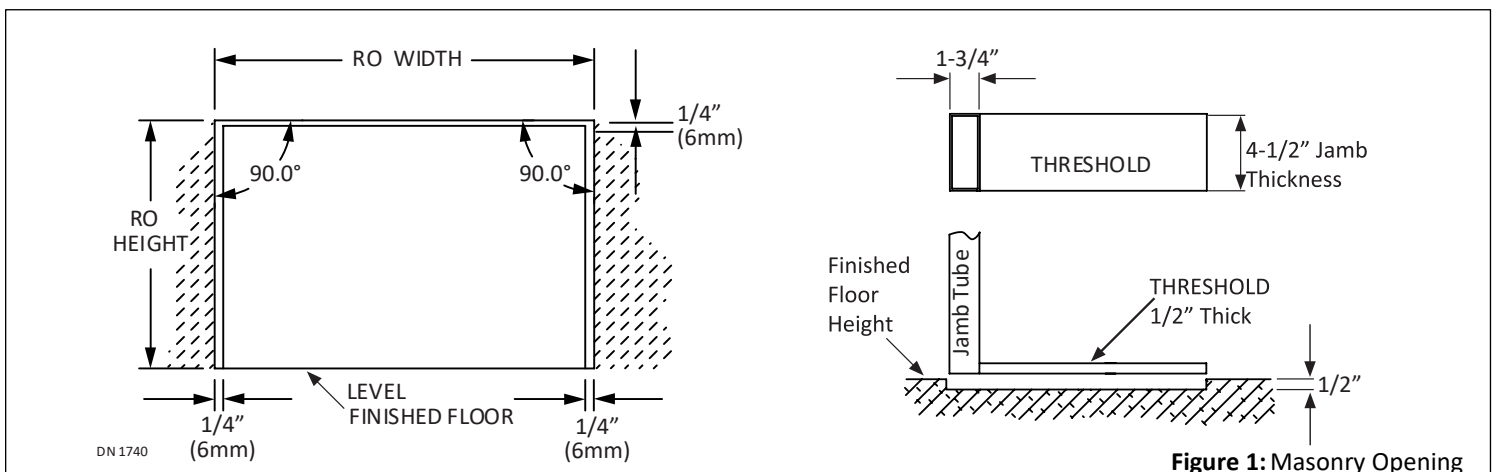


Figure 1: Masonry Opening

NOTICE

Typical Fixed Sidelite Units are installed without a Threshold.

- ▶ If the Package is ordered with a Threshold under the Jambs, the Threshold should be installed, leveled and anchored **prior to** "Chapter 4 Initial Assembly".

- ▶ If the Package is ordered with a Threshold between the jambs, the Threshold should be installed, leveled and anchored **prior to** Section 5 “Secondary Assembly (Doors Closing)”.
- ▶ If the Package is ordered with a Threshold in the Door Opening/CDO, the Threshold should be installed, leveled and anchored **prior to** Section 6.2 “Stroke Learn and Tune In”.

SECTION 3.3: Tool List

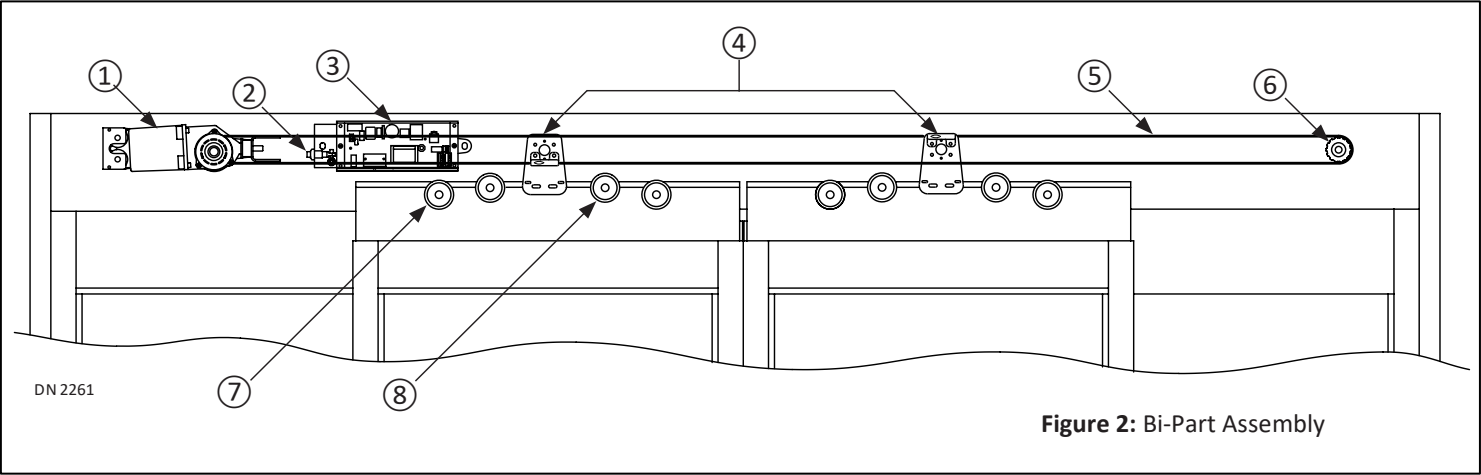
- 5' LEVEL or larger
- Tape-Measure
- Chalk Line
- Shim-Stack Shims
- Cedar Shake Shims
- Pry-Bar
- Hammer and Rubber Mallet
- Razor Blade or Utility Knife
- Side-Cutters
- 3/8ths, 7/16ths, 1/2inch, 9/16ths, 11/16ths, and 15/16ths Wrenches
- Complete Set of Standard & Metric Allen Wrenches
- 3/16ths, 1/4 inch and 5/16ths Masonry Drills
- Complete Drill Index
- 12" Aircraft Drills 3/16ths and 1/4 inch
- Hole Saw Kit or a variety of Step-Down Bits
- 6" Clamps or larger
- Drill Gun with Rotary-hammer capability and/or Impact Gun
- 6" Apex Bit(s)
- Wire-Strippers
- Meter, reading Voltage, Resistance and Continuity
- Electrical Tape
- 3/32nd Straight Screwdriver, for OPUS terminations
- #2 and #3 Phillips Screwdrivers
- Sawhorses
- Traffic Cones and/or Caution Tape
- Bin with SPARE Screws (for both Wood and Metal), Washers, Nuts, Lock Nuts, Wire-Nuts, Rowels, 4-Conductor Wire, Drill Bits, Self-Drilling/Tapping Screws and Bit Extension Tools (i.e., Counter sinks, 3/8ths Nut Drivers, Spare Screw tips, etc.)
- Broom & Dustpan and/or Vacuum
- Drop Chain or Fish Tape
- Pencil or Marker
- Door Pressure Gauge for AAADM Inspection

SECTION 3.4: Header and Frame Components

Open kitted boxes and inspect the Header/Frame components and set them onto Sawhorses.

- Are they correctly handed and colored?
- Are they the correct lengths?
- Is there a Transom?

Visualize the COMPLETED unit and review the following drawing (Bi-Part shown):



1	VS 150 Operator	V-00914	5	Timing Belt 3/4" wide	V-00917
2	Power Harness w/Switch	M-02042	6	Idler Assembly	A-01419
3	Opus Control Assembly	A-01418	7	Hanger Roller	A-00162
4	Belt Clip Assembly	See Header Service Parts Page	8	Anti Rise Roller	A-00812

SECTION 3.5: **Locate Power and Shut Off Circuit Breaker**



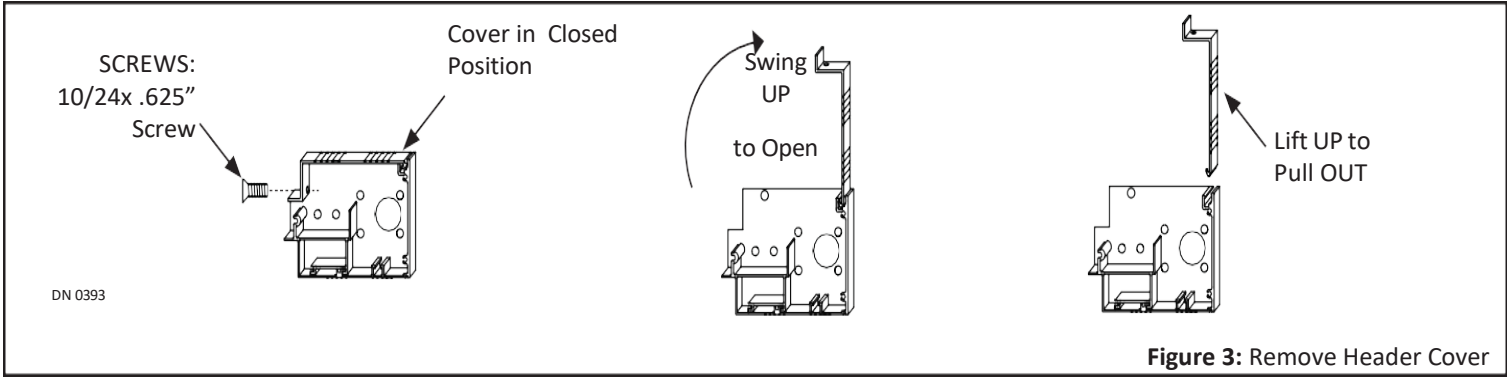
Shut the installation site branch Circuit Breaker OFF. Failure to do so may result in serious personal or fatal injury. When uncertain whether power supply is disconnected, always verify using a voltmeter.

All high voltage electrical connections must be made by licensed electricians according to National and Local electrical codes/regulations.

CHAPTER 4: **INITIAL ASSEMBLY (Sawhorse and Rough-In Assembly)**

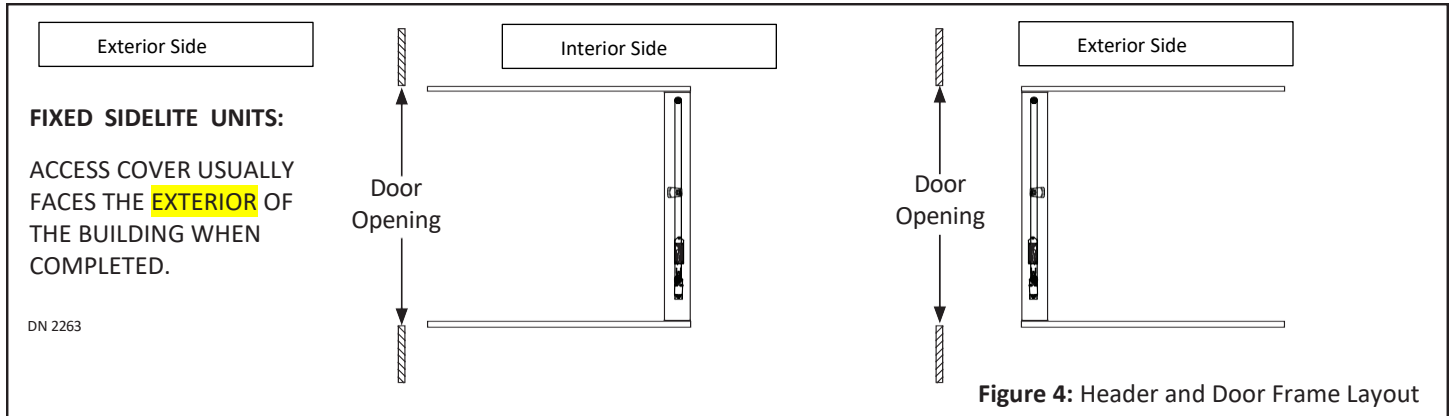
SECTION 4.1: **Prepare the Header and Door Frame**

- 1. Remove all 10-24 x .625 screws. Remove Access Cover from Header by swinging it up to 90 degrees and then pulling it out.
- 2. Unplug the Sensor Harness (if equipped). Remove Parts and Decal Packages from inside Header.
- 3. Mount Sensor onto Cover, connect Sensor harness and set cover aside.
- 4. Orient the Header, if able, so that the “cover side” will face the exterior of the building when completed. If building the unit with a transom, the same concept applies.

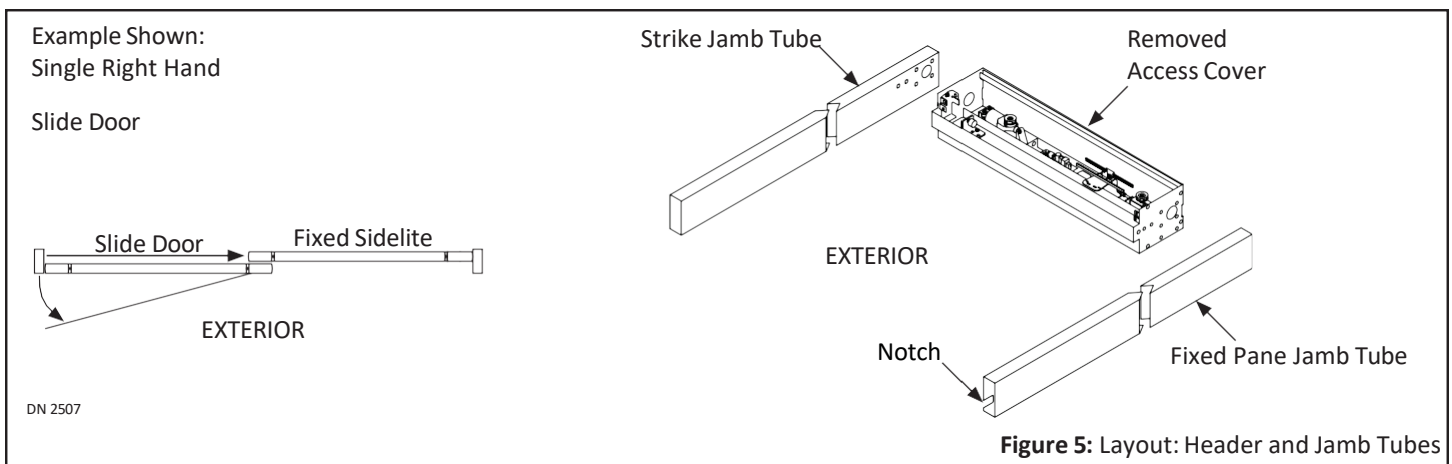


- Place the Header on Sawhorses or a flat surface so the side of Header with the removed Access Cover is facing "Up". If possible, orient your assembly either way that's shown below.

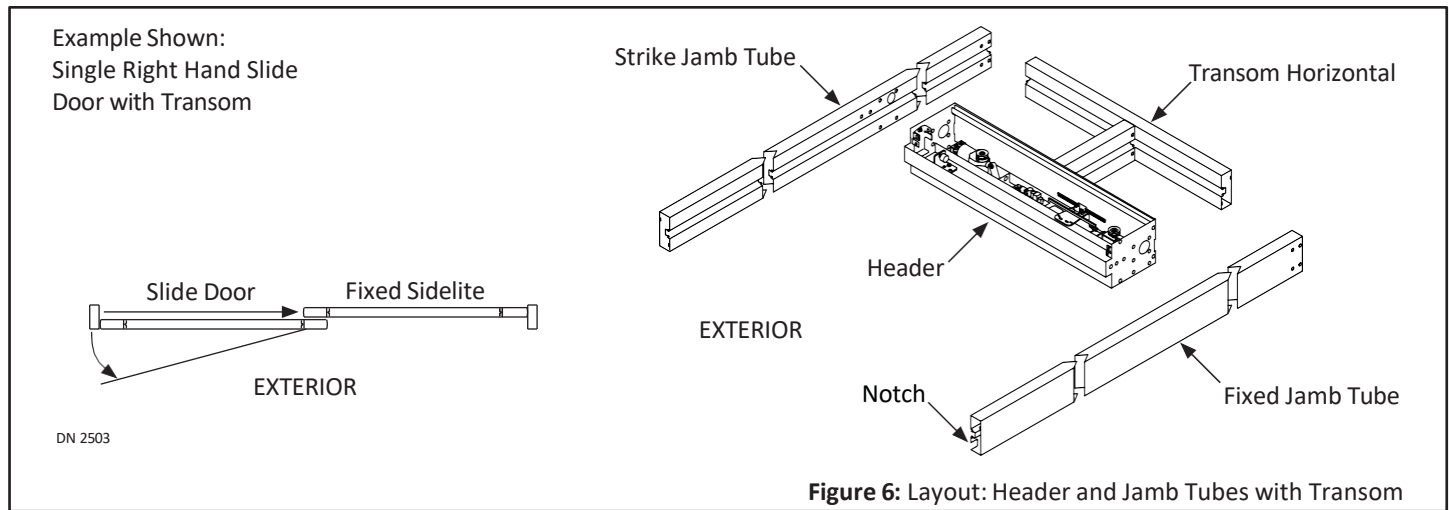
NOTE: Instruction stickers are adhered to each Jamb Tube showing proper location and orientation.



- Lay down the Fixed Side Jamb Tube next to the Pivot Side of Header, so the Notch at the bottom is facing inside the Door Frame and be "Down" towards the floor. Note diagram at the top of the next page.
(The Notch is used to allow the Roller Wheel to partially enter it, so the Slide Door can fully open.)
- Lay down the Strike Jamb Tube so the inside face is next to the Strike Side of Header.
- Align pre-drilled screw holes located on Jamb Tubes with End Caps of Header.

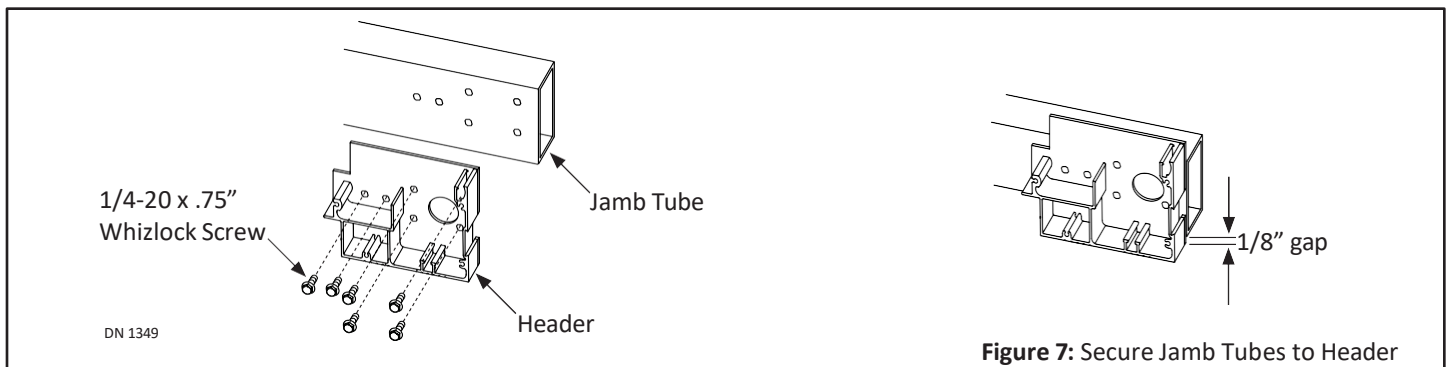


Layout With Transom is also shown



SECTION 4.2: Secure the Jamb Tubes to the Header

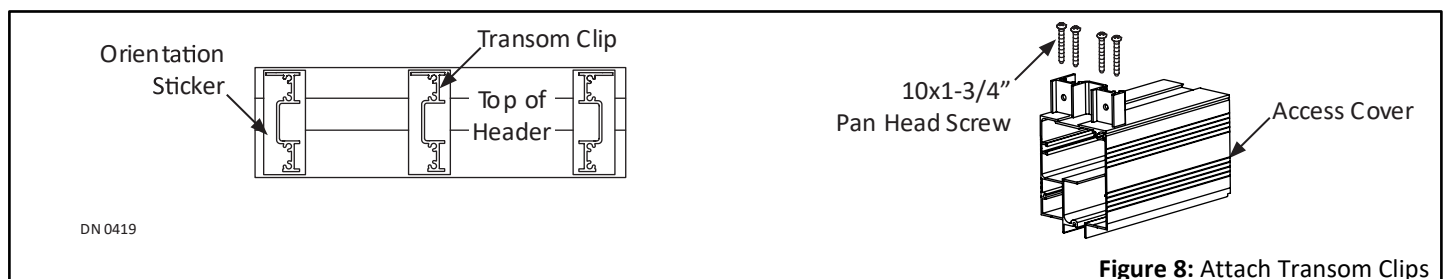
1. Secure the Header to each Jamb Tube with (6) ¼-20 x .75" 3/8" drive Whizlock screws.
 - a. If installed correctly there will be a 1/8" gap between the bottom of Jamb Tubes and the flat surface of the Header.



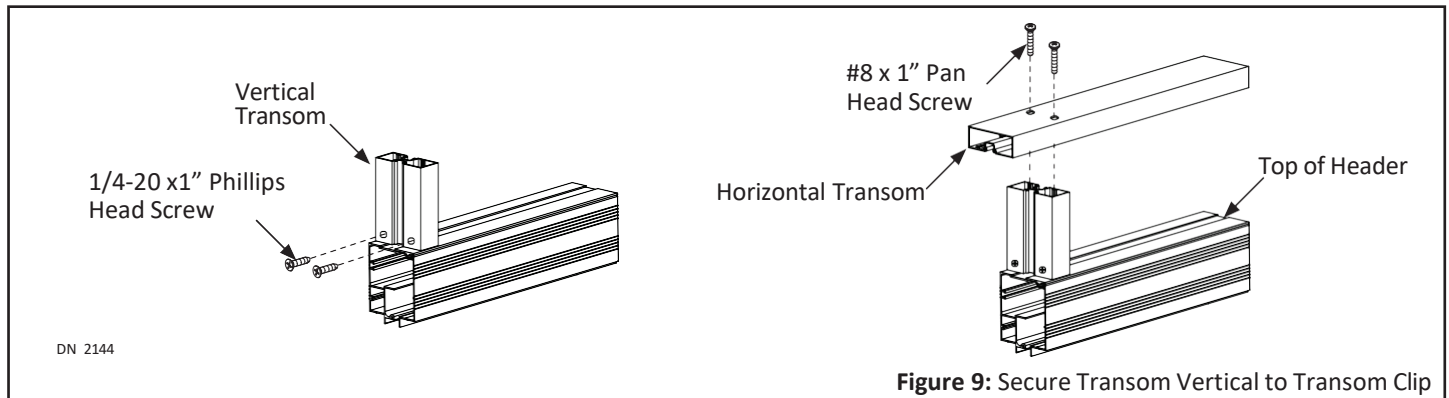
If Transom Unit, Secure the Transom to the Header and Jamb Tubes:

NOTE: For a Door Frame/Transom assembly that is over 11 feet (132 inches) tall, please call Customer Service (1-877 622-2694 Option #1) to SPECIAL ORDER a reinforced Transom with Tie Rods.

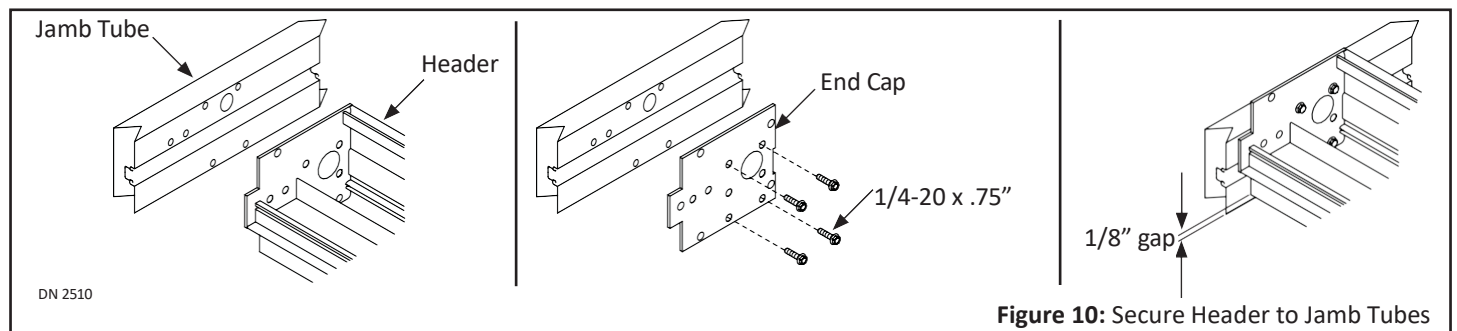
1. Place the Header on a flat surface. Align the Transom clips to the pre-drilled holes on top.
2. Secure Transom Clips to Header with #10 x 1-3/4" Phillips Pan Head screws.
 - a. Please refer to the orientation sticker located on the Header for proper location and orientation of clip(s).



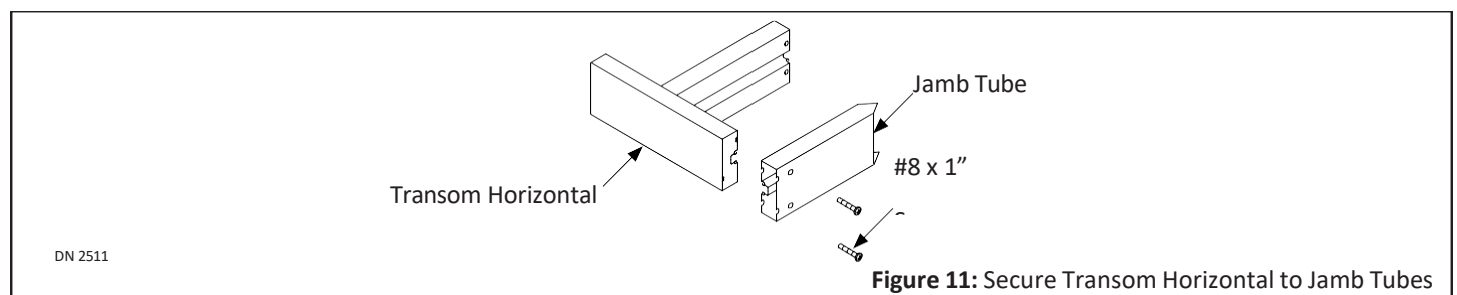
3. Secure (1) Transom Vertical to each Transom Clip with 1/4-20 x 1" Flat Head screws.
4. Secure the Transom Horizontal onto the Transom Verticals with #8 x 1" Pan Head screw.



5. 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" gap between the bottom of Jamb Tubes and the flat surface of the Header.



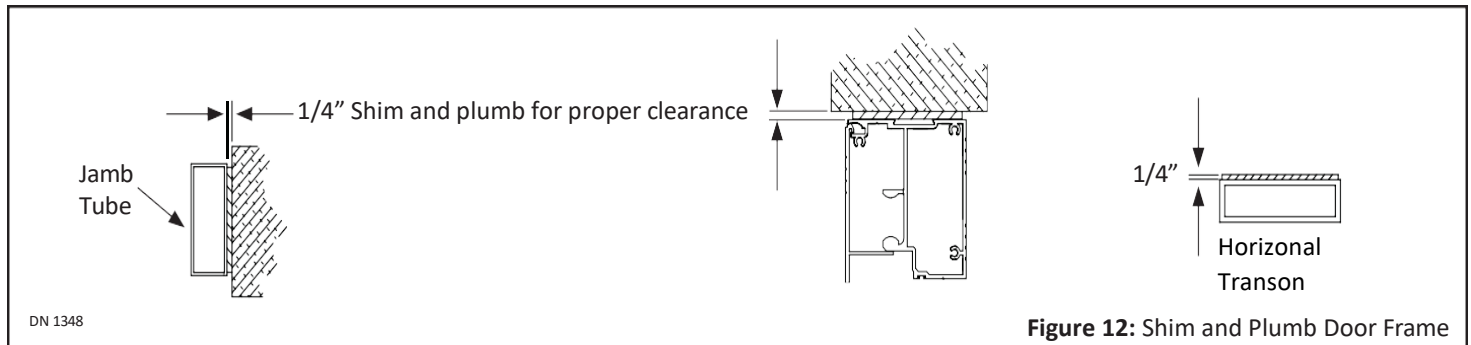
6. Secure each Jamb Tube to the Transom Horizontal with (2) #8 x 1" Screws.



SECTION 4.3: Install the Door Frame into the RO

1. Be prepared to route the Power Whip and any Access Control Wiring into the header. Provide holes in the Assembled Frame if the Whips do not line up with the holes provided in the jamb tube(s).
2. Lift and tilt assembled Frame into the RO, being mindful of Power and Access Control wires.

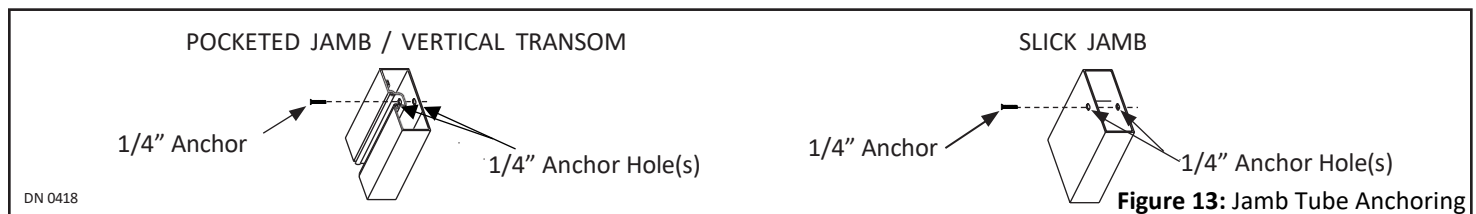
- Shim both Jamb Tubes in place at/or near the Header. Plumb the Header to make certain that the floor is level. Add shims between the Jamb Tubes and floor as needed.



- Once determined where the unit will sit in the RO, pin the tops of the Jamb Tubes at about 78" off of the finished floor.
- Plumb the Jamb Tubes completely and shim/pin the bottoms at about 6" off of the finished floor.
- Finalize straightness by anchoring Jamb Tubes at about 43" off of the finished floor, ensuring that the Jamb Tubes can be butted up to any straight edge with no gaps showing in the middle.
- Finalize rigidity by anchoring Header or Transom Horizontal whenever necessary. It is recommended that every GT1175 have at least one top anchor point, and that any unit measuring larger than 8 feet (96") wide has at least 2 top anchor points.

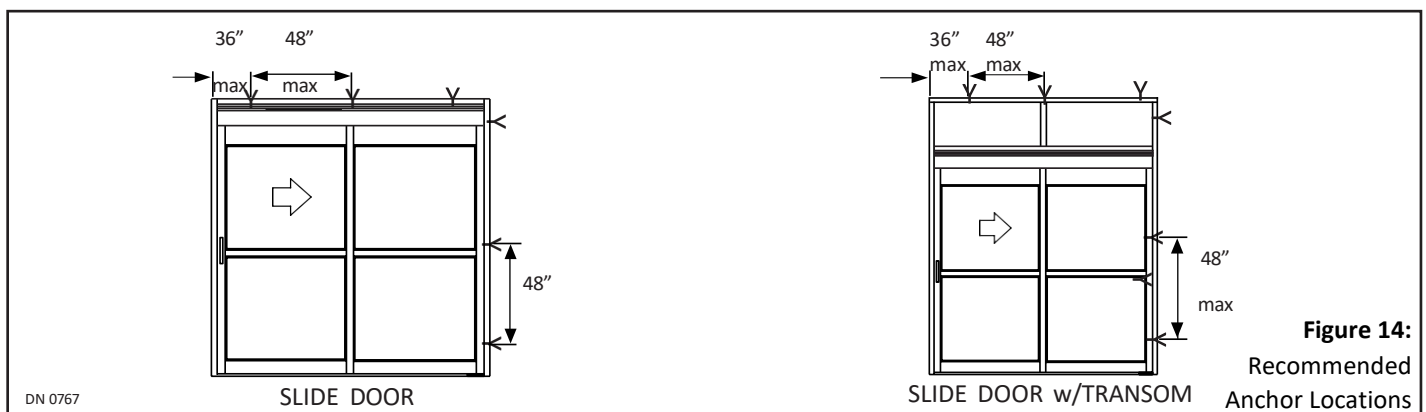
Helpful Hints:

- Anchor Screws ARE NOT provided by NABCO.
- Anchor Screws must be appropriate for the type of structure being fastened to.
- NOTES:**
 - It is recommended to countersink holes as required to flush the surface.
 - It is recommended to drill tap threads for 1/4" anchors in a steel or aluminum structure.
 - Do not overtighten anchors to prevent deforming Jamb Tubes.



- Use 1/4" diameter anchors with a minimum of 3 per vertical Jamb Tube (6", 42", 78") with a maximum distance between being 48" on center.
- Drill 1/4" diameter holes in the face of Jamb and then countersink each hole to maintain a flat, smooth surface.

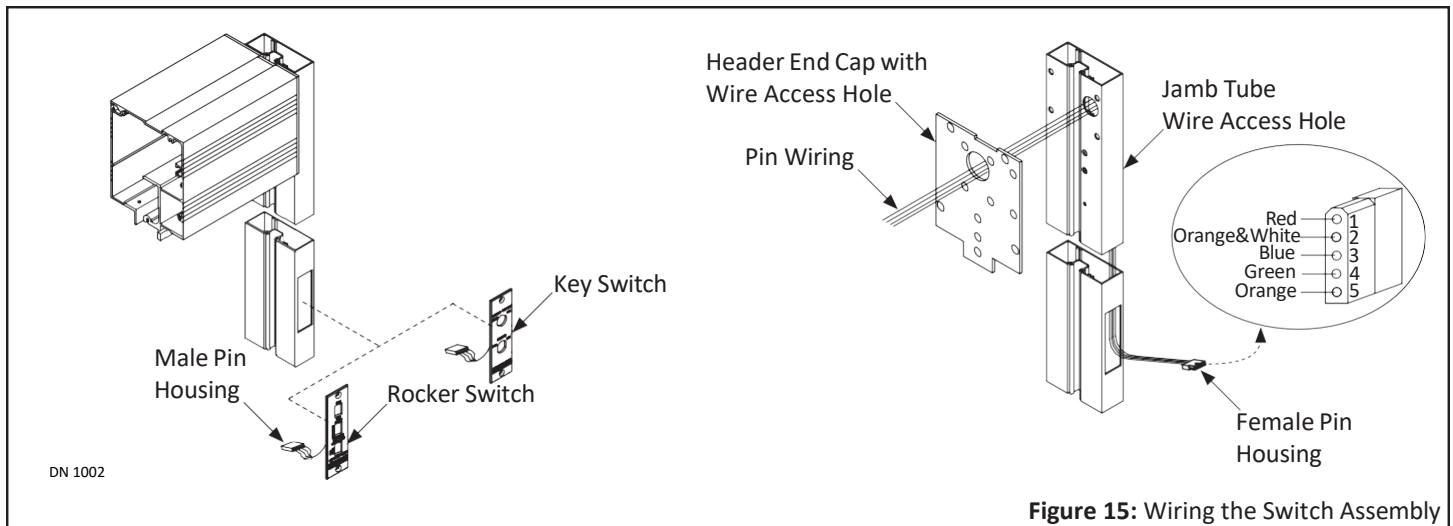
NOTE: If equipped with a Pocketed Jamb, snap in Pocket Filler at this time.



- To prevent Header sag, use 1/4" diameter anchors with a maximum distance between being 48" on center.
- Drill 1/4" diameter holes inside the top of Header, or Transom Horizontal if equipped with a Transom.

SECTION 4.4: WIRE the ROCKER/KEY SWITCH and SENSORS

1. Go inside the Header. Locate the Pin wiring that is attached to the Opus 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) plastic 5 Circuit Pin Connector from the Parts Box. Insert each Pin into the 5 Circuit Pin Connector accordingly:
 - 1 = Red
 - 2 = Orange and White
 - 3 = Blue
 - 4 = Green
 - 5 = Orange
5. Obtain (1) Switch Assembly and (2) 10-32 x 1/2" 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. Secure the Switch Assembly to the Jamb Tube with (2) 10-32 x 1/2" Screws.



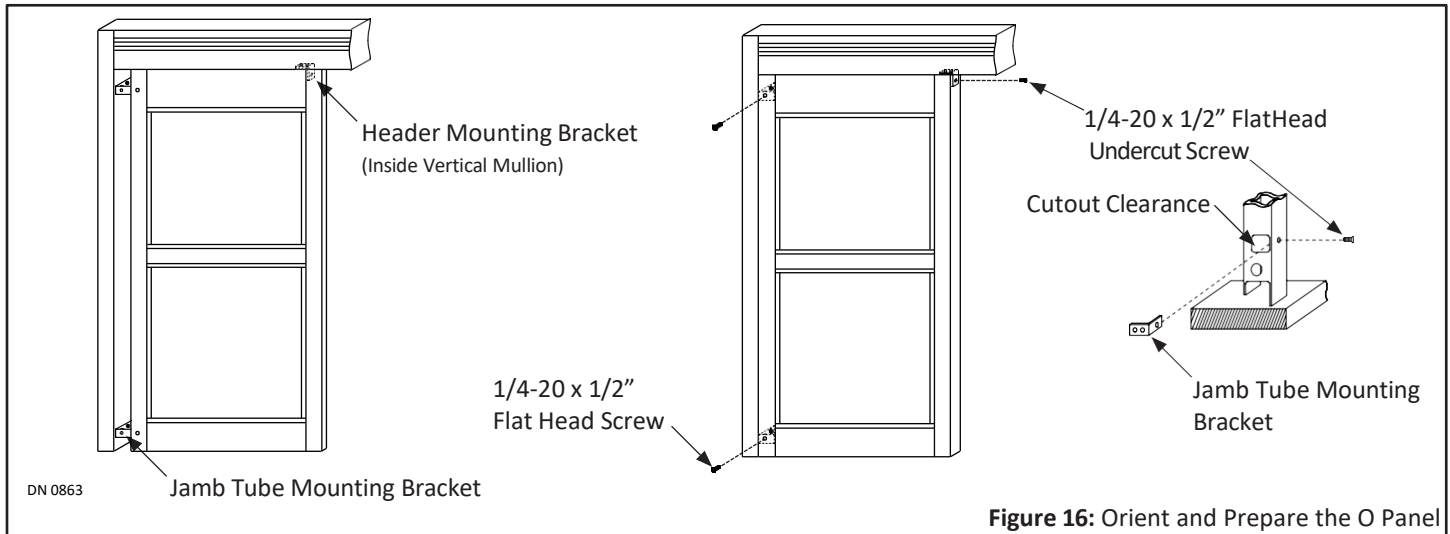
8. Mount your last Sensor on the Header using screws provided in Sensor Box. The mating Harness for the Sensor will be inside of the Header at the Sensor Hole. A Zip Tie has been added to the Harness for ease of withdrawal.
9. Reinstall Header Access Cover and connect the Sensor Harness. Do not secure Cover with 10-24 x .625 screws at this time, as the cover will need to be articulated 'out of the way' at times, until Section 6.3, End Processes.

CHAPTER 5: SECONDARY ASSEMBLY (“Doors Closing Assy”)

SECTION 5.1: Secure the FIXED SIDELITE (O) Panel to the Frame

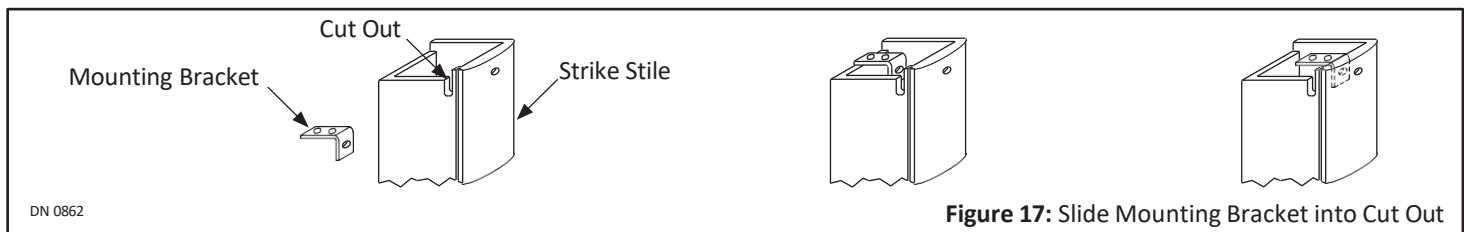
5.1.1 Orient and Prepare the O Panel(s):

- Locate the two Cut Outs at the Fixed Stile of the O Panel and orient them next to the two Brackets fastened to the Fixed Side Jamb Tube of Frame.
- Attach Connectors for Beam Wires and Breakout Wires from the O Panel to the Header. Repeat if installing a Bi-Part.



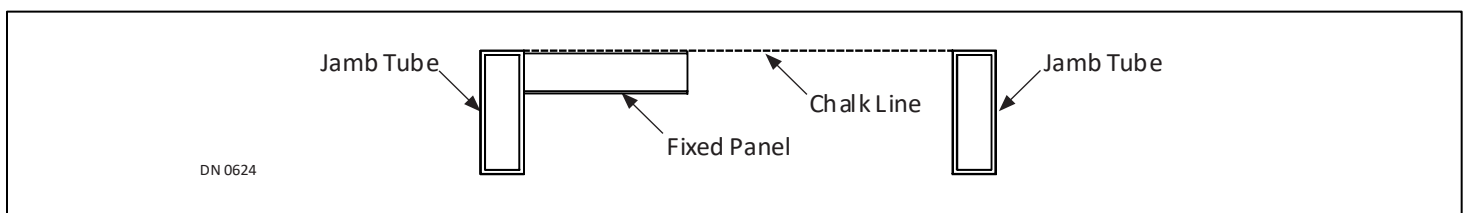
5.1.2 Secure the O Panel flush to the Fixed Jamb Tube:

- Slide the O Panel over the 2 Brackets on the Fixed Jamb Tube while being mindful of the Wiring Connections at the top.
- Locate the cut out at the top of Strike Stile and align the O Panel until the mounting bracket (pre-installed under the Bottom Lip of Header) can be seated inside the cut out.
- Secure with 3pcs. of 1/4x20 x 1/2\" Flat Head Undercut Screws. Repeat at other side if installing a Bi-Part.

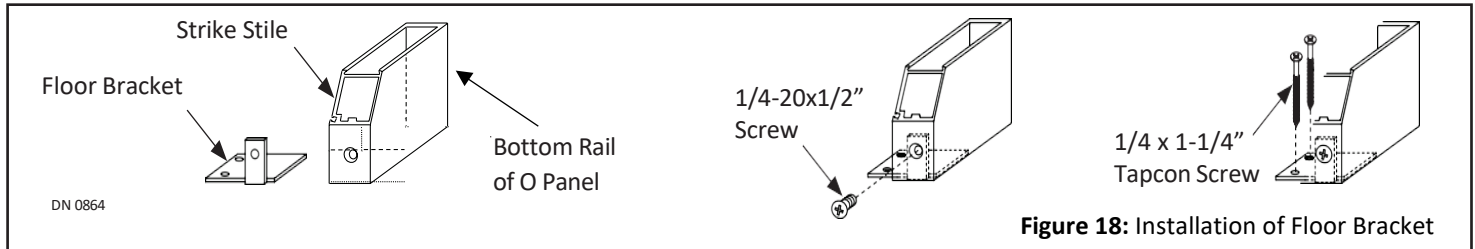


5.1.3 Level O panel and Install Floor Bracket:

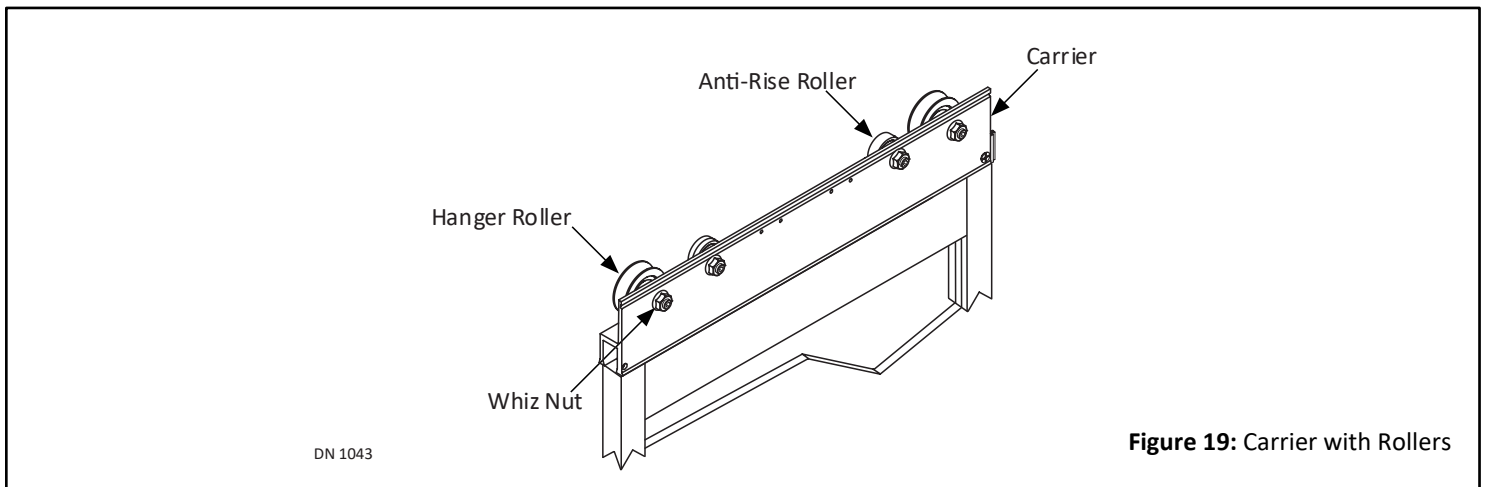
- Snap a chalk line onto the floor from Jamb to Jamb.



- If the Sidelite Panel(s) is equidistant to the chalk line, it is square. Use Level to plumb and confirm.
- Insert the Floor Bracket inside the Bottom Rail of O Panel(s) so the bottom plate portion faces the exterior.
- Secure the upper plate portion of the Floor Bracket to the side of Strike Stile with 1/4-20 x 1/2" Phillips Head screw.
- Secure the Floor Bracket to the floor with (2) #14 x 1-1/4"
- Tapcon screws are provided in the accessory box.
- Repeat if installing a Bi-Part.

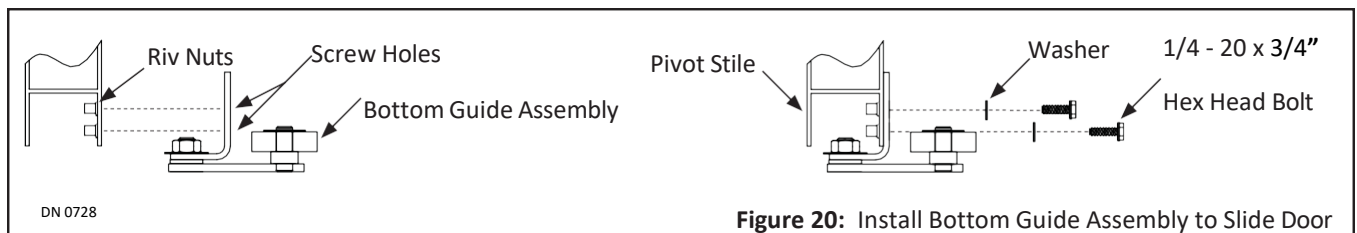


SECTION 5.2: Secure the Sliding Door Panel (SX) to Header and into the O Panel



5.2.1 Prepare the SX on Sawhorses:

- Insert 7/32" Allen wrench into the exposed end of the Hanger Roller Axle and hold it in place.
- At the same time, loosen the 7/16-20 Whiz Nuts with a 11/16" Open End Wrench.
- Adjust the Hanger Roller Wheels so there is no more than 3/16" sticking up from the top of the Carrier.
- Finger tighten the Whiz Nuts.
- Assemble the FS Bottom Guide Assy(s) onto the bottom of the SX Panel(s) using 2pcs. of 7/16" drive 1/4-20 x 3/4" Bolts WITH the lock washers provided.



5.2.2 Maneuver SX Panel into Place:

- Lift the SX Panel, being mindful of the weight of the carrier at the top, and maneuver perpendicularly towards the bottom rail of the O Panel.
- Insert the Bottom Guide Assembly into the hole on the bottom of the O Panel Strike Style, ensuring that both guide wheels are completely inside the track that runs along the bottom of the Bottom Rail.
- Maneuver the SX Panel “closed,” or parallel to the Header and insert the Top Rollers onto the track of the Header.
- Repeat process on the other side for a Bi-Parting Unit.

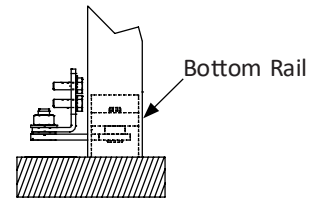
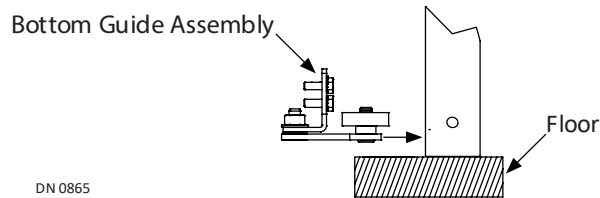
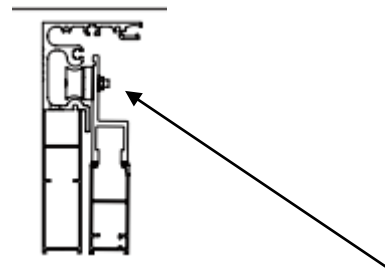
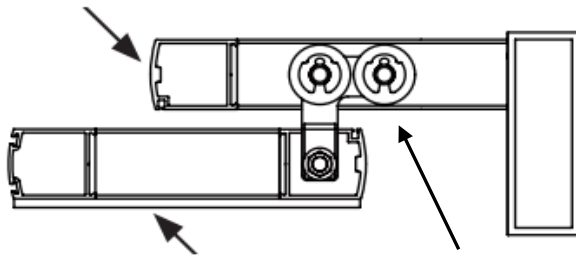


Figure 21: Install bottom Guide Assembly to Slide Door

O Panel: NOTE the Track inside the Bottom Rail

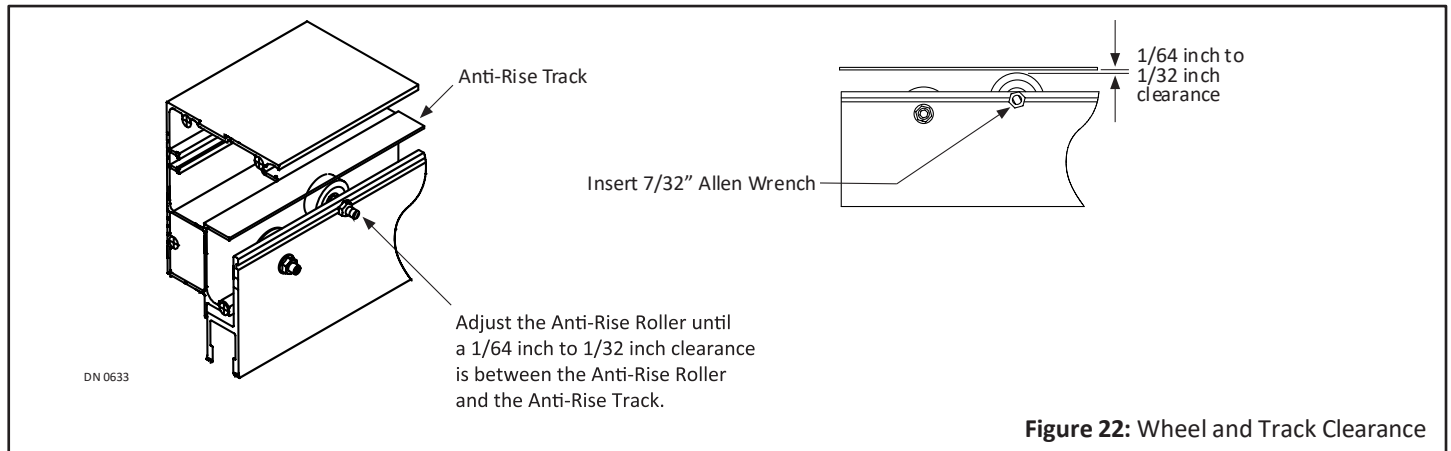


5.2.3 Leveling using Roller Cams:

- Loosen Whiz Nuts (11/16”) at the Hanger Rollers and use a 7/32 Allen Wrench to articulate the Roller Cams, leveling out the SX Panel.
- Ensure that the Strike/Lock Style of SX Panel(s) are level.
- When fully closed, there should be ZERO gap in the weathering from the top all the way down to the bottom of the jamb.
- Tighten Whiz Nuts at Hanger Rollers.

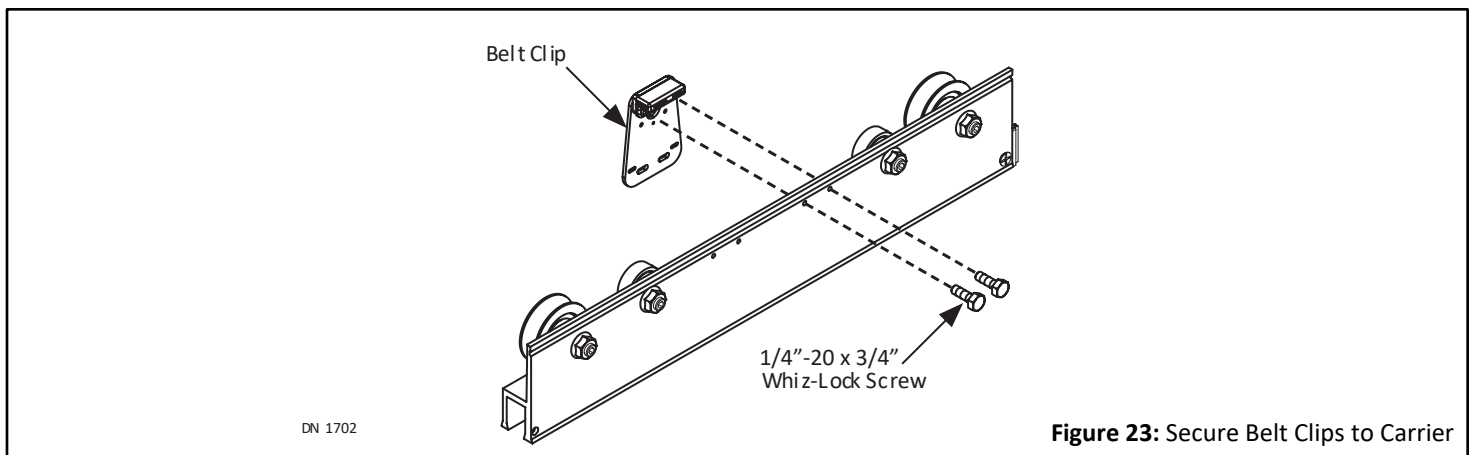
5.2.4 Tighten Anti-Riser Assemblies:

- Loosen Anti-Riser Nuts using 11/16 wrench and use a 7/32 Allen Wrench to articulate the Anti-Riser Roller until it is between 1/64" and 1/32" from the top.
- Tighten the Whiz Nuts and ensure that the SX Panel cannot fall off of the Top Track.
- At this point, close the Cover Plate at bottom of the O Panel Rail and secure with 2pcs. of 1/4 x 20 -0.75" Phillips Head Screws.
- Duplicate on the other side if installing a Bi-Parting Unit.



5.2.5 Secure Slide Door to Belt Clips:

- Secure each Belt Clip to each Carrier with (2) 1/4-20 x 3/4" Whiz-Lock screws.
- If installing a Bi-Part, the Belt Clip on the LH SX Panel should be connected to the top of the Belt.
- The RH SX Panel should be connected to the bottom of the Belt.



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

1. Ensure the Base Glass Stop (Pre-installed at the NABCO Factory) is free of debris and/or sharp objects.
2. Go to the STRIKE side of panel at the TOP.
3. Measure (6) inches across from the Strike End of Top Rail, towards the Pivot Stile. Mark that spot.
4. Measure (6) inches down from the Strike End of Top Rail towards the Bottom Rail. Mark that spot.
5. Go to the PIVOT side of the panel at the BOTTOM.
6. Measure (6) inches across from the Pivot End of Bottom Rail, towards the Strike Stile. Mark that spot.
7. Measure (6) inches up from the Pivot End of Bottom Rail, towards the Top Rail. Mark that spot.
8. For each marked spot, place (1) Setting Block (not provided by NABCO) on top of the Base Glass Stops.
9. Place the Glass Panel on top of the Setting Blocks and up against the Vinyl.
10. Shift the Glass Panel until it is square. Secure the Glass Panel with Snap-In Glass Stops, starting with the Horizontal Stops first.
11. To raise the Door Panel for Door Panels that are not square or sag at the lead edge, increase the thickness of a Setting Block (not provided by NABCO).

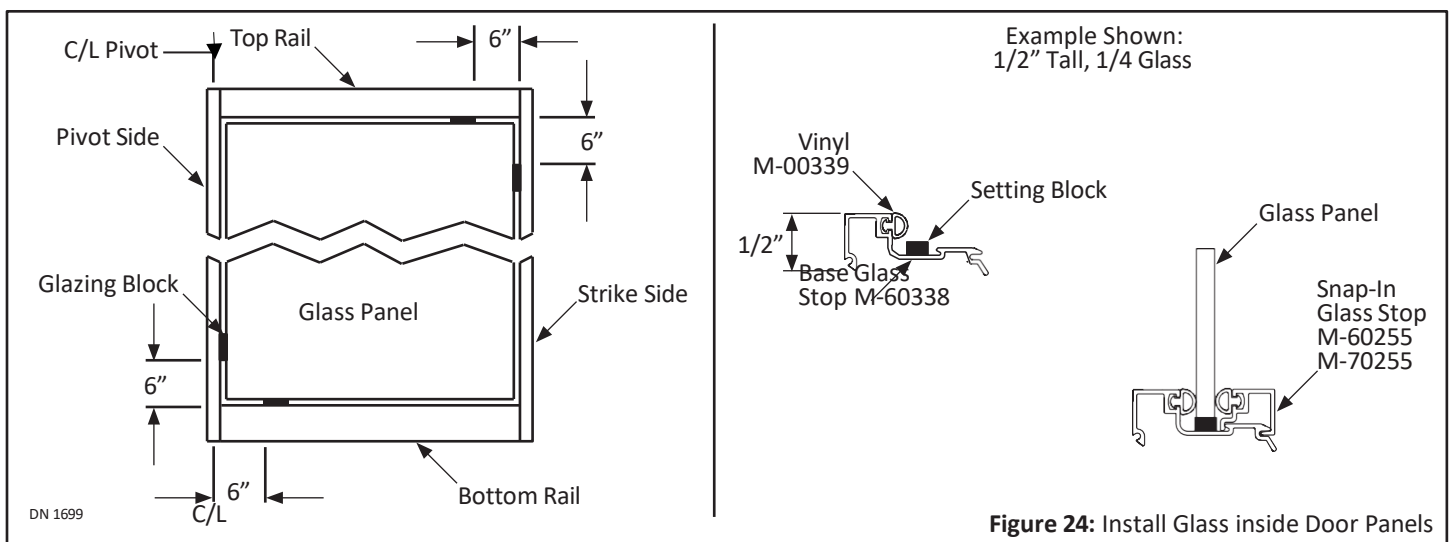


Figure 24: Install Glass inside Door Panels

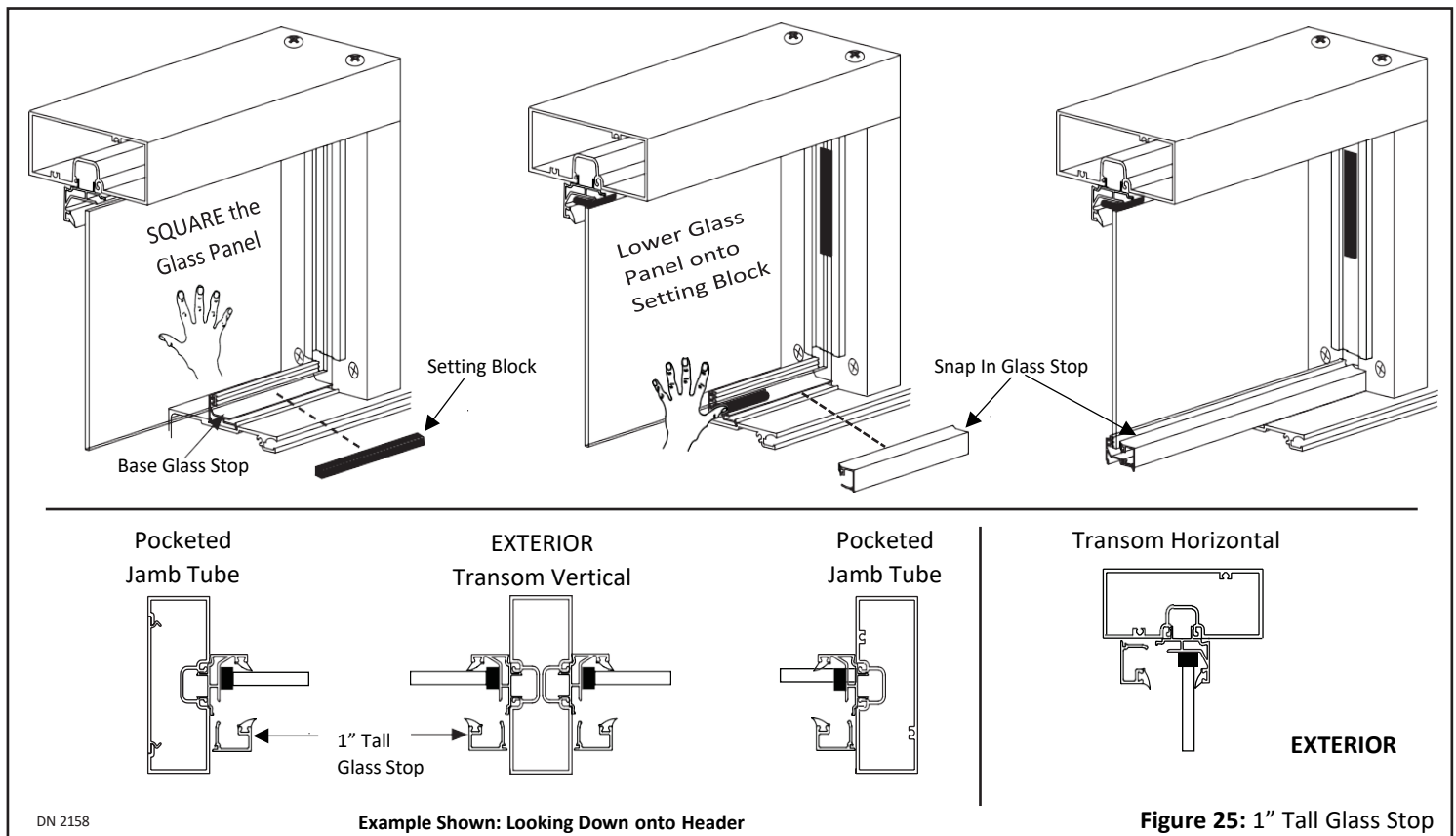
5.3.1 Install Transom Glass (If Required):

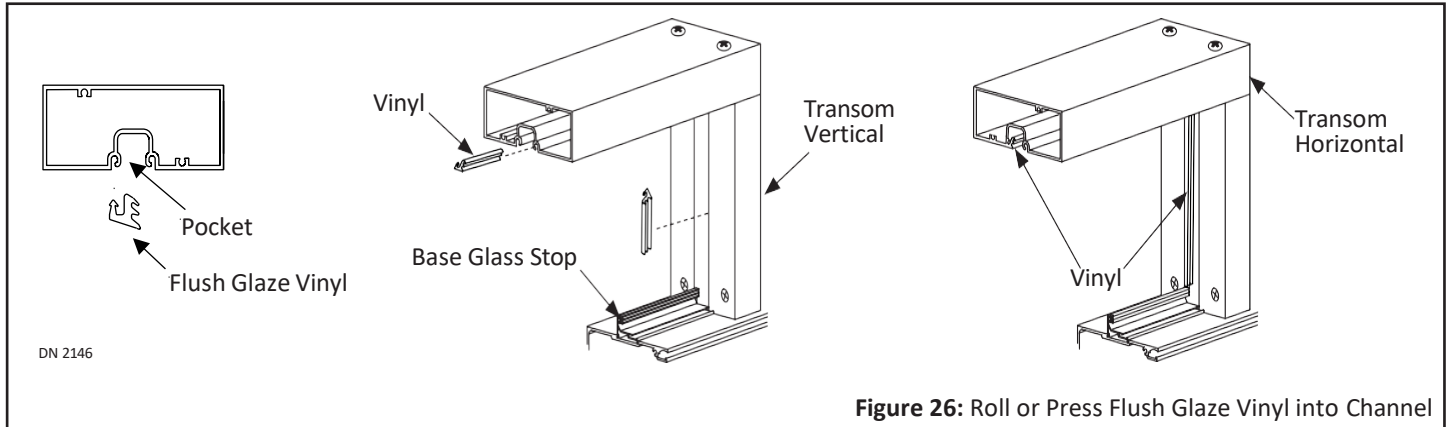
NOTICE

Place Setting Blocks near Jamb Tubes or Transom Verticals for proper weight distribution.

NOTE: Setting Blocks are not provided by NABCO.

- Obtain (1) Glass Panel, multiple Setting Blocks, and Snap-In Glass Stops.
- Simultaneously, insert Glass Panel UP into the Transom Horizontal Pocket and Jamb Tube or Transom Vertical Pocket. Carefully shift the Glass Panel in and out of side pockets until square.
- Hold the Glass Panel in place and go to the Header. Place Setting Block on top of the Base Stop.
- Carefully lower the Glass Panel onto the Setting Block. Snap Glass Stop into the Base Glass Stop to secure the assembly.
- Go to the Transom Horizontal. Place (1) Setting Block between the Base Glass Stop and Transom Horizontal. Snap in (1) Glass Stop into the Base Glass Stop to secure the assembly. Repeat as necessary.
- Repeat all of these steps for multiple Transom Glass Panels.

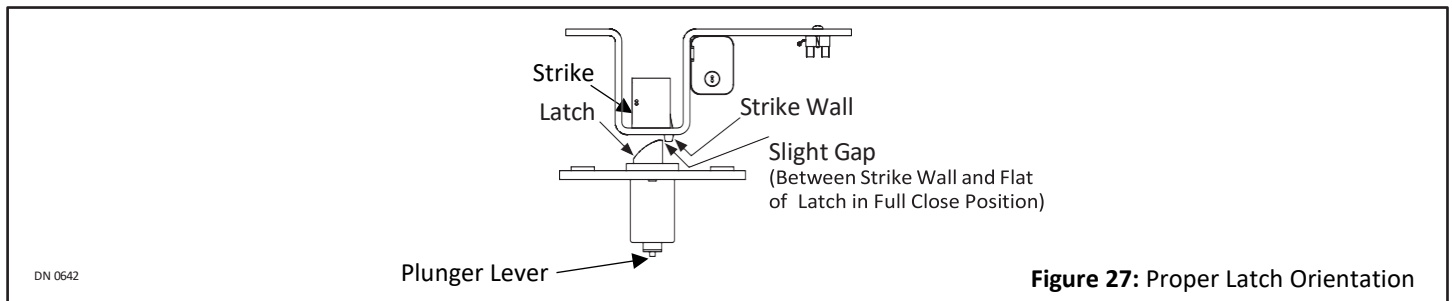




SECTION 5.4: Check the Locking Mechanism

1. If the Unit was equipped with an Electric Latch Lock Assembly, ensure that the Latch Bolt (on the Carrier Bracket) lines up with the Electric Lock (in the Header) at the FULLY CLOSED POSITION and is oriented so the flat side of the Latch faces the Terminal Strip side of the Electric Lock. The SX Panel(s) should be fully closed with no gaps in the weathering at the leading edge(s).

HELPFUL HINT: The Electric Lock Assy can be unlocked manually by pulling the plunger lever on the Latch Bolt.



2. If the Unit was equipped with a Standard Adams Right MS Lock, ensure that the Hook Bolt (lock flipper) engages and retracts properly in the FULLY CLOSED POSITION with both the Key Cylinder and the Thumbturn (if equipped). Make adjustments to the Cylinders and Lock Rod if needed.

CHAPTER 6: END PROCESSES

SECTION 6.1: Final Adjustments

1. **Identify if 120VAC is present.** The power switch at the Opus Board should be “ON”, and lights on the Sensors and Beam Board should be on. The display at the Opus board should illuminate and be prepared for Stroke Learn and Tune-In. **DO NOT TUNE IN AT THIS TIME.**
2. **Readjust Level** at the Roller Cams and Anti-Riser Assemblies to compensate for the weight of the glass that was newly installed. Reference Chapter 5, [Section 5.2.3](#) (Leveling Roller Cams) and [5.2.4](#) (Tighten Anti-Riser Assemblies).
3. **Preload or “Rack” SX Panel(s):**

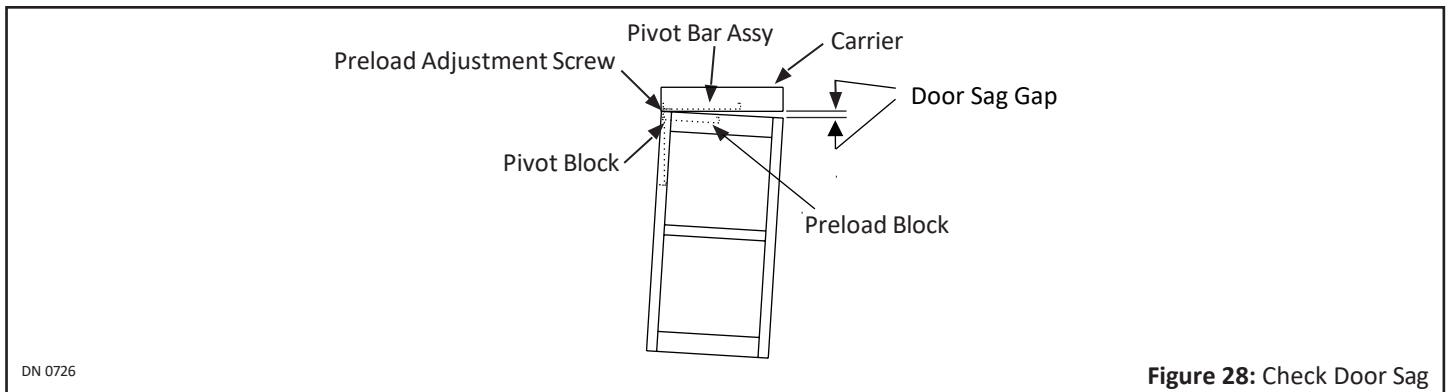


Figure 28: Check Door Sag

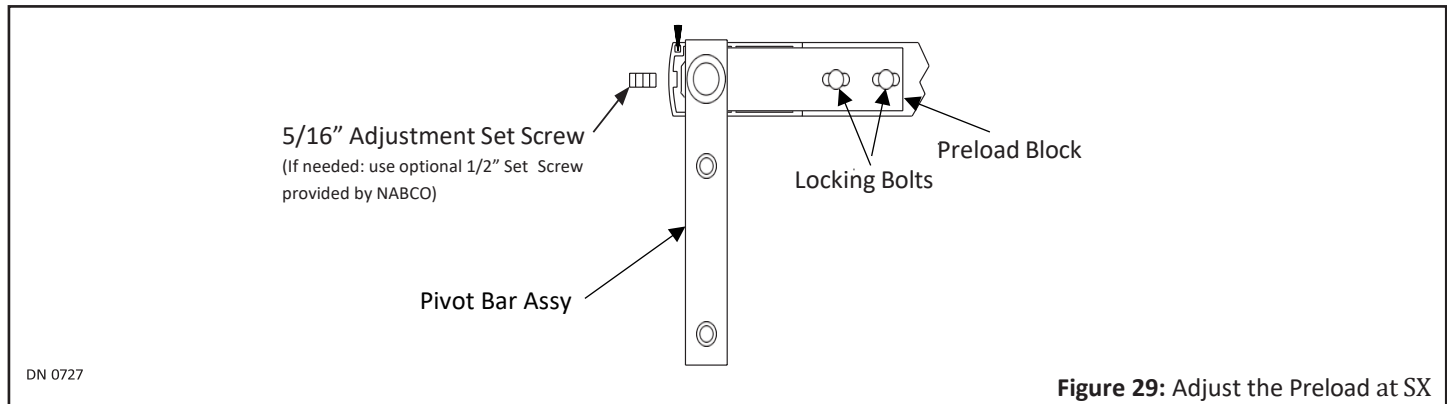
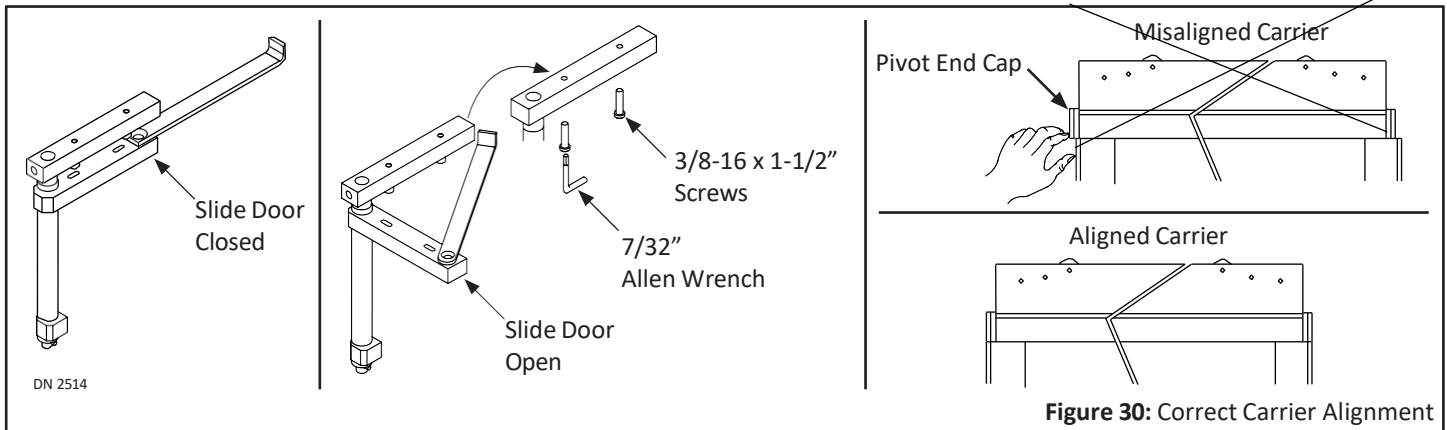


Figure 29: Adjust the Preload at SX

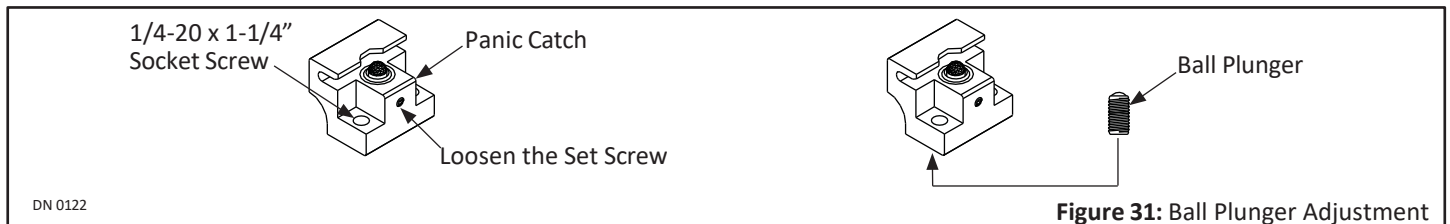
4. Support the weight of SX Panel, then Breakout SX Panel door approximately 25 degrees. Check for door sag. The Slide door should latch without having to be manually lifted.
5. Locate the Preload Block located inside the Top Rail and loosen the 2pcs. of 1/4-20 x 1" Hex Screws used to secure the Carrier Pivot Assembly to the Top Door Web.
6. Locate the top of the Pivot Stile and Adjust Door Sag by tightening the 5/16-24 x 1/2" Set Screw with a 5/32" Allen Wrench. Tightening the Set Screw will raise the Strike Side of the SX Panel.
7. Do Not allow the Adjustment Set Screw to protrude more than 7/32" past the end of stile. Substitute the 5/8" Set Screw with the optional 1/2" Set Screw (in the Parts Box A-00407) if needed.

Align Carrier(s):



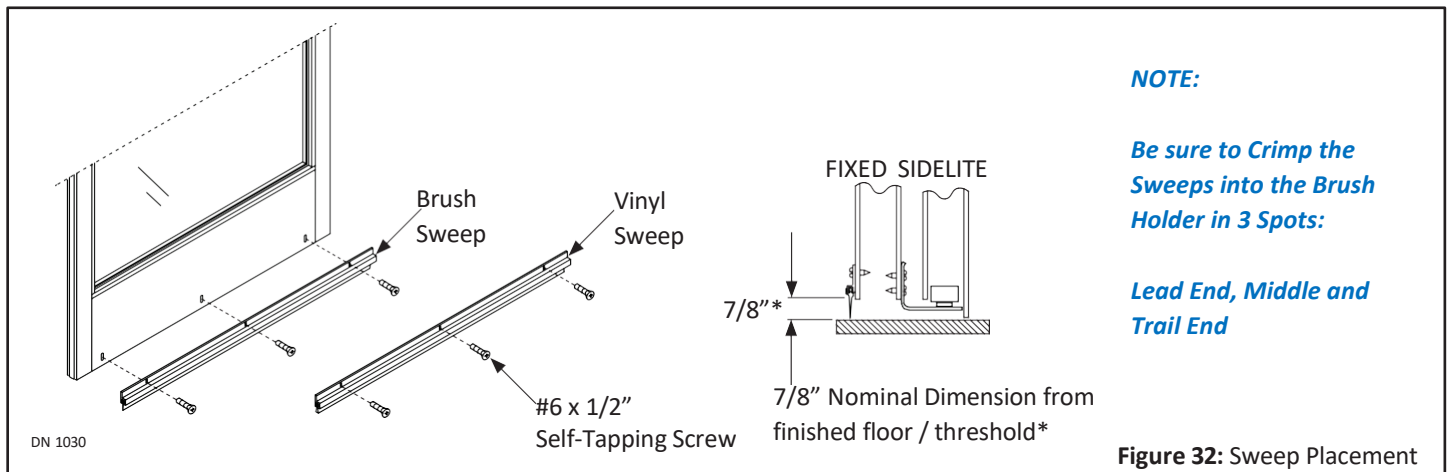
8. Break Open the Slide Door. Locate the Pivot Assembly inside the Carrier.
9. Loosen (2) 3/8-16 x 1-1/2" Screws securing the Pivot Assembly to the Carrier.
10. Slide the Carrier Bar to the left or right, until the Slide Door is aligned to the Carrier. Tighten (2) 3/8-16 x 1-1/2" Screws.
11. Verify that the Upper Panic Catch inside the Carrier is still aligned to the Lower Panic Catch inside the Door Web. If an adjustment is deemed necessary:
12. Locate the Upper Panic Catch and loosen (2) 5/16-18 x 1.25" Set Screws.
13. Slide the Upper Panic Catch to the right or to the left until it is aligned to the Lower Panic Catch. Tighten Set Screws.

Adjust Plunge at Panic Catch Assembly(s):



14. Breakout the SX Panel. Remove the Panic Catch Assembly in the Top Rail (closest to the Strike Stile).
15. Loosen the Set screw that is located in front of the Panic Catch.
16. Raise or lower the Ball Plunger underneath the Ball Detent Assembly to adjust tension height.
17. The Ball Plunger must be adjusted for proper breakout resistance to meet ANSI A156.10 code (50lbs. of force or less) and/or local code. NOTE: Use minimal engagement if Panic Hardware is used.
18. Tighten the Set Screw and secure the Panic Catch Assembly inside the Top Rail with 2pcs. 1/4-20 x 1-1/4" Socket Head screws.
19. Repeat as necessary if a Bi-Parting Unit.

Install Sweep(s) to SX Panel(s):



SECTION 6.2: Stroke Learn and Tune-In

1. Clear the Area near the Door of Debris and Moving Objects.
2. Cordon off the Area near the Door from Foot Traffic during testing. Use Traffic Cones and/or Caution Tape if necessary.
3. Refer to Nabco OPUS Slide Wire & Program Manual C-00391, associated Safety Sensor Manuals and the ANSI/BHMA A156.10 Standard to perform Stroke-Learn and Tuning Functions to any Fixed Sidelite 1175 Slider.
4. CONFIRM with End User, Building Owner, or General Contractor how the door is to be used. Re-tune the 1175 Slider if necessary to perform as needed.

SECTION 6.3: Perform Safety Checks and Apply Signage

1. Ensure Header Cover has been closed and properly secured with 2pcs. 10-24 x 0.625" screws.
2. Ensure all other hardware and Safety Sensors are properly secured.
3. Ensure the Rocker Switch or Key Switch is set to "ON".
4. Check the motion of the SX Panel(s); panel(s) should slide freely without interruption.
5. Test Emergency Break Out. In Break Out mode, the door must not activate.
6. Test for proper operation in One-Way, Two-Way, Night Mode, and Reduced Open Mode.
7. Apply Decals and Signage. Please refer to P/N C-00109 "GT1175 Slide Door Owner's Manual" inside the Decal Packet. Chapter 9 provides locations of all Safety Signage.
8. Clean the doors, header, and frame. Inspect the area around the Door. The floor should be clean with no loose parts.
9. If required, perform AAADM Inspection per BHMA/ANSI 156.10
10. Perform Walk-Through and Daily Safety Check with End User, Building Owner, or General Contractor. Complete and get signatures for all Paperwork, Documentation, Job Completion Sheets, and vendor required forms. Take pictures of the GT1175 from the Interior and Exterior for documentation purposes.

CHAPTER 7: QUICK INSTALLATION PROCEDURE - GT1175 FIXED SIDELITE UNIT (POISE)

SECTION 7.1: Prepare

1. Read the updated Installation Instructions and corresponding OPUS Wiring and Programming Manual (C-00391).
2. Have pertinent Shop Drawings, Prints and Tools.
3. Make sure that your cell phone has service.
4. Find your Unloading Zone and/or Parking Area for the day/week.
5. Check the material that Nabco has made to the Prints, double check RO's including WHAT IS GOING ON WITH YOUR FLOOR? Expansion Joints? Where adequate anchorage is?
6. "See" or conceptualize the Installation before you even do anything to the opening
-Is this a Tear-Out as well?
7. Meet (face to face if possible) with the contractor and other important trades to your Install (i.e., Glasshouse, Electrician, Access Control) to coordinate or schedule other work.
8. Get as many answers as to your Installation before you lift a tool or unpackage a box.

SECTION 7.2: Organize

1. Set up your workspace before you remove product from your work vehicle.
2. Bring out Tools, Carts and Sawhorses.
3. Plan for adequate pathways, know where the dumpster is, identify problem areas if in a construction site, identify pathways for paying customers if Install is in a working place of business.
4. Use Construction Cones or Caution Tape to herd traffic.
5. If Glazing, have an area laid out to put your glass down, and an adequate pathway to Install said glass.
6. Always keep your tools, glass stops or other assembly parts within reach.
7. Make certain that your work vehicle is nearby for the tools that you will be needing later.
8. Have adequate power to charge batteries or run Corded Power Tools.
9. Take the time to organize and prepare... you will save time in the end.

SECTION 7.3: Initial Assembly ("Sawhorse" or "Rough-In" Assembly)

1. Use the Sawhorses to assemble and screw-prepare as much as you can of your Automatic Door. Reference this Installation Manual and your Prints/Cut-sheets.
2. Build and screw prep the entire frame and header. Mount sensors/switches and run/punch-down Radio Control Receiver wiring if needed. Run Beam Wires.
3. Utilize this time to assemble and wire as much of the GT1175 Frame as you can at waist level rather than up in the air. Also take this time to prepare holes for the incoming 120VAC Power and Access Control wires. Visualize how the unit is to "Stand UP" or "Get Up" into the opening.
4. **ASK YOURSELF:** Do I need to pull the Power Whip as I'm standing up the frame? Should I pull my lock wires? If Surface Applied, where do I visualize the unit's final mounting place onto the wall? Ask yourself these mundane questions before lifting the systems in place and you will save yourself time, strength, and energy.
 - a. Screw Prep Jamb Tubes from the bottom @ 6", 42", 78" when able.
 - b. Wedge Cedar Shims between the frame and RO to hold it in place, THEN level the unit. Leveling must be done BEFORE anchoring. The jamb tube can easily be jacked up to level out the Head. THEN anchor the top 2 screws.
 - c. Anchor TOP (78") screws first, then BOTTOM (6") screws, then MIDDLE (42") screws. Transom Screws are last in almost all cases.

Initial Assembly for the GT1175 is complete when the frame and header are sturdily anchored and level. This frame should be ready for Door Panels at this point.

Often, when the Initial Assembly is complete, the other building trades will come in to do their work (i.e., 120VAC Power, Caulking, Concrete Pouring, Finish Carpentry).

- ▶ IT IS EXTREMELY IMPORTANT that the wiring and wiring harnesses have ZERO bare ends at the end of Initial Assembly.
- ▶ Power, that is applied to door operators and controls that have open ends, does DAMAGE to Auto Door components that can go unnoticed.
- ▶ Cap all your loose ends with Wire Nuts and make certain that terminations at the OPUS are secure.

SECTION 7.4: Secondary Assembly (“Doors Closing”)

The goal of the secondary assembly is to get your Fixed Sidelite Unit sliding mechanically free of bind and prepare for the final Wiring and Tune-In. Completing the secondary assembly is usually required for a general contractor to lock up a building, provide heating/cooling, and/or allow additional contractors to provide their services. Sidelite(s) and Panel(s) should be completely installed, adjusted to close up tightly, and sliding freely (although it is not critical to have the belt attached to the SX panel at this point). All panels should be glazed. Latches and Locks should be working freely as well. Pivots, Mechanical Hardware, guides/stops should be working in coordination to provide a CLOSURE and SECURITY OF THE BUILDING ENVELOPE when the secondary assembly is completed.

1. Assemble and Level Sidelite Panels FIRST, using a Chalk Line and Level. Be careful with safety beam wiring, and make sure that beam ends and wires are routed properly.
2. THEN assemble and hang SX panel(s), adjusting Top Rollers and Anti-Risers, and gently angling and installing rollers onto the top track.
3. FINALLY, adjust the Anti-Risers and Rollers in concert with the bottom guides to close the SX Panels levelly and without gap at the weathering edge of the Active Style and Latch Jamb.
4. Test your mechanical lock/latch assembly or electric lock inside header and adjust accordingly.
5. Mount the Bottom Bracket at your O Panel.

(If your panels were twisted or slightly out of alignment due to shipping, you can adjust this before the glass is installed by gently prying or bowing the Bottom Rails with your foot in the opposite direction of where the twist is. Glazing the panel, and cross-blocking where necessary, should also help straighten your panel.)

SECTION 7.5: Tool List – Glazing Tools

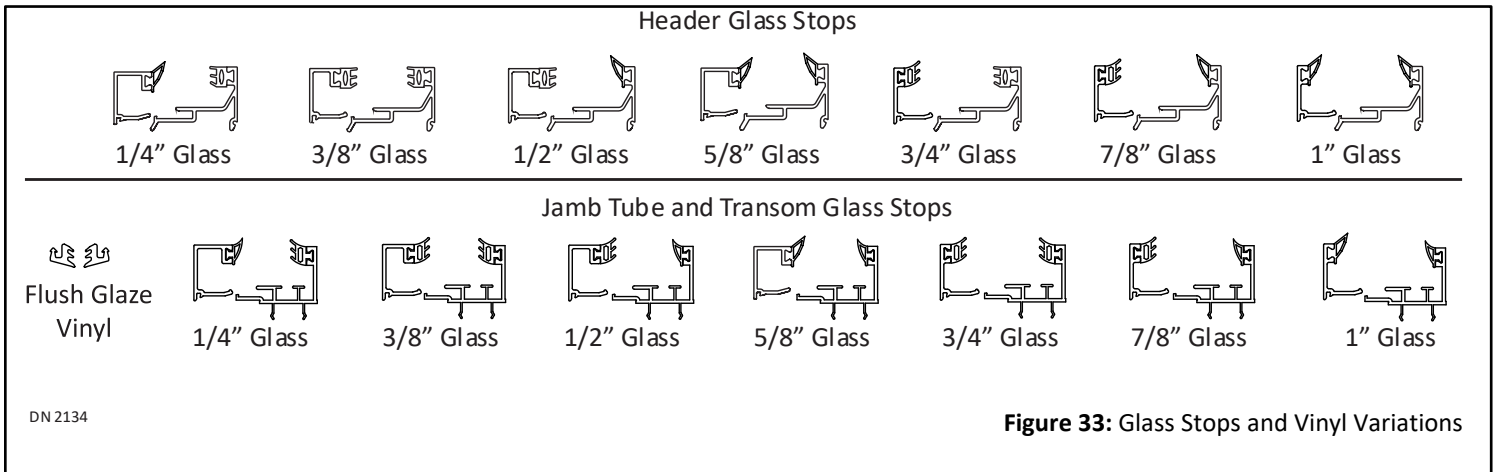
- ▶ Rubber Mallet
 - ▶ Side-Cutters
 - ▶ Glass Cup
 - ▶ Rubber Gloves and Long Sleeves
 - ▶ 1/8th” or larger Glass blocks
 - ▶ Tape Measure
1. If glazing your unit, it is recommended that you have a helper.
 2. FIRST organize your Glass, double check your measurements, and orient your temper marks all in the same direction, usually facing the pivot side(s)
 3. SECOND, pull your glass stops, trim all the rubber gasketing to the correct size, and organize the stops in a way that you know where they need to be installed. While trimming Rubber Gasketing, add required strips of glass block to keep the Glass from touching any metal of the styles/rails. 3/16ths glass blocks are the ideal size.
 4. NEXT, install your Glass (again, orient your temper marks in the same direction) with a Glass Cup onto the bottom rail and gently push into the window opening, making sure that the glass is even side to side AND top to bottom. DO NOT LET GO OF THE GLASS UNTIL YOU HAVE THE TOP **AND** BOTTOM GLASS STOPS SECURED!!

5. FINALLY, secure your glass stops using a Rubber Mallet. Start with the Bottom, then the Top. Then secure the sides.
 - ▶ Secondary Assembly for any GT1175 is complete when the unit can be closed and locked securely, activation and safety sources are securely mounted and wired, and the Access Cover(s) are closed.
 - ▶ Door Panels will be glazed (if glass required).
 - ▶ Generally, after Secondary Assembly is completed, one technician would be able to return to the jobsite at any time to finalize, or commission, the Fixed Sidelite Unit.

SECTION 7.6: **E**nd Processes (“Finalization”, “Commissioning”, “Finish Work”)

1. Finalizing the Automatic Door System starts with identifying if 120VAC Power is present.
2. Power Switches inside the Header and On/Off/HO switches should both be in the “ON” position, lights should be on at the Activation Sources (unless standard push plates), and the Opus Control should be illuminated and ready for Tune-In.
3. A final discussion with the general contractor, building owner or end user should be had to discuss the functionality of the Auto Door System after a Stroke Learn, Tune-In and Cycle Test (Speeds, Access Control, Breakout Function, AAADM Requirements, Daily Safety Check).
4. Once tuned in, the System should be decaled properly, the sweeps should be prepped, assembled, installed, and the final paperwork should be completed and signed off by a contractor or end user.
5. At this time, perform an AAADM Inspection if required to do so by the contractor and/or the end user.
6. It is recommended that pictures are taken after every Final Assembly.
7. This signifies that the Installation has been completed, that the GT1175 meets or exceeds AAADM Requirements (BHMA/ANSIA.156.10) and that the system’s warranty starts.

CHAPTER 8: TRANSOM HELPFUL HINTS:



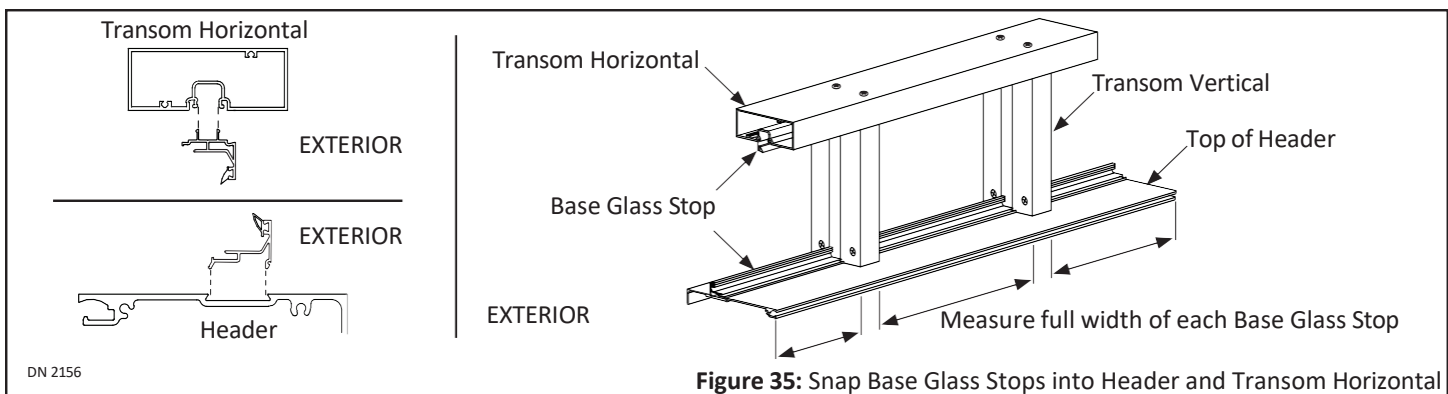
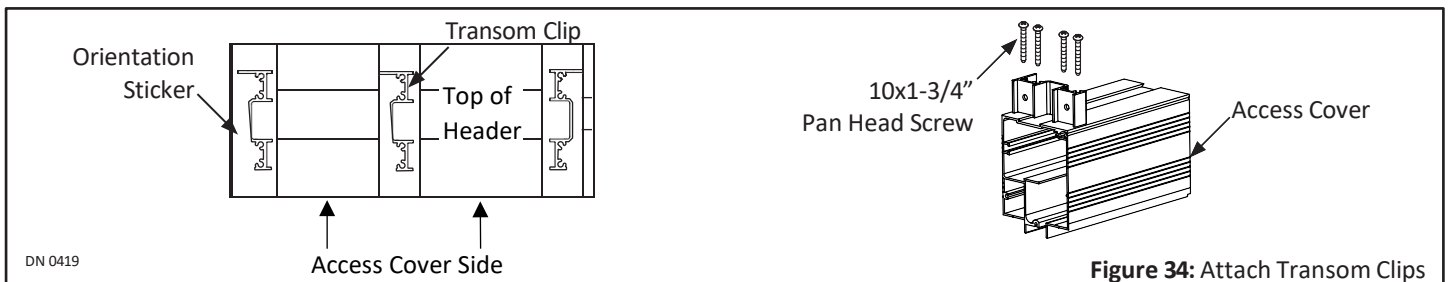
NOTICE

Transom Glass Panels can be installed before or after the Frame is secured to the RO.

NOTICE

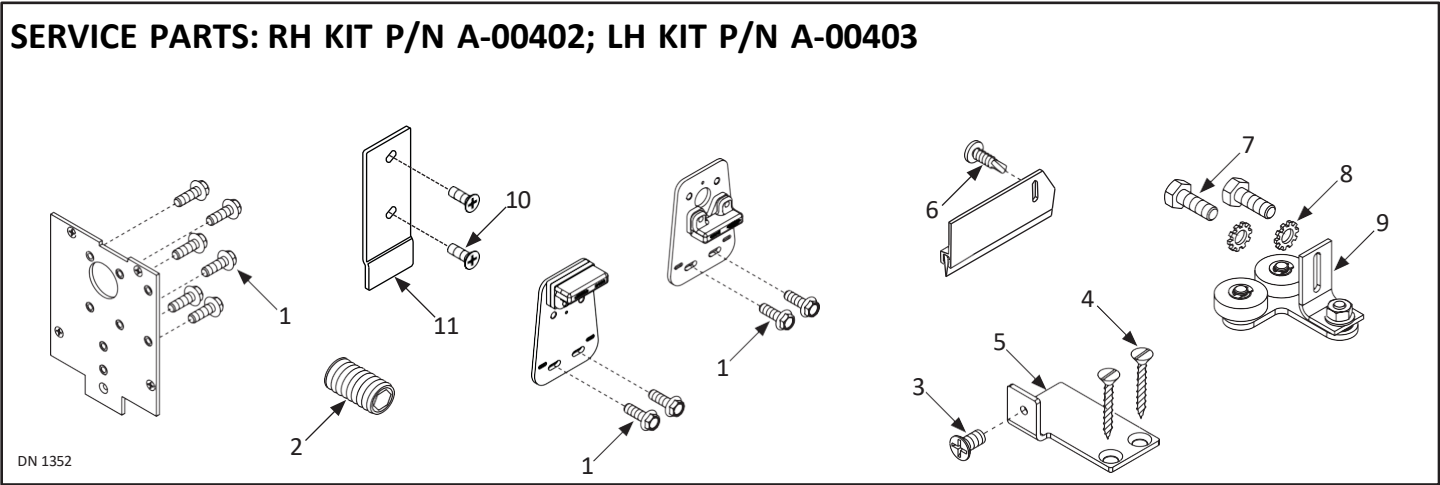
Each Base Glass Stop is precut at the NABCO Factory. Before installing, measure the full width of each Base Glass Stop to determine proper placement.

- Obtain Base Glass Stops used for the Header (P/N M-60250 or P/N M-70250).



- Insert Base Glass Stops inside the Header Channel. Ensure the Tall Back of each Base Glass Stop faces the Interior side of Door Opening (opposite side of Header Cover).
- Obtain Base Glass Stops used for the Transom Horizontal (P/N M-60298 or P/N M-70298).
- Insert Base Glass Stops inside the Pocket underneath the Transom Horizontal.
- Ensure the Tall Back of each Base Glass Stop faces the Interior side of Door Opening.
- Obtain Base Glass Stops used for Jamb Tubes and Transom Verticals (P/N M-60298 or P/N M-70298).
- Insert Base Glass Stops inside the Pockets of Jamb Tubes and Transom Verticals (if any used).

CHAPTER 9: PARTS LIST AND EXPLODED VIEWS:



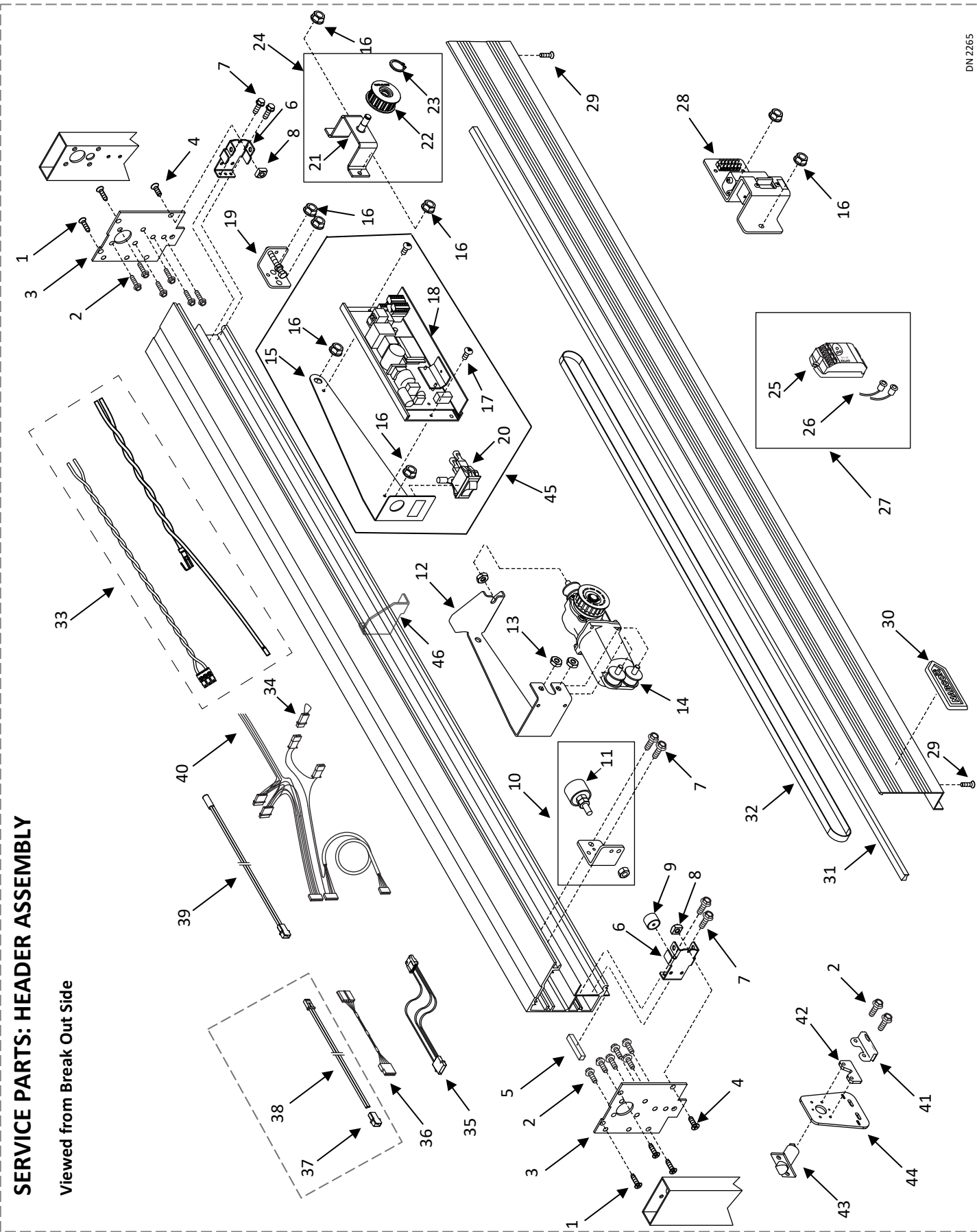
Fixed Sidelite 1175 Parts Kit LH P/N A 00403 and RH P/N A 00402

Item	Part	Note	Description	Qty	Used To
1	T-00010		HHCS,1/4-20x0.750L., WHIZLOCK, ZINC	14	Secure Belt Bracket to Carrier on top of Slide Door AND Secure Header to Jamb Tubes
2	T-00261		SHSS,5/16-24x0.500L., CUP PT.	1	Adjust Preload on Slide Door (at top of Strike Stile)
3	T-00055	Zinc	FHMS,1/4-20x0.500L., PHIL, ZINC	1	Secure Floor Bracket (M-00717) to Strike Stile
	T-00057	Black Zinc	FHMS,1/4-20x0.500L., PHIL, BLK ZN		
4	T-00062		FHMS,1/4x1.250L., PHIL, TAPCON,BLUE	2	Secure Floor Bracket (M-00717) to Floor
5	M-00717		FLOOR BRKT, RHFS	2	Secure Fixed Sidelite to Floor
	M-00710		BRACKET, FLOOR, LHFS		
6	T-00222	Zinc	PHSMS,6x0.500L., PHIL, TEKS, ZINC	4	Secure Brush Holder to Door Panel(s)
	T-00260	Black Zinc	PHSMS, 6x0.500L. PHIL, TEKS, BLK ZN		
7	T-00064		HHCS,1/4-20x0.750L., ZINC	2	Secure Bracket portion of the Bottom Guide to the Pivot Stile located on the Slide Door
8	T-00087		WASHER, LOCK, EXT, 1/4 ID, ZINC	2	Pivot Stile on Slide Door
9	A-00181	RH	BTM GUIDE DOUBLE ROLLER ASM, RH	1	Allow Slide Door to Open/Close. Roller portion is inserted into Bottom of Strike Stile on Fixed Sidelite.
	A-00183	LH	BTM GUIDE DOUBLE ROLLER ASM, LH		
10	T-00015		FHMS,1/4-20x0.750L., PHIL, ZINC	2	Secure the Bottom Guide Cover Plate to the Strike Stile
11	M-00709		COVER, PLATE, BOTTOM GUIDE, FS	1	Provide access for the Bottom Guide

DN 2265

SERVICE PARTS: HEADER ASSEMBLY

Viewed from Break Out Side



Header Assembly

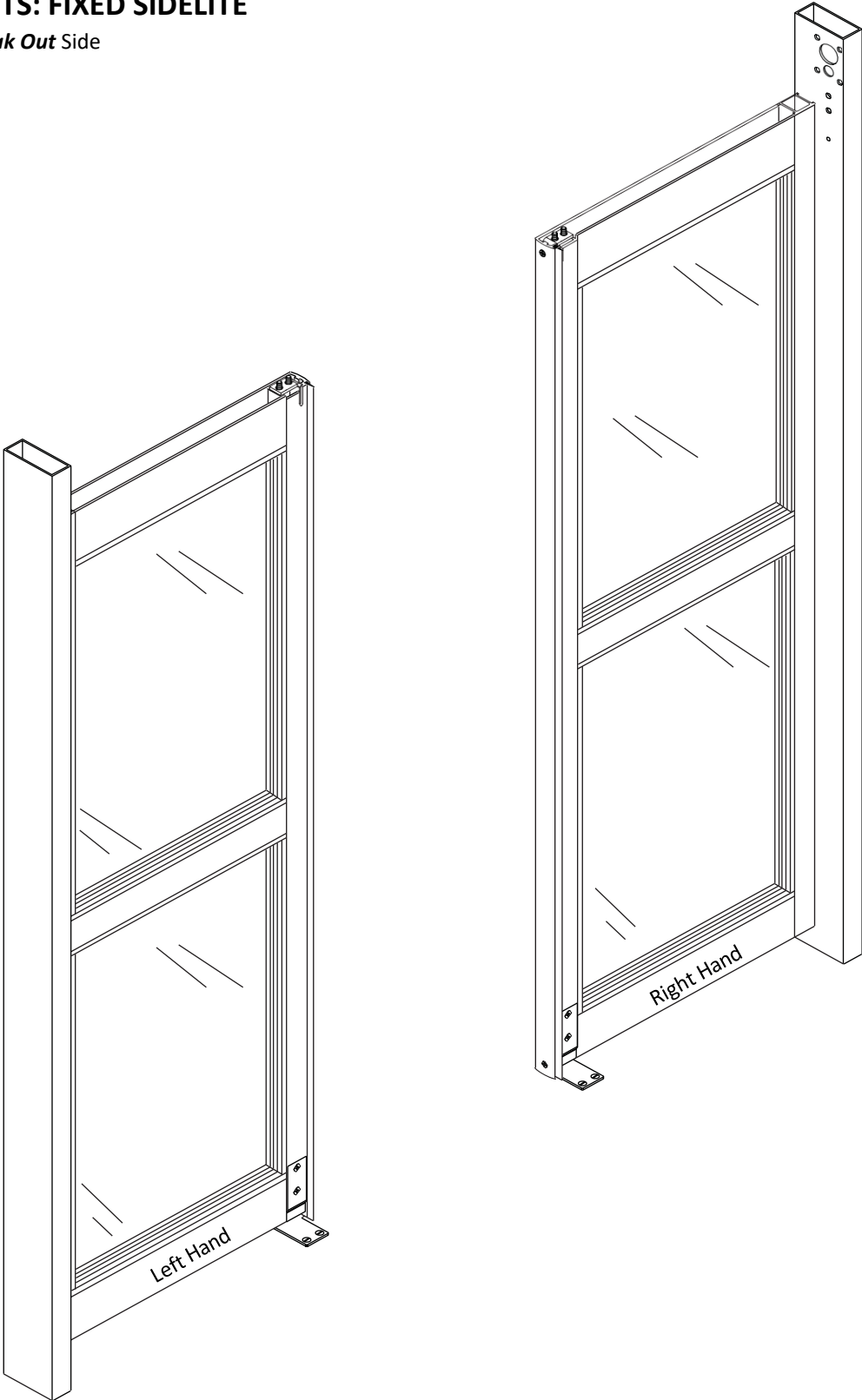
Item	Part	Finish/Sizes/Notes	Description
1	T-00061	Zinc	FHMS,1/4-20x1.000L., PHIL, TRI-LOBE, ZINC
	T-00022	Black Zinc	FHMS,1/4-20x1.000L., PHIL, TRI-LOBE, BLK ZN
2	T-00010	In Parts Bag A-00402 and A-00403	HHCS,1/4-20x0.750L., WHIZLOCK, ZINC
3	M-60582	RH/Clear	END CAP, ONE PIECE HEADER, RH,204
	M-70582	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	M-00281		FOAM WEATHERSTRIPPING ADHESIVE BACKED
6	M-00411	Without Stud	BRACKET, END CAP, HEADER
	M-00411-01	With Stud	BRACKET, END CAP, HEADER, W/ STUD
7	T-00119		HHCS,1/4-20x0.750L., WASH HD TRILOBE, ZINC
8	T-00058		NUT, SQ.,1/4-20, ZINC
9	M-00530		BUMPER, RUBBER, 1/4"-20 THREAD
10	A-00128		DOORSTOP, ASM.
11	A-00087		BUMPER, HEADER DOORSTOP
12	M-02035		BRACKET, MOUNTING, VS150
13	T-00495		NUT, WHIZLOCK, M8-1.25, ZINC
14	V-00914		OPERATOR, VS-150
15	M-02041		BRACKET, OPUS,1175
16	T-00025 */**		NUT, WHIZLOCK,3/8-16, ZINC
17	T-00420		PHMS,8-32x0.375L, PHIL, SWAGEFORM, ZINC
18	M-01546		CONTROLLER, OPUS
19	A-00078		BELT, DRIVE, IDLER SPROCKET, TENSIONER
20	M-02042		HARNESS, POWER,1175, OPUS
21	M-02036		BRACKET, IDLER PULLEY, VS-150
22	V-00915		PULLEY, IDLER, VS-150
23	T-00509		RING, RETAINING, EXT,12mm SHAFT
24	A-01419		ASM, IDLER, VS-150
25	A-00129		AMPLIFIER, PHOTOEYE, OPTEX ASSY
26	V-00073		HOLDING BEAM, PHOTO ELECTRIC, W/ EXT CABLE
27	A-00709		HOLDING BEAM SYSTEM
28	A-00341 *	Fail Safe	LOCK, ELECTRIC, FAIL SAFE, 1175
	A-00342 **	Fail Secure	LOCK, ELECTRIC, FAIL SECURE, 1175
29	T-00496	Zinc	PHMS,10-24X0.625L., PHIL, SWAGEFORM, ZINC
	T-00497	Black Zinc	PHMS,10-24X0.625L., PHIL, SWAGEFORM, BLK ZN
30	C-00067		NAMEPLATE, ADHESIVE BACKED
31	M-00688		PILE WEATHERING .45 TALL W/ ADHESIVE
32	V-00917		BELT, TIMING, S8M X 12mm WIDE
33	M-02044 */**		HARNESS, ELECTRIC LOCK,1175, OPUS (INCLUDES TWO CABLE ASSEMBLIES)
34	A-00385		BREAKOUT JUMPER

Header Assembly

Item	Part	Finish/Sizes/Notes	Description
35	M-01168	24 inches	HARNESS, EXTENSION,1175 SENSOR,24"
	M-02064	38 inches	HARNESS, EXTENSION,1175 SENSOR,38"
	M-01156	48 inches	HARNESS, EXTENSION,1175 SENSOR,48"
36	A-00967	36 inches	HARNESS; EXTENSION; ROCKER SWITCH;36IN.
37	V-00034		HOUSING,2 POS, FOR MATE-N-LOCK PINS
38	M-01070	15 inches	HARNESS, BREAKOUT,1175,15
	M-01136	40 inches	HARNESS, BREAKOUT,1175,40
39	A-00758		SWITCHBREAKOUT
40	M-02043		HARNESS, MAIN,1175, OPUS
41	V-00916		CLIP, BELT," S8M" PROFILE
42	M-02039		SPACER, BELT CLIP, VS-150
43	A-00264		LATCHBOLT, HEAVY DUTY, MODIFIED
44	M-02038 */**		BRACKET, BELT CLIP, VS-150
45	A-01418		ASM, OPUS CONTROLLER,1175
46	M-00522		BRKT, CENTER SUPPORT, 1175 HEADER (FOR UNITS 144" OR LARGER)
47	A-00688 *		KIT, RETROFIT, ELECTRIC LOCK, 1175, U301, OPUS, FAIL SAFE (ITEM #'S: 16*, 28*, 33* AND 44*)
48	A-00689 **		KIT, TRETROFIT, ELECTRIC LOCK, 1175, U301, OPUS, FAIL SECURE (ITEM #'S: 16**, 28**, 33** AND 44**)

SERVICE PARTS: FIXED SIDELITE

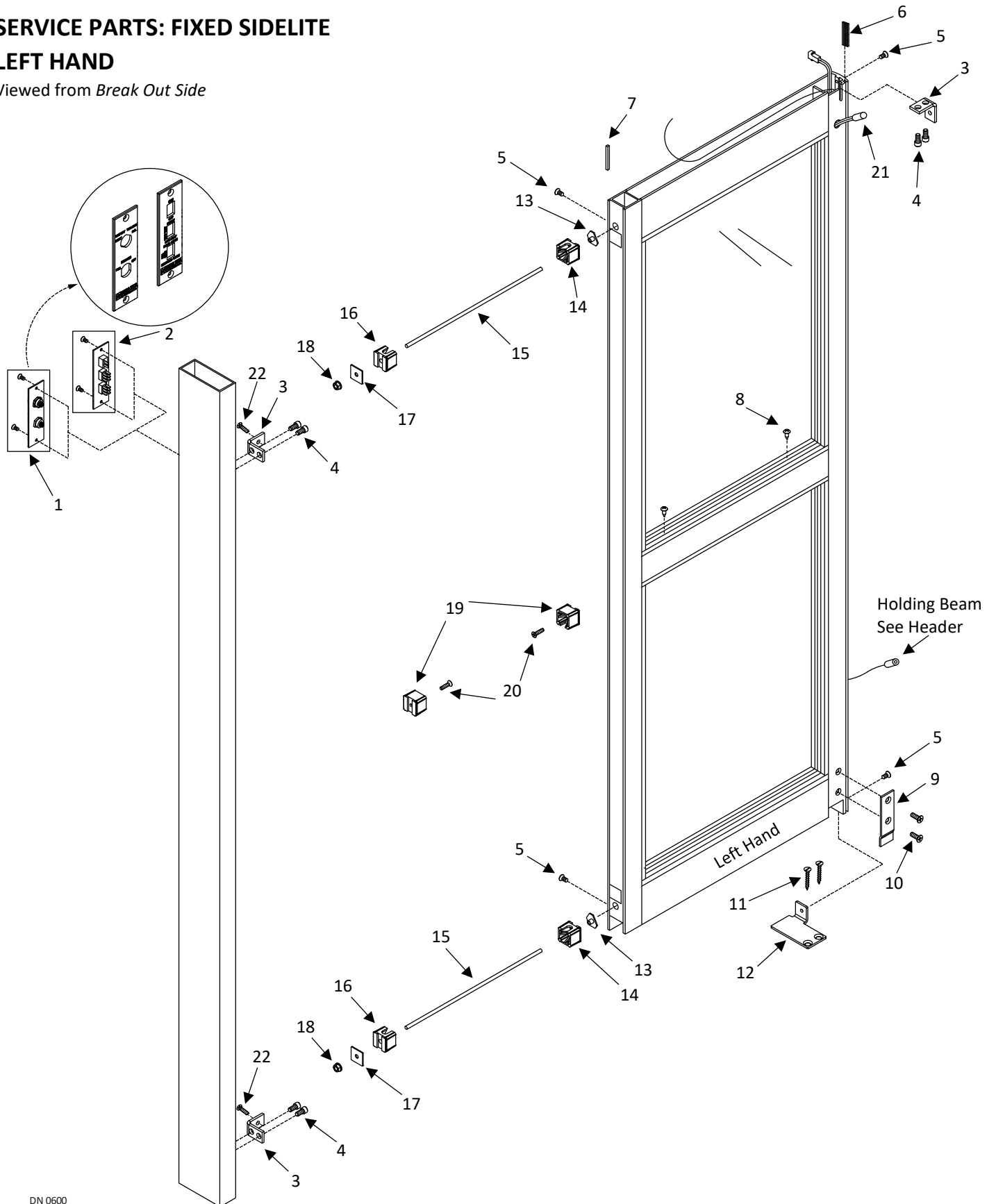
Viewed from *Break Out* Side



DN 0598

SERVICE PARTS: FIXED SIDELITE LEFT HAND

Viewed from *Break Out Side*



DN 0600

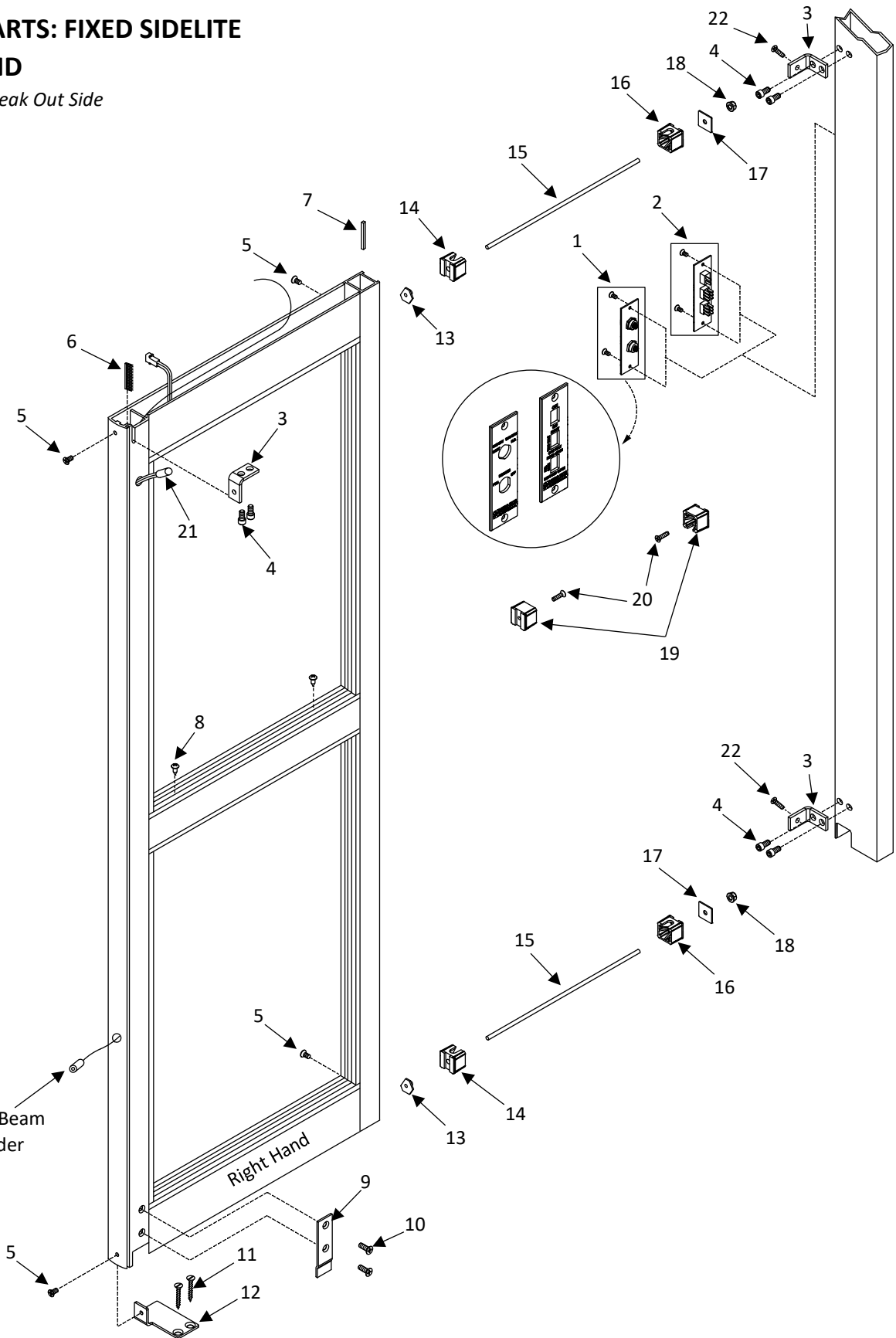
SERVICE PARTS: FIXED SIDELITE

RIGHT HAND

Viewed from *Break Out Side*

Holding Beam
See Header

DN 0601

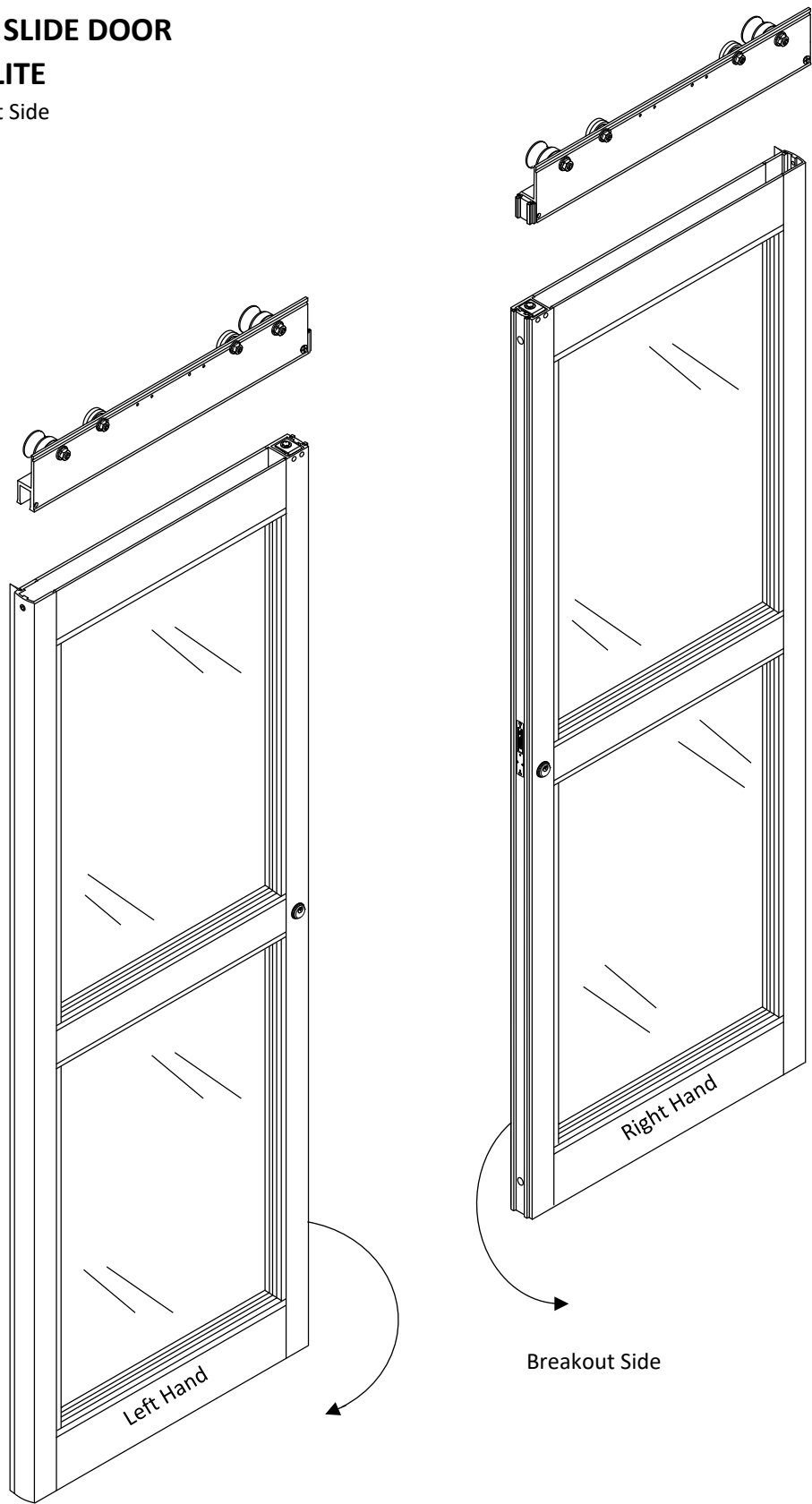


Fixed Sidelite

Item	Part	Finish/Sizes/Notes	Description
1	M-01144		SWITCH, KEY - NABCO
2	M-00428		SWITCH MODULE,3 ROCKER, NABCO
3	M-00706		BRACKET, MOUNTING, FIXED SIDELITE
4	T-00053		SHCS,1/4-20x0.500L., ZINC
5	T-00055	Zinc; In Parts Bag A-00402 & A-00403	FHMS,1/4-20x0.500L., PHIL, ZINC
	T-00057	Black Zinc; In Parts Bag A-00402 & A-00403	FHMS,1/4-20x0.500L., PHIL, BLK ZN
6	M-00695		BRUSH, NYLON, .56 L
7	M-00281	Include Length needed when ordering	FOAM WEATHERSTRIPPING ADHESIVE BACKED
8	T-00098		PHSMS,10x0.563L., PHIL, TYPE A
9	M-00709	In Parts Bag A-00402 & A-00403	COVER, PLATE, BOTTOM GUIDE, FS
10	T-00015	Zinc, In Parts Bag A-00402 & A-00403	FHMS,1/4-20x0.750L., PHIL, ZINC
11	T-00062	In Parts Bag A-00402 & A-00403	FHSMS, 1/4 x 1.25L, PHIL, TAPCON, BLUE
12	M-00717	RH; In Part Bag A-00402	BRACKET, FLOOR, RHFS
	M-00710	LH; In Part Bag A-00403	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	A-00387	White/Installed inside Strike Stile/See Header for Extension Harnesses	BREAK OUT SWITCH, WIDE GAP - F/S
22	T-00016	Zinc/Clear	FHMS, 1/4-20 x 0.438L., PHIL, UNDERCUT, ZINC
	T-00108	Black Oxide/Bronze	FHMS, 1/4-20 x 0.438L., PHIL, UNDERCUT, BLK ZN

**SERVICE PARTS: SLIDE DOOR
FOR FIXED SIDELITE**

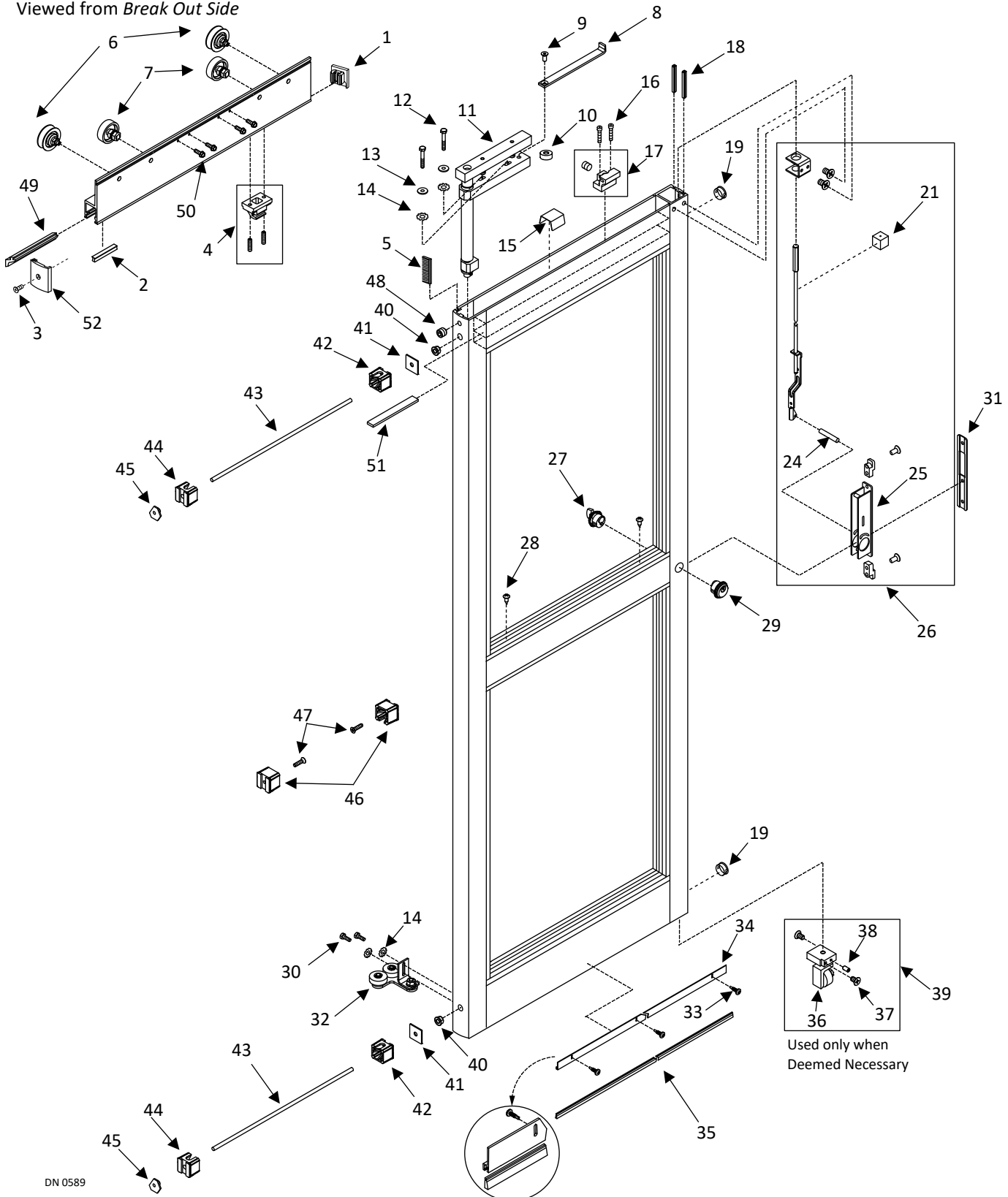
Viewed from Break Out Side



DN 0584

SERVICE PARTS: SLIDE DOOR FOR FIXED SIDELITE LEFT HAND

Viewed from *Break Out Side*



Viewed from *Break Out Side*

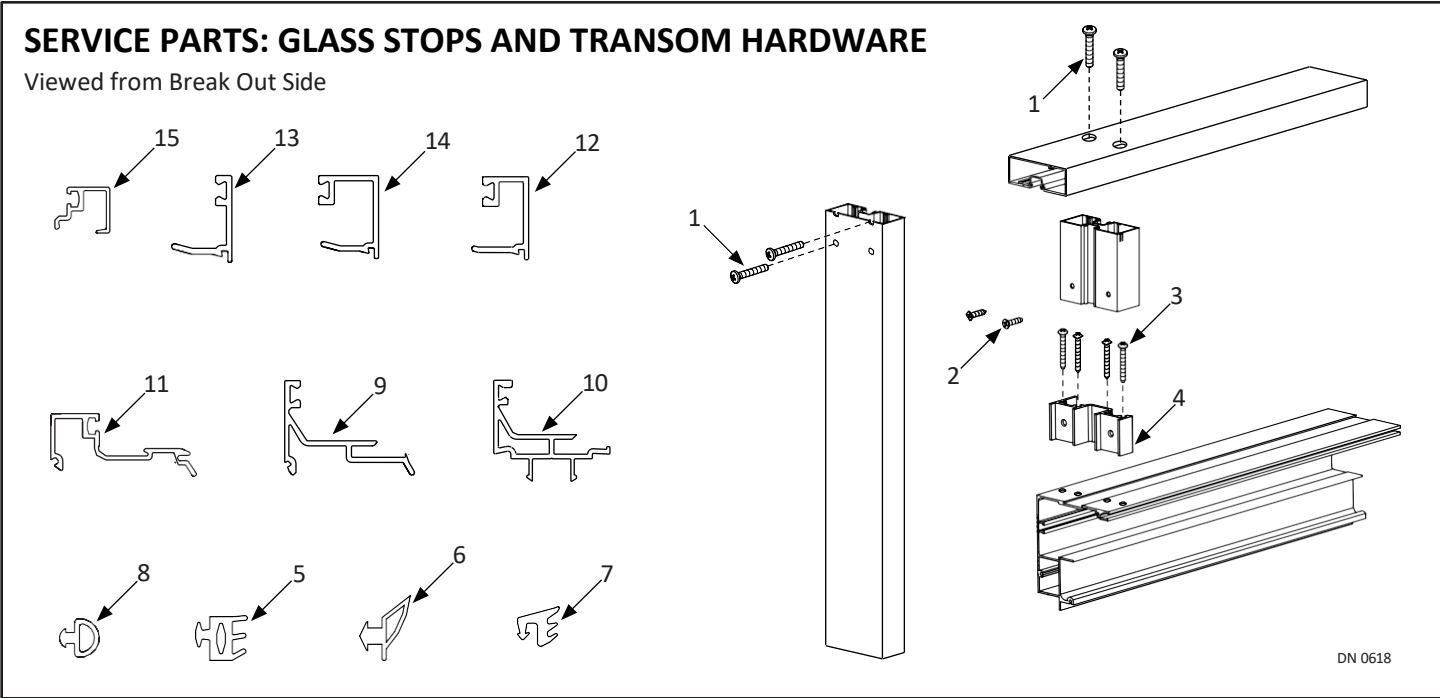


Slide Door For Fixed Sidelite

Item	Part	Finish/Sizes/Notes	Description
1	A-00301	Clear	CARRIER END CAP
	A-00301-10		CARRIER END CAP, F86
2	M-00690		WEATHER, PILE .2
3	T-00554	Zinc	FMHS,10-32x.625L., PHIL, ZINC
	T-00555	Black Zinc	FHMS,10-32x.625L, PHIL, BLK ZN
4	A-00071		PANIC CATCH, UPPER, ASM.
5	M-00695		BRUSH, NYLON, .56 L
6	A-00162		ROLLER, HANGER, ASSEMBLY, 1175
7	A-00812		AXLE ASSEMBLY-ANTI RISE ROLLER
8	M-00379	Narrow Stile	ARM, LIMIT, NARROW STILE
	M-00704	Medium Stile	ARM, LIMIT, MEDIUM STILE
9	T-00528		FHCS,7/16-14x1.500L., ZINC, W/NYLON PATCH
10	M-02125		SPACER, LIMIT ARM
11	A-00092		CARRIER, PIVOT, NARROW STILE
	A-00165		CARRIER, PIVOT ASSY, MED STILE
	A-00168		CARRIER PIVOT ASM. NRW PANEL & STILE
	A-00172		CARRIER, PIVOT, ASM., NRW.PNL - MED.STILE
12	T-00028		HHCS,1/4-20x1.750L., GR5, ZINC
13	T-00029		WASHER,.250 ID,.563 OD,.049 THK, ZINC
14	T-00087	In Parts Bag A-00402 & A-00403	WASHER, LOCK, EXT, 1/4 ID, ZINC
15	M-00653		BRACKET, LIMIT ARM SUPPORT
16	T-00037		SHCS,1/4-20x1.250L., ZINC
17	A-00069		PANIC CATCH, BOTTOM
18	M-00689		WEATHERING, PILE .45
19	V-00720		PLUG, DOME, .813 DIAMETER
21	M-00974		BLOCK, FOAM
24	T-00132		"PIN, ROLL,5/32D X 0.875L."
25	V-00005		LOCK, ADAMS-RITE #MS1853
26	A-00802		"LOCK, W/ ROD, CRL"
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 Parts Bag A-00402 & A-00403	HHCS,1/4-20x0.750L., ZINC
31	V-00014	Clear	COVER, MS LOCK, W/ CUTOUT,204
	V-70014	Dark Brown	COVER, MS LOCK, W/ CUTOUT,313

Slide Door For Fixed Sidelite

Item	Part	Finish/Sizes/Notes	Description
32	A-00181	RH; In Part Bag A-00402	BTM GUIDE DOUBLE ROLLER ASM, RH
	A-00183	LH; In Part Bag A-00403	BTM GUIDE DOUBLE ROLLER ASM, LH
33	T-00222	Zinc; In Parts Bag A-00402 & A-00403	PHSMS,6x0.500L., PHIL, TEKS, ZINC
	T-00260	Black Zinc; In Parts 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	A-00198	Narrow Stile	NOSE CASTER ASSY, NAR
	A-00207	Medium Stile	NOSE CASTER ASSY, MED
37	T-00016	Zinc	FHMS,1/4-20x0.438L., PHIL, UNDERCUT, ZINC
	T-00108	Black Zinc	FHMS,1/4-20x0.438L., PHIL, UNDERCUT, BLK ZN
38	T-00105		SHSS,8-32x0.313L., CUP PT.
39	A-01593		KIT, NOSE CASTER AND HARDWARE, NAR
	A-01594		KIT, NOSE CASTER AND HARDWARE, MED
40	T-00025		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-00261	In Parts Bag A-00402 & A-00403	SHSS,5/16-24x0.500L., CUP PT., ZINC
49	M-60288	Clear	INTERFACE LEG,204, EXTRU
	M-70288	Dark Bronze	INTERFACE LEG,313, EXTRU
50	T-00010	In Part Bag A-00402 & A-00403	HHCS,1/4-20x0.750L., WHIZLOCK, ZINC
51	M-00282	Cut to full length of Top Door Rail	FLEXIBLE MAGNETIC STRIP
52	A-60951	Clear	END CAP, CARRIER, PIVOT, 1.95", 204
	A-70951	Dark Bronze	END CAP, CARRIER, PIVOT, 1.95", 313
	A-80951	Black	END CAP, CARRIER, PIVOT, 1.95", BLK



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, ¼-20x1.000L., PHIL, TRI-LOBE, ZINC
	T-00022	Black Zinc	FHMS, ¼-20x1.000L., PHIL, TRI-LOBE, BLK ZINC
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" TALL, 204, EXTRU
	M-70268	Dark Bronze, Used for Door or Header	GLASS STOP, SNAP IN 1" TALL, 313, EXTUR
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