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REQUIRED TOOLS











- 1- Level
- 2- Measuring tape
- 3- Rubber mallet
- 4- Robertson screwdriver with head sizes nos. 1 and 2
- 5- Philips screwdriver with head sizes nos. 1 and 2
- 6- Flat head screwdriver
- 7- Utility knife
- 8- Square

KIT CONTENTS

1. Kit consisting of the four pieces of the frame, meeting rails, fixed panel support (if not installed) and set of hardware.
2. Kit consisting of the operating panel and the screen.
3. Kit for the fixed panel.

HARDWARE SET

KIT A3 KD-650 (162619)








Ref. #	PROFILE	QTY	DRAWING	DESCRIPTION
①	166122	1		HEAD FOAM GASKET
②	166129-gau	1		SILL FOAM GASKET
③	166129-droi	1		SILL FOAM GASKET
④	161049	1		#8-10 x 1" PAN HEAD QUADREX ZINC FOR HEAD FIXATION (FIXED SASH)
⑤	161133	1		#8-10 x 2-1/4" PAN WASHER QUADREX ZINC FOR HEAD BLOCK FIXATION
⑥	161144	1		#6 x 1" FLAT GREY HEAD FIXED SASH
⑦	161107	4		#10 x 3" PAN QUADREX SELF DRILLING FOR OXO ASTRAGAL
⑧	161047	1		#8 x 2 1/2" PAN WASHER QUADREX ZINC FOR BUMPER
⑨	161096	5		#8 x 1 1/2" PAN QUADREX SELF DRILLING FOR "H" CONNECTOR
⑩	166031	2		DUST PLUG INTERLOCK UP

BAG 6 X 10 (oxo/xoo/oox)

DESSIN/DWG:

A3

KIT B1 KD-650 (162620)




Ref. #	PROFILE	QTY	DRAWING	DESCRIPTION
①	166205	1		HEAD DUSTPLUG
②	161041	1		#8 x 3/4" TRUSS QUADREX WHITE HEAD FOR HEAD DUST PLUG
③	130280-CW	1		BUMPER
④	162456-CW	2		3/8" BEARING HOLE PLUG
⑤	162264-CW	1		INT. PRESTIGE HANDLE (OX)
⑥	161128-CW	2		#10-24 x 2" OVAL HEAD QUADREX BW HEAD PRESTIGE HANDLE ASSEMBLY
⑦	166130-CW	1		SILL CAPPING

BAG 6 X 10 (xo)

DESSIN/DWG:

B1

KIT C1 KD-650 (162623)








Ref. #	PROFILE	QTY	DRAWING	DESCRIPTION
①	162442-CW	1		BOTTOM CAP (OX)
②	162262-CW	1		EXT. PRESTIGE HANDLE (OX)
③	162444-CW	1		HEAD FIXATION BLOCK

BAG 6 X 10 (xo)

DESSIN/DWG:

C1

KIT B2 KD-650 (162621)




Ref. #	PROFILE	QTY	DRAWING	DESCRIPTION
①	166205	1		HEAD DUSTPLUG
②	161041	1		#8 x 3/4" TRUSS QUADREX WHITE HEAD FOR HEAD DUST PLUG
③	130280-CW	1		BUMPER
④	162456-CW	2		3/8" BEARING HOLE PLUG
⑤	162266-CW	1		INT. PRESTIGE HANDLE (OX)
⑥	161128-CW	2		#10-24 x 2" OVAL HEAD QUADREX BW HEAD PRESTIGE HANDLE ASSEMBLY
⑦	166130-CW	1		SILL CAPPING

BAG 6 X 10 (ox)

DESSIN/DWG:

B2

KIT C2 KD-650 (162624)



Ref. #	PROFILE	QTY	DRAWING	DESCRIPTION
①	162441-CW	1		BOTTOM CAP (OX)
②	162262-CW	1		EXT. PRESTIGE HANDLE (OX)
③	162444-CW	1		HEAD FIXATION BLOCK

BAG 6 X 10 (ox)

DESSIN/DWG:

C2

KIT D1 KD-650 (162627)


Ref. #	PROFILE	QTY	DRAWING	DESCRIPTION
①	161047	24		#8-10 x 2-1/2" PAN WASHER QUADREX ZINC FOR FRAME ASS.
②	166277	4		FOAM FOR JAMB

BAG 6 X 10

DESSIN/DWG:

D1

KIT F1 KD-650 (162631)

Ref. #	PROFILE	QTY	DRAWING	DESCRIPTION
①	161020	10		#8-10 x 3" PAN WASHER FOR FRAME ASS. + FIXATION (FIXED SASH)

BAG 3 X 4

DESSIN/DWG:

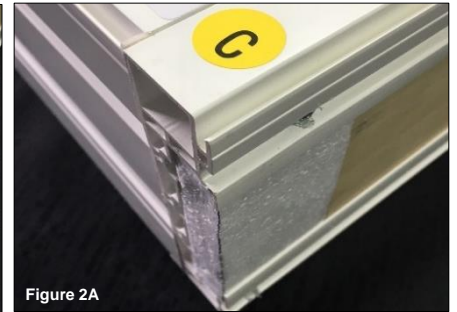
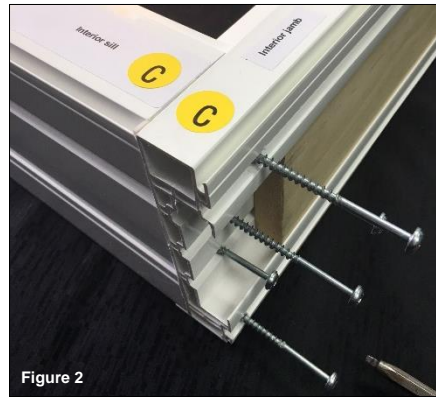
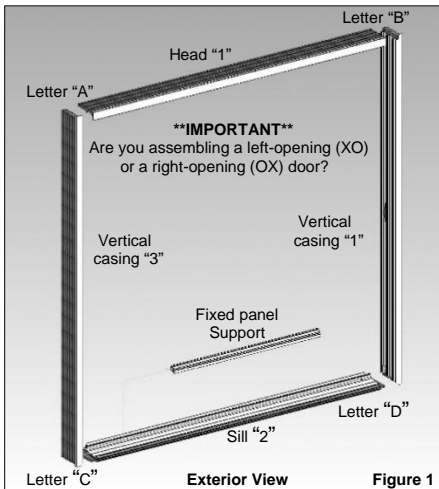
F1

STEP 1 FRAME ASSEMBLY

NOTE: The frame must be assembled on a flat, clean surface close to the opening made in the wall.

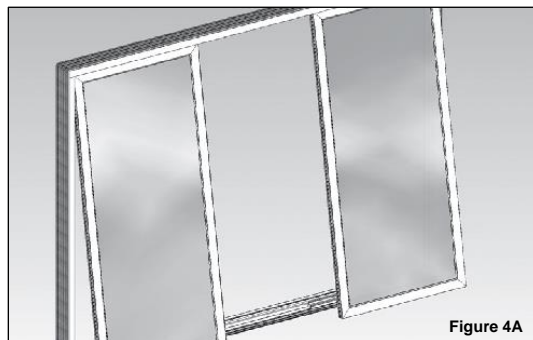
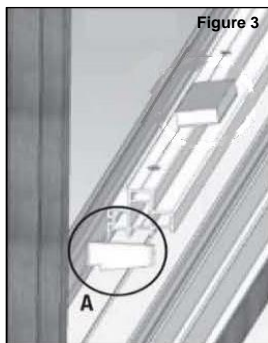
1. Find the PRE-DRILLED frame pieces:
 - 1) Head casing
 - 2) Sill
 - 3) Vertical jamb with wood inserted
 - 4) Vertical jamb with wood insertedSill and head are PRE-SEALED with a foam pad (**Figure 1**).
2. Use the #8-10 x 2 1/2" screws to attach the jambs to the head and sill (6 screws at each corner). Always screw horizontally (**Figure 2**).

When finished, insert the jamb foams as shown (**Figure 2A**).



STEP 2 2 FIXED PANEL INSTALLATION (OXO)

3. Install the fixed support cavity cap (**Figure 3A**).
4. Insert the fixed panel so that the inside surface faces towards the interior of the door opening (**Figure 4A**).
Make sure that the fixed panel is properly inserted at the base of the frame.
5. Insert the head fixing block above the fixed panel and screw it in place, first with the #8 - 1" screw and then to the frame with the #8 - 2 1/4" screw (**Figure 4B**).



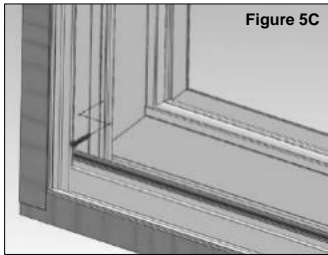
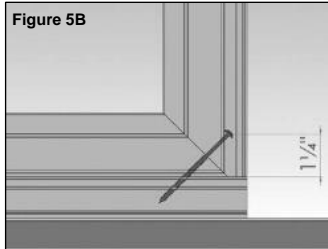
6. Fix the bottom of the panel with the #8 - 3" screw (Figures 5A - 5B).

Fix the panel using the #6 - 1" screw. Position the screw inside the weatherstrip and align it with the bottom of the glazing (Figure 5C).

7. Install the meeting rail for the fixed panel (part with no machining). Start by placing its top and bottom and make sure they are flush with the top and bottom of the panel (Figures 6A - 6B).

Insert the rest starting at the bottom and working upwards.

8. Install the dust plug interlock up 3/4 under the meeting rail (Figure 7).

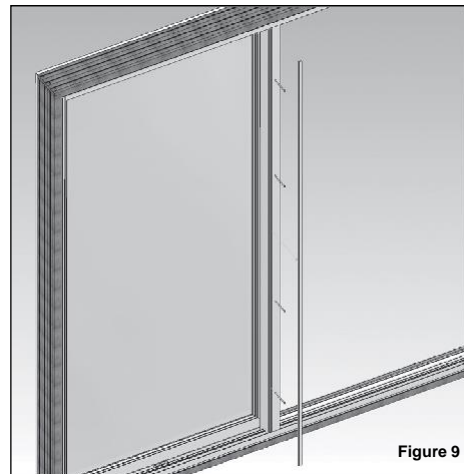
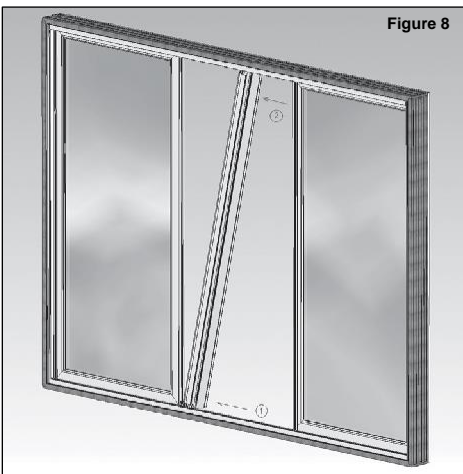


STEP 3 ASTRAGAL ASSEMBLY (OXO)

9. Insert the astragal into the frame, first at the bottom and then at the top. Use a hammer and a piece of wood to "knock" the piece into place. Make sure that the piece is properly inserted along its entire length. The piece must remain firmly in place. (Figure 8).

10. Use a 1/8" bit to drill the 4 holes in the casing and the panel reinforcement. Be careful not to damage the exterior surface (Figure 9).

11. Fix the astragal to the panel with 4 x #10 - 3" self-tapping screws into the holes pre-drilled for this purpose. Install the groove cover (Figure 9).



12. Seal the joints between the astragal meeting rail and the sill and head casing with silicone (Figure 10).

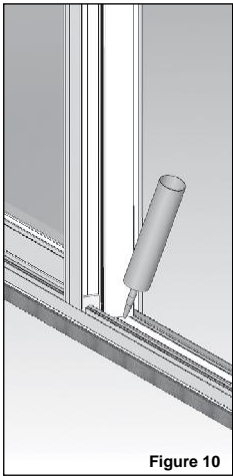


Figure 10

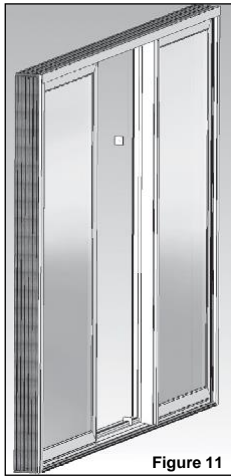


Figure 11

13. Install the foam seal, the “U”-shaped piece next to the rail and the square piece next to the head (Figure 11). Install the threshold (Figure 12 A-B).



Figure 12A



Figure 12B

14. Install the exterior cavity filler Head and jamb (Figure 13 A-B).



Figure 13 A



Figure 13 B

STEP 4 OPERATING PANEL INSTALLATION (OXO)

15. Insert the operating panel into the frame, making sure that the inside surface faces the interior. Insert the top and then the bottom of the panel (Figure 14).

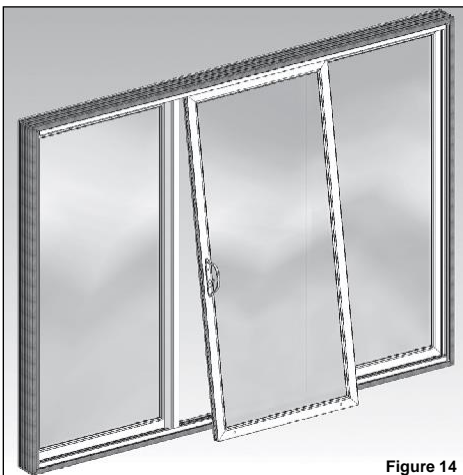


Figure 14

16. Adjust the panel rollers to the third position and check that the panel is square with the frame casing. Make any necessary adjustments and install the finishing “plugs” on the bottom rail (Figure 15).

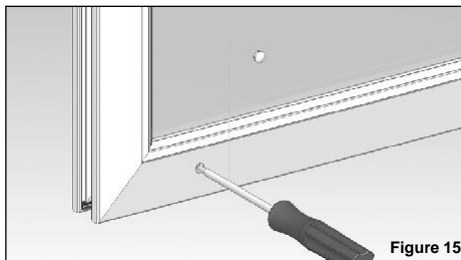


Figure 15

17. Install the operating meeting rail, starting at the bottom and working upwards. Make sure that it is flush with the top of the panel (Figure 16A-B).



Figure 16A



Figure 16B

18. Install the bumper on the fixed panel using a #8 - 2" screw (Figure 17 A).

Install the interior cavity filer (Figure 17 B)



Figure 17 A



Figure 17 B

19. Close the operating panels and install the head pile weatherstrip above the interlock of the two panels with screw #8 - 3/4" (Figure 18).

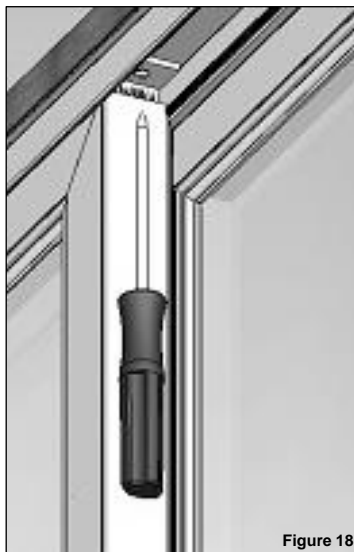


Figure 18

STEP 5 HANDLE AND SCREEN ASSEMBLY (OXO)

20. **Panel handle**
Install the exterior and interior handles in the panel with the two #10 - 2" white screws. Make sure that the latch operates properly before tightening the screws (Figure 19).

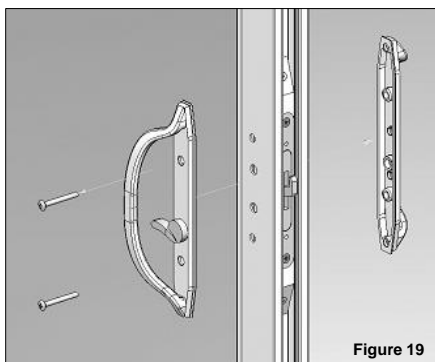


Figure 19

21. **Screen assembly**
Stand outside the opening and insert the screen into the head sliding rail, making sure that the black weatherstrip is on the interior side of the screen and that the screen rests on the exterior aluminum rail of the sill (Figure 20).

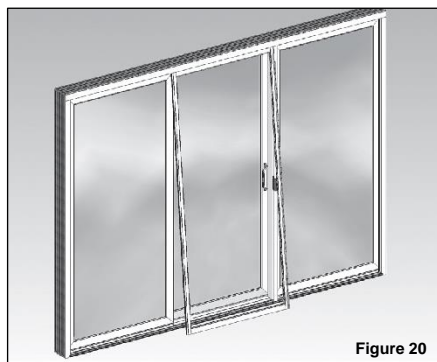


Figure 20

22. Slide the screen and check its alignment with the vertical casing. Adjust the lower rollers as needed using the adjusting screws at either end of the screen (Figure 21)

Install the screen keeper. (Figure 22).

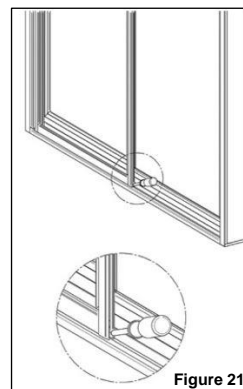


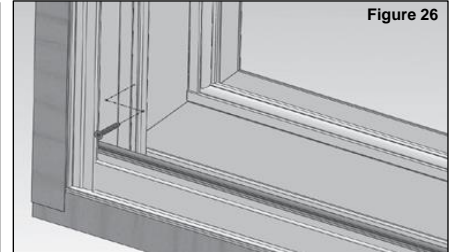
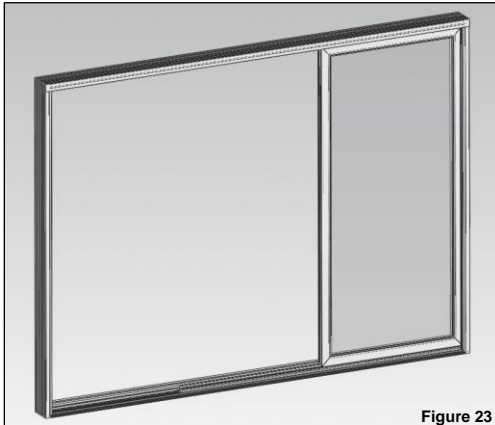
Figure 21



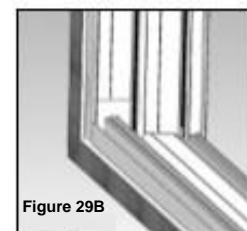
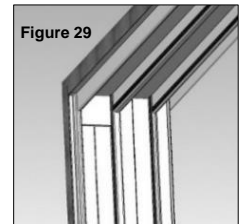
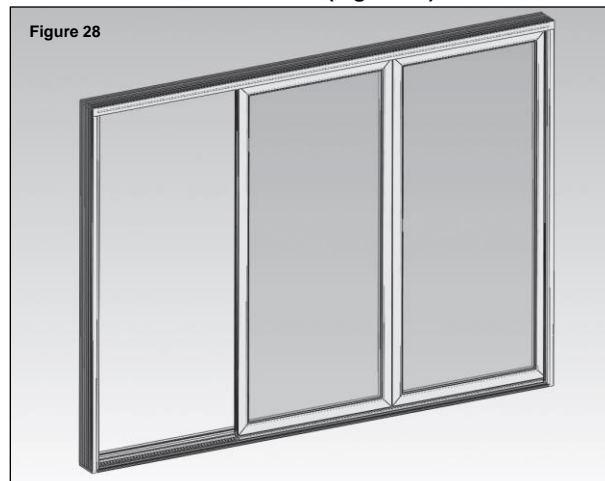
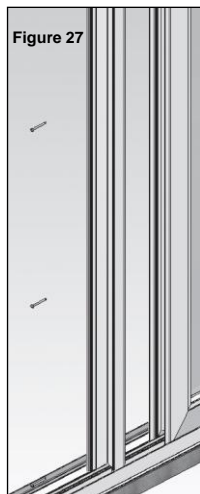
Figure 22

STEP 1 INSTALLATION OF 2 FIXED PANEL (X00 / 00X)

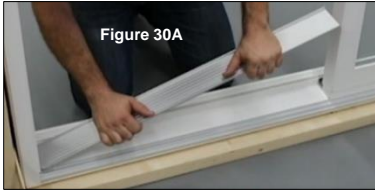
1. Insert the fixed panels into the frame, making sure that the inside surfaces face the interior. Insert the top first, and then the bottom. The identification labels for the fixed panels must be on the inside of the frame (**Figure 23**).
2. Insert the head fixing block above the fixed panel and screw it in place with #8 -1" screw
#8 - 2-1/4" screw (**Figure 24**).
Fix the bottom of the panel in place using #8 - 3" screws (**Figure 25**).
3. Fix the panel in place using a #6 - 1" screw (**Figure 26**).
Line the screw up with the height of the glazing stop at the bottom of the panel and in the frame's weatherstrip groove.



4. Fix the "H"-shaped connector piece to the fixed panel. Use a #8 -1 1/2" self-tapping screw (**Figure 27**).
5. Insert the second fixed panel into the frame, making sure that the inside surface faces the interior. Insert the second fixing block above the other fixed panel. (**Figure 28**)
Fix it in place using a:
#8 - 1" screw (**Figure 24**)
#8 - 2-1/4" screw (**Figure 24**)
#8 - 3" screw (**Figure 25**)
6. Install the foam seal, the "U"-shaped piece next to the rail and the square piece next to the head (**Figure 29A**).
Install the threshold (**Figure 29B**).



7. Install the threshold
(Figure 30A-B).



8. Install the exterior cavity filer
(Figure 31A-B).



9. Install the meeting rail for the fixed panel (part with no machining). Start by placing its top and bottom and make sure they are flush with the top and bottom of the panel (Figures 32A-B).

Insert the rest starting at the bottom and working upwards.

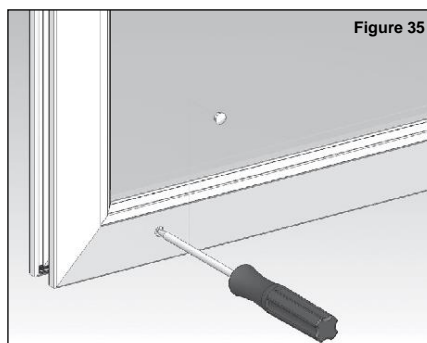
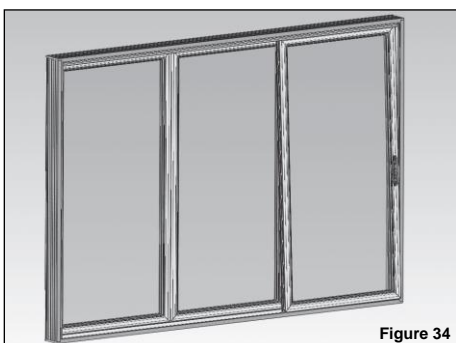


10. Install the dust plug interlock up 3/4 under the meeting rail (Figure 33).



STEP 2 OPERATING PANEL INSTALLATION (X00 / 00X)

11. Insert the operating panel into the frame, making sure that the inside surface faces the interior. Insert the top and then the bottom of the panel (Figure 34).
12. Adjust the panel rollers to the third position and check that the panel is square with the frame casing. Make any necessary adjustments and install the finishing "plugs" on the bottom rail (Figure 35).
13. Install the operating meeting rail, starting at the bottom and working upwards. Make sure that it is flush with the top of the panel (Figure 36A-B).



STEP 3 HANDLE AND SCREEN ASSEMBLY (X00 / 00X)

14. Install the cavity filer (head and jamb)
Install the bumper, using a #8 - 2" screw
(Figure 37 A-B).



Figure 37 A



Figure 37 B

14. Close the operating panels and install the head pile weatherstrip above them. Fix everything in place with a #8 -1" screw
(Figure 38).

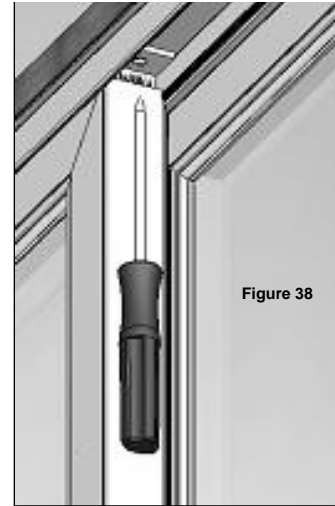


Figure 38

16. **Panel handle**
Install the exterior and interior handles in the panel with the two #10 - 2" white screws. Make sure that the latch operates properly before tightening the screws
(Figure 39).

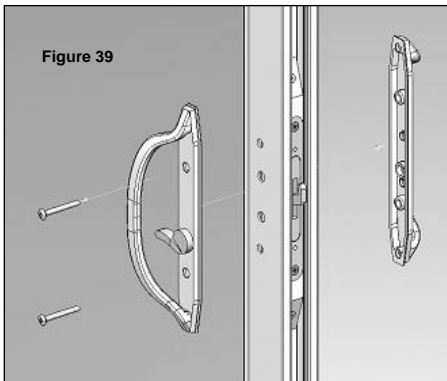


Figure 39

17. **Screen assembly**
Stand outside the opening and insert the screen into the head sliding rail, making sure that the black weatherstrip is on the interior side of the screen and that the screen rests on the exterior aluminum rail of the sill
(Figure 40).

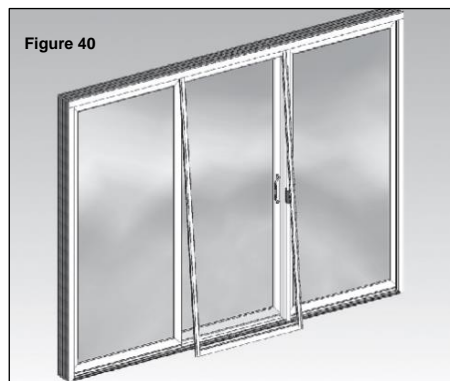


Figure 40

18. Slide the screen and check its alignment with the vertical casing. Adjust the lower rollers as needed using the adjusting screws at either end of the screen
(Figure 41).

Install the screen keeper.
(Figure 42)

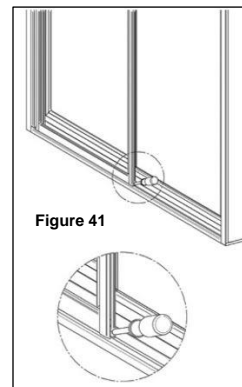


Figure 41



Figure 42