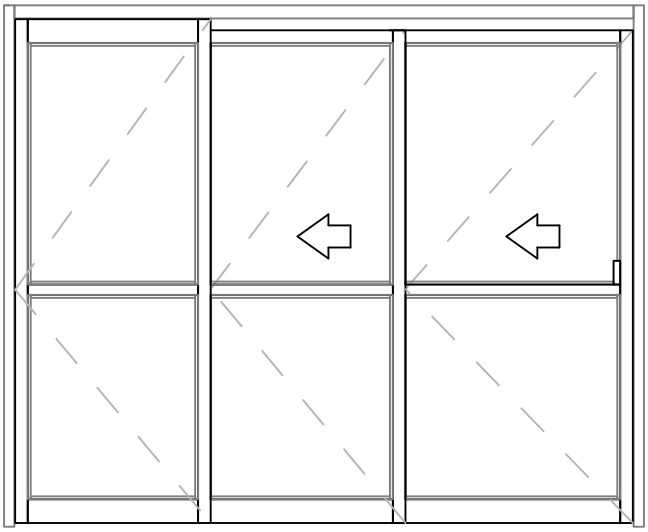
TORMAX®
AUTOMATIC

TX 9630 TL (Trackless) Telescopic
Installation & Operating Manual

Smoke Rated (SR)
Smoke Rated Pressurized (SRP)



TORMAX USA INC.
12859 Wetmore Road
San Antonio, TX 78247
210-494-3551
210-494-5930 (Fax)
888-685-3707
www.tormaxusa.com
info@tormaxusa.com

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SAFETY/ WARNINGS

NOTE indicates important information specific to the process or steps being performed.

CAUTION indicates failure to follow instructions may result in personal injury and/ or property damage.

1. HEADER & JAMB ASSEMBLY

1. Screw in the ball detent latch assembly for the lead SX panel to the jamb before attaching
   jambs to the header as shown below.

2. Align the jamb tubes to the header at both ends and mount them using the supplied hardware.

3. Snap back plate for jamb tubes only after all the fasteners are tight.

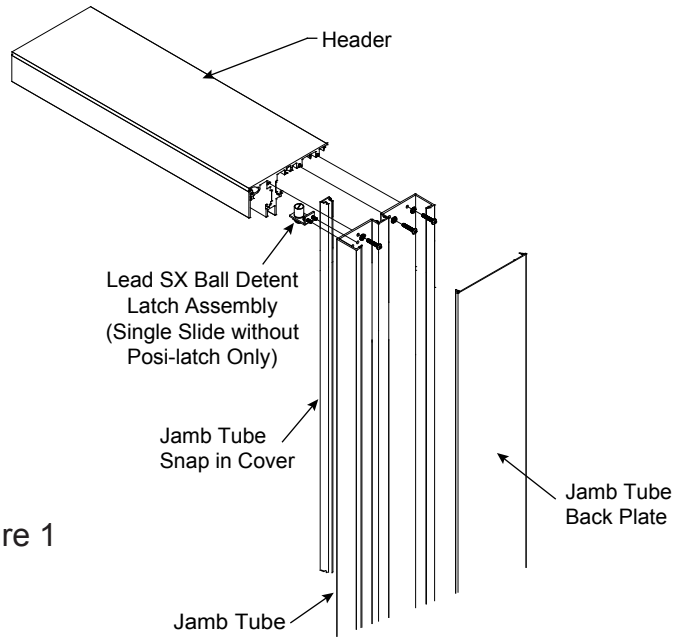


Figure 1

5. Do not install jamb tube snap in cover until header & jamb assembly is secured in the installation site location.

4. Attach the static drain harness to the building ground.

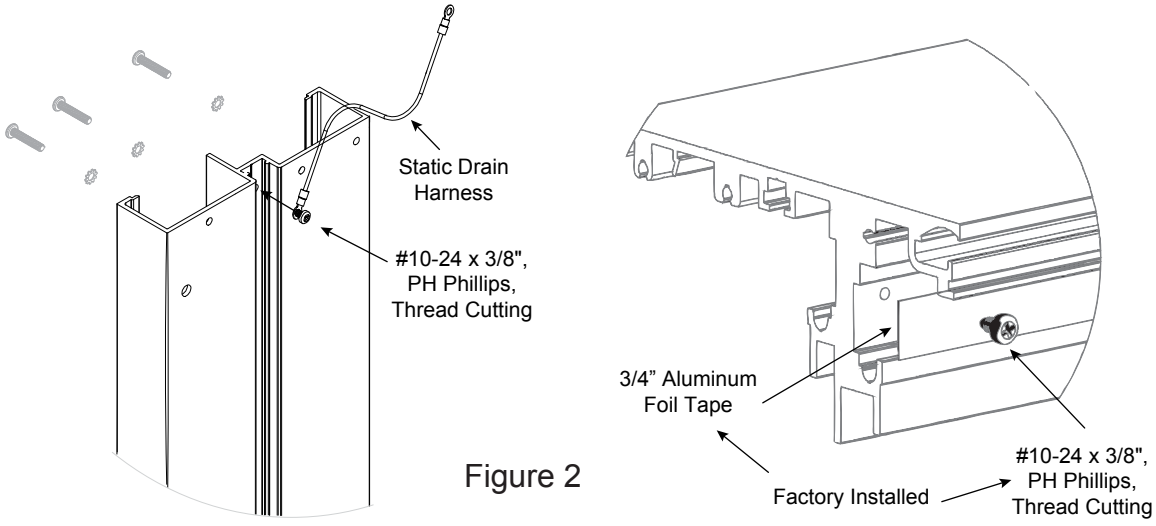


Figure 2

1. HEADER / JAMB ASSEMBLY

1. Evaluate the installation site to determine mounting points and hardware for securing the jambs and the header.

In the event there is nothing to mount the jamb to vertically, an L-bracket can be installed at the bottom of the jamb. See Figure 3 on page 5.

2. Predrill 3 holes (recommended - top, center, bottom) into pocket area. See figure 1.

3. On single slide doors, secure the jamb close to the latch cut out to avoid flex on the Bulb Seal.

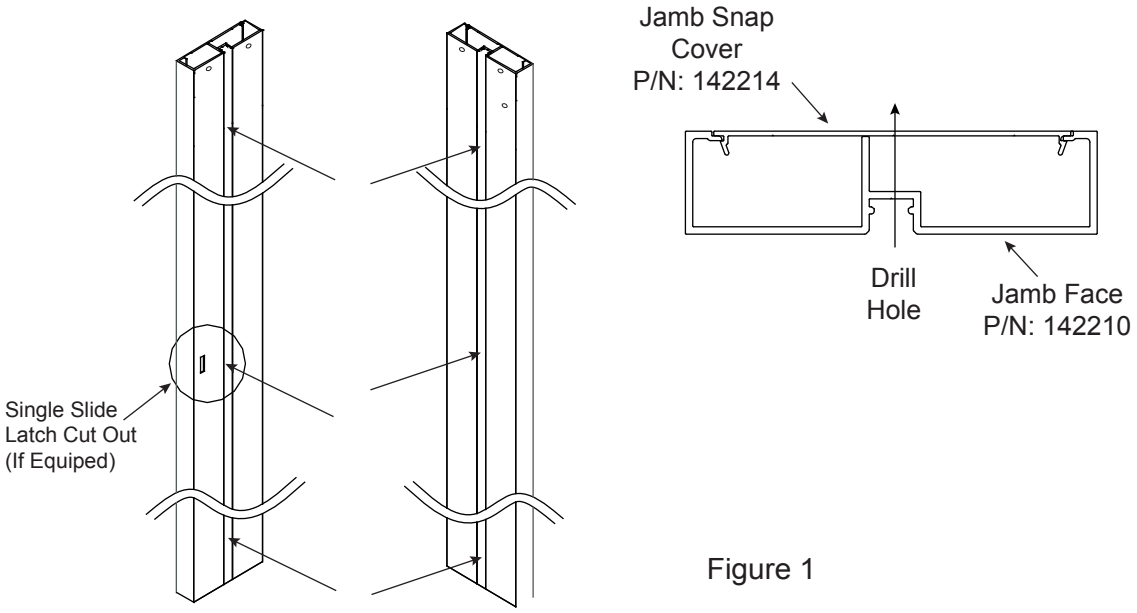
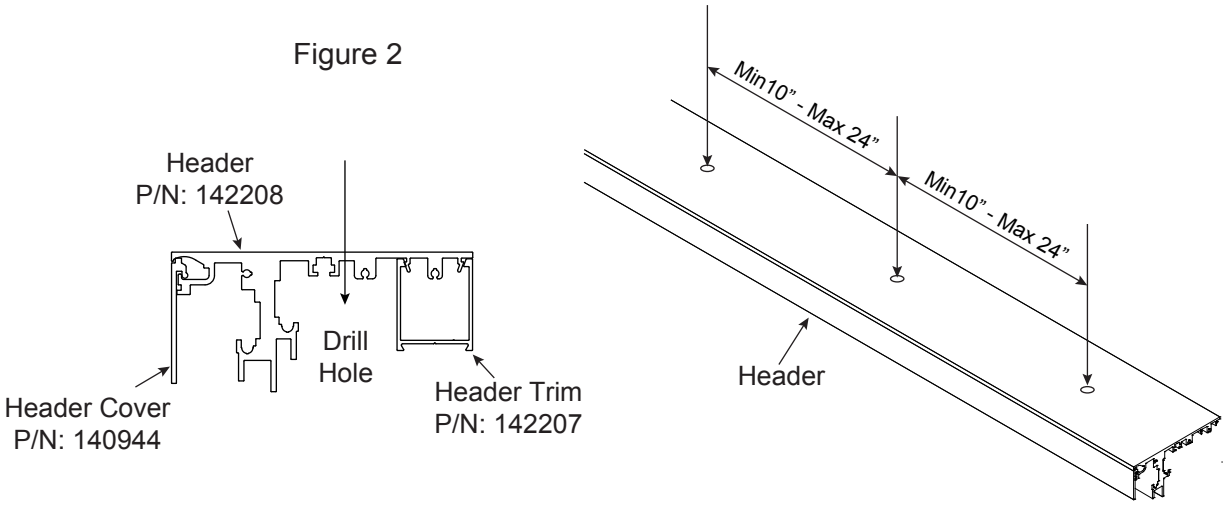


Figure 1

4. Predrill the header, spacing the holes min 10” - max 24” through out the length of the header. See figure 2

Figure 2



2. HEADER / JAMB ASSEMBLY INSTALLATION

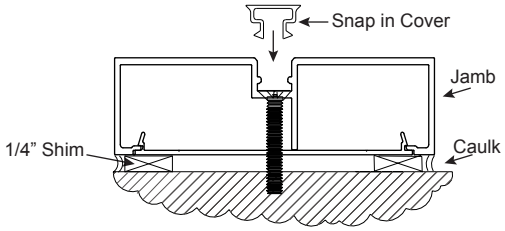
Determine the highest point of the floor by using the water level (See figure 1)

1. Lift the door frame into place, raise the frame to the highest point of the floor determined previously. Shim appropriately, leveling the header. See figure 1.

2. Plumb and secure the jambs. See figure 2

3. After door frame is secured into the opening install snap in cover into the jamb face.

Figure 1



For caulking the SR doors, suggested caulking is silicone

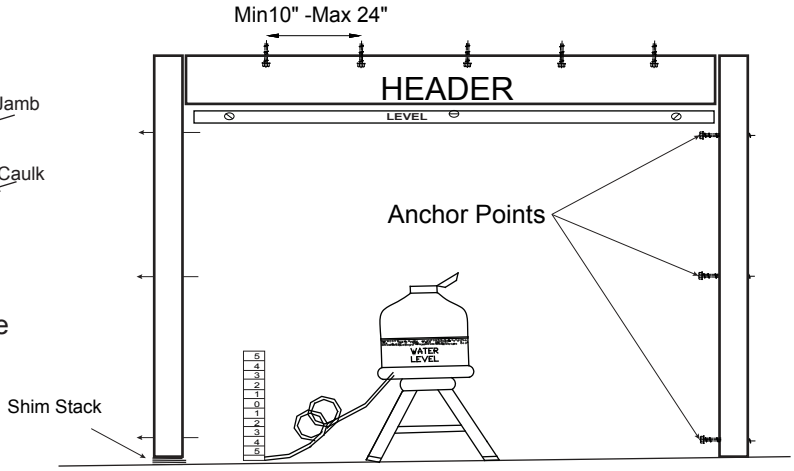


Figure 2

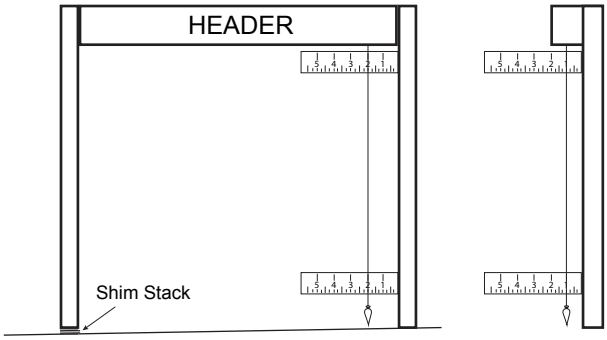
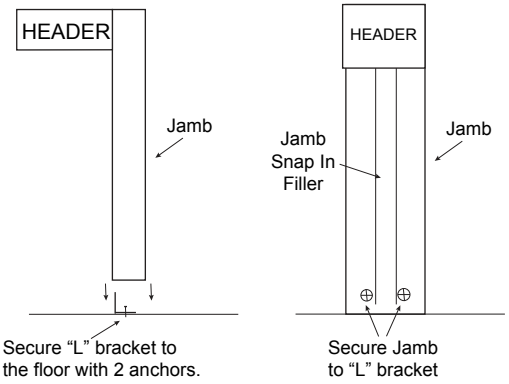


Figure 3



L- brackets should be installed to provide the most support in the least visible location possible.

3. SO - STATIONARY PANEL - BOTTOM PIVOT INSTALLATION

1. Drill a 1” clearance hole into the finished floor for the SO - bottom pivot as shown in figure 1.

2. Install the SO bottom pivot into the jamb and secure using supplied hardware as shown in figure 2.

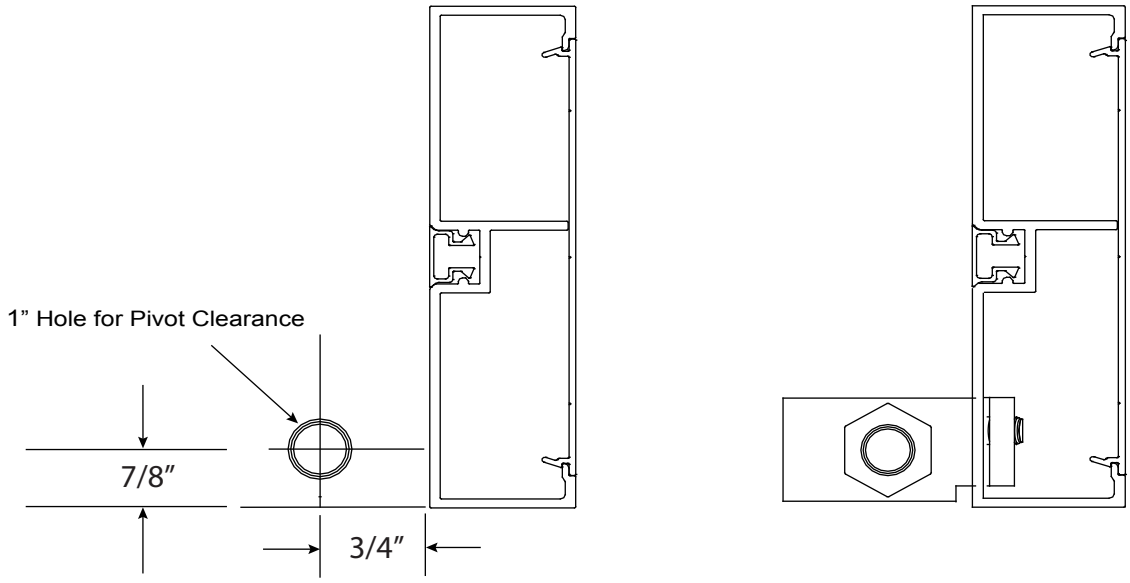


Figure 1

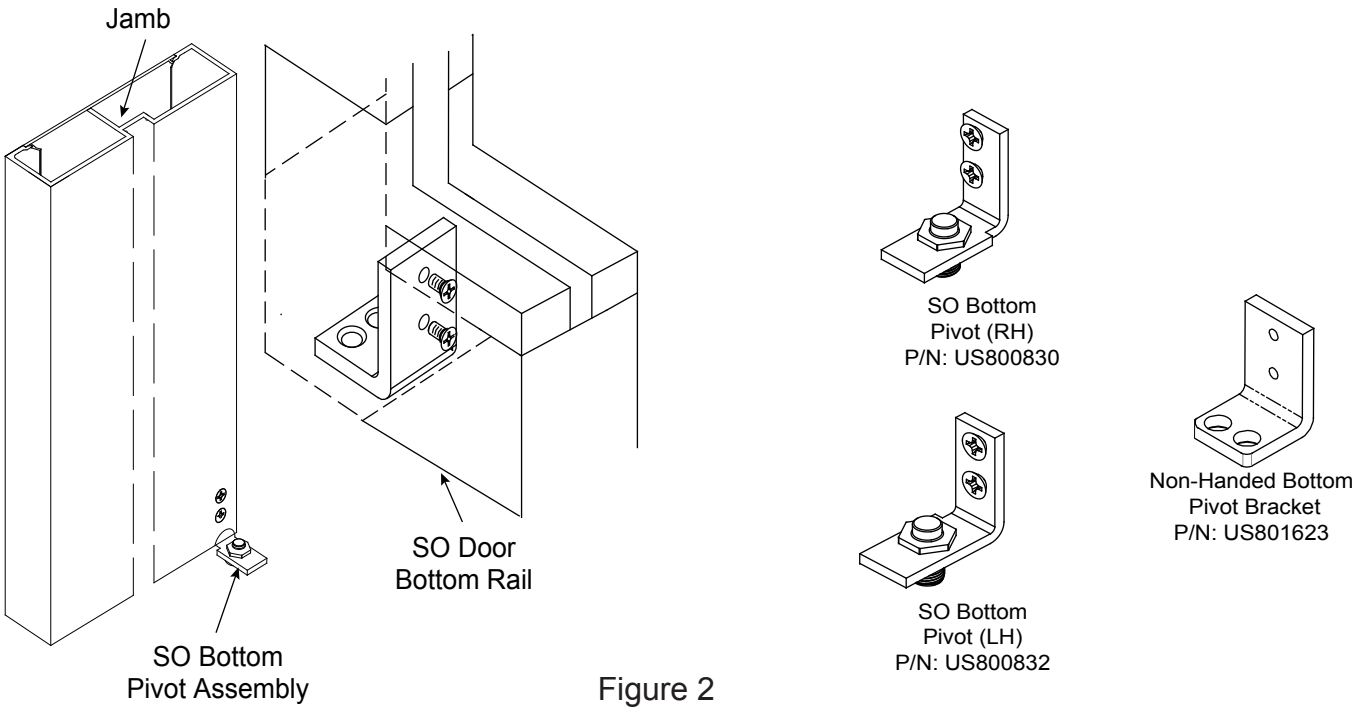


Figure 2

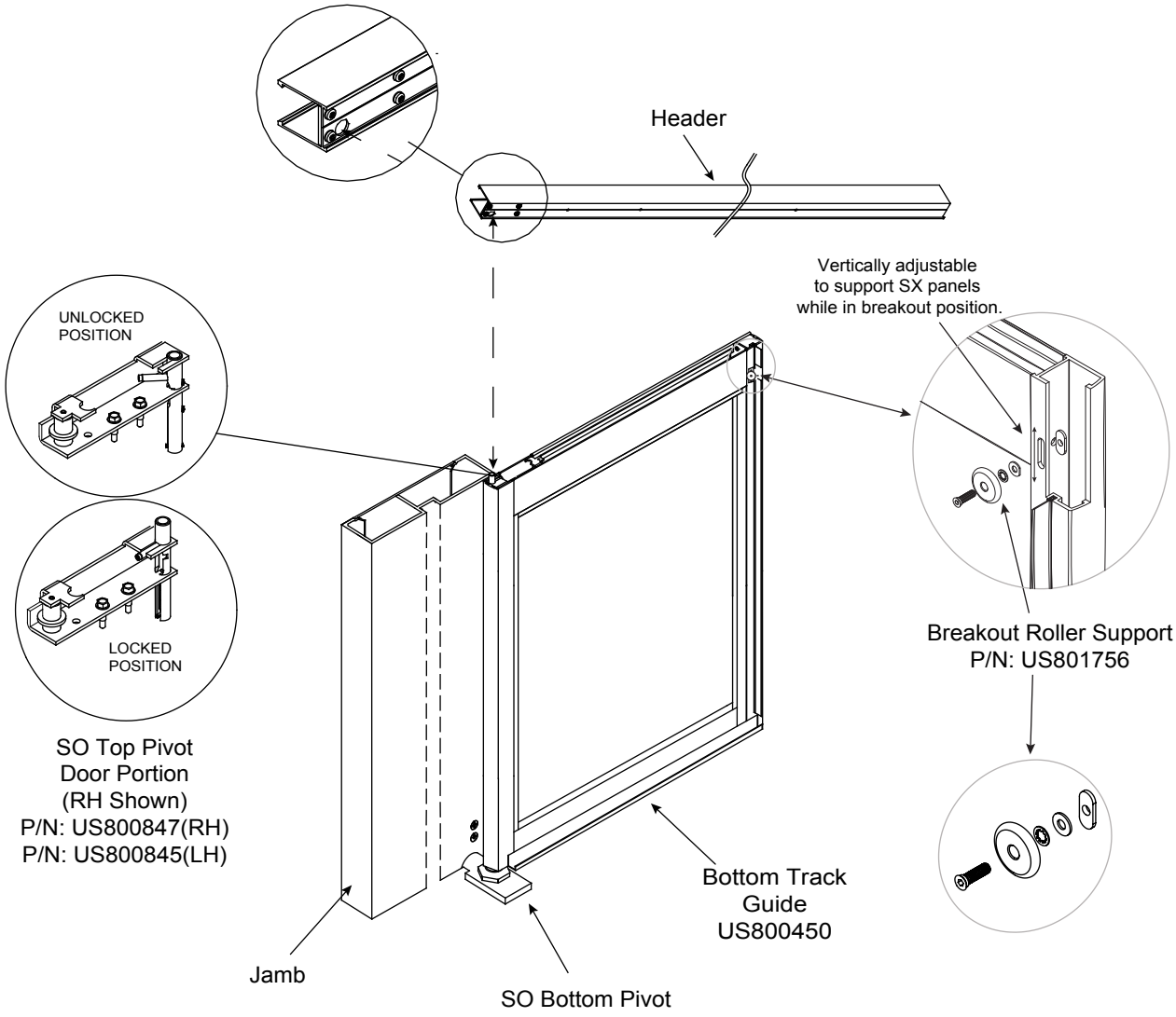
3. SO - STATIONARY PANEL INSTALLATION

1. Unlock the top pivot portion of the SO panel and then position the door at approximately 90 degrees to the header and lift onto the lower pivot.

2. Align the top pivot door portion to the header top pivot and lock door portion into place.

3. Swing SO panel to the closed position, adjust bottom pivot to eliminate door dragging at any point during the swing of the door in breakout. Perform after glass is installed.

4. Install breakout roller support by inserting 1/4-20x7/8” bolt through the roller, star washer and flat washer. Slide T-nut down the leading rail and screw the bolt into the T nut.



3. SO - STATIONARY PANEL 1/4” GLASS INSTALLATION

1) Shim lead edge of the door to square up the panel.

2) Check glass block placement as shown below in figure 1. Install the glass and slide glass blocks into position.

3) Install Glass Stop face as shown in figure 2.

4) Adjust Jacking Screw to raise the leading edge of the door up as shown in figure 3. Maintain a straight sight line at the header with the door closed.

! For existing doors without jacking screw, cross block the glass to raise the leading stile of the door or order a 1/4” Glass Jacking Screw kit Part# US801690

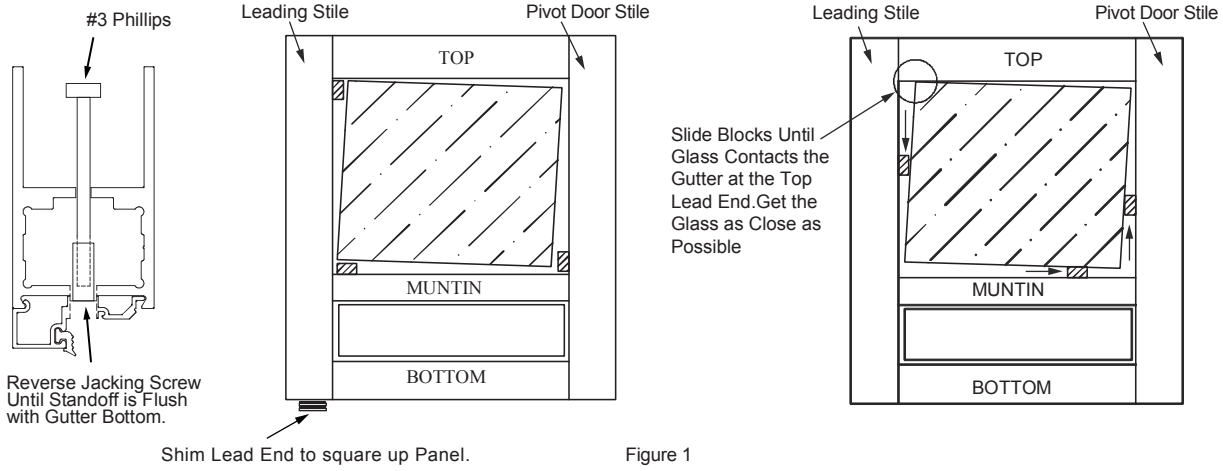


Figure 1

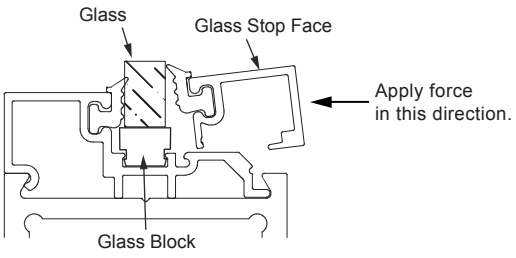


Figure 2

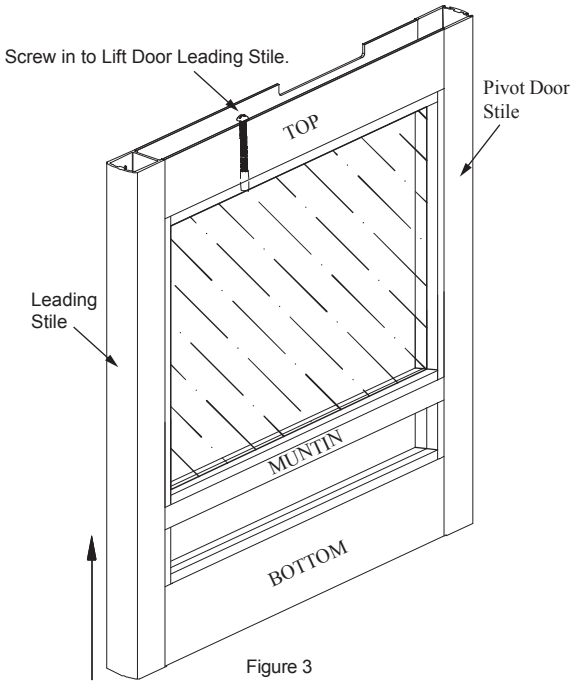


Figure 3

3. SO - STATIONARY PANEL 1” GLASS INSTALLATION

1) Shim lead edge of door to square up door panel.

2) Raise Jacking Screw by rotating counter clockwise, until Standoff contacts gutter, install the glass and position the glass as shown below, by rotating glass stops in/out as shown in figure 1.

3) Install Glass Stop face as shown in figure 2.

4) Adjust Jacking Screw to raise the leading edge of the door up as shown in figure 3. Maintain a straight sight line at the header with the door closed.

! For existing doors without jacking screw, cross block the glass to raise the leading stile of the door or order a 1” Jacking Screw kit: Part# US801691

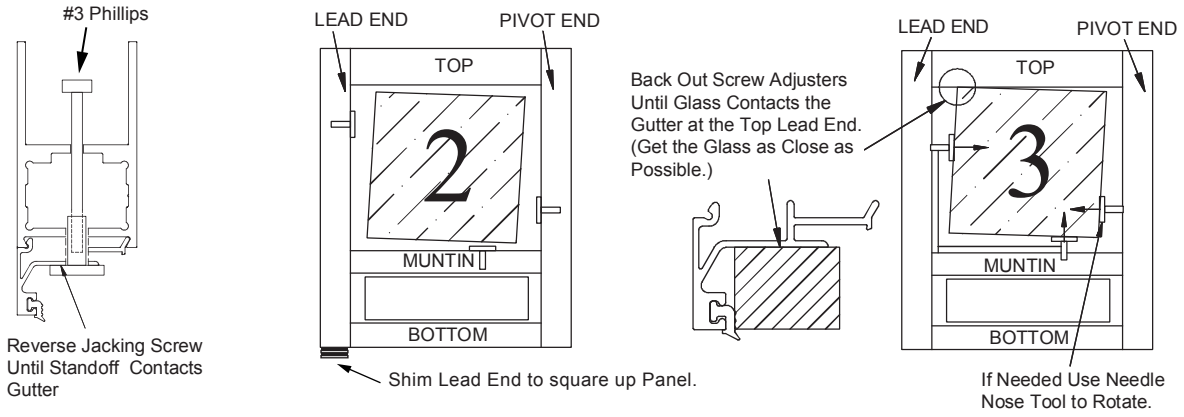


Figure 1

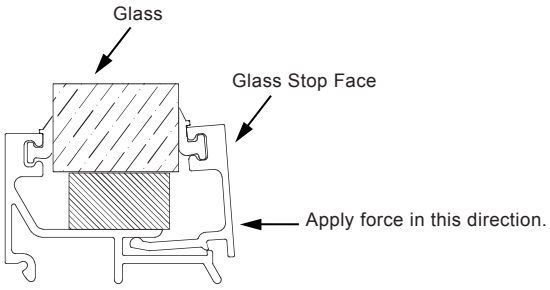


Figure 2

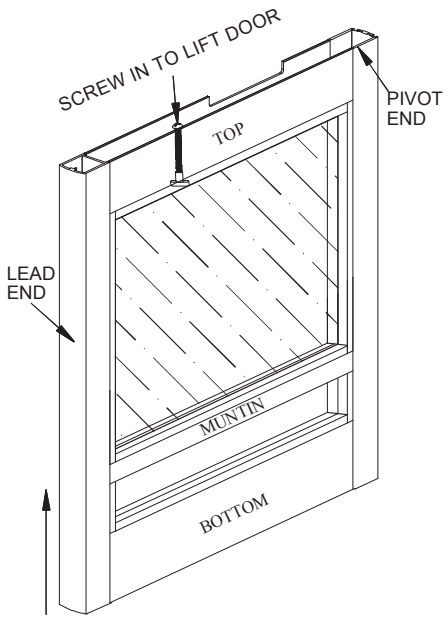
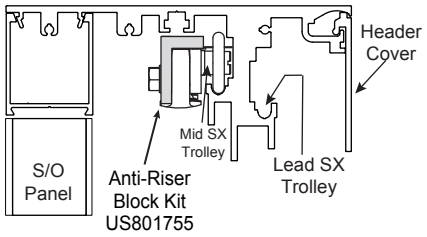
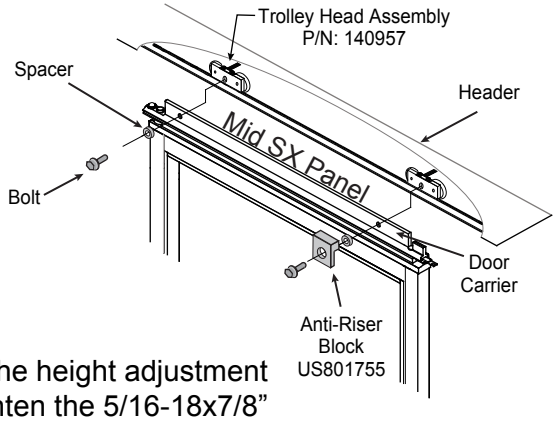


Figure 3

4. MID SX PANEL INSTALLATION

1. Position the mid SX panel parallel to the header, insert trolley assembly into the track slide trolley behind SX panel aligning the holes, insert hex head bolt 5/16-18x7/8” into back rail trolley. Secure the lead edge trolley by inserting the supplied bolt 5/16-18x7/8” serrated flange through the anti-riser block and spacer as shown below.



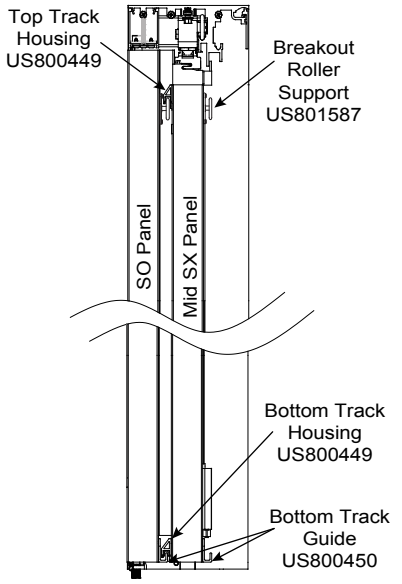


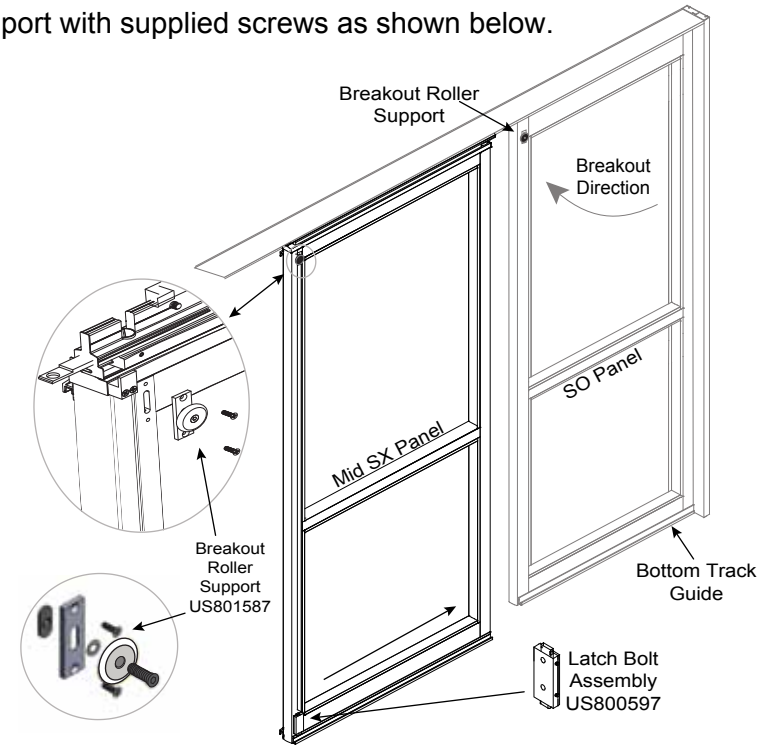
2. Align the Mid SX panel vertically by adjusting the height adjustment screw (10-32x5/8”) one turn at a time, then tighten the 5/16-18x7/8” hex head bolt to secure the carrier to the trolley head.

3. Slide Mid SX panel to engage breakout roller on SO panel, adjust breakout roller height to engage roller track assembly.

4. Slide door fully open, swing panels in breakout direction, Mid SX panel should not drop more than 1/16”. If adjustment is needed, repeat step 3.Swing door panels closed.

5. Install breakout roller support with supplied screws as shown below.





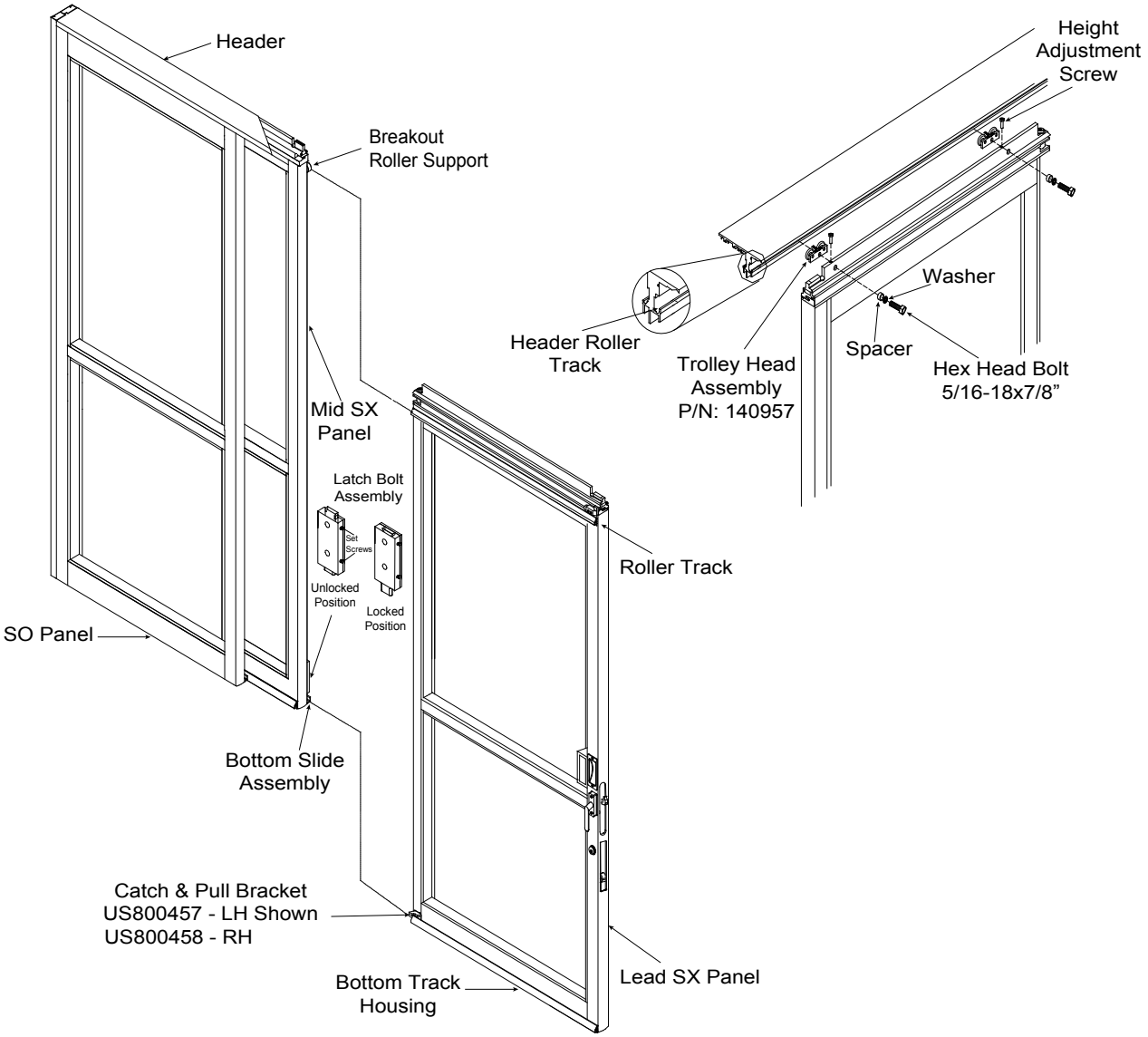
5. LEAD SX PANEL INSTALLATION

1. Position SX panel parallel to the header, insert trolley head assembly into the track, slide trolley behind the SX panel aligning the holes, insert hex head bolt 5/16-18x7/8" as shown below.

2. Align the SX panel vertically by adjusting the height adjustment screw (10-32x5/8") one turn at a time and then tighten the (5/16-18x7/8") hex head bolt to secure the trolley carrier to the trolley head.

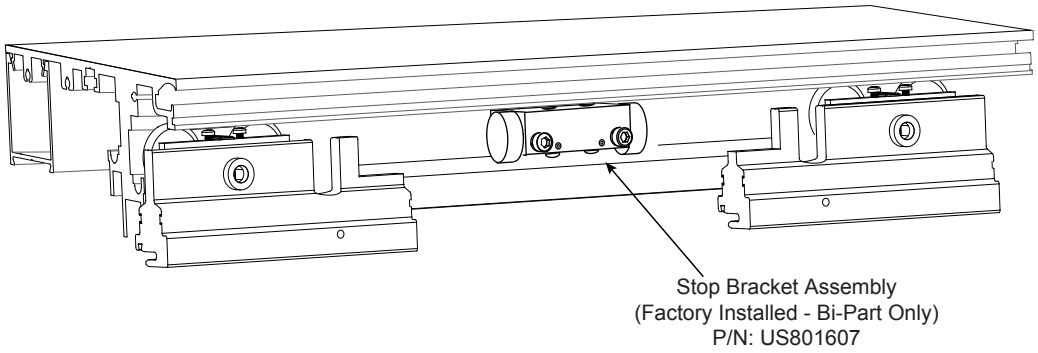
3. Loosen the set screws on the mid SX panel latch bolt to unlock it, slide the SX panel to engage breakout roller, adjust roller height up to engage with roller track assembly.

4. Slide doors fully open, swing out in the direction of breakout, door should not drop more than an 1/8". If adjustment is needed, repeat step 3. Place latch bolt to locked position to engage the Catch & Pull bracket on SX panel, tighten set screws.

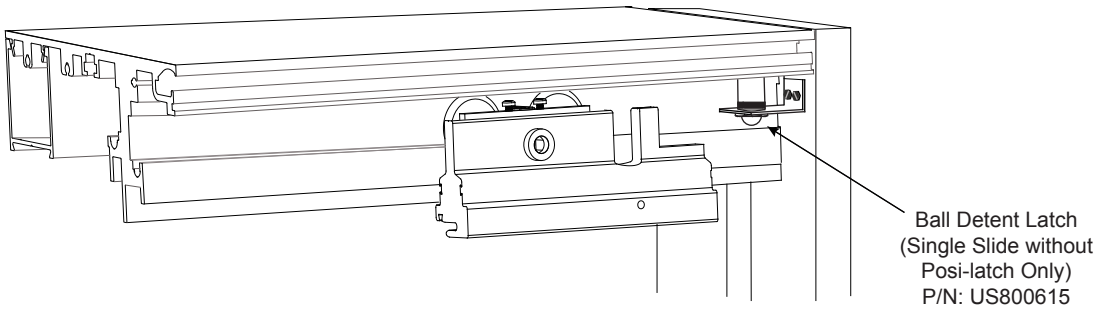


6. SX PANELS STOP ADJUSTMENTS

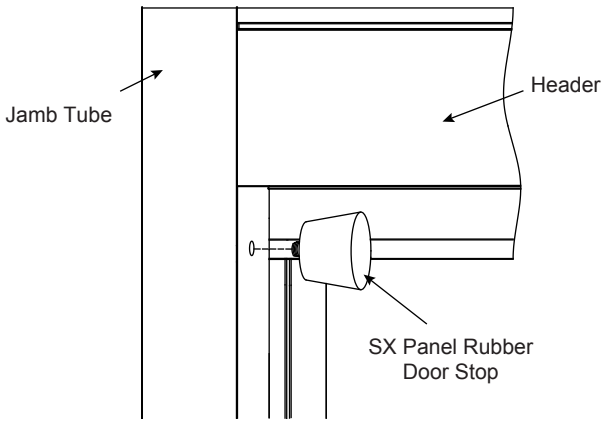
1. Bi-part doors Only - Slide doors closed, adjust the stop bracket assembly (Factory Installed) screw stops IN or OUT (left or right) to center the SX door panels to the center of the header.



2. Single slide without Posi-latch Only - Slide door closed adjust the leading SX closed door ball detent UP or DOWN to maintain the door in the closed position.



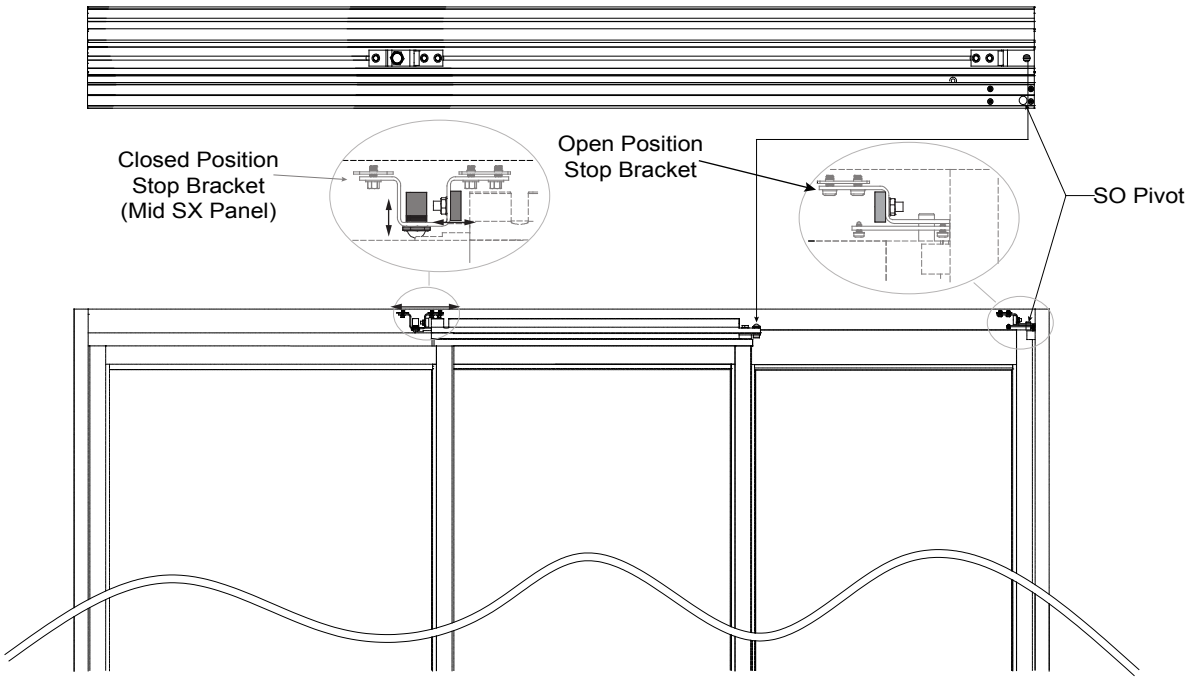
3. Install the leading SX panel open door stop onto the jamb as shown below.



6. SX PANELS STOP ADJUSTMENTS

1. Slide the door panels to the closed position, adjust mid SX Panel Closed Position Stop Bracket (location, rubber stop, ball detent) to center the mid SX panel between leading SX panel and SO panel and to avoid the disengagment of the mid SX panel and the SO panel.

2. Slide the door panels to the open position, adjust Open Position Stop Bracket (rubber stop, ball detent) to stop and hold the mid SX panel in the open position.

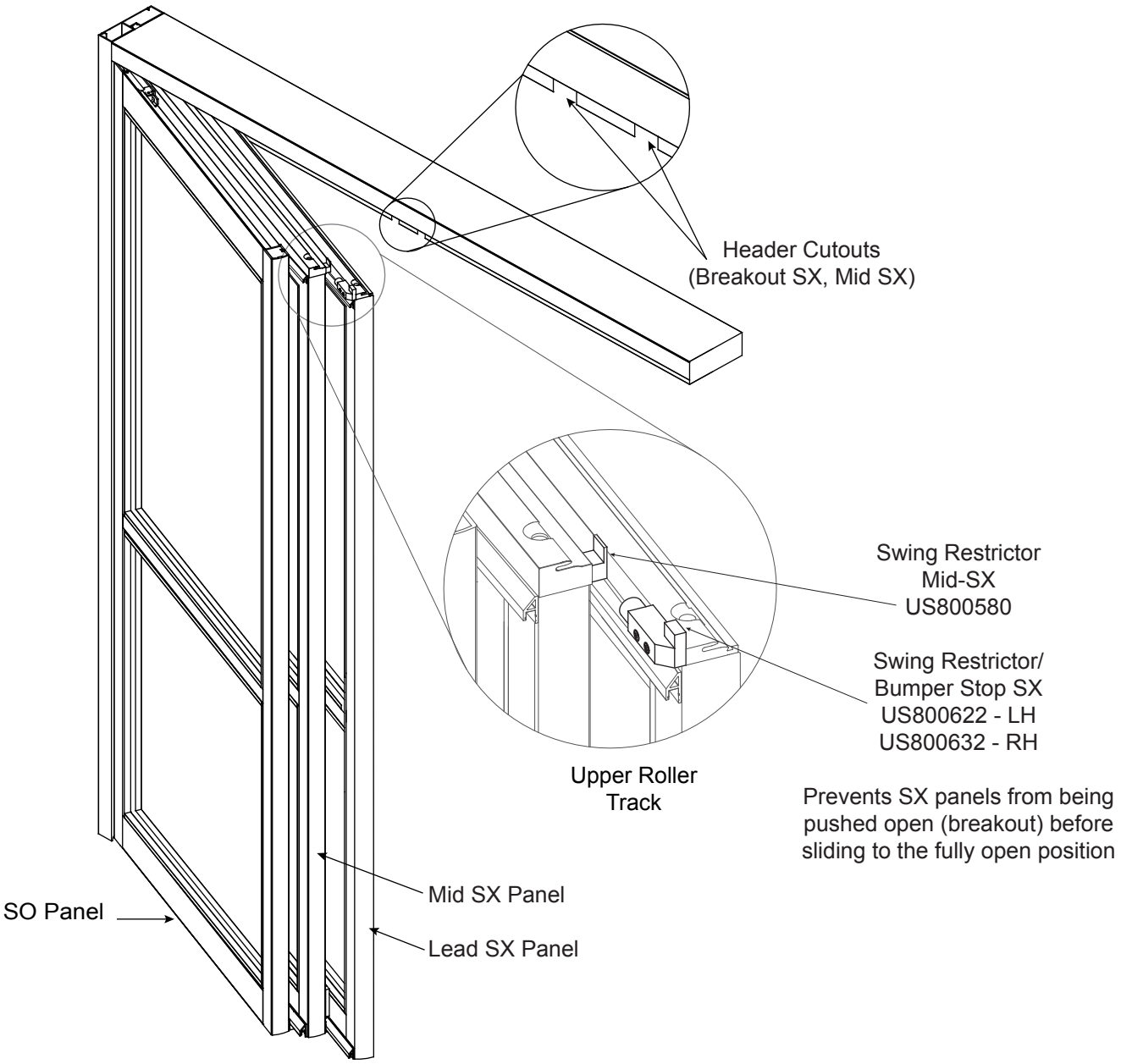


7. BREAKOUT OPERATION

1. Slide the SX & mid SX panels to the open door position, the swing restrictors should line up with header cutouts.

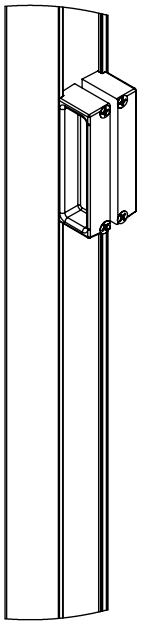
2. Push the SX panel in the direction of breakout, forcing the mid SX and SO panels to swing out from under the header.

3. Swing door panels closed to the latched position, then normal operation of sliding the doors can occur.



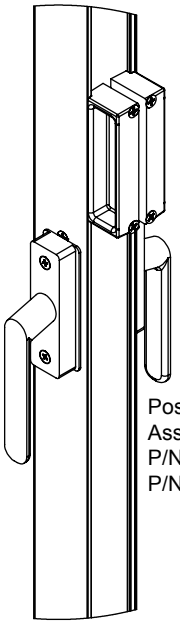
8. SX PANEL - HANDLES, POSITIVE LATCH, MECHANICAL LOCK

1. The TX9600 has many options for handles, positive latching and mechanical locking as shown below. (RH Door Leading Stile Shown)



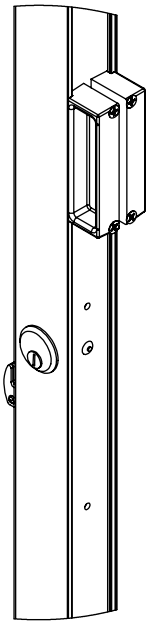
Door Handle
P/N: 141014

Plastic Hndl,
No Locking

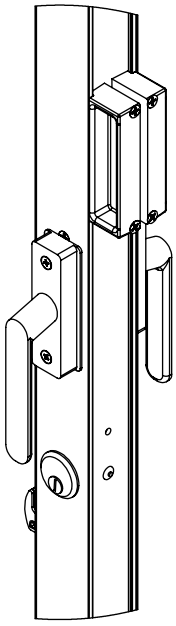


Posi-Latch
Assembly
P/N: 142204-01 Clear
P/N: 142204-02 Dark Brz

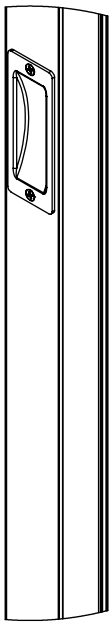
Plastic Hndl,
Posi-Latch



Plastic Hndl,
Mech Lock

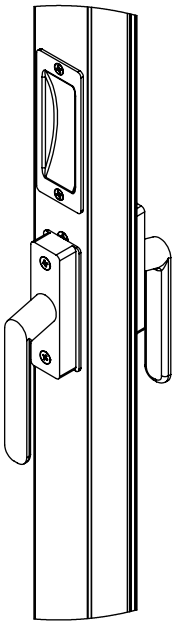


Plastic Hndl,
Posi-Latch,
Mech Lock



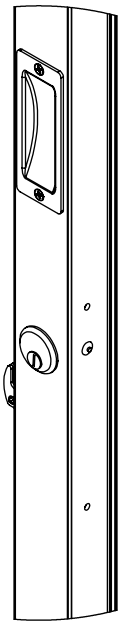
Recessed Pull
Handle Chrome
P/N: 140218

Chrome Hndl,
No Locking



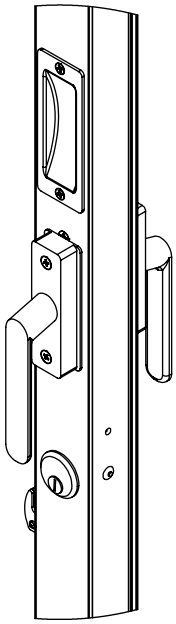
Chrome Hndl,
Posi-Latch

Hook Bolt
Assembly
P/N: 140142



Mortise Key
Cylinder W/ Ring
P/N: 140692-01 CLR
P/N: 140692-02 DkBrz

Chrome Hndl,
Mech Lock



Chrome Hndl,
Posi-Latch,
Mech Lock

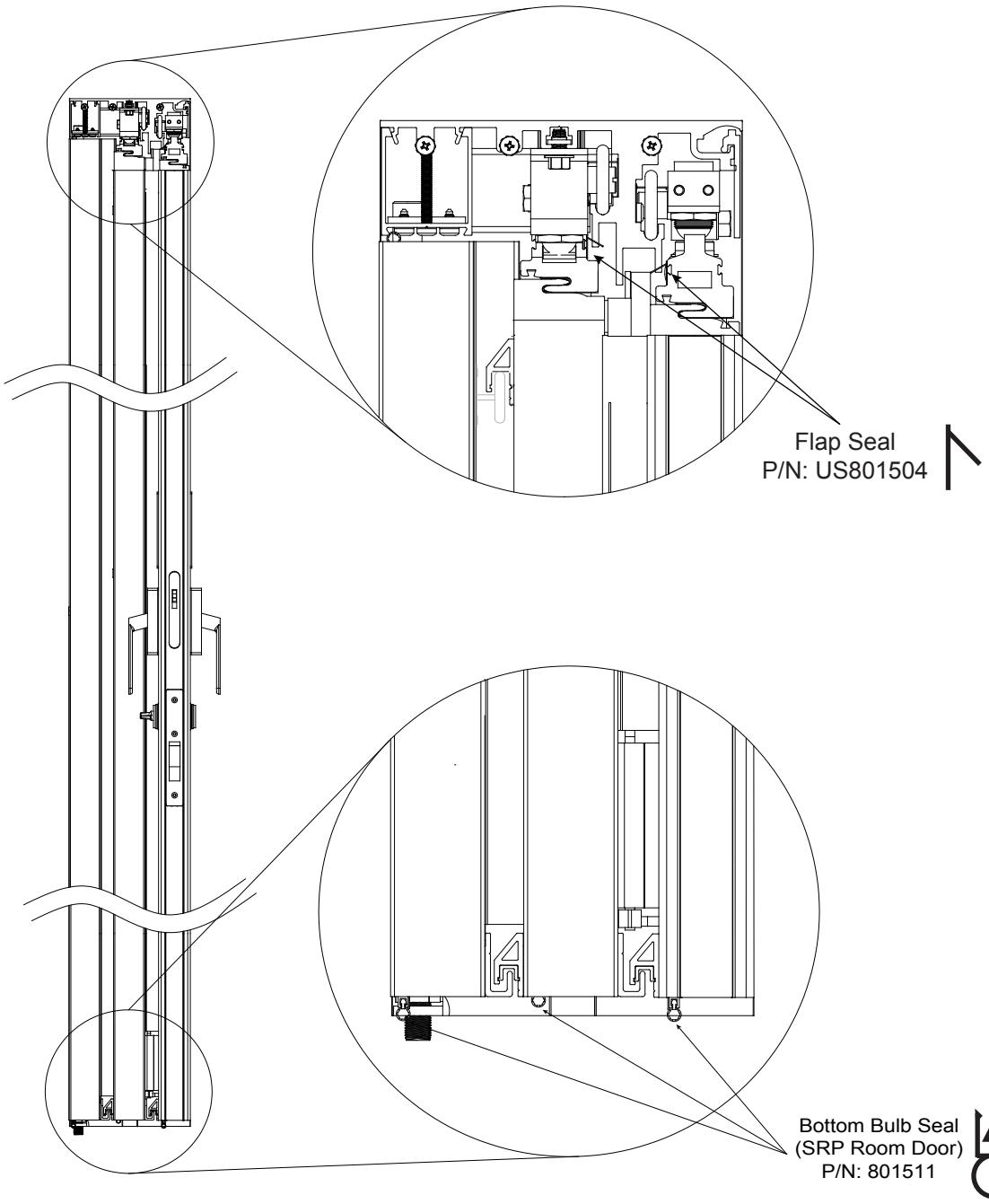
9. SMOKE SEALS - HEADER & BOTTOM RAILS

SR - The door has smoke rated seals to reduce the infiltration of smoke into the room.
SRP - The room is pressurized, so to maintain the pressure additional smoke seals are added to the door.

Smoke Seal

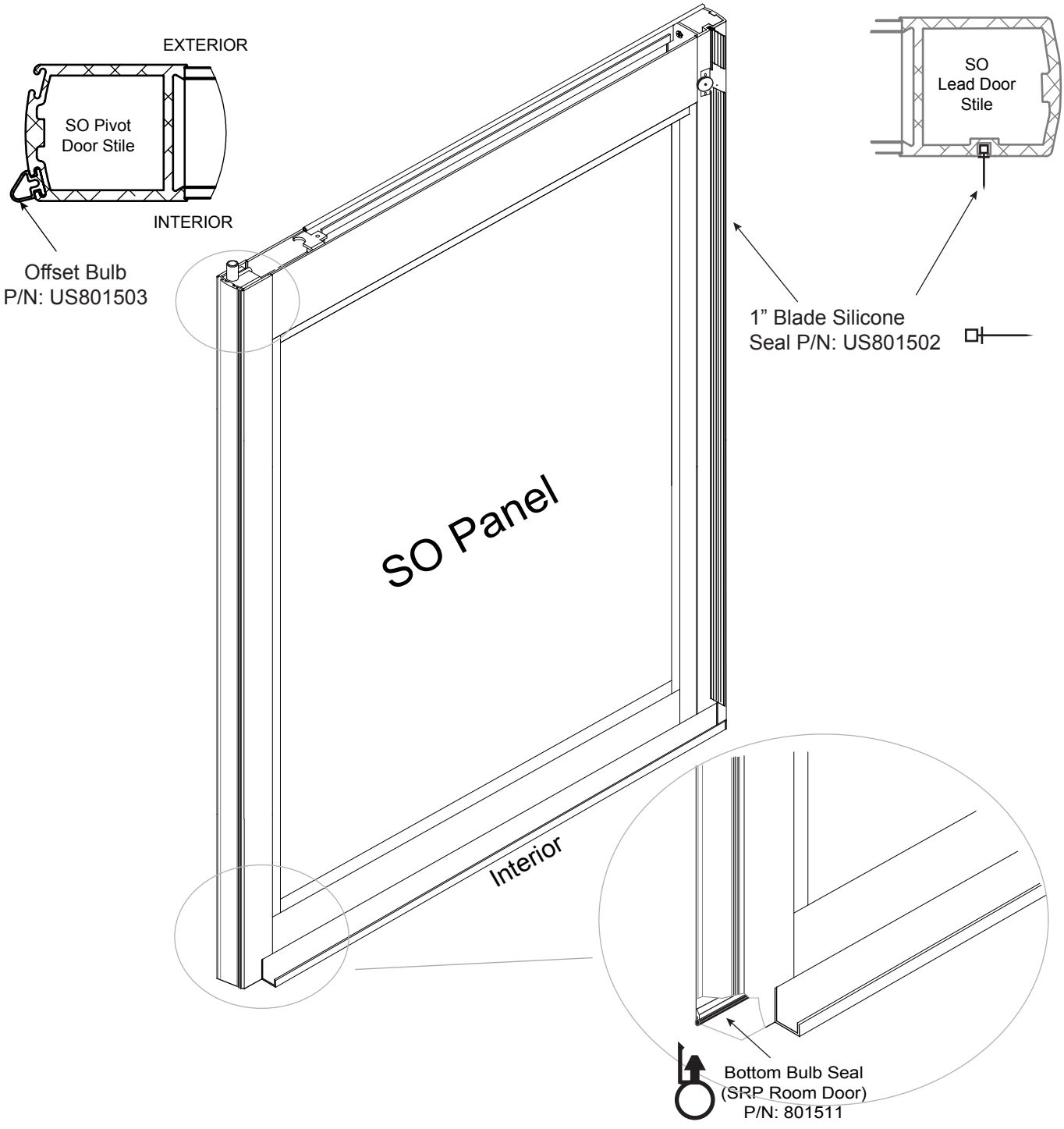
Bulb Seals in the bottom door rails are for SRP rooms.

1. Adjust bottom bulb seals towards the floor to reduce air flow.



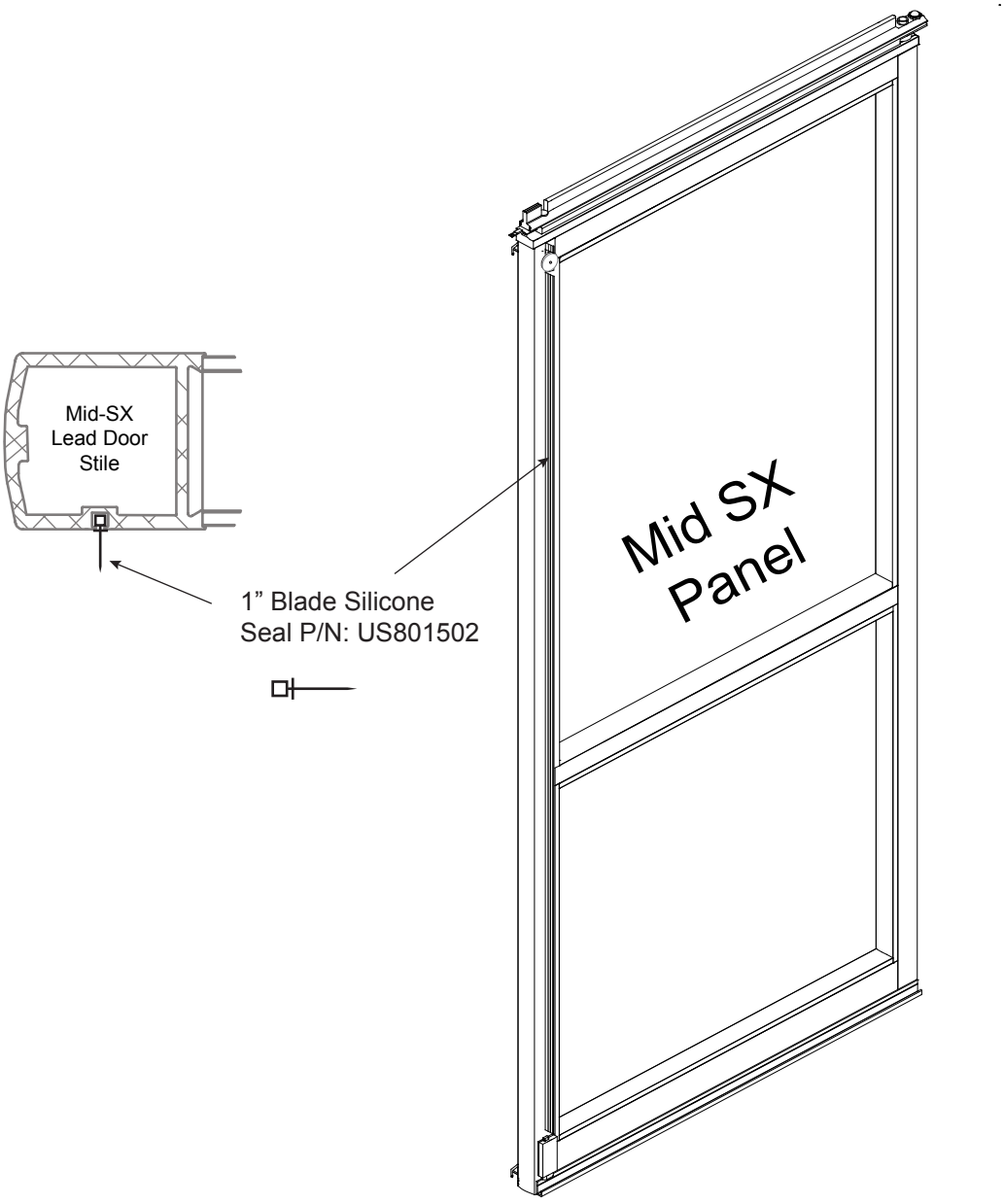
9. SMOKE SEALS - SO STATIONARY PANEL

1. For SRP Rooms, adjust the bottom bulb seal to reduce the gap at the bottom of the door.



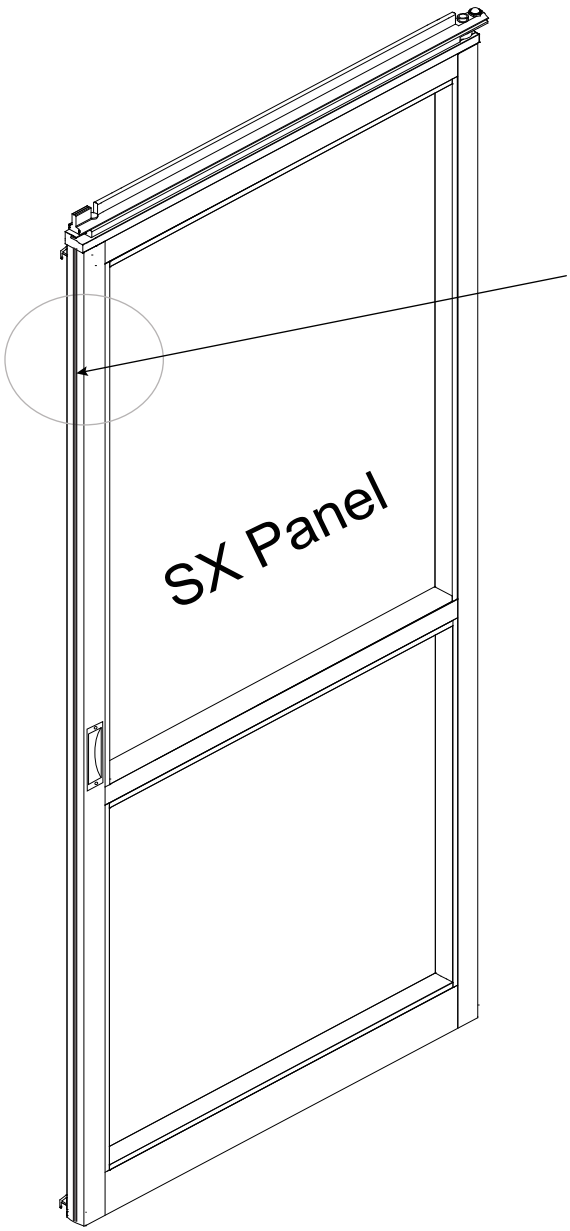
9. SMOKE SEALS - MID-SX PANELS

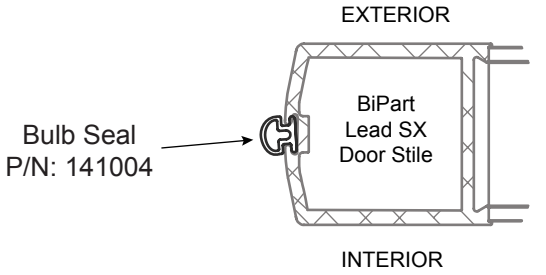
1. For SRP Rooms, adjust the bottom bulb seal to reduce the gap at the bottom of the door.

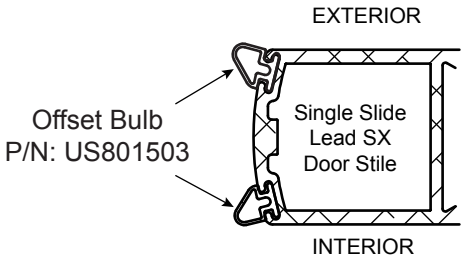


9. SMOKE SEALS - SX PANELS

1. For SRP Rooms, adjust the bottom bulb seal to reduce the gap at the bottom of the door.







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