

## REQUIRED

Installation by a Summit Automation certified installer is required. Failure to be installed by a Summit Automation certified installer will void the warranty of the automated system. Go to [www.summitautomation.com](http://www.summitautomation.com) for information and to become a certified installer.



## IMPORTANT INFORMATION:

- The following instructions address Kolbe specific installation processes. For general installation information reference the videos supplied by Summit Automation on their website at [www.summitautomation.com](http://www.summitautomation.com).
- Your automation kit will come packaged directly from Summit Automation. The parts supplied will vary depending on the configuration, keypad and switch options ordered.
- The door must be properly installed into the opening prior to starting installation of an Automation System. Ensure the door operates properly in manual operation prior to starting installation.
- The frame will be prepped for the motor at the factory and the idler pulley will be factory mounted on the head jamb.

## AUTOMATION SYSTEM INSTALLATION

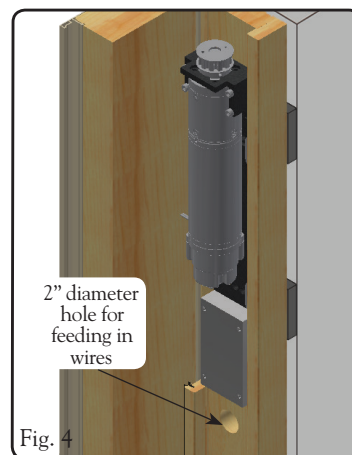
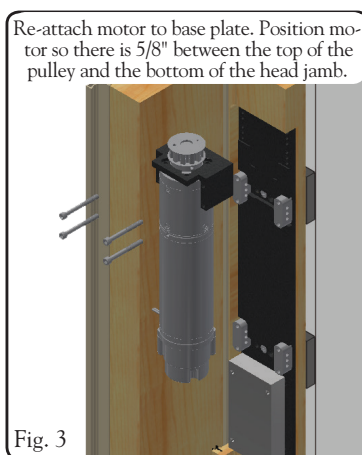
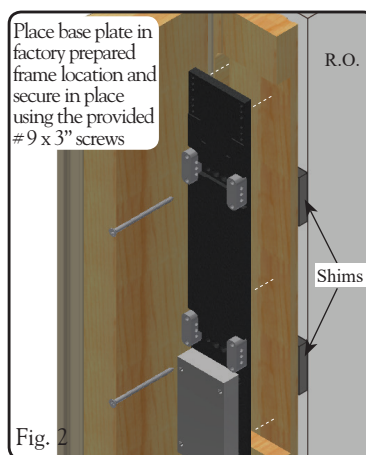
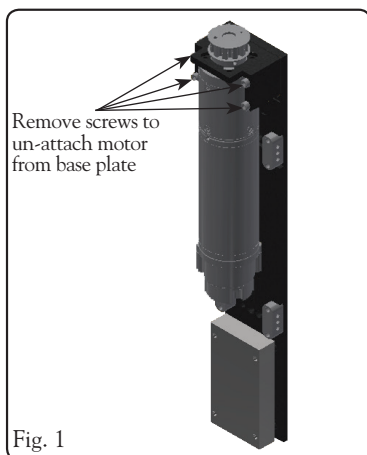
### Motor Installation

**See Fig. 1.** Remove the motor from the base plate by removing the 4 screws holding the motor on as shown in fig. 1.

**See Fig. 2.** Shim between the frame and the rough opening behind the screw locations for the motor to ensure the frame does not bow out. Place the base plate in the factory prepared frame location at the top of the side jamb (Typically the motor will be installed on the right as viewed from the interior), pre-drill through the holes in the base plate and into the frame using a 1/8" drill bit then secure the base plate to the side jamb and rough opening using the provided #9 x 3" screws.

**See Fig. 3.** Re-attach the motor to the base plate. The distance between the top of the motor pulley to the bottom of the head jamb must be 5/8". There is a cluster of 3 holes for each screw on the base plate that are used to adjust the motor height.

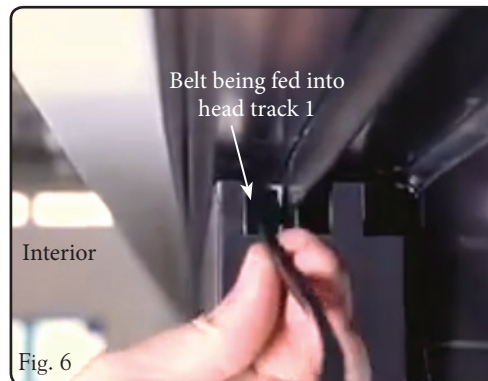
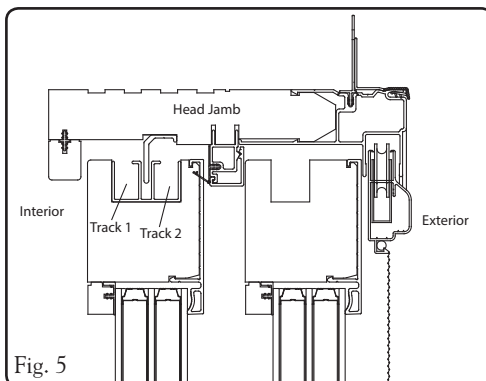
**See Fig. 4.** Determine where on the side jamb the wiring for the motor will be fed in, drill a 2" diameter hole in that location.



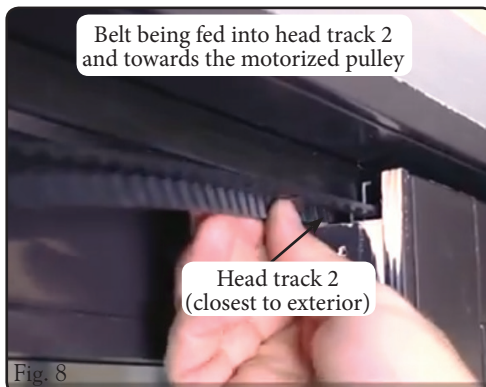
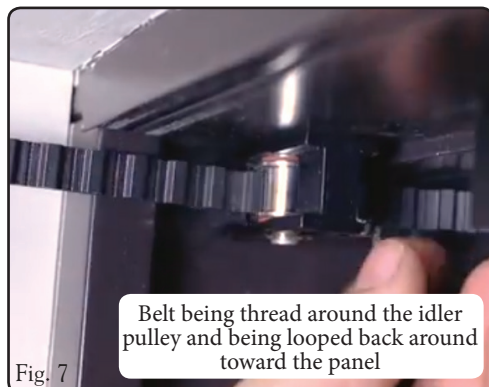
### Belt Installation

Review the Summit Automation instructional video called "Running the Belt" for instructions on cutting the belt to size and attaching the belt connector to the belt.

**See Fig. 5 & 6.** Begin threading the belt into head track 1 toward the idler pulley. It is important to make sure there are no twists in the belt and that the belt teeth are facing toward the exterior of the door.

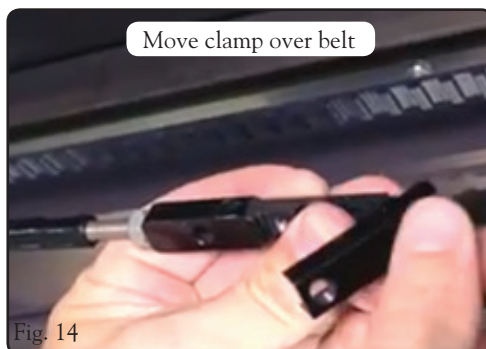
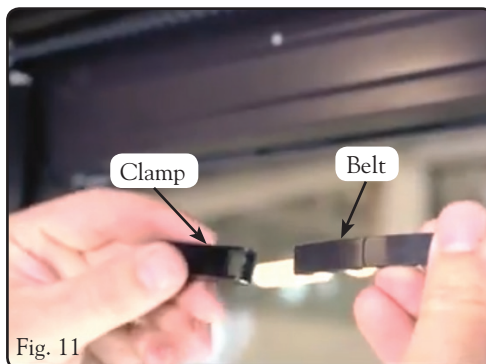


See Fig. 7 & 8. Thread the belt around the idler pulley, looping the belt back around through head track 2 and toward the motor. Ensure there are no twists in the belt and that the teeth face each other.



See Fig. 9. Loop the belt around the motorized pulley and back towards the other end of the belt. Ensure there are no twists in the belt and that the teeth are facing each other.

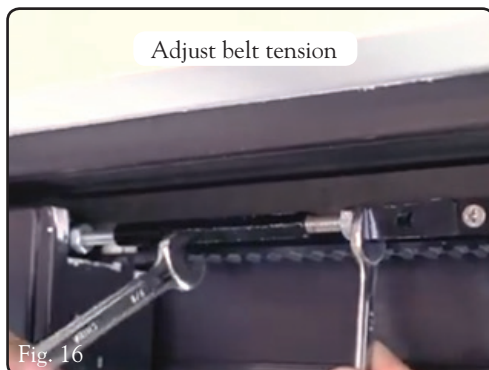
See Fig. 10-15. Attach the belt connector to one end of the belt, cut belt to length and attach belt connector to the other end of the belt as shown in the “Running the Belt” video from Summit Automation.



See Fig. 16. Using a pair of wrenches, adjust the belt connector until the belt is as tight as possible.

See Fig. 17. Slide the belt until the hole on the belt connector is lined up with the edge of the door panel.

See Fig. 18. Insert the 1/4" guide pin into the belt lock





See Fig. 19 & 21. With the 1/4" guide pin in position on the door, pre-drill holes Using a 1/8" drill bit through the guide and into the panel. Secure the 1/4" guide pin to the door panel using the provided #9 x 2" screws.

**4-wide units only! See Fig. 20 & 21.** Place the belt clamp on the edge of the secondary sliding panel so the belt going through track 2 is clamped in place by the belt clamp. Pre-drill 1/8" holes through the belt clamp and into the door panel. Secure in place using the provided #9 x 2" screws.



Fig. 19

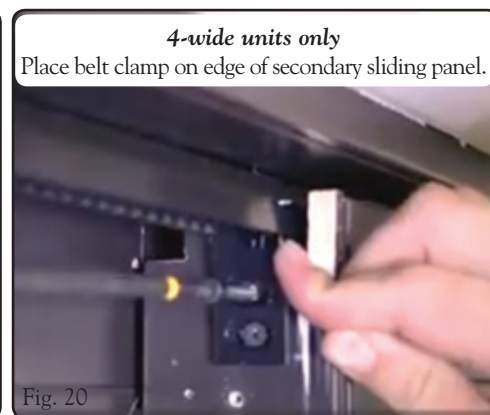


Fig. 20

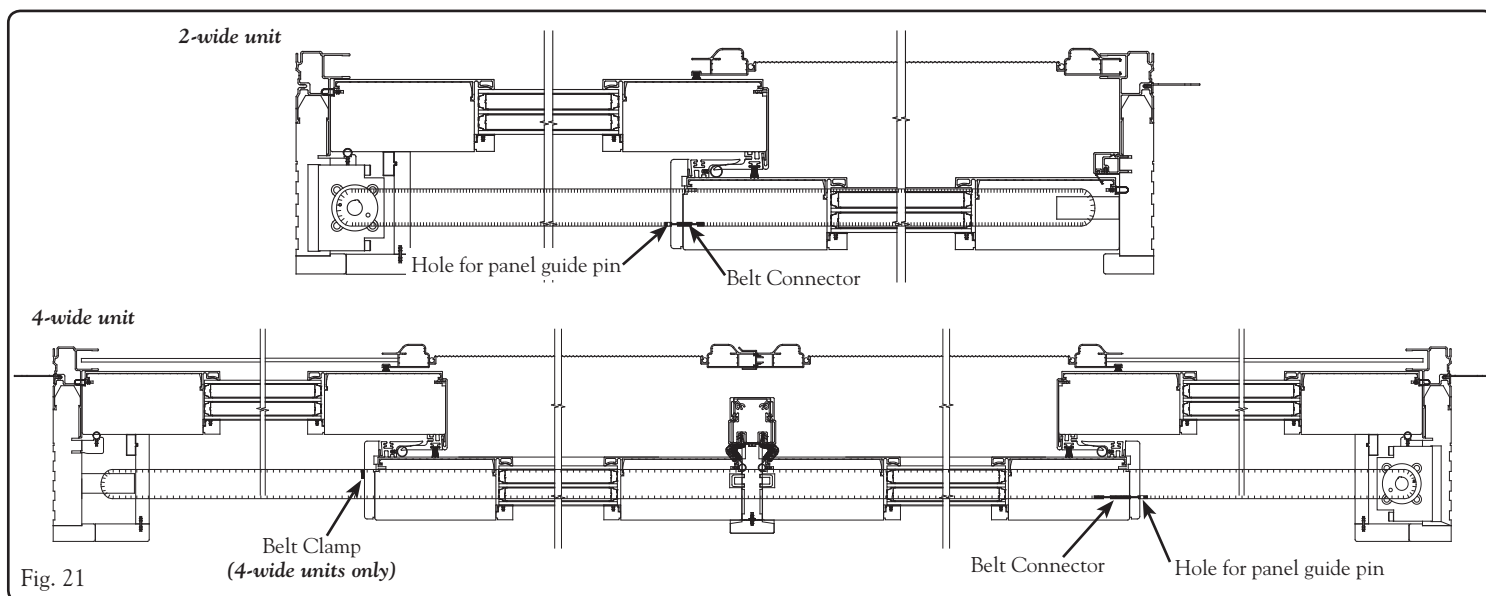


Fig. 21

### Interior Jamb Cover Installation

See Fig. 22. Place the polycarbonate stationary retainer block(s) on the backside of the 3 1/4" interior jamb cover. Use the locating tab on the polycarbonate stationary retainer block to position it in the locating groove on the backside of the interior jamb cover. Place the polycarbonate stationary retainer block(s) 6" in from each end and 12-16" on center thereafter. Secure in place using the provided #7 x 3/4" screws.

See Fig. 23 & 24. The 3-1/4" interior jamb cover will cover the motor and face toward the other side jamb. Use the provided 2" spacers to ensure the opening is the correct width. Secure the interior jamb cover to the door panel using the provided #8 x 1-1/2" screws. Move a 2" spacer near each clear stationary block as you secure each one to the door frame to ensure proper placement.

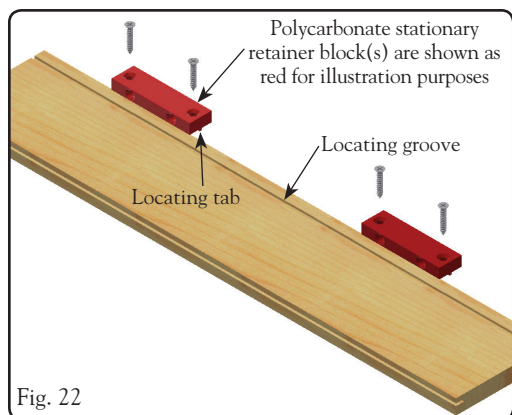


Fig. 22

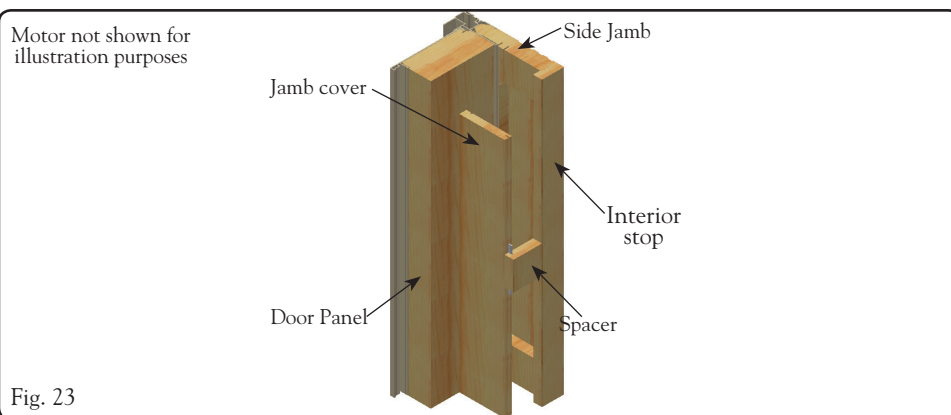
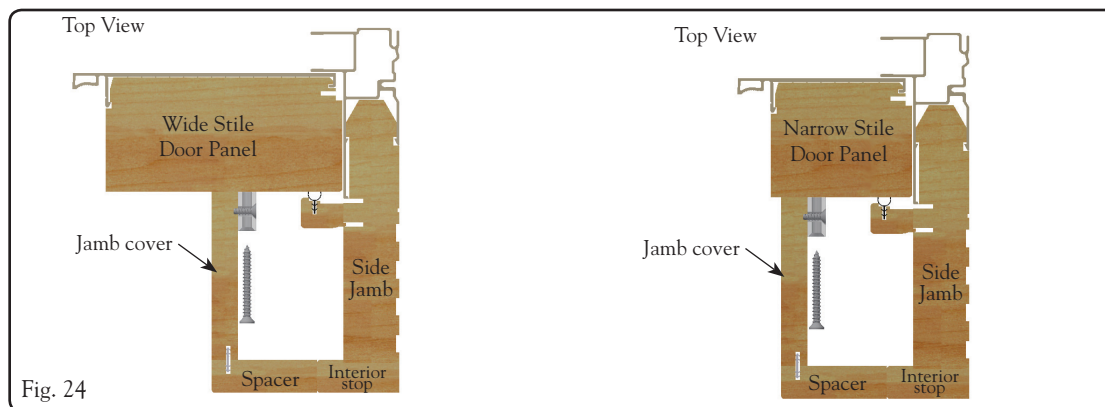


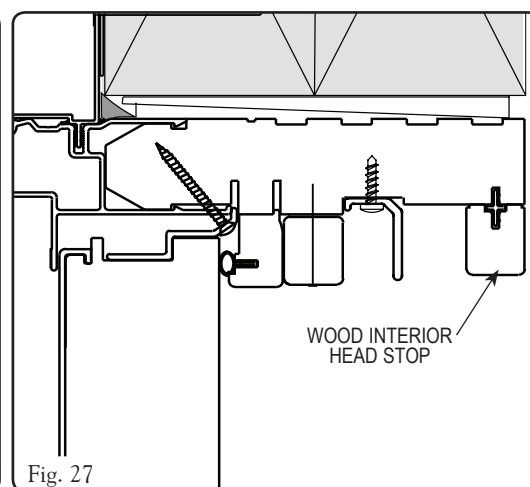
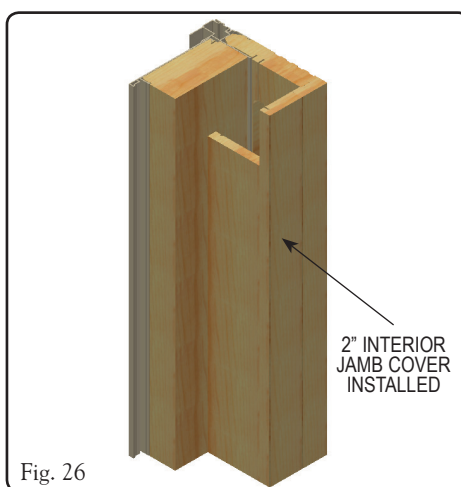
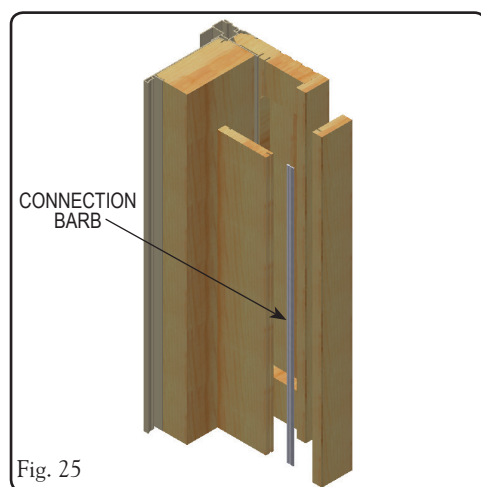
Fig. 23



**See Fig. 25.** Insert the connection barb weatherstrip into the kerf along the length of the 3-1/4" interior jamb cover.

**See Fig. 26.** Apply the 2" interior jamb cover. Line up the kerf on the 2" interior jamb cover with the connection barb and gently tap the 2" interior jamb cover onto it using a rubber mallet.

If you have a **4-wide unit**, repeat the jamb cover installation process for the other side. (2-wide units only receive a cover on the side with the motor.)



**See Fig. 27.** Insert the connection barb of the wood interior head stop into the kerf on the head of the unit and gently tap into place using a rubber mallet.

Contact your Kolbe Window & Door supplier or visit us at [www.kolbewindows.com](http://www.kolbewindows.com) for further information.

THANK YOU FOR PURCHASING KOLBE PRODUCTS.

Kolbe & Kolbe Millwork Co, Inc. reserves the right to change specifications without notice.

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