



Installation Guide Video : <https://bit.ly/2s6GJVP>

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2-LITE 650 PATIO DOOR INSTRUCTIONS FOR ASSEMBLING



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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 A1 KD-650 (162617)

Ref. #	PROFILE	QTY	DRAWING	DESCRIPTION
①	166122	1		HEAD FOAM GASKET
②	166129-gou	1		SILL FOAM GASKET
③	166129-dral	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	161047	1		#8 x 2 1/2" PAN WASHER QUADREX ZINC FOR BUMPER
⑧	166051	1		DUST PLUG INTERLOCK UP
⑨	161020	1		#8-10 x 3" PAN WASHER FOR BOTTOM OF FIXED SASH

BAG 6 X 10 (xo/ox)

DESSIN/DWG: **A1**

KIT B1 KD-650 (162620)

Ref. #	PROFILE	QTY	DRAWING	DESCRIPTION
①	166205	1		HEAD DUST PLUG
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 (XO)
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**

OR

KIT B2 KD-650 (162621)

Ref. #	PROFILE	QTY	DRAWING	DESCRIPTION
①	166205	1		HEAD DUST PLUG
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 (ox)

DESSIN/DWG: **B2**

KIT C1 KD-650 (162623)

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

BAG 6 X 10 (xo)

DESSIN/DWG: **C1**

OR

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-BW	1		HEAD FIXATION BLOCK

BAG 6 X 10 (ox)

DESSIN/DWG: **C2**

KIT D1 KD-650 (162625)

Ref. #	PROFILE	QTY	DRAWING	DESCRIPTION
①	161047	24		#8-10 x 2-1/2" PAN WASHER QUADREX ZINC FOR FRAME ASS.
②	165277	4		FOAM FOR JAMB

BAG 3 X 4

DESSIN/DWG: **D1**

KIT F1 KD-650 (162626)

Ref. #	PROFILE	QTY	DRAWING	DESCRIPTION
①	161020	10		#8-10 x 3" PAN WASHER FOR INSTALLATION

BAG 3 X 4

DESSIN/DWG: **F1**

STEP 4 HANDLE AND SCREEN ASSEMBLY (OX - XO)

Panel handle

14. 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 16).

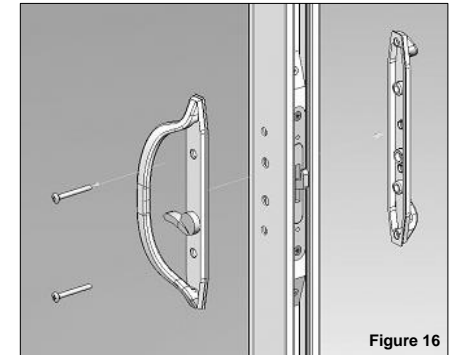


Figure 16

Screen assembly

15. 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 17).
16. 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 18).
17. Install the screen keeper (Figure 19).

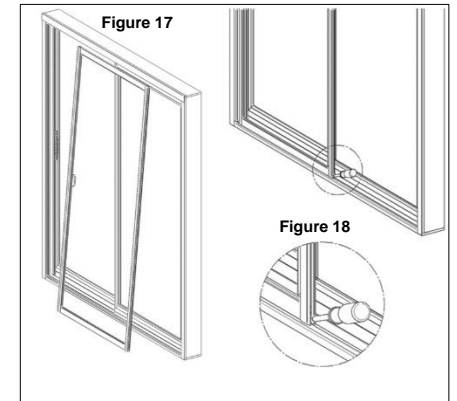


Figure 18

Figure 19



11. Adjust the rollers on the panel to the third position and check that it is square with the frame. Turn anti-clockwise to the lowest setting and then turn clockwise to the third position. Make any necessary adjustments and install the finishing "plugs" on the sill and on the head (Figure 11).

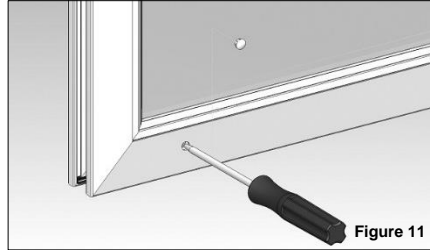


Figure 11

12. Install the operating meeting rail, starting at the top and working upwards. Make sure that it is flush with the top of the panel (Figure 12A -12B).



Figure 12A



Figure 12B

Install the finishing caps on the meeting rail, with the piece with the "U" opening at the bottom, and the square piece at the top. Insert with hand pressure only – do not use a mallet.

13. Install the bumper on the fixed panel using #8 - 2 1/2" screws (Figure 13).



Figure 13

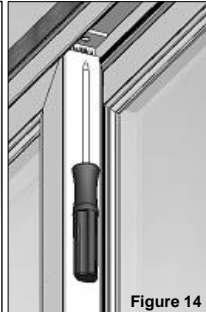


Figure 14

Close the operating panel and fix the pile weatherstrip above the interlock of the two panels with #8 - 3/4" screw. (Figure 14).

Install the interior cavity (Figure 15).

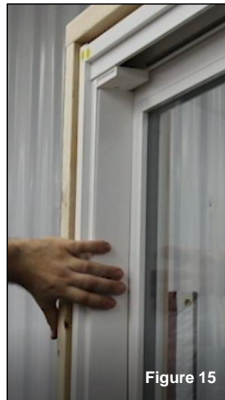


Figure 15

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 inserted
 Sill 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).

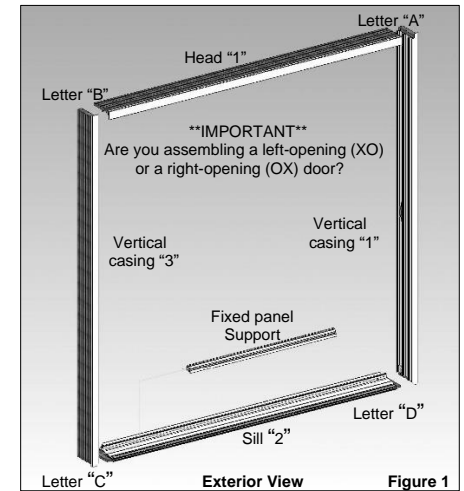


Figure 1

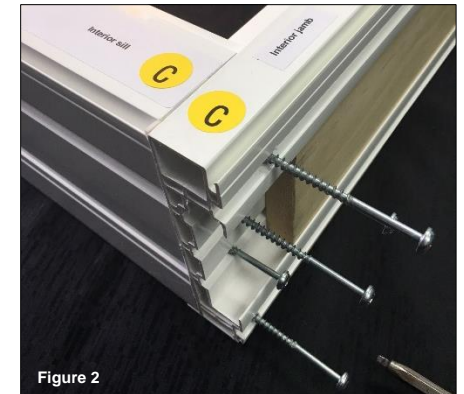


Figure 2

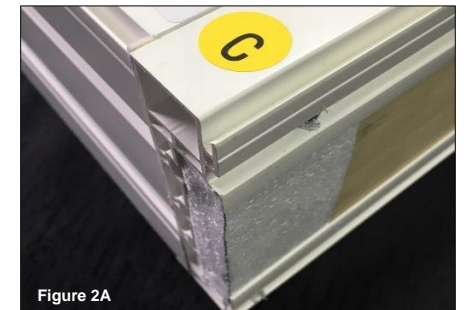
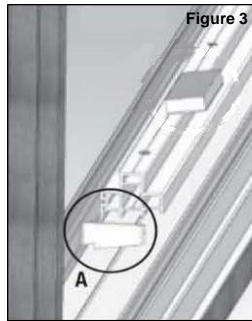


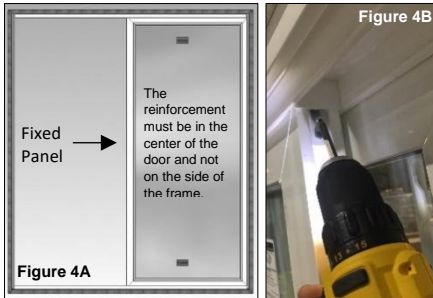
Figure 2A

STEP 2 FIXED PANEL INSTALLATION (OX – XO)

3. Install the fixed support cavity cap (Figure 3A).



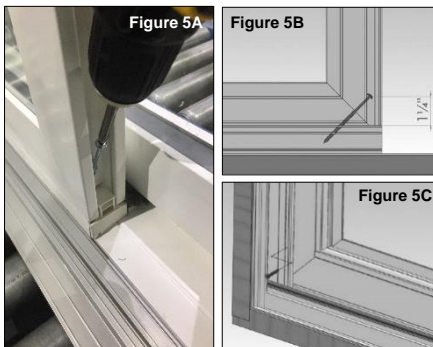
4. Insert the fixed panel so that the inside surface faces towards the interior of the door opening (Figure 4A). Make sure that the fixed panel is properly inserted at the base of the frame.



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.



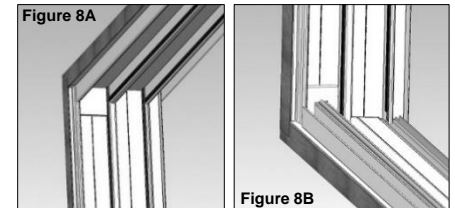
8. Install the dust plug interlock up 3/4 under the meeting rail (Figure 7).



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



9. Install 1 foam square at the head (Figure 8A) and 1 foam "U" at the sill with the slope on the exterior side (Figure 8B). Both foams are on the opening side.



- Install the exterior cavity filler (Figure 9).



STEP 3 OPERATING PANEL INSTALLATION (OX – XO)

10. Insert the operating panel into the frame, making sure that the interior side faces the right way. Next, insert the head and bottom of the panel (Figure 10).

