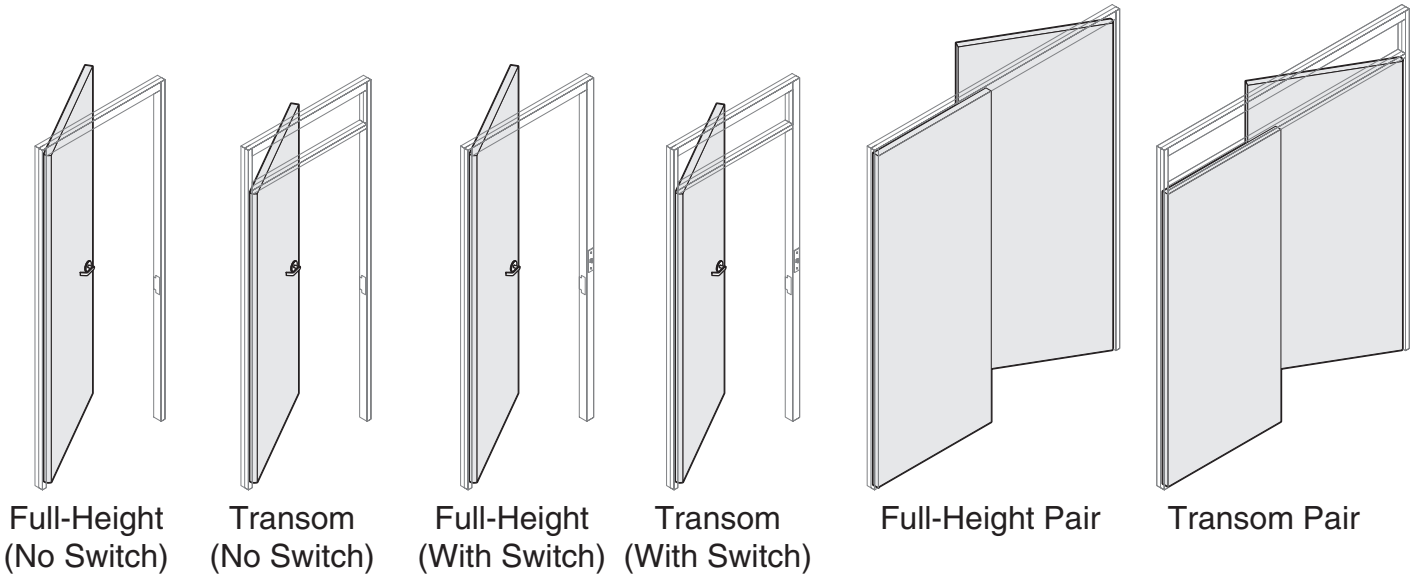




Privacy Wall & Glass Selections Pivot-Hinged Door

(For products manufactured after September 14, 2009)



ETCHED GLASS STYLES:

- Satin
- Mist

PATTERN GLASS STYLES:

- Waterfall
- Bamboo
- Harp
- Mirage

NOTE:

For etched/pattern glass orientation please refer to the installation drawings. Unless noted otherwise, use the default.

DEFAULT GLASS ORIENTATION:

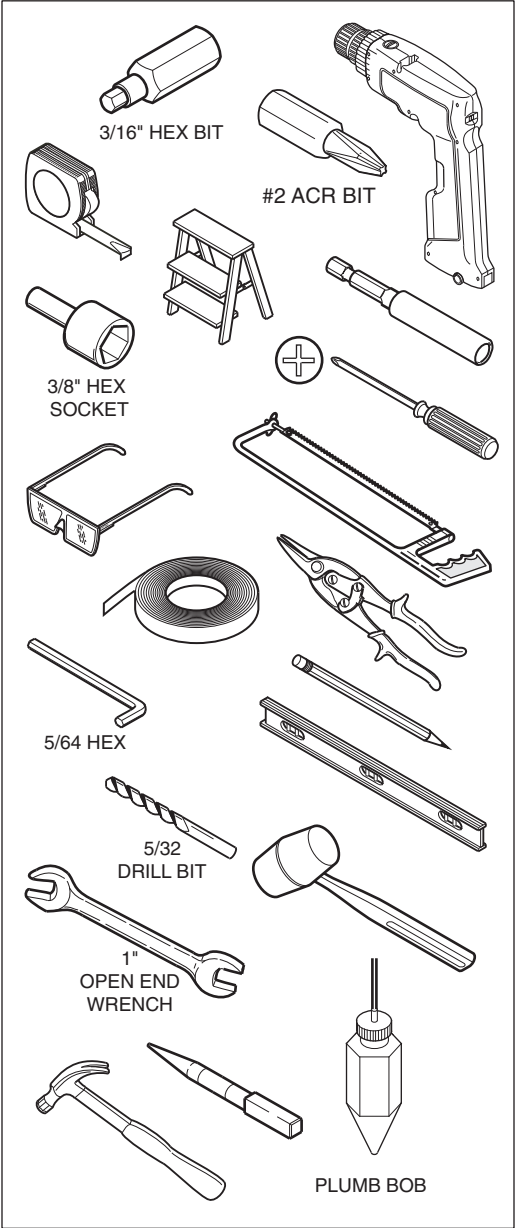
ETCHED GLASS:

Rough side to go on the **inside** of the office space.

PATTERN GLASS:

Rough side to go on the **outside** of the office space.

Topic	Page
Privacy Wall Pivot-Hinged Door Components	2
Glass Selections Pivot-Hinged Door Components	3
Pivot-Hinged Door Frame Assembly	4
High Voltage Switch Installation (optional)	14
Low Voltage Switch Installation (optional)	17
Install Hardware on Inactive Leaf (Door Pairs)	18

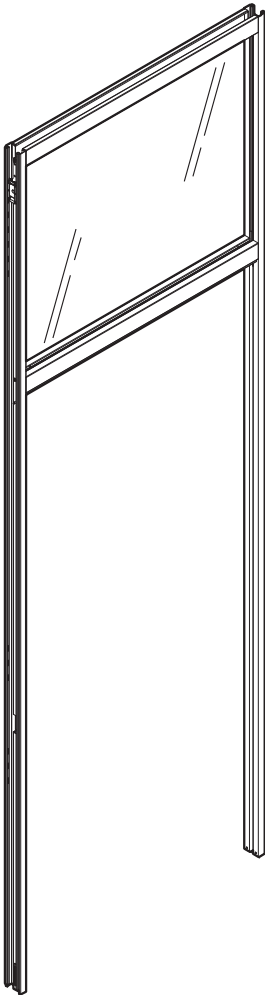


If you have a problem, question, or request, call your local dealer, or Steelcase Line 1 at **888.STEELCASE** (888.783.3522) for immediate action by people who want to help you. (Outside the U.S.A., Canada, Mexico, Puerto Rico, and the U.S. Virgin Islands, call: 1.616.247.2500) Or visit our website: www.steelcase.com

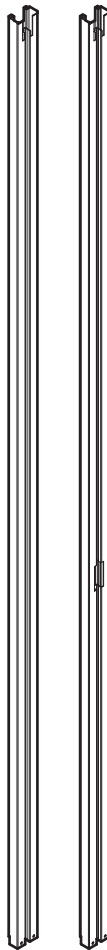
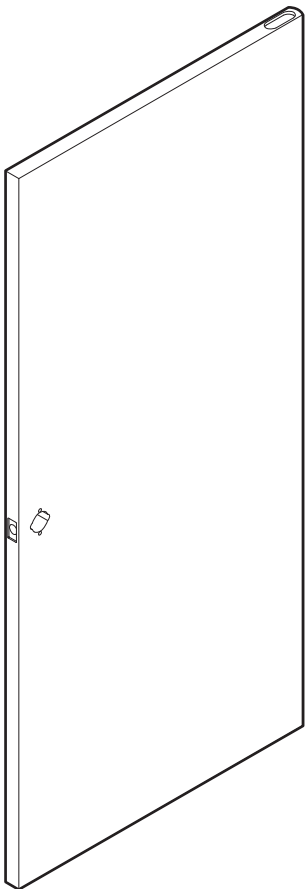
© 2016 Steelcase Inc.
Grand Rapids, MI 49501
U.S.A.
Printed in U.S.A.

Privacy Wall Pivot-Hinged
Door Components

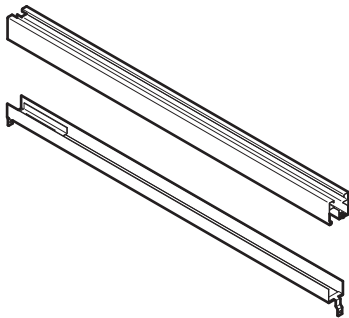
TRANSOM FRAME
(Factory Pre-installed)



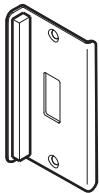
DOOR
(Ordered separately
from frame unit.)



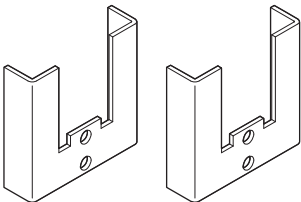
TOP RAIL ASSEMBLY



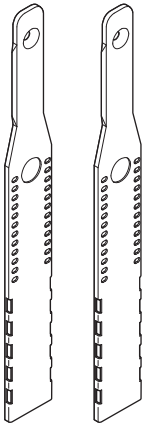
STRIKE PLATE
ASSEMBLY



CLAMP CHANNEL

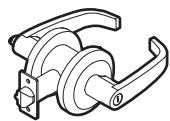


PANEL POST EXTENSION

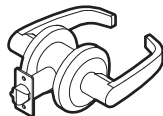


Glass Selections
Pivot-Hinged Door Components

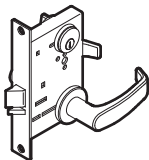
DOOR HANDLE
(ordered separately from door unit)



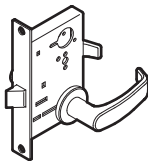
CYLINDRICAL



CYLINDRICAL

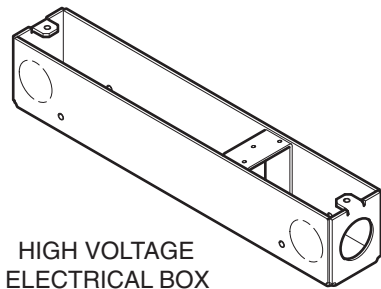


MORTISE

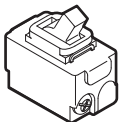


MORTISE

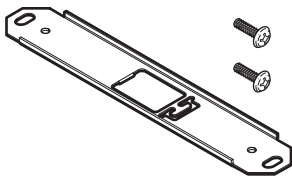
POWER (Optional)
HIGH VOLTAGE COMPONENTS



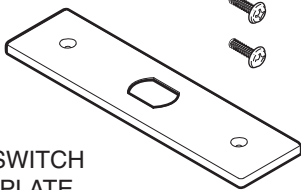
HIGH VOLTAGE
ELECTRICAL BOX



SWITCH

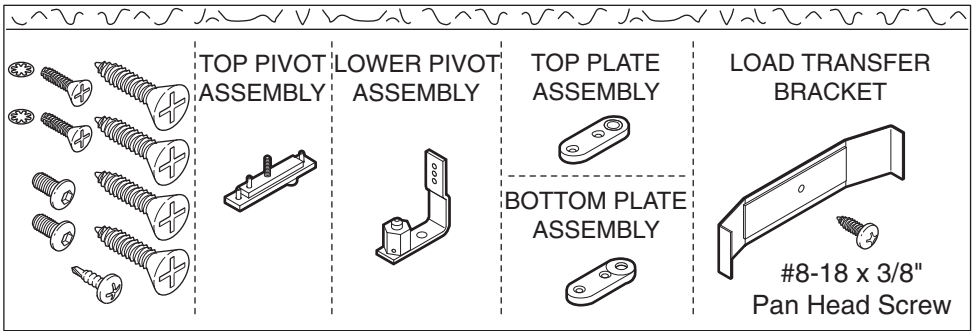


BOX
STRAP



SWITCH
PLATE

PIVOT HARDWARE BAG



TOP PIVOT
ASSEMBLY

LOWER PIVOT
ASSEMBLY

TOP PLATE
ASSEMBLY

LOAD TRANSFER
BRACKET

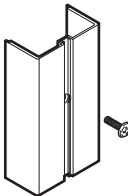
BOTTOM PLATE
ASSEMBLY

#8-18 x 3/8"
Pan Head Screw

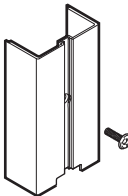
OUTER PLINTH

PRIVACY WALL

WITH SWITCH
(high or low voltage)



KEEPER
SIDE



HINGE
SIDE

NO SWITCH



KEEPER
SIDE



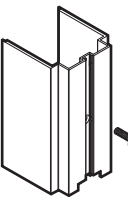
HINGE
SIDE

GLASS SELECTIONS

WITH SWITCH
(high or low voltage)

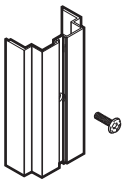


KEEPER
SIDE



HINGE
SIDE

NO SWITCH

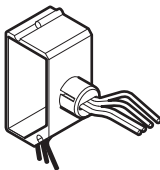


KEEPER
SIDE



HINGE
SIDE

POWER (Optional)
LOW VOLTAGE COMPONENTS



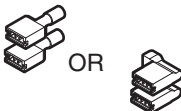
WATT
STOPPER



LOW VOLTAGE
WIRE



LOW VOLTAGE
SWITCH



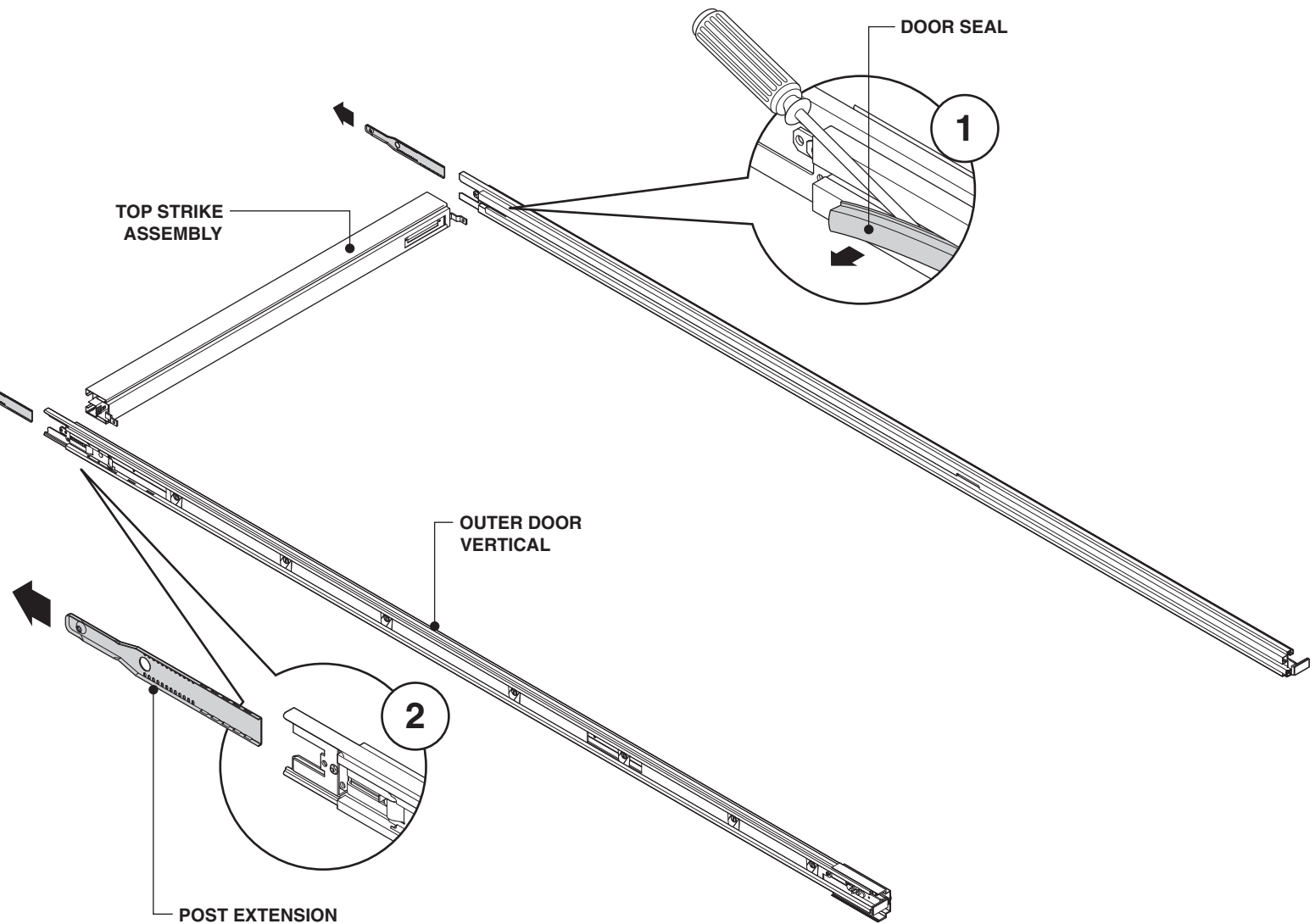
QUICK CONNECTS

1. Remove door seals on each side.

If you have a full height frame, (which comes knocked down) go to step 2.

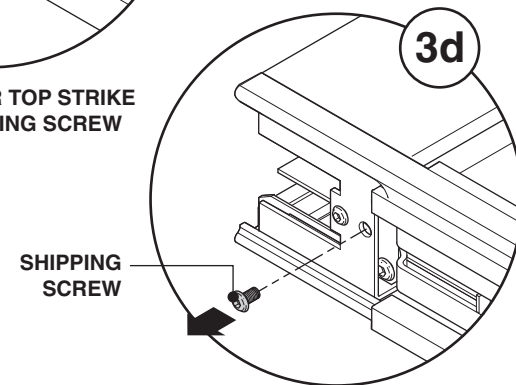
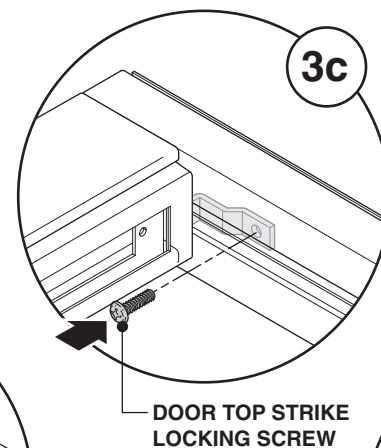
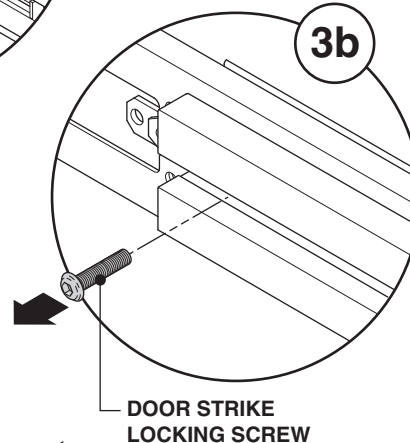
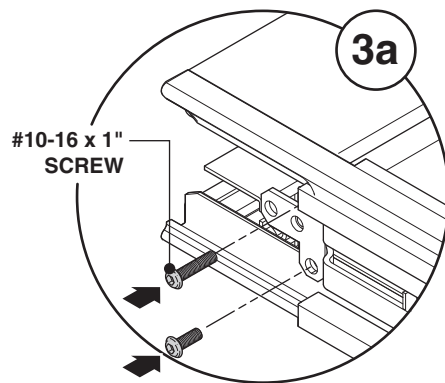
If you have a transom frame, (which comes pre assembled) go to step 5.

2. Remove post extensions on two (2) sides.



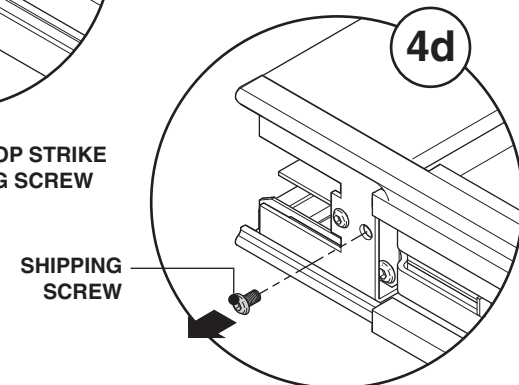
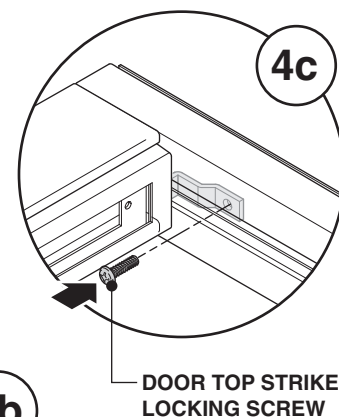
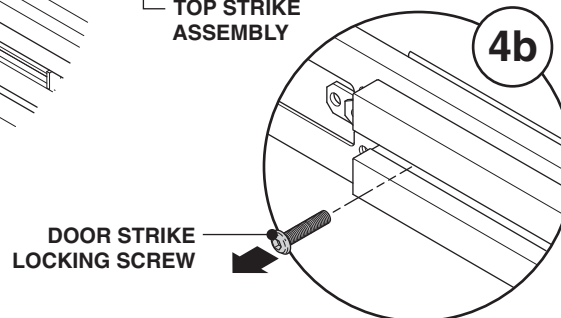
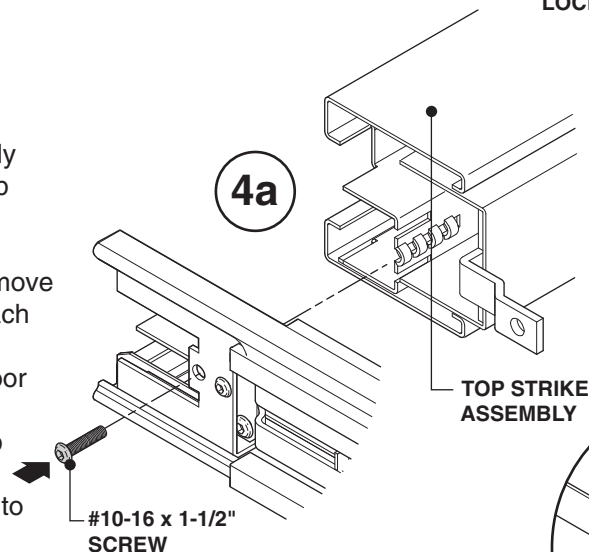
Glass Selections Door Frame Only

3. Assemble top strike assembly to outer door vertical. Secure strike assembly to outer door vertical using two (2) #10-16 x 1" screws per side (3a). Remove door strike locking screws on each side (3b). Insert door top strike locking screw into each outer door vertical as shown (3c). Remove shipping screw from each clamp channel (3d). Replace post extension mounting assemblies to each side.



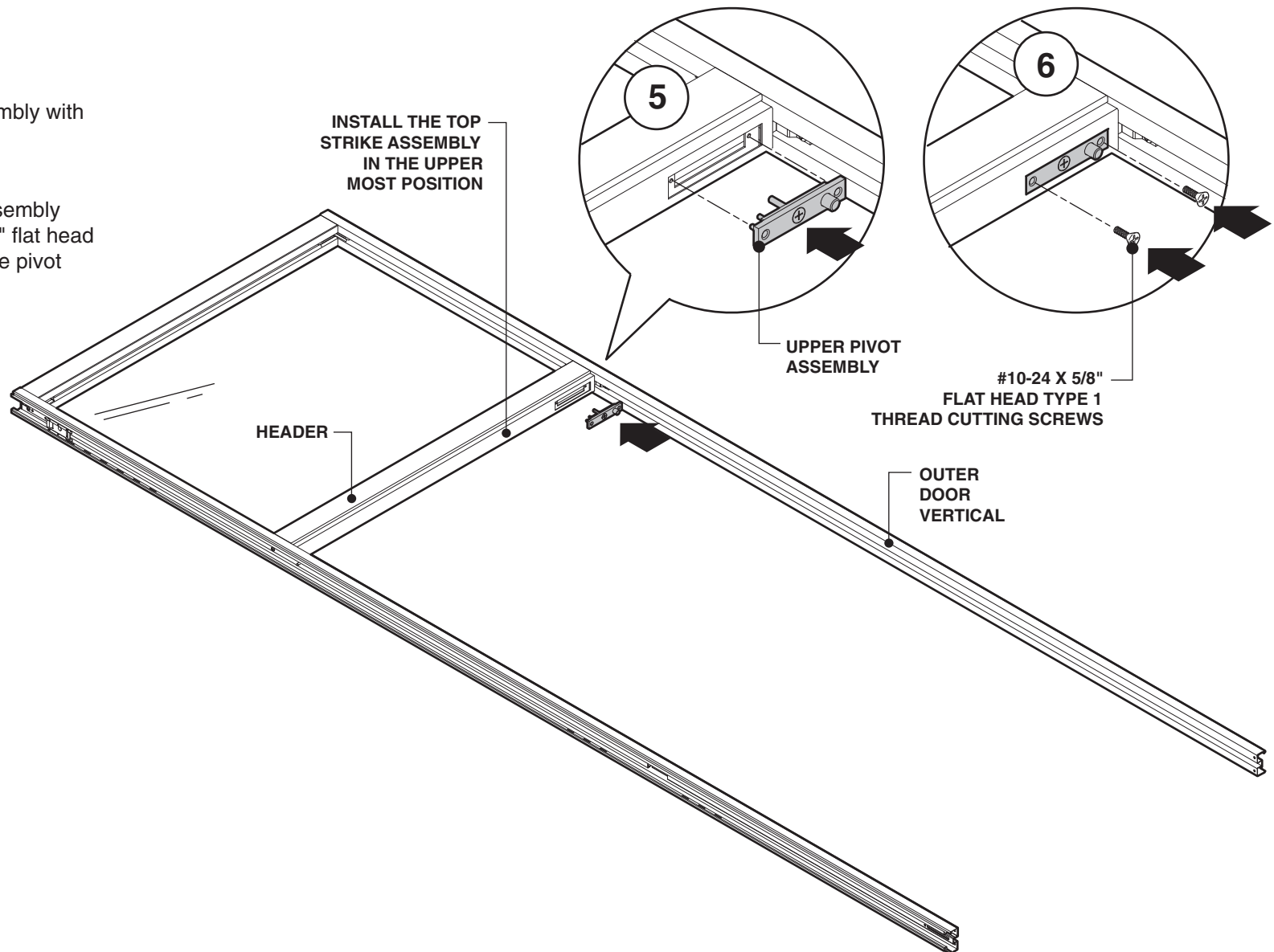
Privacy Wall Door Frame Only

4. Assemble top strike assembly to outer door vertical. Secure top strike assembly to outer door vertical using one (1) #10-16 x 1-1/2" screws per side (4a). Remove door strike locking screws on each side (4b). Insert door top strike locking screw into each outer door vertical as shown (4c). Remove shipping screw from each clamp channel (4d). Replace post extension mounting assemblies to each side.

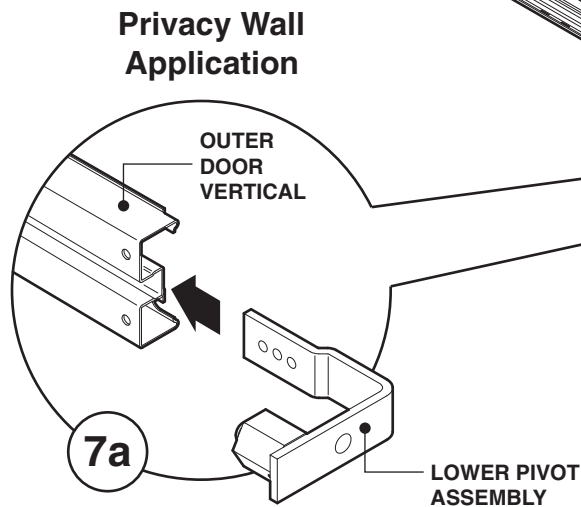
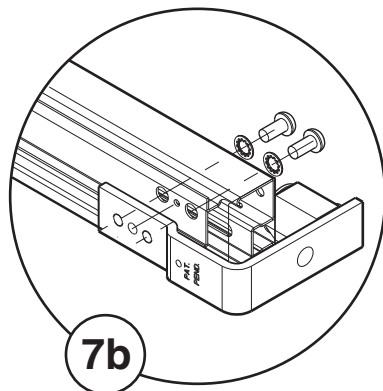


5. Align upper pivot assembly with the opening of the header.

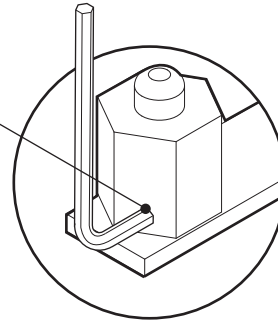
6. Secure upper pivot assembly using two (2) #10-24 x 5/8" flat head type screws provided in the pivot hardware kit.



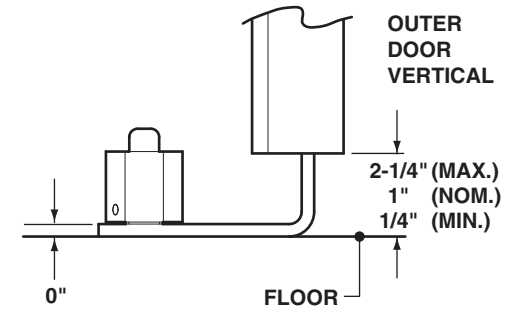
7. Insert the lower pivot assembly into the bottom of the outer door (7a). Loosely secure two (2) 1/4-20 x 1/2" round screws and two (2) lock washers (7b) provided in the pivot hardware kit (Privacy wall application shown).



ASSEMBLE TO 0" THEN
TIGHTEN THE SET SCREW

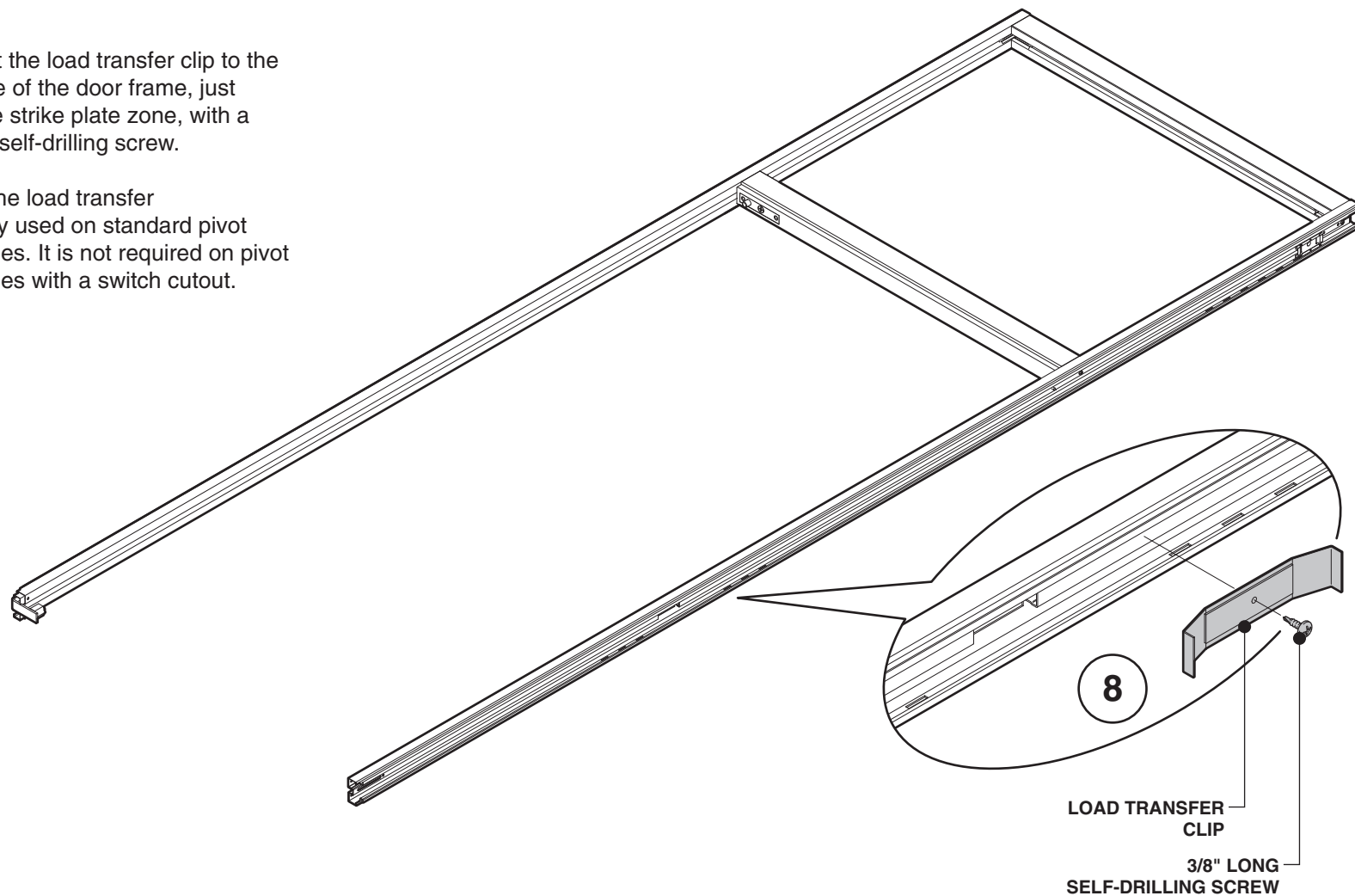


SIDE VIEW



8. Mount the load transfer clip to the strike side of the door frame, just above the strike plate zone, with a 3/8" long self-drilling screw.

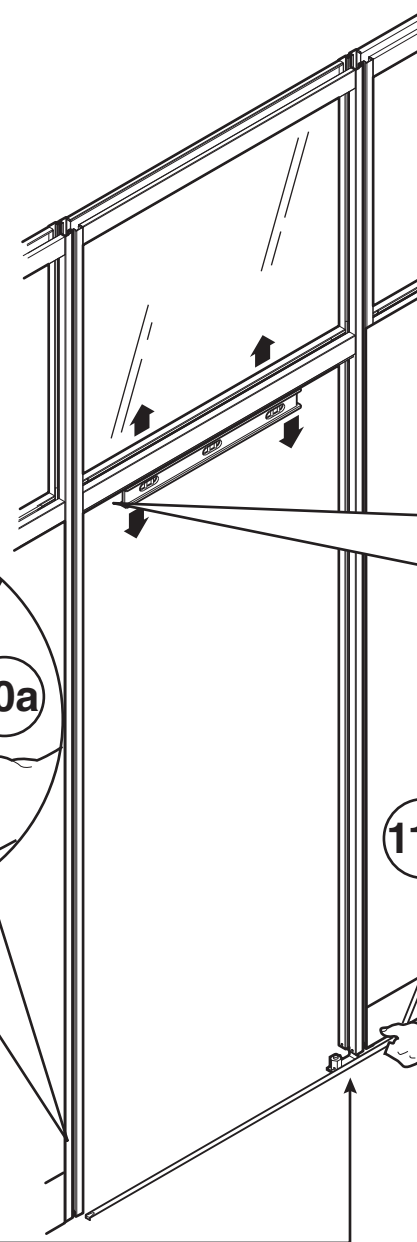
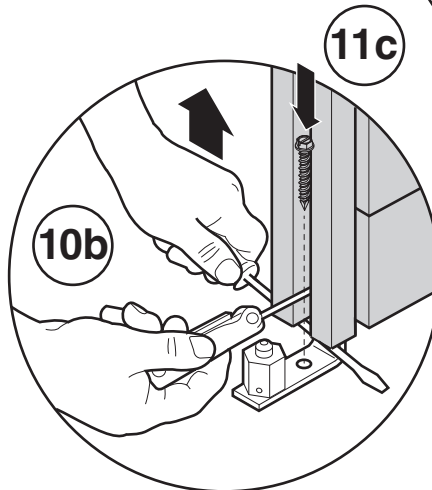
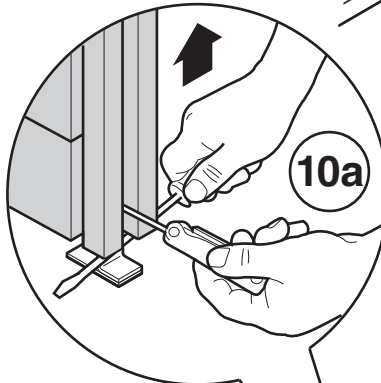
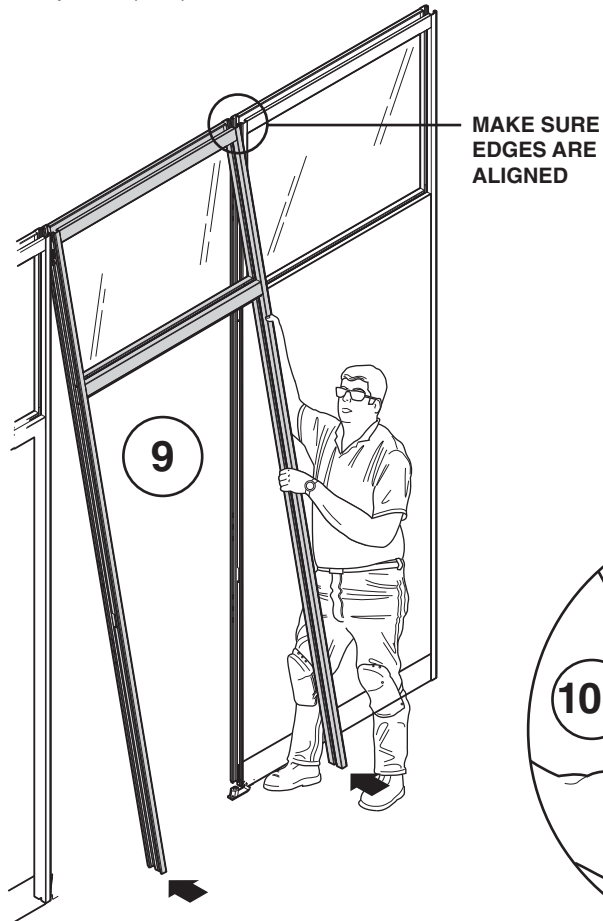
NOTE: The load transfer clip is only used on standard pivot door frames. It is not required on pivot door frames with a switch cutout.



9. Lift frame up and align with panels.

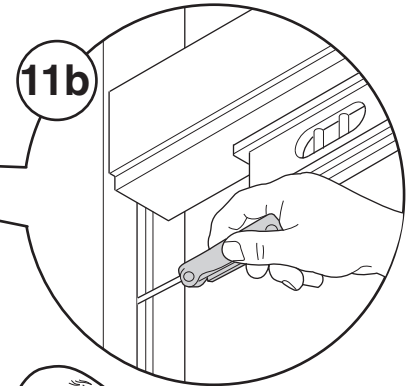
10. Tighten screws securing the door verticals adjustment (10a) and (10b).

11. Set squareness by measuring door opening at top strike and bottom (11a), leveling top strike and tightening screws on two sides (11b). Anchor pivot brackets required (11c).



When a door frame is positioned adjacent to a mini-end, the lower pivot assembly must be anchored to the floor.

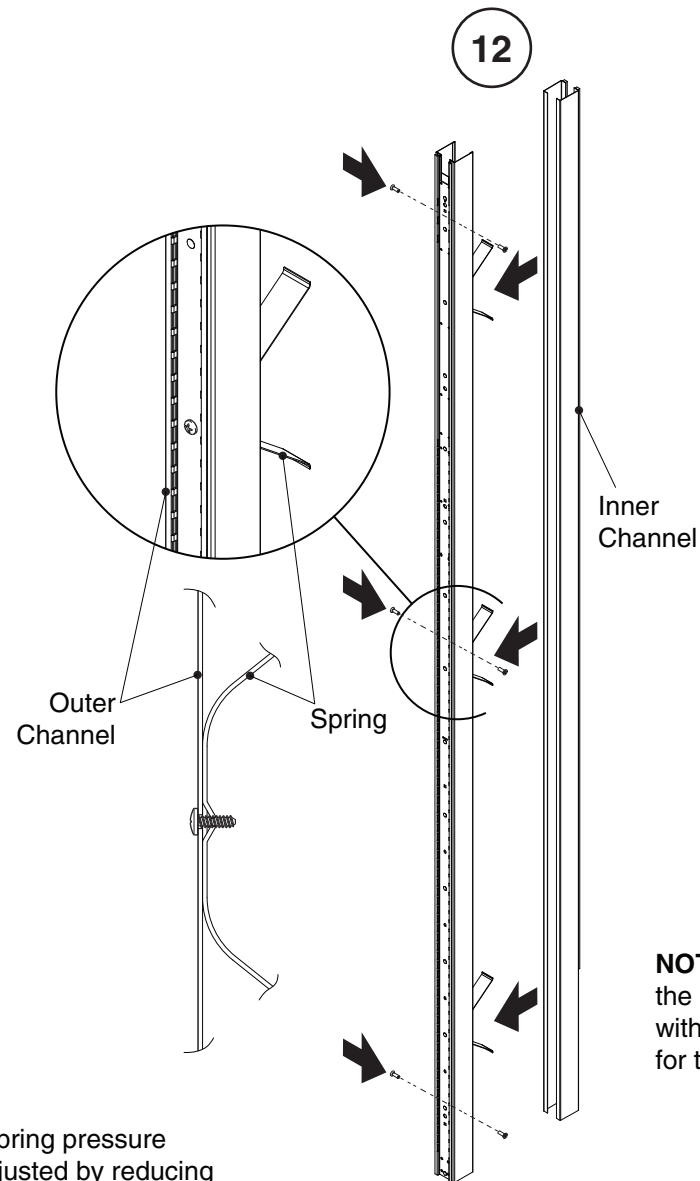
While the dual-lock patch on the pivot bracket can be useful in stabilizing the door frame when installed on secure carpet, Steelcase recommends anchoring the pivot bracket as shown.



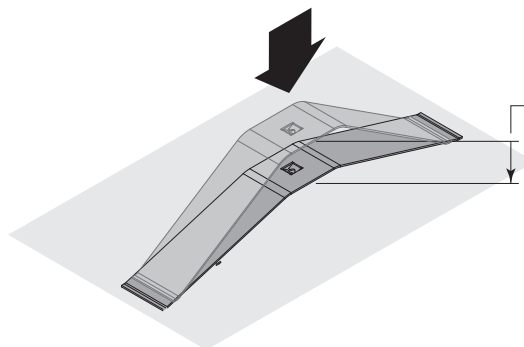
NOTE: Starting December 2019, a predrilled hole to accommodate a 1/4" diameter fastener will be added to the pivot bracket. Prior to this, it is necessary for installers to drill the anchor hole. On a concrete floor a Tapcon type fastener is recommended.

Tip (Mini Ends) with Adjacent Doors

NOTE: When installing a door frame adjacent to a mini end, it may be necessary to adjust the spring pressure to prevent bowing of the door frame from excess spring pressure.



NOTE: It is recommended that the mini end be secured in position with small flat head undercut screws for the added stability.



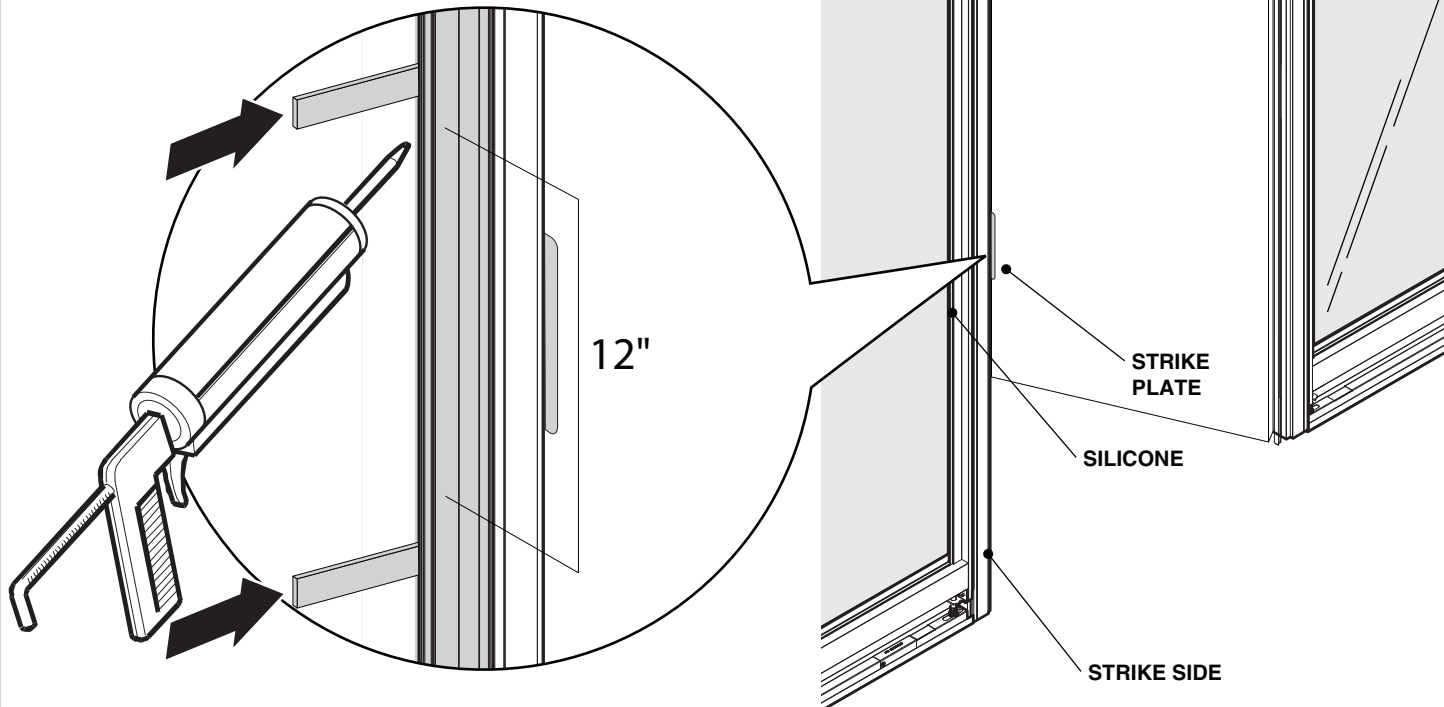
NOTE: Spring pressure can be adjusted by reducing the spring height or reducing the quantity of springs.

13. Ensure the vertical frame is straight and in the proper position for the door to open and close.

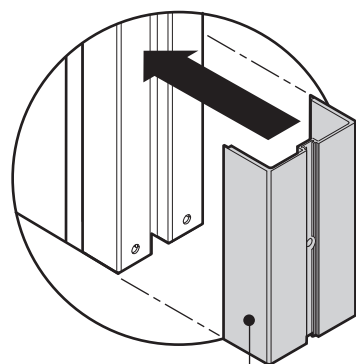
When a door is adjacent to a glass all panel, silicone should be used to secure the glass wall vertical in place on the strike side of the door. Failure to do so can result in movement of the vertical frame member and failure of the door to open.

Shim the vertical channel slightly away from the glass to add silicone between the glass and the channel in an approximately 12" area centered with the strike plate.

Repeat procedure on opposite side of wall.

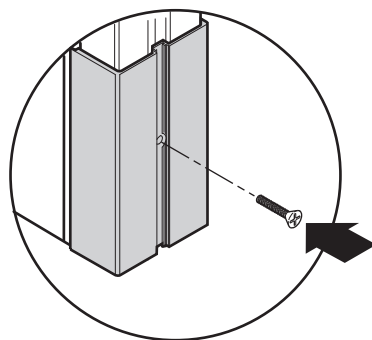


14. Attach outer plinth on each side at the base of the frame with a #10-16 x 1" flat head screw provided and attach felt over plinth as shown.

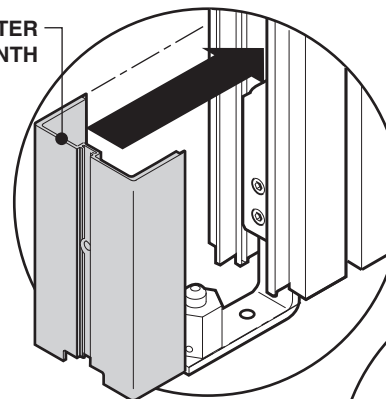


OUTER
PLINTH

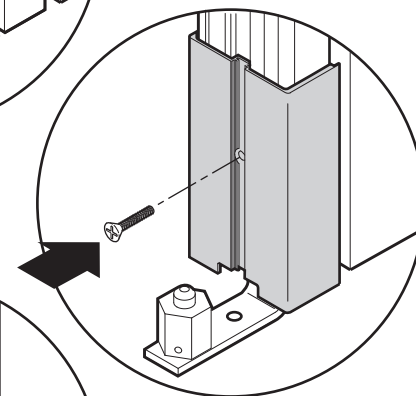
14



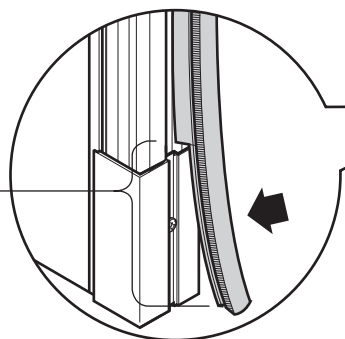
OUTER
PLINTH



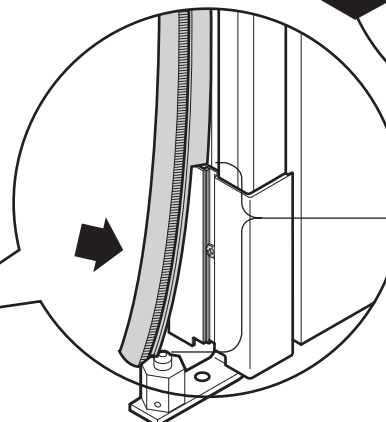
14



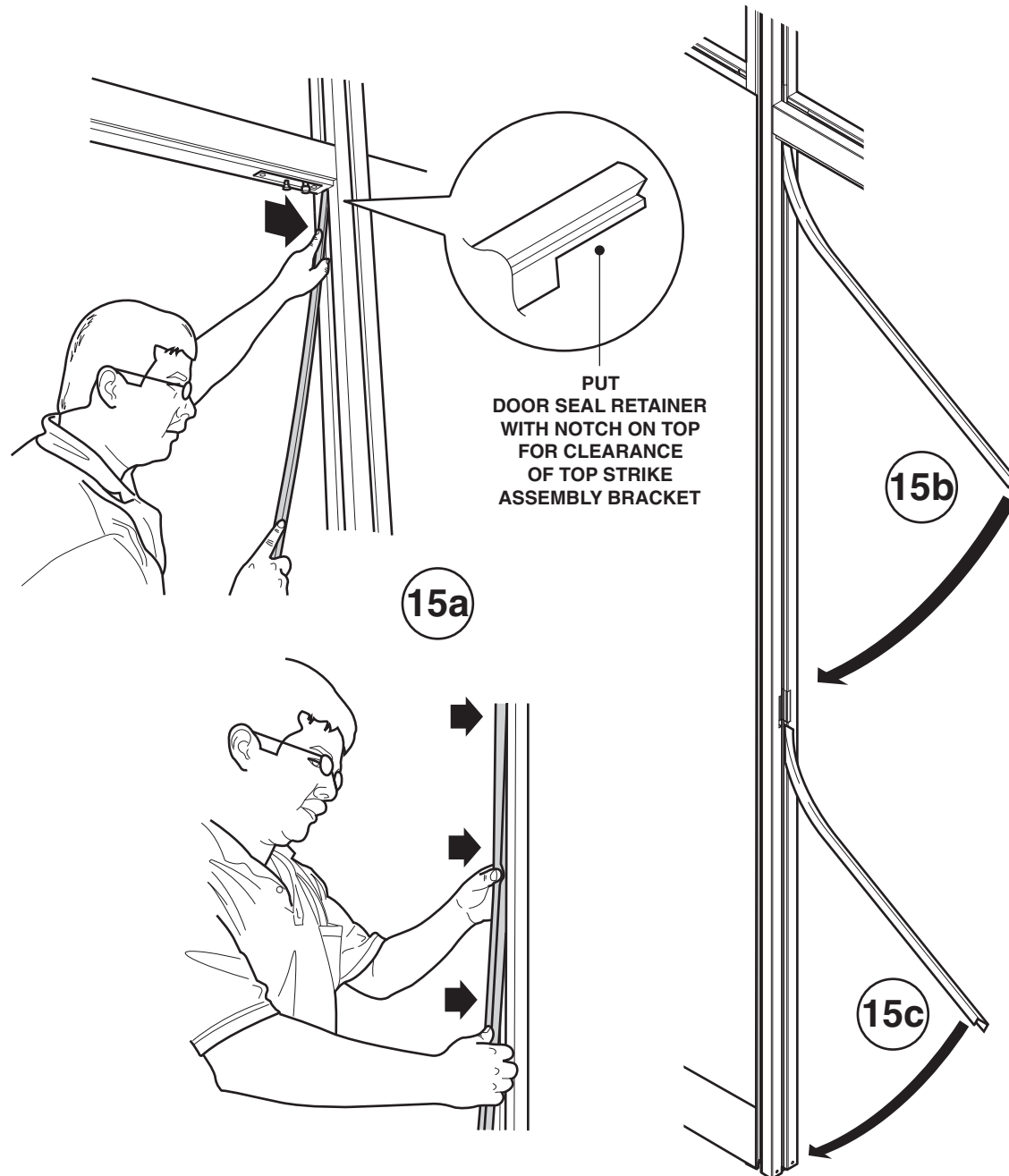
DOOR SEAL RETAINER
REMOVED AND DOOR
SEAL INSTALLED INTO
PLINTH



DOOR SEAL RETAINER
REMOVED AND DOOR
SEAL INSTALLED INTO
PLINTH



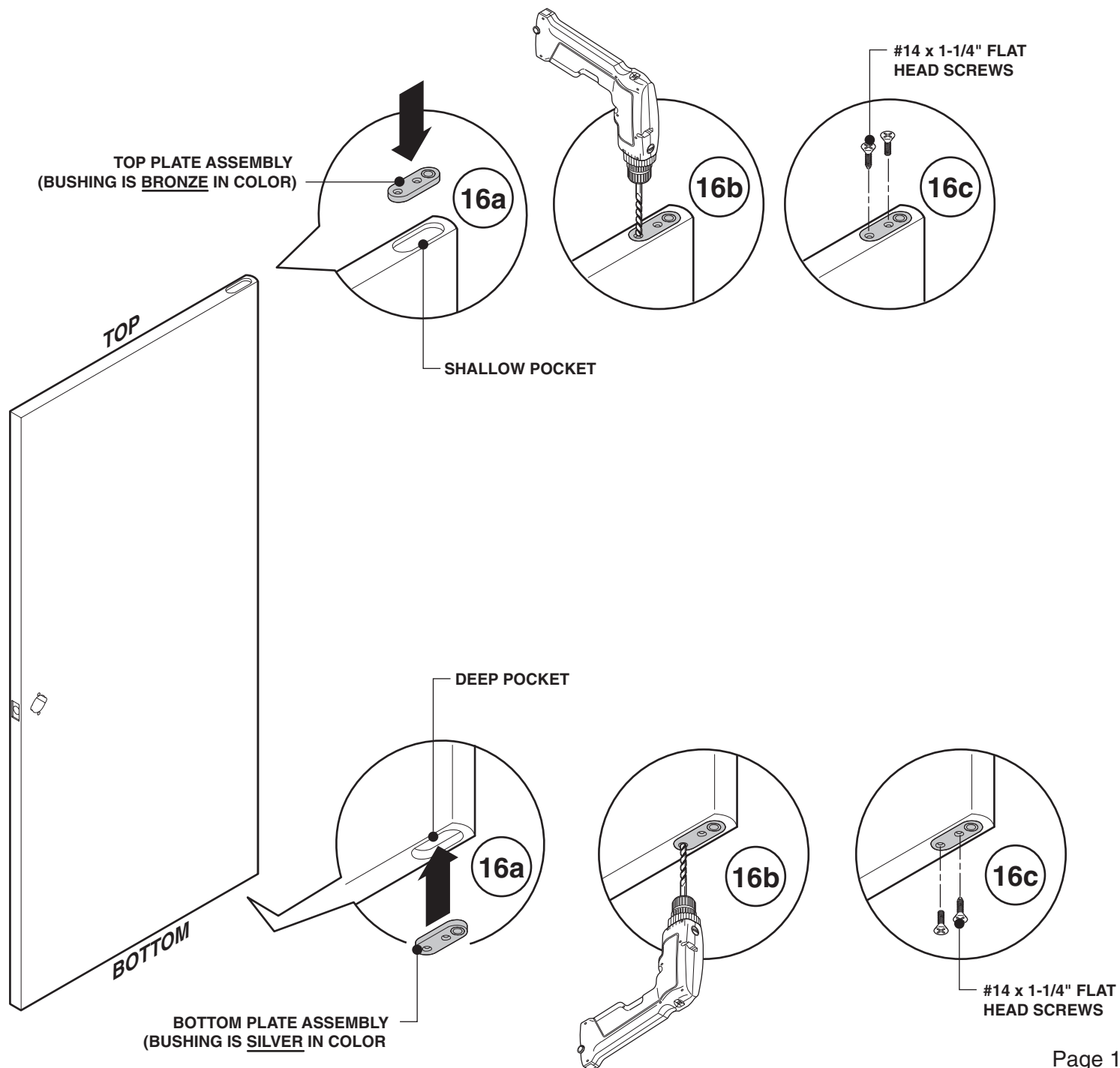
15. Measure and cut the door seal. On hinge side, apply door seal assembly at top and work downward (15a). On strike plate side, apply door seal strip in two (2) spaces (15b & 15c).



16. Drill 5/32" dia. pilot holes (16b). Install upper and lower bushings (from pivot hardware kit shipped with door frame) into the routed pockets on the top and bottom of the door and secure with #14 x 1-1/4" flat head screws provided (16c).

NOTE: The top and bottom bushings are different. Make sure to install the bushings in the correct orientation and location. The bushing with the bronze bearing installs in the shallow pocket routed at the top of the door (16a).

NOTE: The door is packaged/shipped separately from the door frame package.



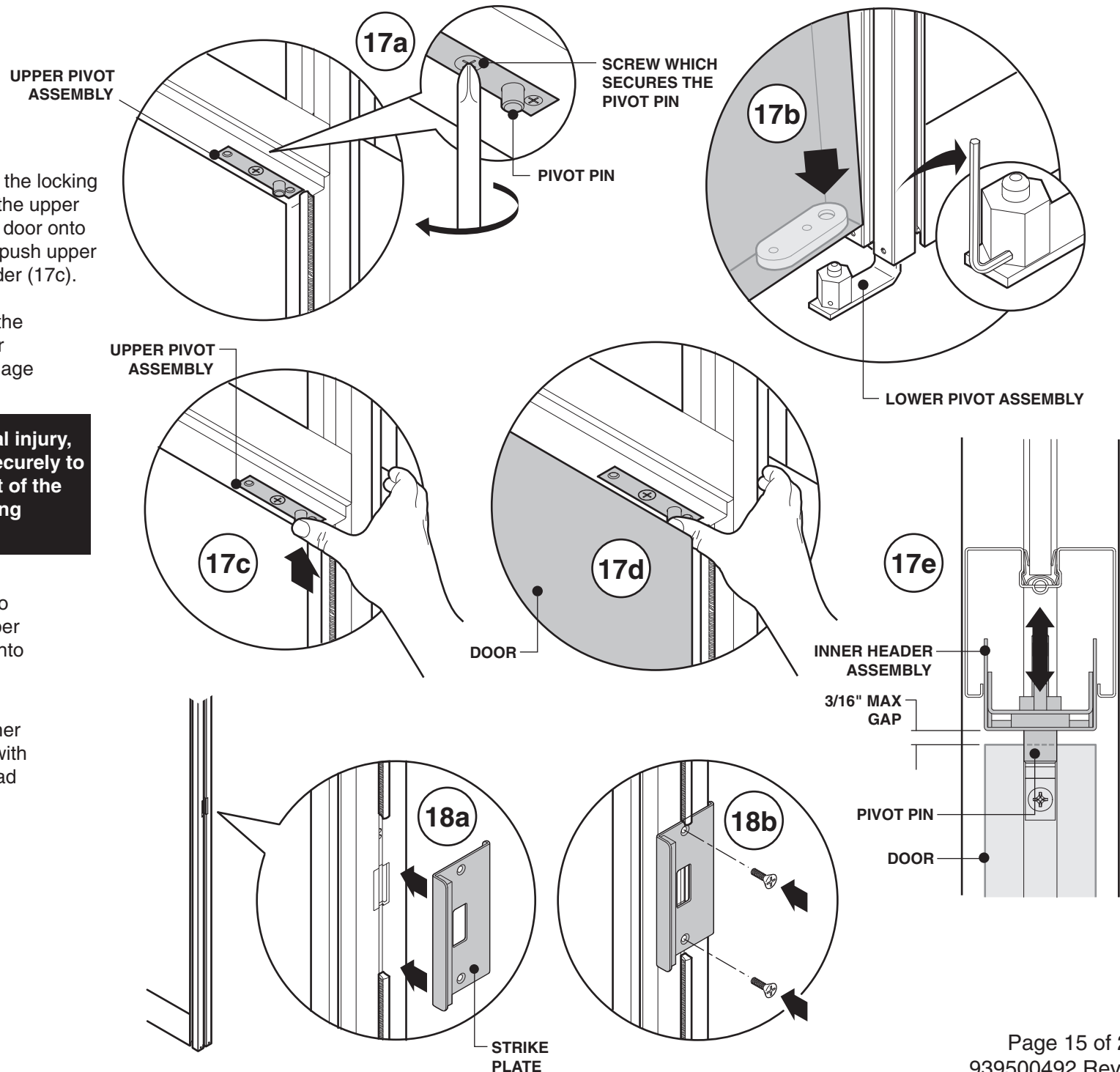
17. Loosen, but do not remove the locking screw securing the pivot pin on the upper pivot assembly (17a). Install the door onto lower pivot assembly (17b) and push upper pin assembly into the inner header (17c).

Tilt the door into position under the header and pin (17d). The upper pivot pin must drop into and engage the upper pivot bushing.

CAUTION: To prevent personal injury, retighten the locking screw securely to maintain positive engagement of the upper pivot pin into the bushing assembly on the door.

Tighten locking screw securely (recommend hand screwdriver to prevent damage) to ensure proper engagement of upper pivot pin into top of door.

18. Install strike plate to the inner door vertical (strike side) (18a) with the two (2) #10-16 x 1/2" flat head screws provided (18b).

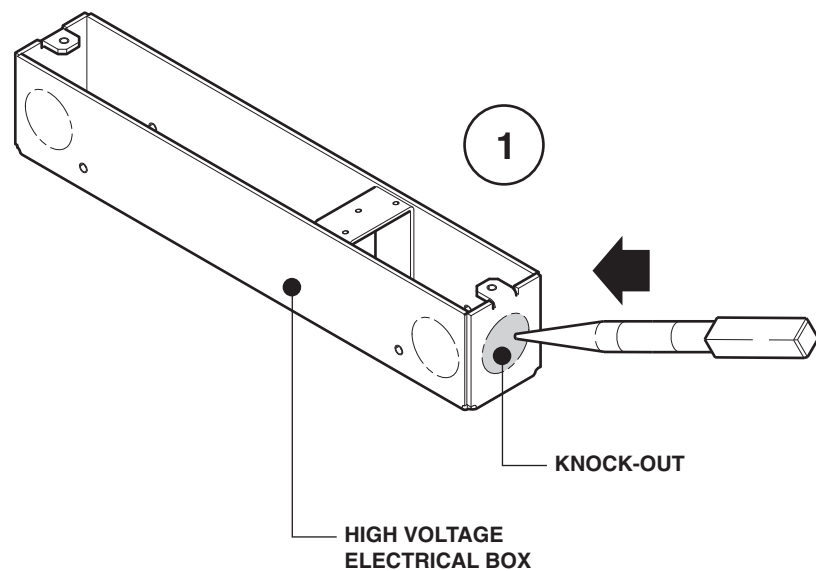
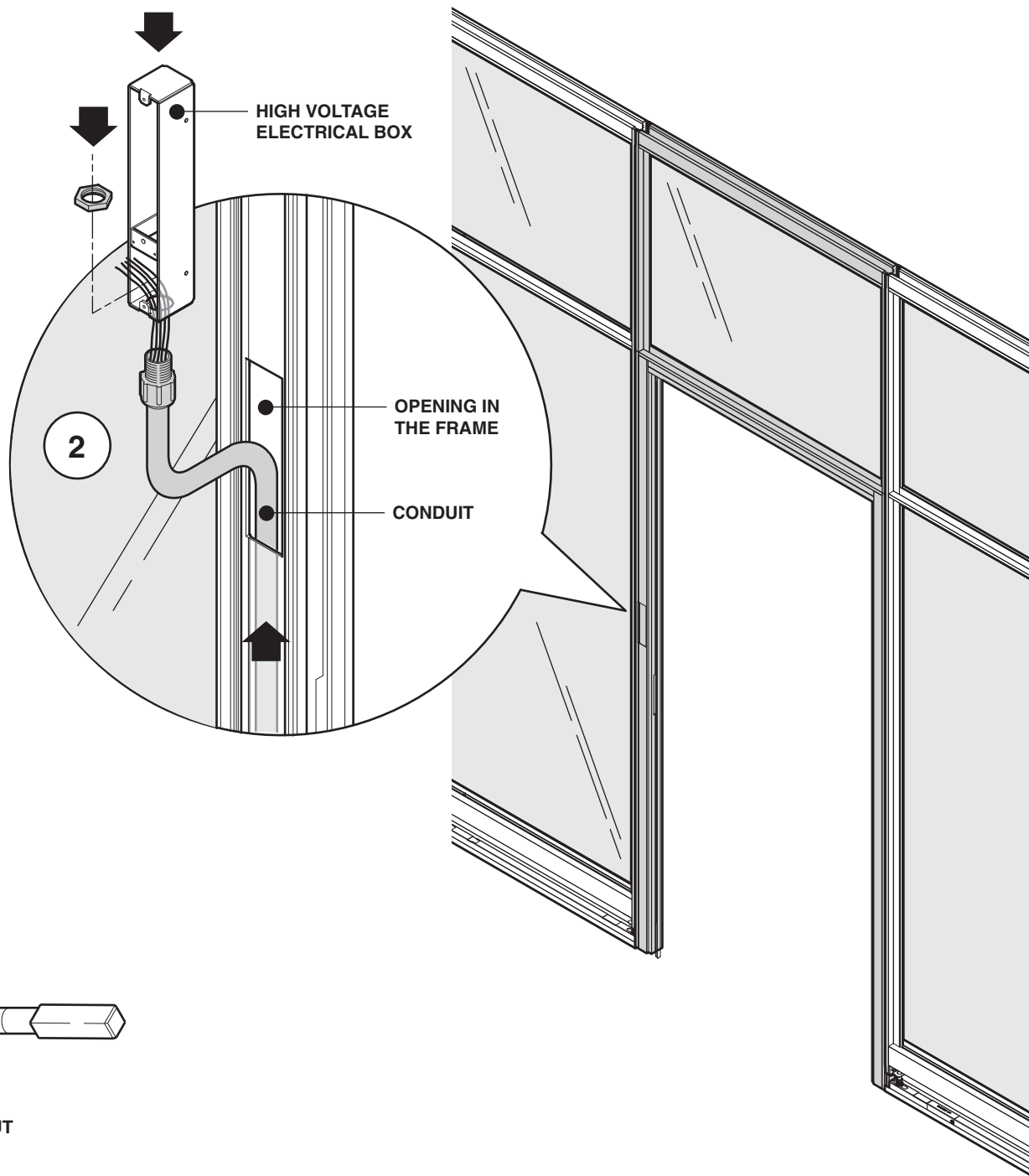


High Voltage Switch Installation (optional)

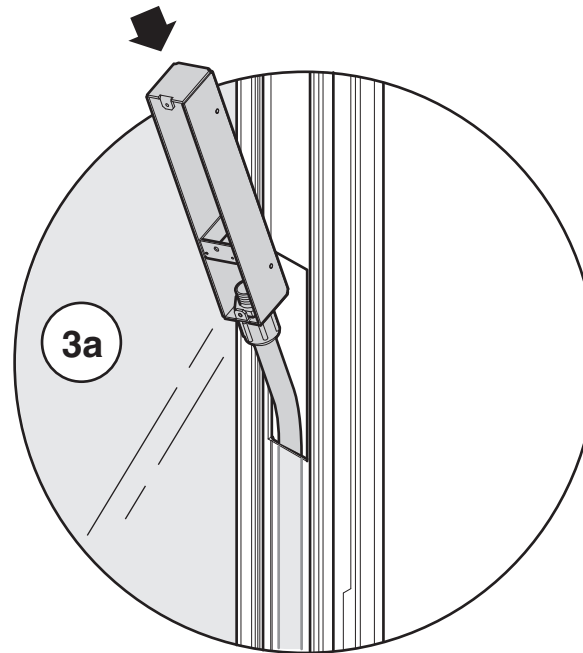
1. Remove the desired knockout on the high voltage electrical box.

NOTE: Only the bottom knock-out can be removed for the Glass Selections Transom scenario because the power cannot be routed through the ceiling. All other scenarios can be routed through the ceiling.

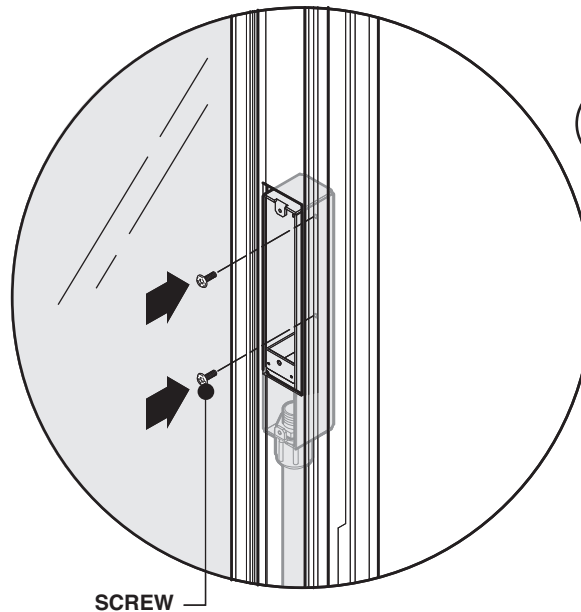
2. Route the conduit through the frame, out of opening in the frame and attach to the high voltage electrical box depending on the desired scenario.



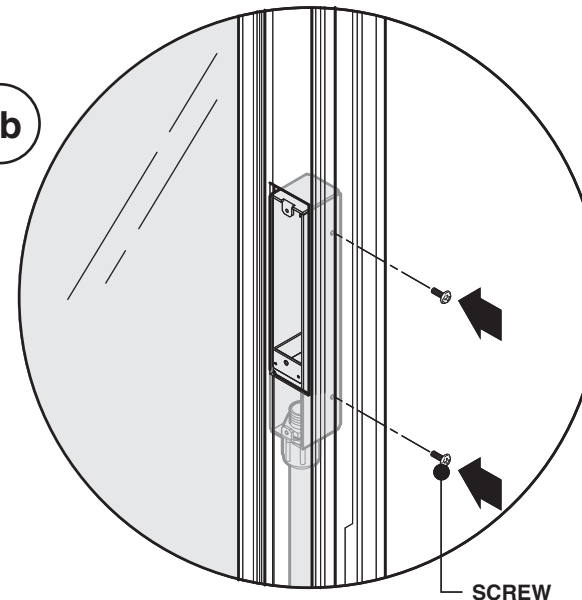
3. With conduit properly attached, feed conduit back through opening in frame including the high voltage electrical box (3a). Attach box to vertical rail (3b). Attachment method depends on if your installing Privacy Wall or Glass Selections.



**Privacy Wall
Version**



**Glass Selections
Version**

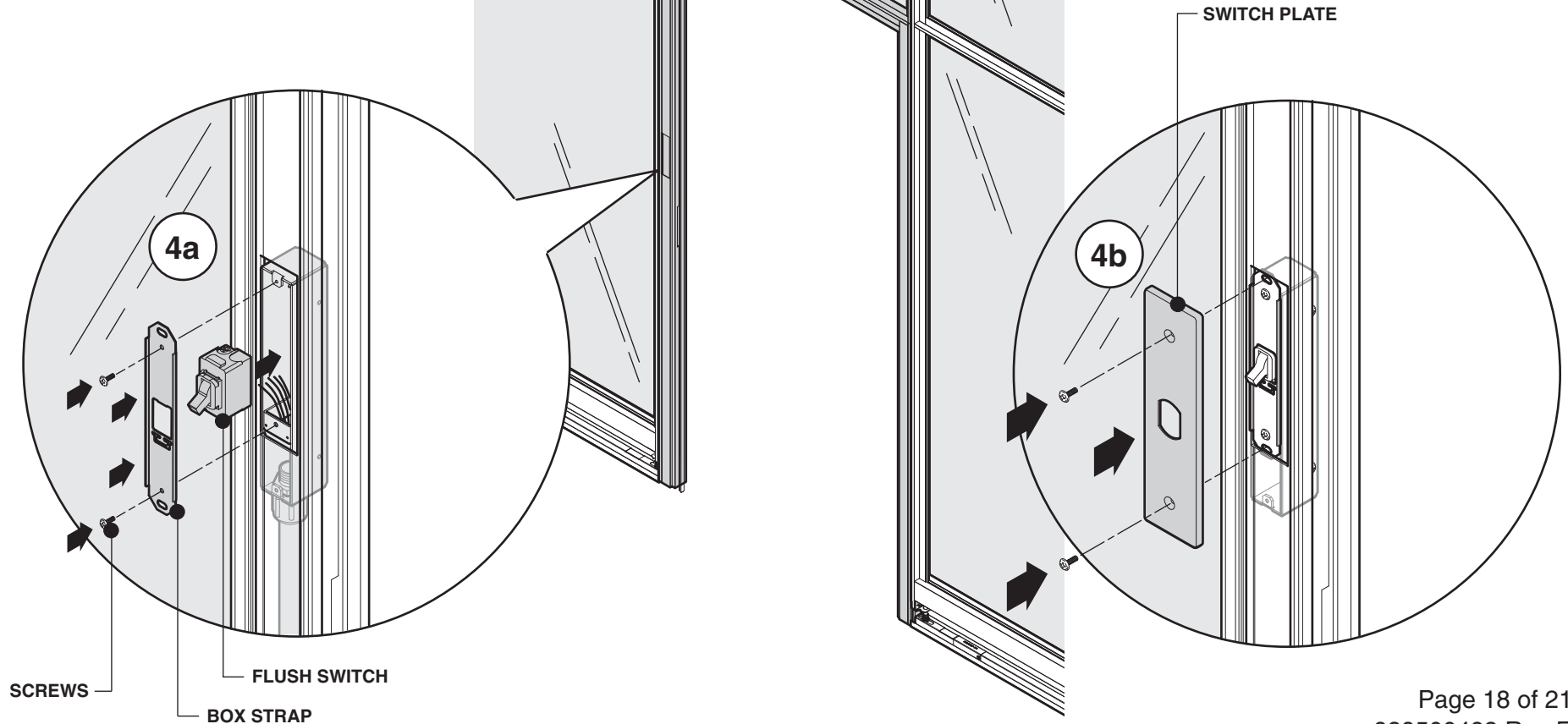


4. Snap flush switch onto box strap.
Wire switch.

NOTE: Must be a licensed electrician to wire switch.

Attach wired assembly to electrical box using two (2) screws (4a).

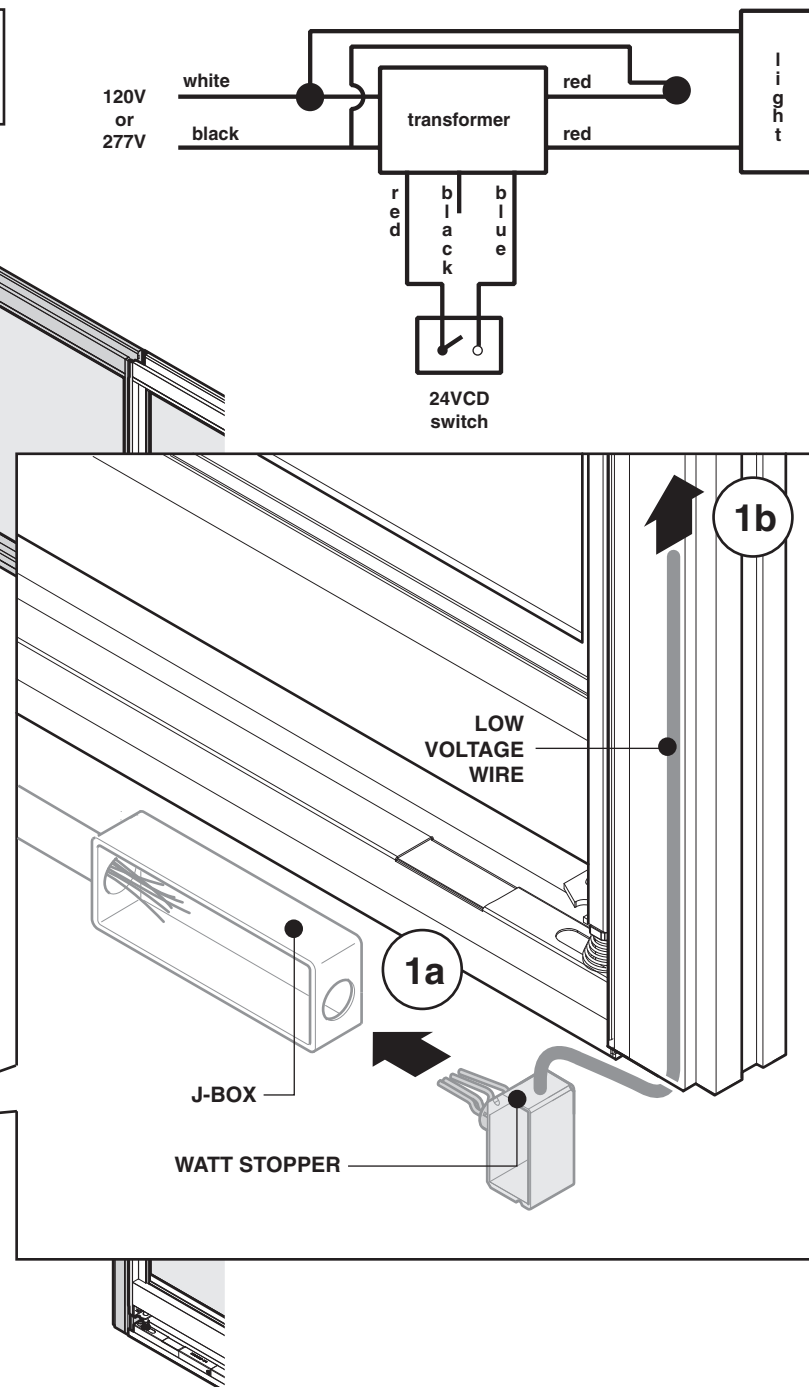
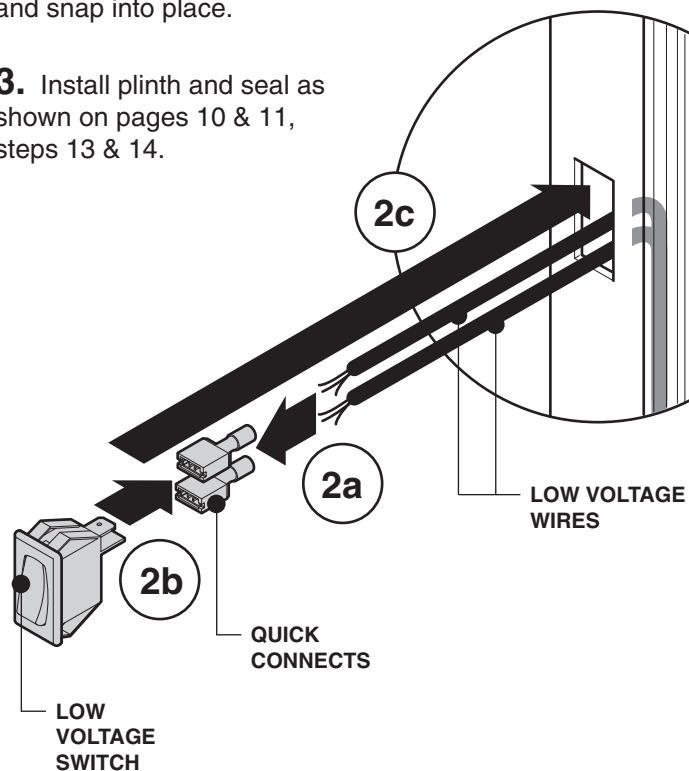
Attach switch plate to electrical box using two (2) screws (4b).



WARNING: All electrical installations should be done by a qualified electrician in accordance with codes and regulations applicable at the installation site.

Low Voltage Switch Installation (optional)

1. Attach watt stopper to J-box (1a). Route low voltage wire up through bottom of frame or down from top of frame in full height scenerios only (1b).
2. Pull low voltage wire through opening and attach to quick connects (2a). Attach low voltage switch to quick connects (2b) and insert assembly into hole (2c) and snap into place.
3. Install plinth and seal as shown on pages 10 & 11, steps 13 & 14.



Install Hardware on Inactive Leaf (Door Pairs)

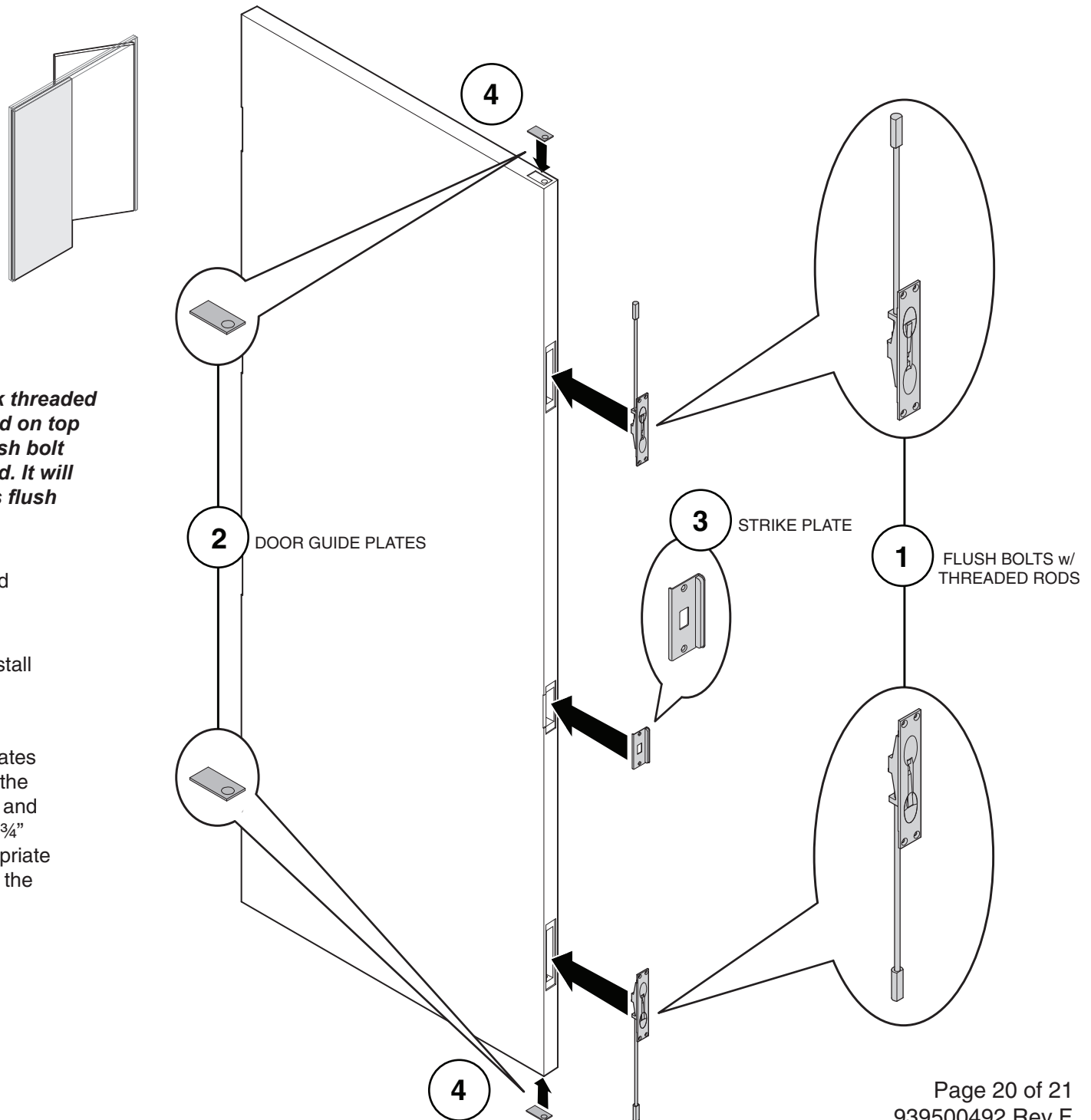
1. Install flush bolts with threaded rods into inactive door leaf using screws provided.

Note: For transom height doors, the stock threaded rod that comes with the flush bolts is used on top and bottom. For full height doors, the flush bolt used at the top uses the long threaded rod. It will need to be cut to length so that the bolt is flush with the top of the door.

2. Install the door guide plates to the top and bottom of the door.

3. Hang inactive door leaf into frame and install strike plate.

4. Mark location for top and bottom strike plates on header and floor. Drill necessary holes in the door header and floor for attachment screws and to receive flush bolt rods. 5/8" diameter hole 3/4" deep is sufficient to receive rods. Use appropriate fasteners depending on the floor type. Install the top and bottom strike plates.



Install Door Hardware per Manufacture's Instructions

NOTE: For Cylindrical Lockset, GPDCLO, it is critical to ensure the ears on the plunger shown in Step 2 of the manufacture's instructions are engaged into the handle set. Without the engagement, the handle set will not activate the plunger and could cause the door not to open. It is recommended that the handle be cycled 8-10 times to confirm proper operation.

2

Preset Lock

- Through-bolt Location – 12 and 6 o'clock
- Door Thickness – 1-3/4" thick
- See Step 2A for other door conditions

