

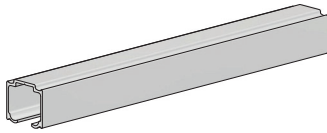
C-411

Installation Instructions

KNC

- Top mount hanger with 3/4 in [19.1 mm] adjustment range
- Precision ground ball bearings with nylon wheels
- Cycle tested up to 150,000 times
- Top mount track
- For up to 150 lbs. [68 kg] doors
- Optional snap-on fascia (C-521)

Parts List



C-400 Top Mount Track x length (1)

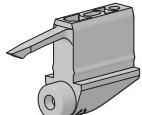
Length = 2 x door width, example:
36 in [914 mm] door = 72 in [1829 mm] track



C-411 Hanger Bodies (2)
c/w wheels



C-411 Top Plates (2)



CDC-411
Catch/Stops (2)



#10 x 2-1/4" Self-Drilling Screws (4)
[FT6]



C-411 T-Bolts (2)



C-411 Spinwheel Nuts (2)



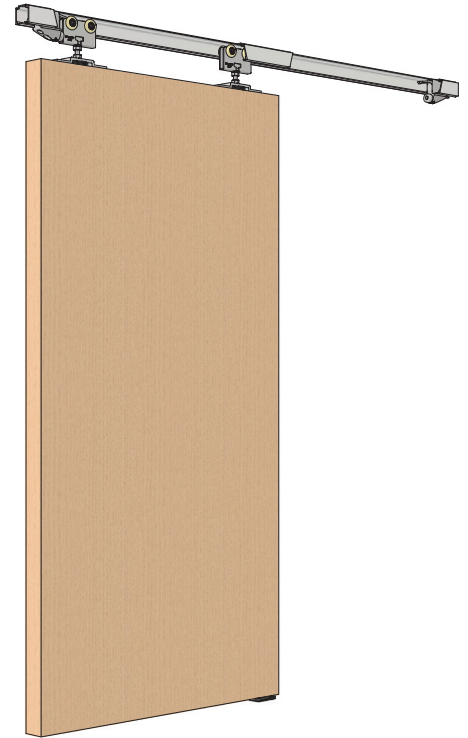
#8 x 3/4" Pan Head Screws (8)
[FT2]



5/16-18 K-Lock Nuts (4)
[FT17]

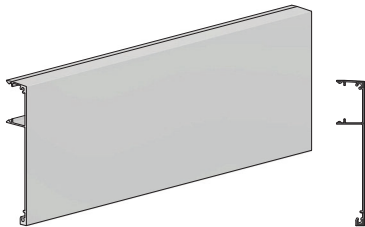


#10 x 1-3/4" Flat Head Screws (8)
[FT9]



Complete C-411-W kit illustrated.
Cut-outs in track to expose components.

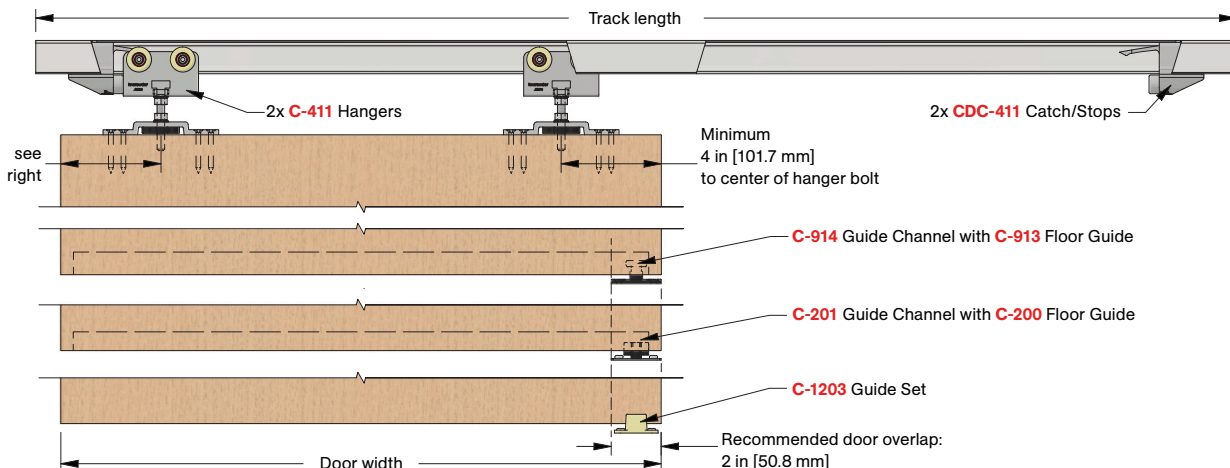
Optional Add-on Products



C-521 Snap-on Fascia x length (1)

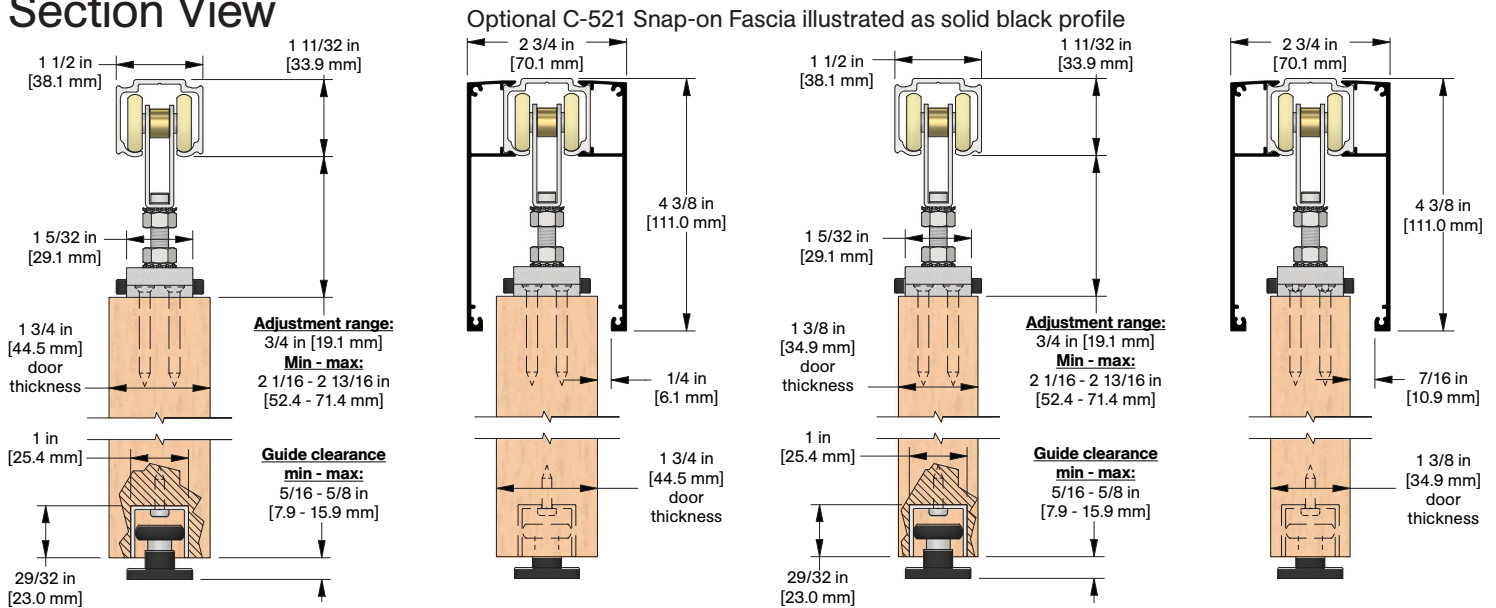
Length = same as track length, example:
72 in [1829 mm] track = 72 in [1829 mm] fascia

Elevation View

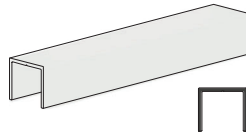
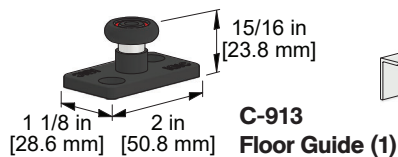


Product Details and Dimensions

Section View

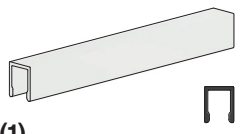
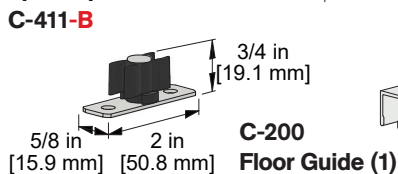
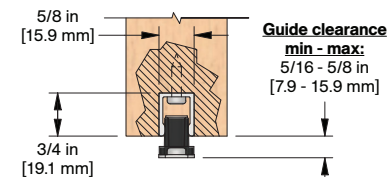


C-411-W

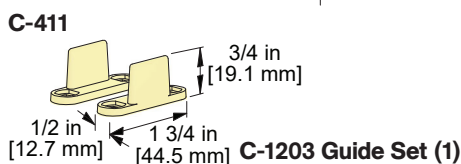
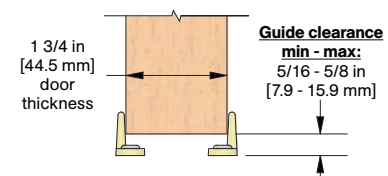


#8 x 3/4" Pan Head Screws (4)
[FT2]

#10 x 1-1/2" Flat Head Screws (2)
[FT7]



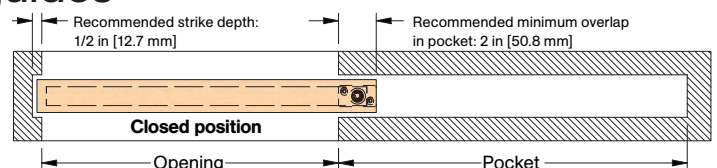
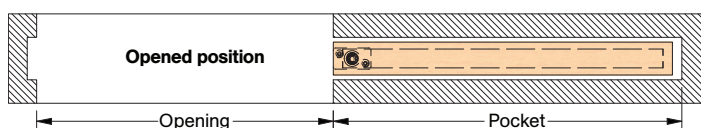
#8 x 3/4" Pan Head Screws (6)
[FT2]



#8 x 3/4" Pan Head Screws (4)
[FT2]

Typical installation location for floor guides

For pocket door applications



Installation Steps

Step #1:

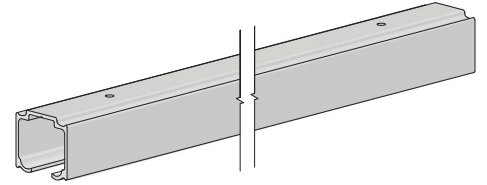
Determine door size, header height, track position, and bottom clearance based on kit code ordered by using dimensions shown in detail views on previous page.

Step #2:

Note: If access to ends of track is not available, step #3 must be completed before step #2.

Cut C-400 aluminum track to size if required, typically 2 x door width. Drill $\varnothing 3/16$ in [4.7 mm] clearance holes through center of track at appropriate intervals. Secure track to structural support/header with #8 x 3/4" Pan Head Screws [FT2], quantity of ten (10) are supplied.

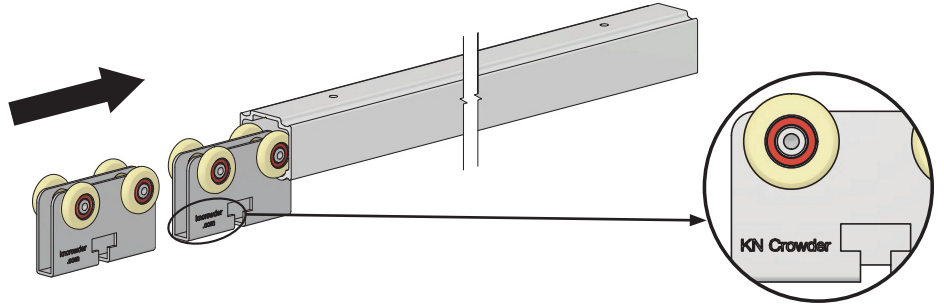
Note: Solid support is required and spacing is recommended to be between 12–16 in [300–400 mm] on center. Consult structural engineer to ensure adequate support and fastening.



Step #3:

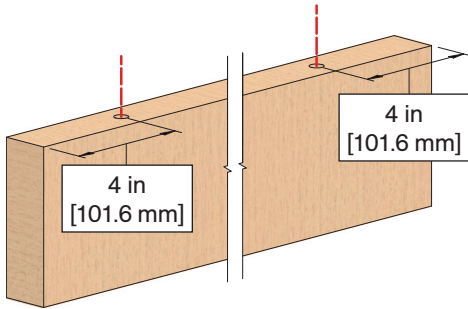
Slide two (2) C-411 Hanger Bodies with wheels into track.

Note: Ensure "kncrowder.com" text on hanger bodies both face same side.



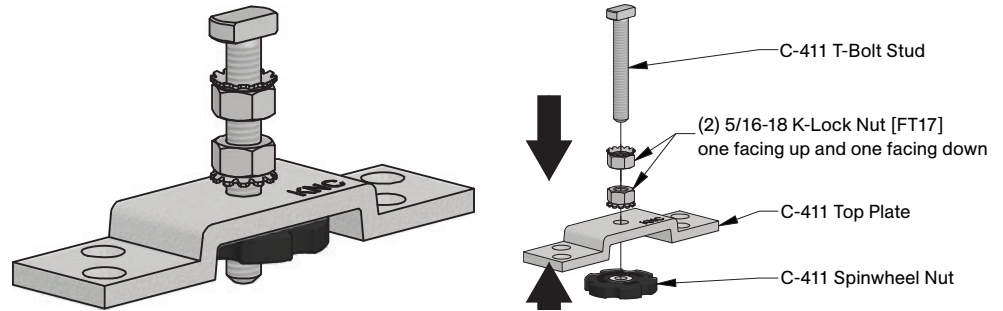
Step #4:

Locate center of clearance hole/top plate on top of door and drill a $\varnothing 1/2$ in [12.7 mm] clearance hole at least 2 in [50.8 mm] deep.



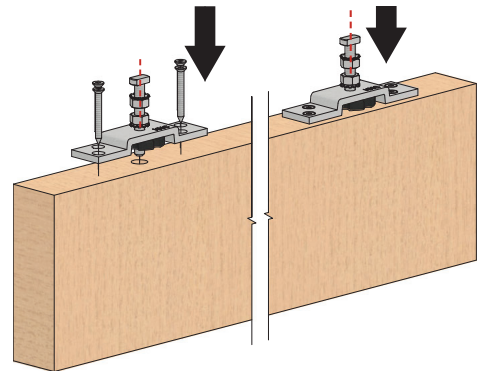
Step #5:

Assemble C-411 Top Plate assemblies, two (2) assemblies required.

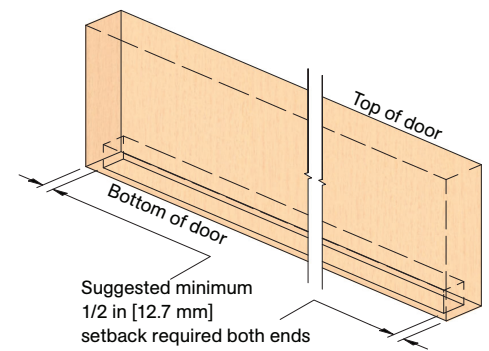


Step #6:

Place assemblies from **step #5** on top edge of door with t-bolt placed into clearance hole. Mark screw hole locations and pre-drill $\varnothing 1/8$ in [3.2 mm] holes at least 1 1/2 in [38.1 mm] deep. Secure with four (4) #10 x 1-3/4" Flat Head Screws [FT9] per hanger.



Note: If door has sufficient overlap, guide channel can be recessed into door without cutting a full-length slot in door. If guide channel will be fully recessed, it is recommended to have at least 1/2 in [12.7 mm] door material at each end of door before start of guide channel slot.



For C-411

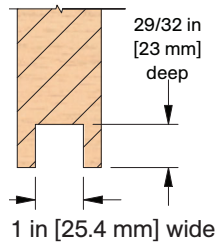
Steps #7 and 8:

No guide channel prep or installation required.

For C-411-W

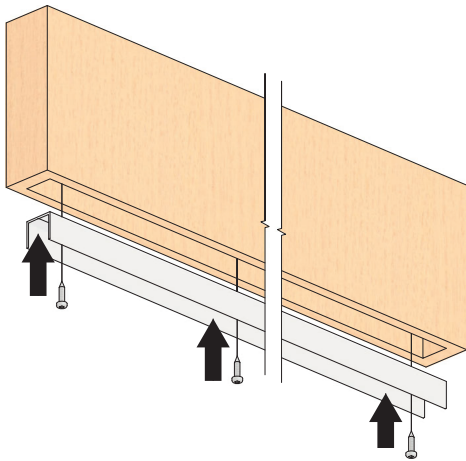
Step #7:

Prepare C-914 Guide Channel Slot in bottom of door:
1 in [25.4 mm] wide in center of door,
29/32 in [23 mm] deep and set back
1/2 in [12.7 mm] from both edges of door.
Make slot as accurate as possible for
secure fit and neat appearance.



Step #8:

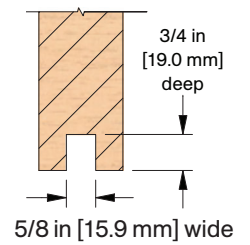
Cut C-914 aluminum guide channel to length of slot routed in **step #7**. Drill holes in C-914 Guide Channel and pre-drill holes in door. Locate C-914 Guide Channel in slot and secure channel into place with four (4) #8 x 3/4" Pan Head Screws [FT2].



For C-411-B

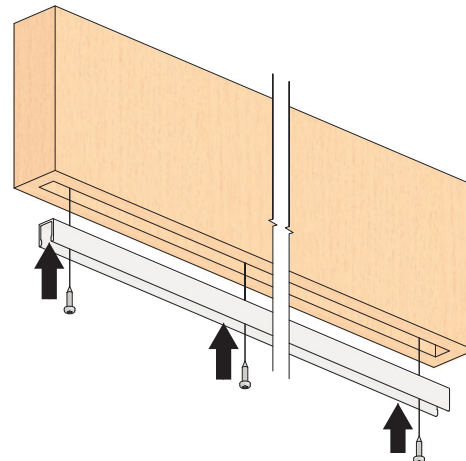
Step #7:

Prepare C-201 Guide Channel Slot in bottom of door:
5/8 in [15.9 mm] wide in center of door,
3/4 in [19.1 mm] deep and set back
1/2 in [12.7 mm] from both edges of door.
Make slot as accurate as possible for
secure fit and neat appearance.



Step #8:

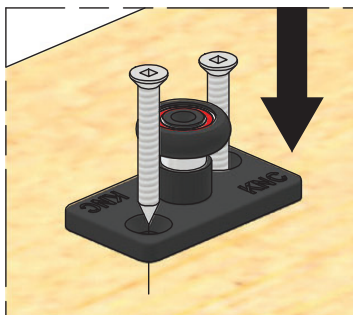
Cut C-201 aluminum guide channel to length of slot routed in **step #7**. Drill holes in C-201 Guide Channel and pre-drill holes in door. Locate C-201 Guide Channel in slot and secure channel into place with four (4) #8 x 3/4" Pan Head Screws [FT2].



For C-411-W

Step #9:

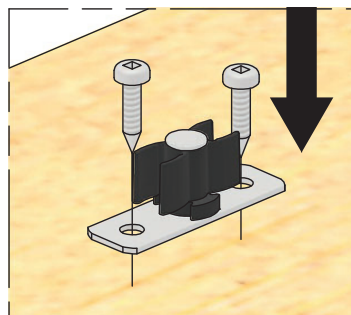
Position C-913 Guide per typical installation location details and secure to floor with two (2) #10 x 1-1/2" Flat Head Screws [FT7].



For C-411-B

Step #9:

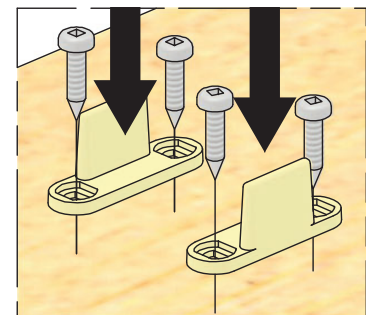
Position C-200 Guide per typical installation location details and secure to floor with two (2) #8 x 3/4" Pan Head Screws [FT2].

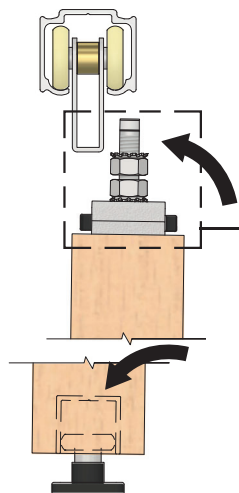


For C-411

Step #9:

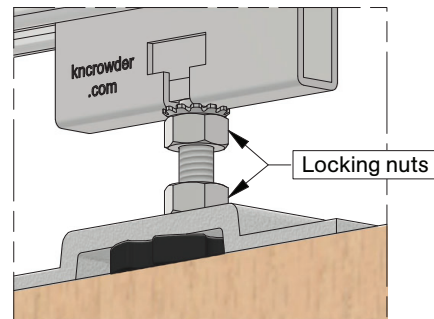
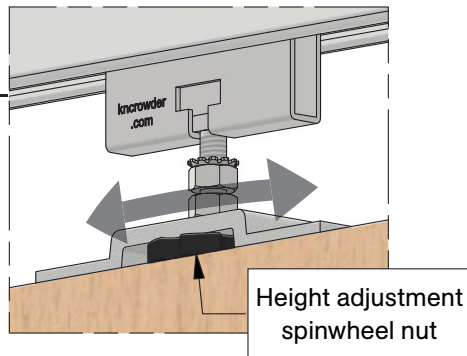
Position C-1203 Nylon Guide Set per typical installation location details and secure to floor with four (4) #8 x 3/4" Pan Head Screws [FT2].





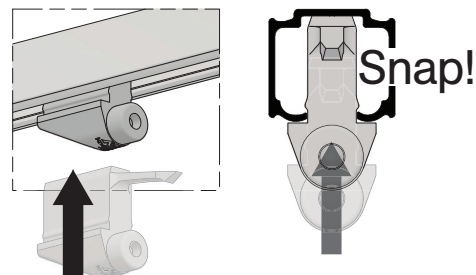
Step #10:

Raise door, position over guide and under C-411 Hanger Bodies in track. Lift door up and engage t-bolt with t-slot on C-411 Hanger Bodies. Adjust door height and plumb using spinwheel nuts on top plate assembly lock final height adjustment with 5/16-18 K-Lock Nuts [FT17] using 1/2 in wrench.



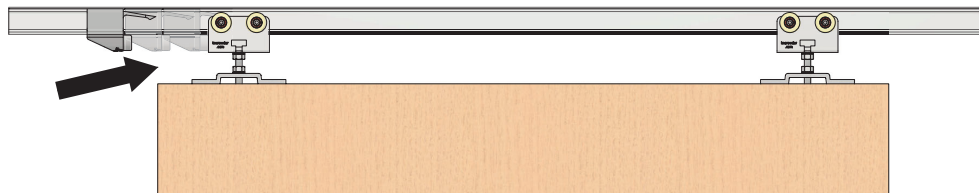
Step #11:

After door has been installed, snap CDC-411 Catch/Stops into each end of track with bumpers facing towards center of track. Once snapped into track, CDC-411 Catch/Stops should be free to slide within track.



Step #12:

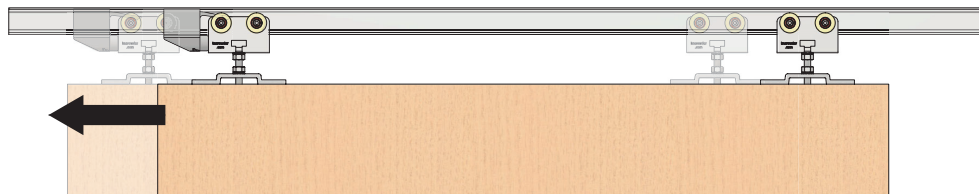
Position door approximately 5-10 in [127-254 mm] away from final position at one end, shown right with left side. Push loose CDC-411 Catch/Stop against hanger and engage it with hanger. Bumper should be against hanger body.



Step #13:

With CDC-411 Catch/Stop loose, slide door to final/desired position.

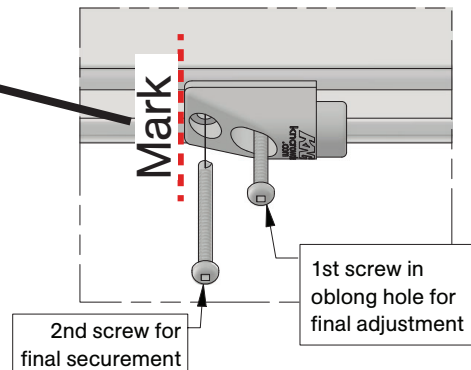
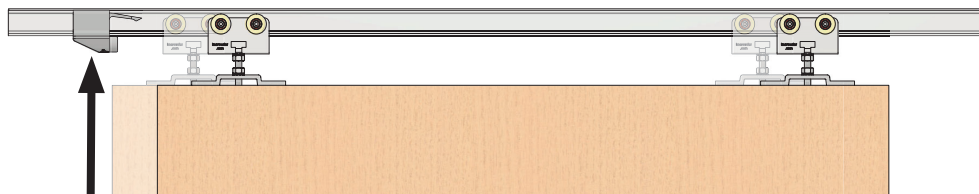
Note: Ensure that strike and any finishing trim thicknesses are taken into consideration for final/desired position of door.



Step #14:

Once final position is achieved, mark outside edge of CDC-411 Catch/Stop as shown right, disengage CDC-411 Catch/Stop from hanger and slide door back. Position CDC-411 Catch/Stop at mark and secure with one (1) #10 x 2-1/4" Self-Drilling Screw [FT6] in oblong hole. Recheck door position and adjust CDC-411 Catch/Stop if necessary before securing in second hole with #10 x 2-1/4" Self-Drilling Screw [FT6].

Note: Remove any drill fillings from inside of track as this will affect operation of sliding door system.



Step #15:

Repeat steps #12 - 14 for opposite CDC-411 Catch/Stop.

Note: Ensure that strike and any finishing trim thicknesses are taken into consideration for final/desired position of door.

Optional C-521 Fascia Installation

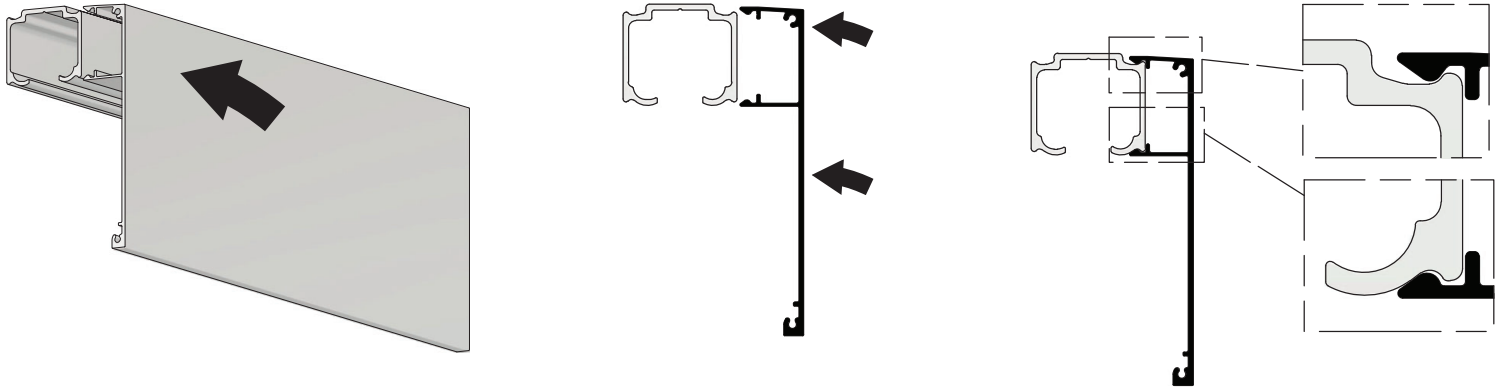
Step #F1:

Cut C-521 Fascia to match track length.

Step #F2:

Lift fascia up to track. Snap it into place as shown.

Note: If fascia is loose, use a rubber mallet on inside leg at 24 in [610 mm] intervals to tighten fit.



Top Plate Template

