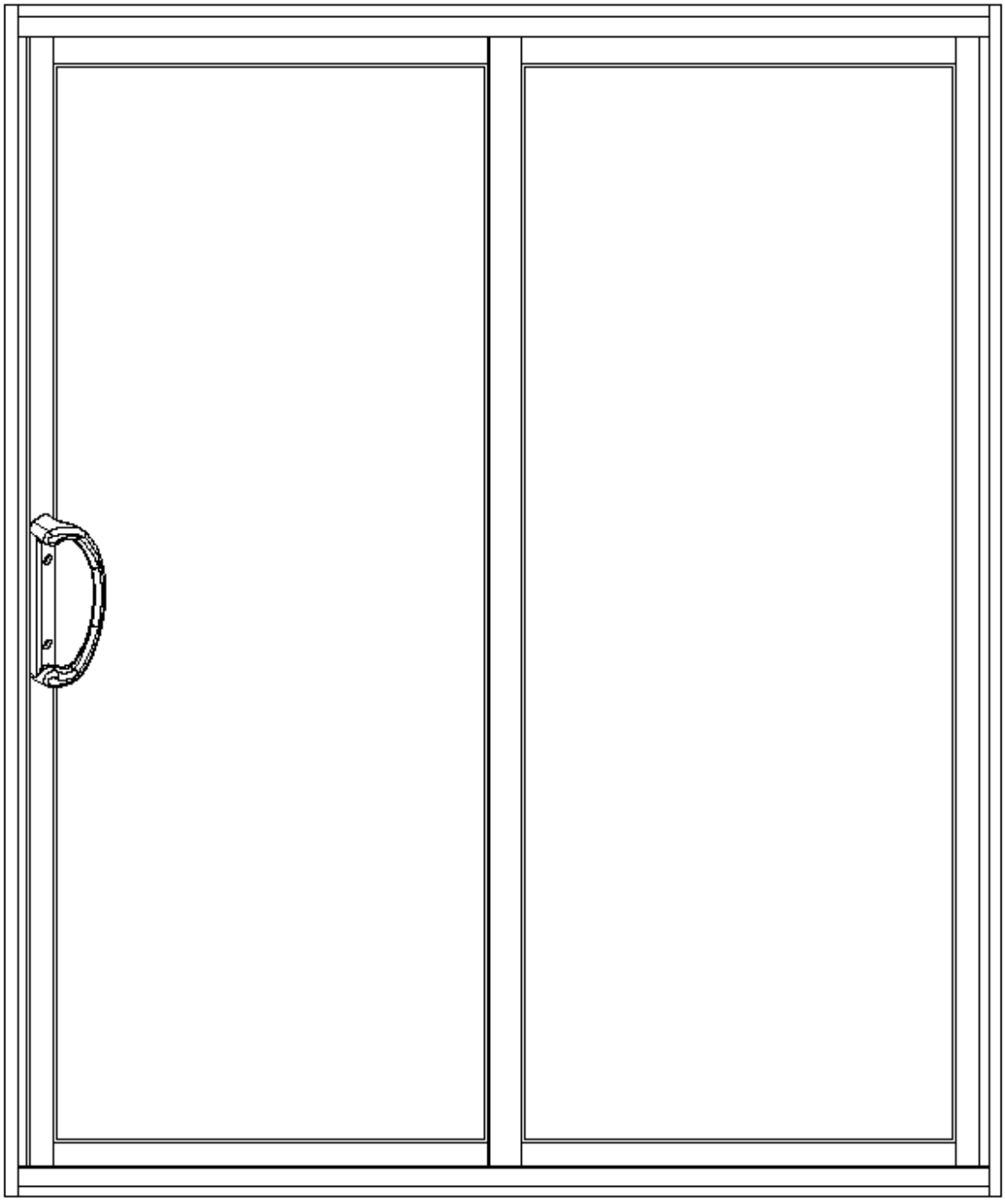
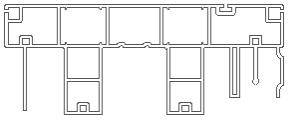
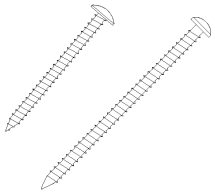
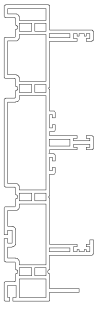
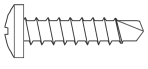
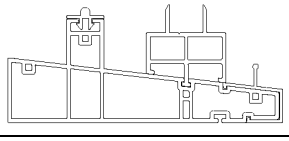
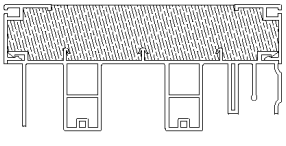
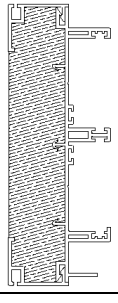
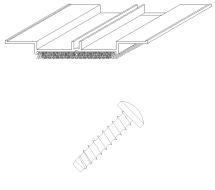
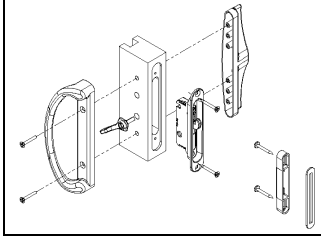
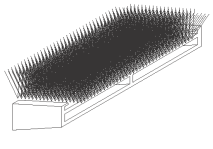
Series 6000/6500

Series 6000/6500 Vinyl Sliding Patio Door Assembly and Installation Instructions



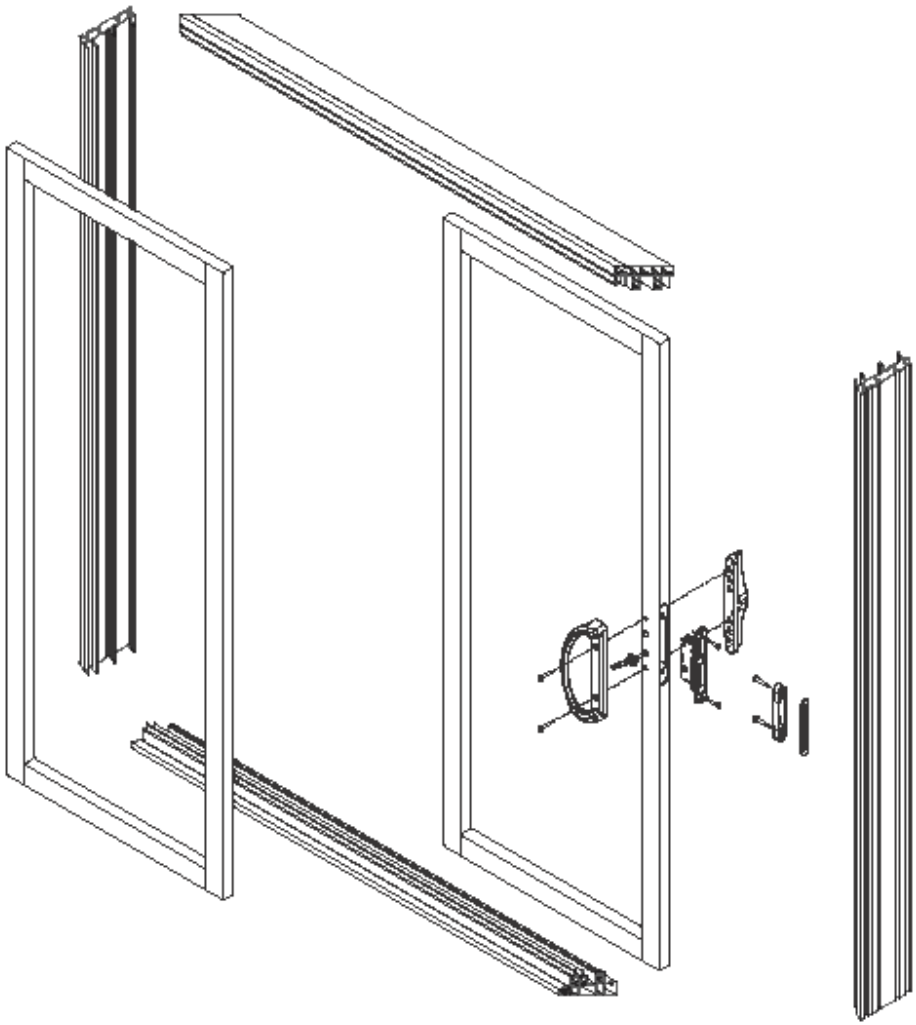
NOTICE

READING THESE INSTRUCTIONS FIRST AND FOLLOWING THE PROCEDURES IN PROPER SEQUENCE WILL REDUCE FRUSTRATION, COSTLY MISTAKES AND WASTED TIME.

	Main Frame Header 6000 series	1 pc		#8 x 2" Pan Head Screws	16 pcs
				#8 x 3" Pan Head Screws	12 pcs
	Vinyl frame extrusion. Used for the header.			Main frame assembly #8 x 2" screws. Rough opening installation #8 x 3" screws.	
	Main Frame Jamb 6000 series (Left and Right)	1 set		#8 x 1-1/4" Pan Head Screws	4 pcs
				#8 x 3/4" Self Drill Screws	4 pcs
	Vinyl frame extrusion. Used for the jambs (left and right sides). Includes foam gaskets.			8-Screws used to attach the fixed panel clip's to the main frame making it stationary.	
	Main Frame Sill	1 pc		Screw Caps	8 pcs
	Vinyl frame extrusion.			The screw caps are installed on all screws used on the fixed panel bumper.	
	Main Frame Header 6500 series	1 pc		Fixed Panel Bumper	2 pcs
	Vinyl frame extrusion with wood buck. Used for the header.			The fixed panel bumper is installed at the top and bottom of the fixed panel.	
	Main Frame Jamb 6500 series (Left and Right)	1 set		Anti-Lift #8x3/4" Pan Head Screw	1 pc 2 pcs
	Vinyl frame extrusion with wood buck. Used for the jambs (left and right sides). Includes foam gaskets.			The anti-lift is installed in the header portion of the door frame above the operating panel where the panels interlock.	
	Mortise Lock Handle & Keeper - STANDARD	1 set		Sill Block	1 pcs
	Interior & exterior handle, Keeper allows operating frame to lock with main frame. Hardware bag included.			Install the sill block tightly against the installed fixed panel and directly against the panel support. Seal perimeter with silicone sealant.	

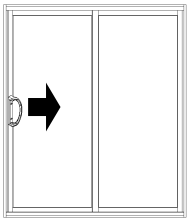
2-PANEL DOOR XO/OX CONFIGURATION

EXPLODED VIEW AND GENERAL PARTS LOCATION



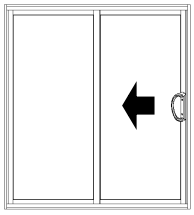
2-PANEL DOOR – INSTALLATION INSTRUCTIONS

GENERAL: Door elevations shown in these instructions are as viewed from the outside.



'XO' DOOR

'X' denotes the active or operating panel(s).
'O' denotes the inactive or fixed panel(s).



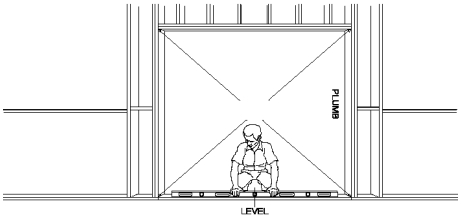
'OX' DOOR

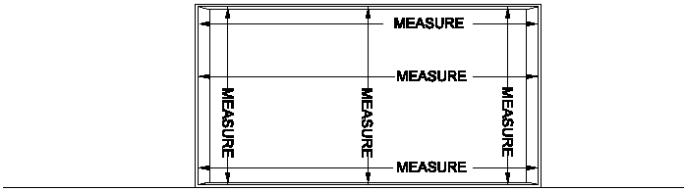
All 2-panel doors between 72" to 80" high are fully reversible. The locking hardware on the operating panel is located at the mid-point of the panel unless otherwise requested. For 3 and 4 panel doors or alternate locking hardware options, refer to the supplemental instructions sheet.

ROUGH OPENING:
The rough opening should be made 1/2" wider and 3/8" higher (+/- 1/8" each way) than the actual door frame size (Refer to the chart for frame sizes). The sill or base of the opening must be solid, level and of sufficient width and depth to support the entire door sill in a continuous and uniform manner. It is important that the opening be plumb and square as the door will not perform to its potential if installed into an improperly prepared opening.

6000/6500 Series Technical Specifications

CONFIGURATION	SIZE	6000 Series Frame Size (in)		6500 Series Frame Size (in)		Rough Opening (in)	
		Width	Height	Width	Height	Width	Height
XO or OX	5068	59-5/8	79-1/2 (94-1/4)	59-5/8	79-3/4 (94-1/2)	60-1/4	80 (95)
XO or OX	6068	71-5/8	79-1/2 (94-1/4)	71-5/8	79-3/4 (94-1/2)	72-1/4	80 (95)
XO or OX	8068	95-5/8	79-1/2 (94-1/4)	95-5/8	79-3/4 (94-1/2)	96-1/4	80 (95)
XOO or OOX	7668	87-1/2	79-1/2 (94-1/4)	86-7/8	79-3/4 (94-1/2)	88-1/4	80 (95)
OXO	7668	89-1/4	79-1/2 (94-1/4)	89-1/4	79-3/4 (94-1/2)	90	80 (95)
OXO	9068	107-1/4	79-1/2 (94-1/4)	107-1/4	79-3/4 (94-1/2)	108	80 (95)
XOO or OOX	9068	105-1/2	79-1/2 (94-1/4)	104-7/8	79-3/4 (94-1/2)	106-1/4	80 (95)
OXXO	10068	118-1/8	79-1/2 (94-1/4)	117-1/2	79-3/4 (94-1/2)	119	80 (95)
OXO	12068	143-1/4	79-1/2 (94-1/4)	143-1/4	79-3/4 (94-1/2)	144	80 (95)
XOO or OOX	12068	141-1/2	79-1/2 (94-1/4)	140-7/8	79-3/4 (94-1/2)	142-1/4	80 (95)
OXXO	12068	142-1/8	79-1/2 (94-1/4)	141-1/2	79-3/4 (94-1/2)	143	80 (95)
OXXO	16068	190-1/8	79-1/2 (94-1/4)	189-1/2	79-3/4 (94-1/2)	191	80 (95)

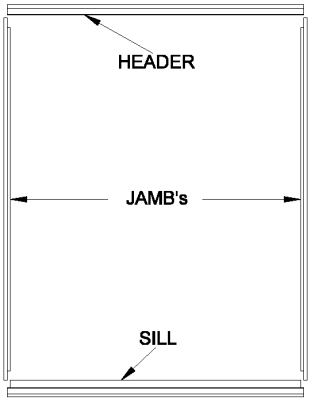




FRAME ASSEMBLY:
The frame consists of 4 main vinyl members:

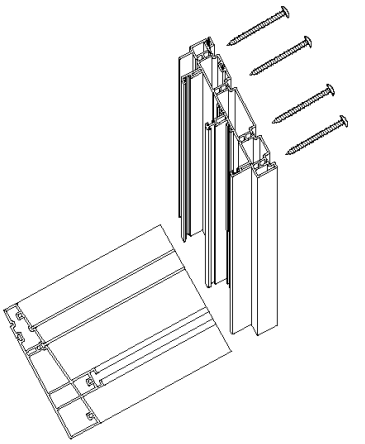
1. Header Track
2. Sill Track
3. Left-hand Jamb
4. Right-hand Jamb

All main frame members are machined so that they may be assembled in only one way. Lay out the framing members as shown in the diagram.



Using the #8 x 2″ (16) screws provided; fasten the header and sill to the jambs as shown, make sure the screws are drawn tight.

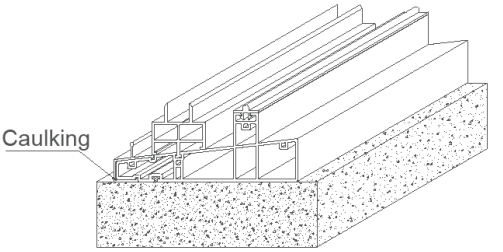
It is recommended if the foam pad is compromised or missing; apply a 1/8″ bead of silicone to the top of the sill at the jamb joint and across the jamb lip. Apply to the left and right jamb joints along the top edge of the sill & jamb joints.



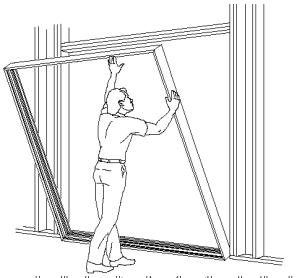
FRAME INSTALLATION:

The main frame is always installed with the sill sloping to the outside.

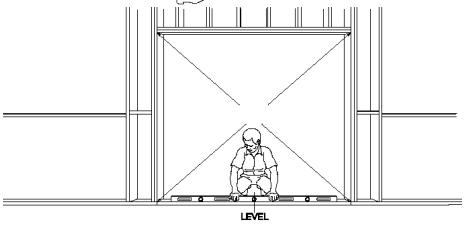
Apply a heavy continuous bead of good quality caulking/Butyl sealant (recommended) under the outside lip of the sill and insert the main frame into the opening as shown.



Center the door frame within the rough opening leaving equal clearance at both jambs.



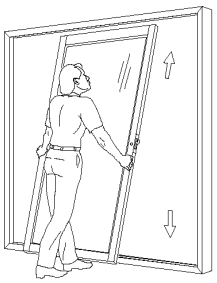
The sill must be installed level and uniformly supported from end to end and from front to back. Use a level, and use solid shims (every 16″) if necessary to compensate for unevenness in the opening. Use brackets or angles that do not puncture the top of the sill if possible but if the use of screws cannot be avoided, ensure they are back sealed and covered with sealant. They must be waterproof. Apply sealant to all fasteners.

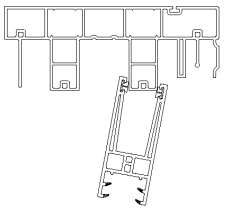


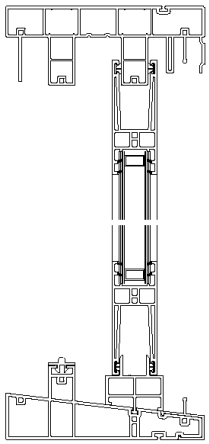
- **At a minimum, the header must be anchored at each meeting or parting rail and within 6″ of each corner. The jambs must be anchored 6″ from each corner and within 6″ from the top and bottom of the lock keeper for the operating side, but more for oversized doors.**
- For security it is recommended to install solid blocking between the jamb and the surrounding structure at the lock keeper location and to put installation screws through and directly above and below the keeper. All screws must engage the surrounding structure a minimum of 1″.
- It is the responsibility of the installer to drill the installation holes. Anchor the fixed side jambs within 6″ of the center of the jamb.
- Set shims behind the frame installation holes to make the mainframe plumb and square then temporarily fasten the frame to the surrounding structure. Using a level and measuring diagonally, check that the frame is straight, plumb and square, make adjustments to the shims if necessary, and securely fasten all screws.

INSTALLING THE FIXED PANEL

From the inside of the building, lift the fixed panel into the center track of the frame header and carefully lower onto the sill as shown. The wool pile at the meeting rail should now be facing the inside of the building.







The fixed panel should be completely level with the sill, no gaps should be apparent between the sill and the bottom of the fixed panel.

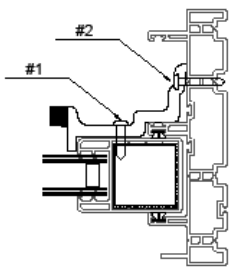
Push the fixed panel securely and completely into the jamb.

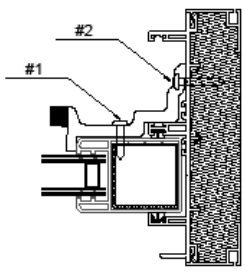
You may need to use silicon spray along the sill and up the jamb to fully engage the fixed panel. If additional assistance is required use a spreader bar to push the fixed panel firmly against the jamb.

First fasten the fixed panel bumper to the top and bottom of the fixed panel with #8x3/4" (4) screws (as shown #1).

Now fasten the fixed panel bumper to the top and bottom of the jamb with #8x1-1/4" (4) screws (as shown #2) as indicated by the label on the jamb.

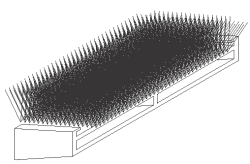
Now place screw caps over all the screw heads.

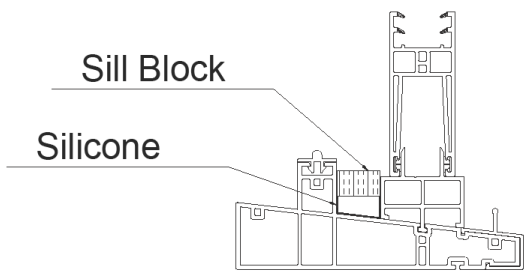




INSTALL SILL BLOCK

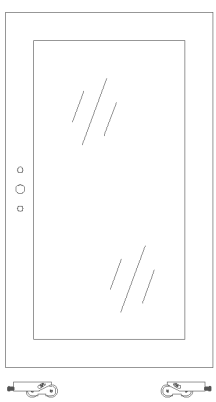
Apply bead of silicon around the perimeter of sill block.
Remove the adhesive backer that is on the sill block.
Install the sill block (as shown) tightly towards the sill track and directly against the panel support.





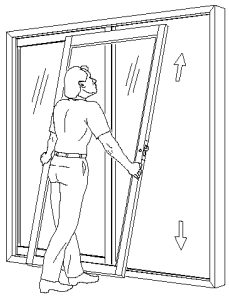
INSTALL DUAL TANDEM ROLLERS

Fasten dual tandem rollers into bottom rail of operating panel.
Use #8x3/4" pan head tapping screw.
Be sure to fasten rollers one (1") inch from ends of rails.

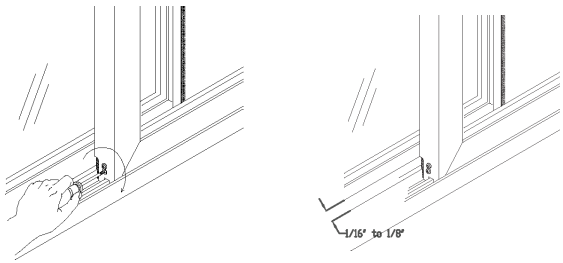


INSTALLING THE OPERATING PANEL

Lift the operating panel into the inside track of the frame header and carefully lower onto the roller track of sill as shown.



Using a hand held screw driver (#2-Robertson or #2-Phillips), adjust the rollers up or down to align the top of the weather stripping on the inside of the bottom rail to be riding approximately 1/16" to 1/8" below the top edge of the sill frost bar as shown.



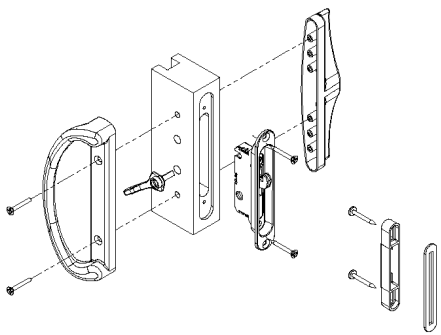
Turn the screw clockwise to raise the panel or counter-clockwise to lower the panel as shown.

NOTE: Clearview recommends lifting the panel slightly when adjusting the wheels for ease of turning and to ensure against stripping the adjustment mechanism.

Slide the panel in the closing direction to within 1/4" of the jamb. Visually, the gap between the panel and the jamb should be uniform from top to bottom. If not, adjust the panel downward at one corner until the panel aligns to the jamb. If the jamb is bowed, remove installation screws, adjust the shims, and re-fasten.

MORTISE LOCK HANDLE AND KEEPER INSTALLATION

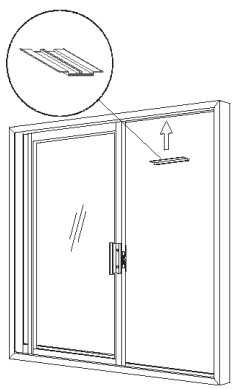
All hardware for locking the door is packaged separately. Follow the instructions enclosed in the hardware package for the hardware option provided. Only after the panels have been adjusted as previously noted, attach the operating mechanism, handles, and lock keeper as outlined in the door hardware instruction sheet.



NOTE: Install the screws through the centre of the slots in the keeper to allow for future vertical adjustments if necessary.

INSTALLING ANTI-LIFT

The anti-lift is installed in the header portion of the door frame above the operating panel. This is a security precaution to avoid intruders from lifting the panel out while in the locked position. Slide the door to the full closed position; place the anti-lift into the centre header section where the panels interlock as shown.



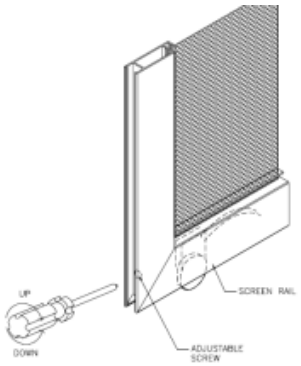
INSTALLING THE SCREEN PANEL

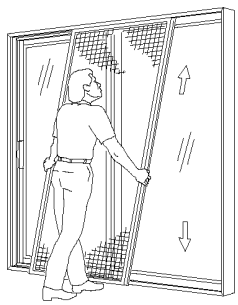
Before installing the screen, back-off all four wheels by turning the adjustment screws counter-clockwise as shown.

Insert the screen in the outside track of the frame header, swing the bottom of the screen towards the sill and snap the rollers over the sill screen track as shown.

Slide the screen in the closing direction to within 1/4" of the jamb. Visually, the gap between the screen and the jambs should be uniform from top to bottom.

Using a screwdriver (#2-Robertson or #2-Phillips) adjust the rollers on the bottom of the screen up (clockwise) or down (counter-clockwise) to align the screen as shown above. Adjust the top rollers just enough to snug the screen in the top track and allow easy rolling.





CAULKING
Use good quality building sealant that is compatible with PVC surfaces of the sliding door and the surrounding structure. (Check the application with you sealant supplier.) It is important that all PVC surfaces to be caulked are free of dust, dirt and grease and are well cleaned.

Visit Our Web Site @ www.clearview.on.ca

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