

architectural  
windows & doors



# LIFT & SLIDE DOORS FIELD ASSEMBLY GUIDE

## GETTING STARTED TIP:

BEFORE STARTING TO ASSEMBLE THE DYNAMIC LIFT & SLIDE DOOR, WE RECOMMEND YOU MOVE ALL OF THE COMPONENTS AS CLOSE TO THE FINISHED DOOR OPENING AS POSSIBLE. THE DOORS CAN BE HEAVY AND CLUMSY TO HANDLE SO IT'S A GOOD IDEA TO KEEP THE MOVING DISTANCE TO A MINIMUM. WE RECOMMEND YOU READ THROUGH THESE INSTRUCTIONS ONCE, BEFORE STARTING TO ACTUALLY ASSEMBLE. WHILE THE PROCESS IS NOT DIFFICULT IT IS IMPORTANT TO FOLLOW THE STEPS IN THE ORDER DESCRIBED IN THE INSTRUCTIONS PROVIDED. IN THE EVENT YOU HAVE QUESTIONS PLEASE DO NOT HESITATE TO CONTACT YOUR SALES REPRESENTATIVE OR THE DYNAMIC CUSTOMER SERVICE DEPARTMENT AT 1.800.661.8111 EXT 141. THE CUSTOMER SERVICE DEPARTMENT IS OPEN MONDAY THROUGH FRIDAY 7:30AM TO 4:30PM (PACIFIC TIME).

YOU CAN EMAIL YOUR QUESTIONS TO: [CUSTOMERSERVICE@DYNAMICWINDOWS.COM](mailto:CUSTOMERSERVICE@DYNAMICWINDOWS.COM)

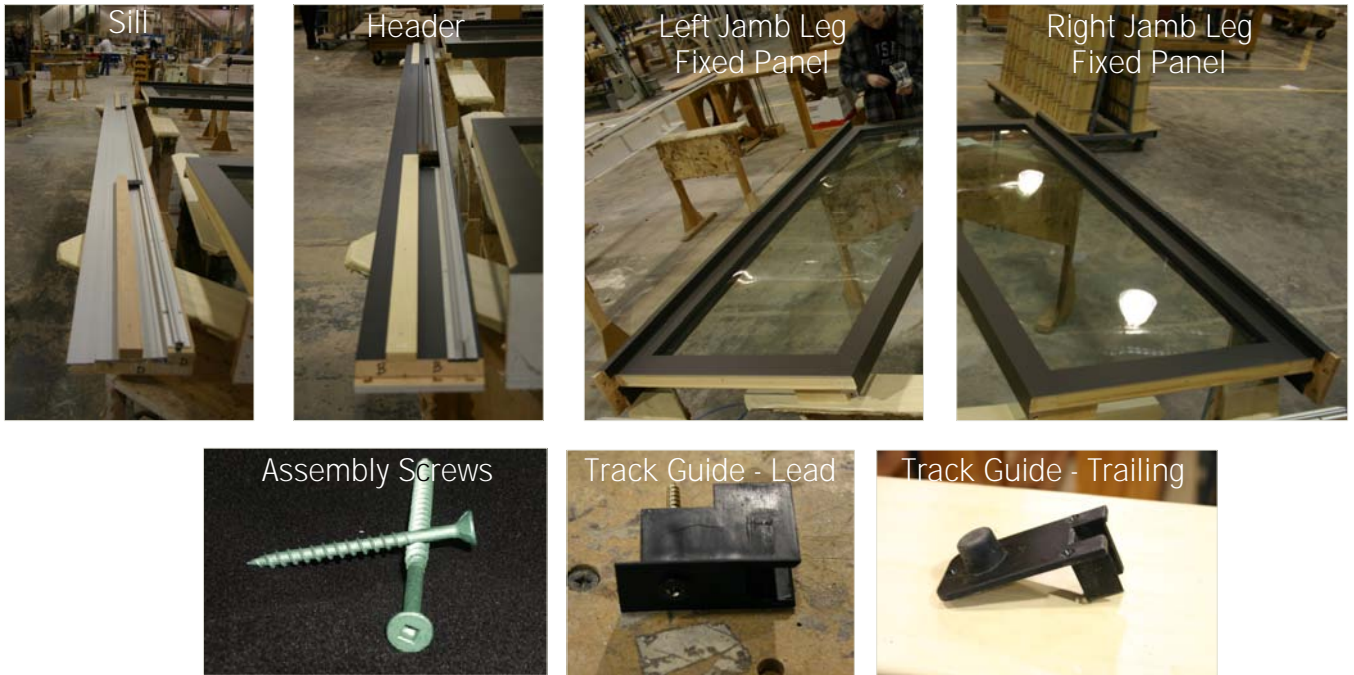
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# LIFT & SLIDE DOOR - KD ASSEMBLY

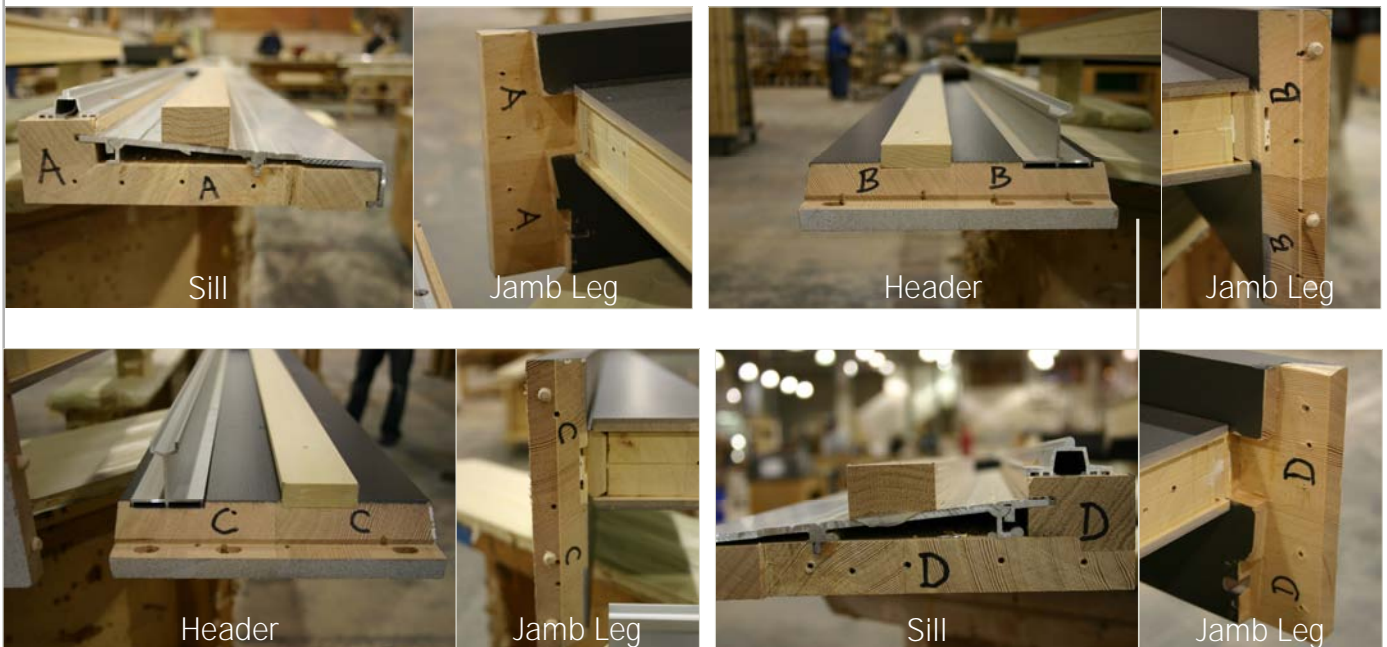
Note: This guide illustrates the assembly of an O-XX-O lift & slide unit with an aluminum threshold. Assembly methods will vary for doors with different configurations and/or threshold types.

## Getting Started:

1. Organize all loose parts necessary for assembly including:



2. The door header and sill will be labeled A, B, C, & D, as well as the jamb legs that are attached to each fixed panel. Screen locations are factory drilled. The door has been previously assembled at the factory to ensure all components are ready to assemble.

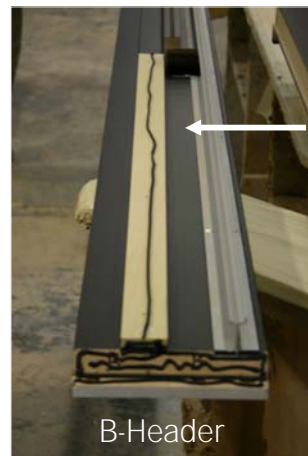
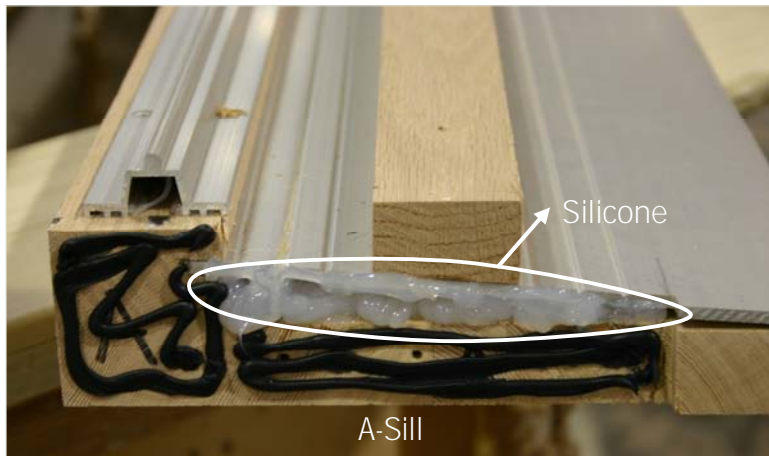


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3. To prepare for assembly, match the header and sill to their corresponding jamb legs.

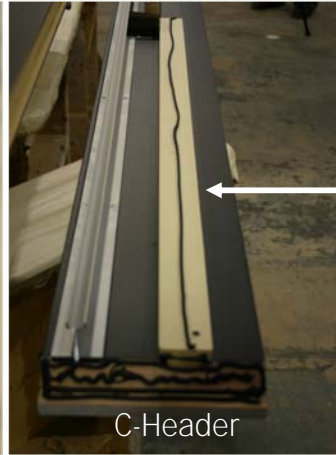


4. Generously caulk each corner with Latex Acrylic Caulking on all wood joints and Silicone at the aluminum threshold. Spread caulking over the entire coped surface. Also caulk along the top and the bottom of the fixed panels to provide a thorough seal against water penetration. If assembling an all wood sill [use Latex Acrylic Caulking only - no Silicone].

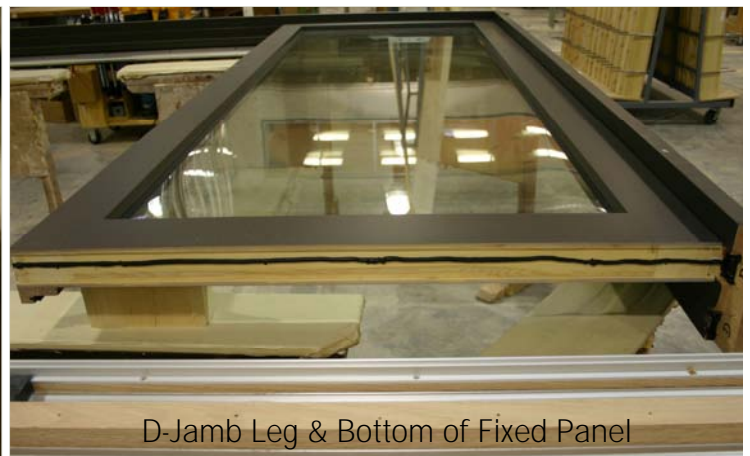
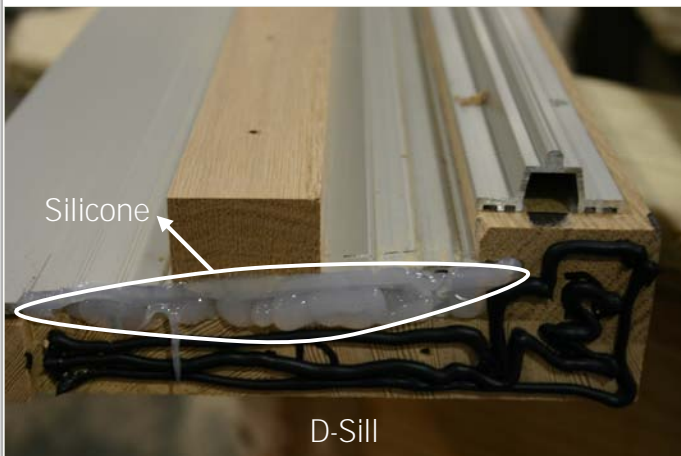


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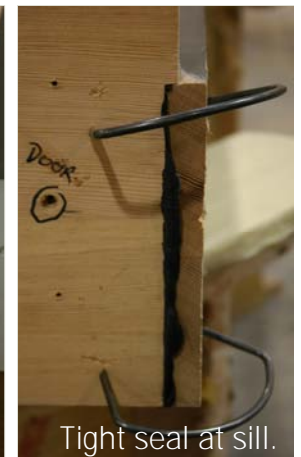
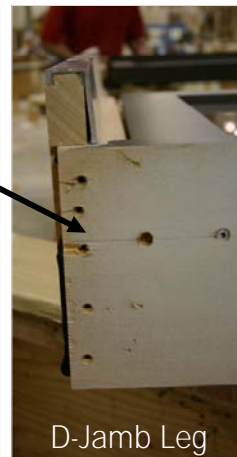
## 4. Continued...



Caulk here to meet with top of fixed panel.



## 5. Assemble AA, BB, CC, DD corners and fasten together with the supplied assembly screws through the pre-drilled holes on the corners of the frame.



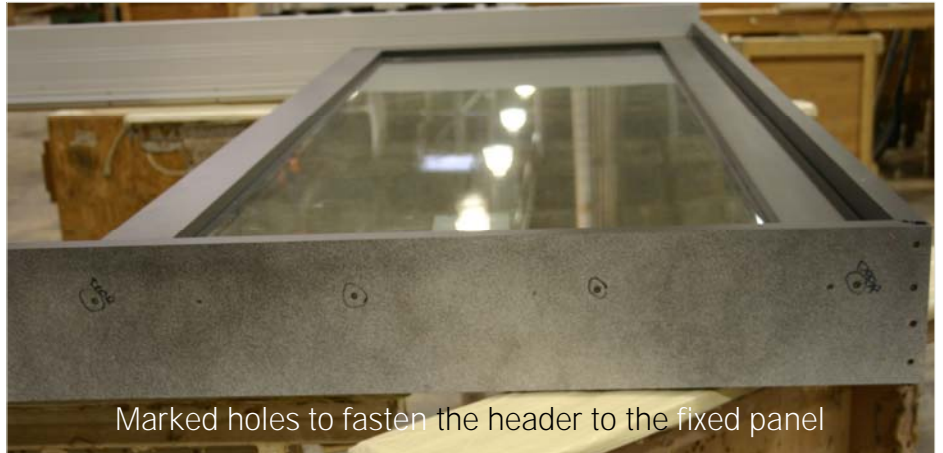
# LIFT & SLIDE DOOR - KD ASSEMBLY

5. Continued...

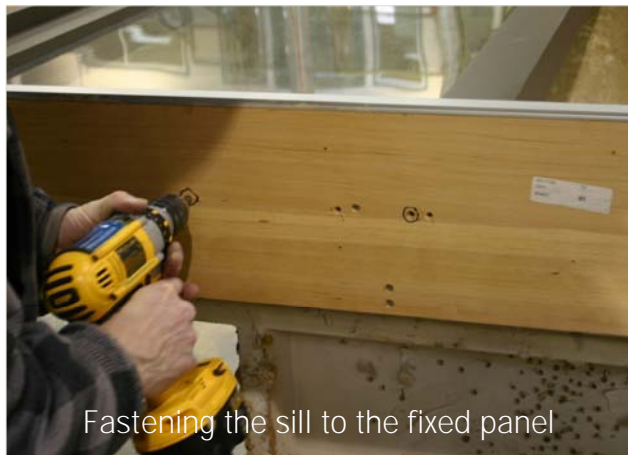


CC-Header & Jamb Leg

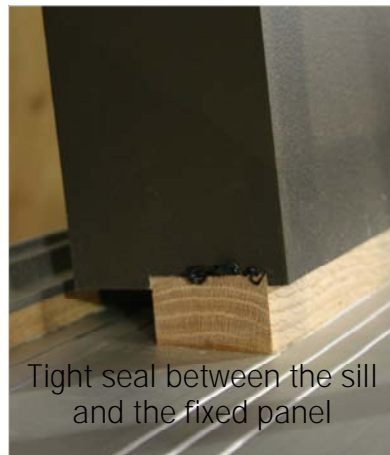
6. Once the corners are complete, fasten the sill and the header to the fixed panels with the supplied stainless steel assembly screws through the remainder or the marked holes on the frame.



Marked holes to fasten the header to the fixed panel



Fastening the sill to the fixed panel



Tight seal between the sill and the fixed panel



Tight seal between the head and the fixed panel

7. Once the header, sill, and all corners are securely fastened the unit is ready for installation into the rough opening. The operating panels will be installed after the unit has been installed.

The following information is a compilation of "best practice" installation techniques. These techniques have been used successfully by others and are a good starting point for the installation of your new Dynamic Lift & Slide patio door. Be aware that there are unlimited variations of door combinations. Site conditions will dictate how your door is best installed. Dynamic does not warranty installation and is not responsible for the installation methods, structural fastening, flashing, waterproofing, and rain-screening of the door units. All of these variables are the responsibility of the purchaser. These instructions are provided as a guide of best practices and may not be applicable in all assemblies.

Installation of lift & slide doors requires planning in advance. The Contractor and Architect must have confidence in the installers ability.

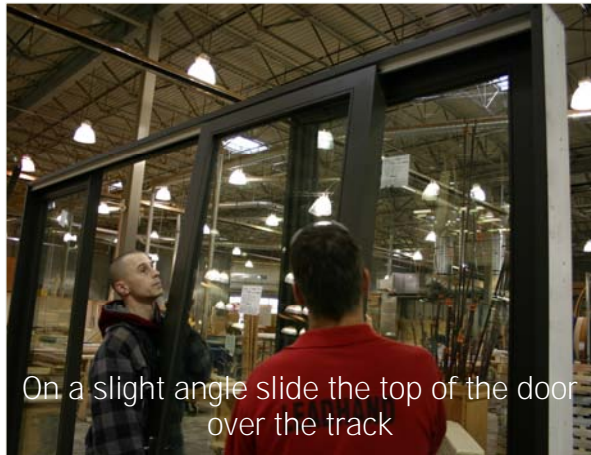
- Shop drawings first must be compared to the rough framing and sub floor to ensure that measurements are correct.
- Each rough opening must be checked and verified to be square, level, and plumb. (There must be no unevenness or bowing)
- The floor must be double checked for being level as it is critical in the sealing of the doors against weather. There is no adjustment for un-level installation.
- On the flush track systems, the finished floor is the threshold for the door. Extra care must be taken to ensure the floor is flat level and sloped to the exterior where necessary. The finished floor will be 5/16" below the top of the track.
- When installing the assembled unit in the opening, make sure that the sill and the header are dead level. (The use of a transit is strongly recommended for the leveling of the sills, as the doors are not adjustable)
- The measurement between the head and sill should be equal all the way along, if not, the weather strips will not contact.

*Be sure that the frame is installed square, level, and plumb.*

Continued...

# LIFT & SLIDE DOOR - KD ASSEMBLY

8. Once the unit has been installed into the opening the operating panels can be installed.
- Take panel #1 and make sure the handle is in the closed position (pointing up).
  - Overlap the fixed door and on a slight angle slide the top of the door over the top track and push up until the panel can go no further.
  - Move the bottom of the door over the aluminum sill and set it in place.
  - Install the plastic guides on the top of the door.
  - There are no adjustments that can be made on the hardware so placement is critical.
  - Repeat these steps for every operating panel.



On a slight angle slide the top of the door over the track



Plastic Guide - Lead



Plastic Guide - Trailing

If your lift & slide door includes screen doors, install the screens in the same manner as the glass doors, over lapping the fixed doors with the operable panel(s). Insert the aluminum on the top of the door then move the bottom in over the track. There are adjustment screws at the bottom of the interior side of the screen doors.

### *Precautionary note:*

Once the unit is installed and working properly, the most common causes of damage are the other trades on the jobsite.

### Protect your unit from:

- Stucco
  - scratches glass & aluminum finishes
  - stains the wood
  - gums up the rollers on the slider.
- Drywall
  - stains the wood
  - gums up the rollers on the slider.
- Wheel barrels
  - running over the track can bend them
  - marks up the jambs and doors.

When covering your unit, keep tarps from blowing in the wind. Do not use duct tape as it will pull the finish off. The finishing of the product is critical as exposure to the weather can cause doors to swell, crack, split, and warp.