

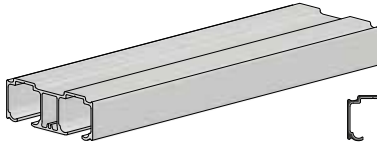
C-511

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 double (bypass) track
- For 1 3/4 in [44.5 mm] doors
- For up to 150 lbs. [68 kg] doors
- Optional snap-on fascia (C-521)

Parts List



C-500 Top Mount Double (Bypass)

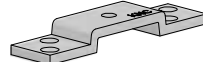
Track x length (1)

Length = 2 x door width, example:

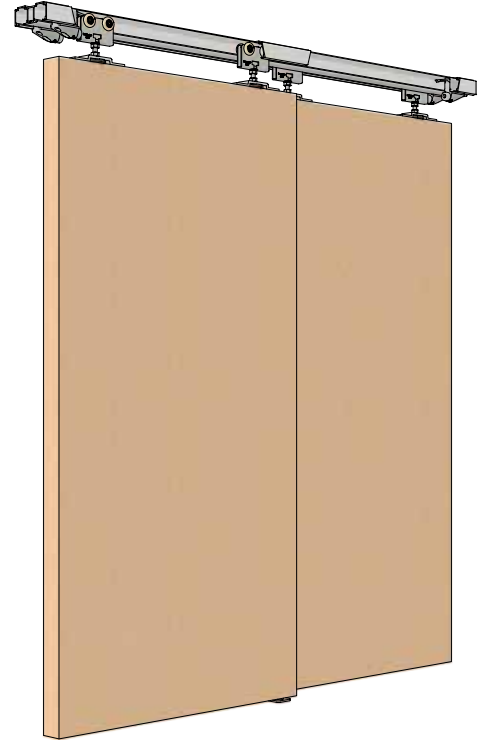
36 in [914 mm] door = 72 in [1829 mm] track



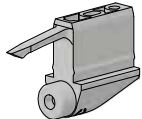
C-411 Hanger Bodies (4)
c/w wheels



C-411 Top Plates (4)



Complete C-511-W kit illustrated.
Cut-outs in track to expose components.



CDC-411
Catch/Stops (4)



#10 x 2-1/4" Self-Drilling Screws (8)
[FT6]



C-411 T-Bolts (4)



C-411 Spinwheel Nuts (4)



#8 x 3/4" Pan Head Screws (16)
[FT2]

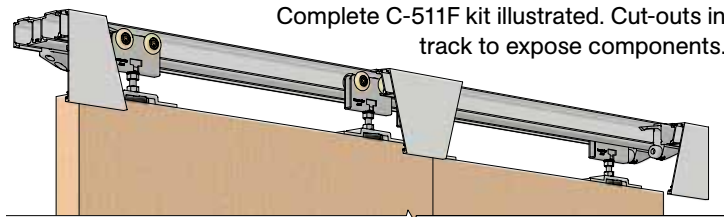


5/16-18 K-Lock Nuts (8)
[FT17]

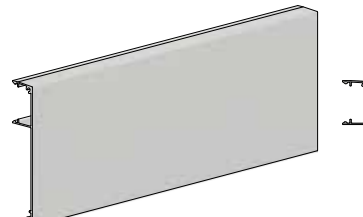


#10 x 1-3/4" Flat Head Screws (16)
[FT9]

Optional Add-on Products



Complete C-511F kit illustrated. Cut-outs in track to expose components.

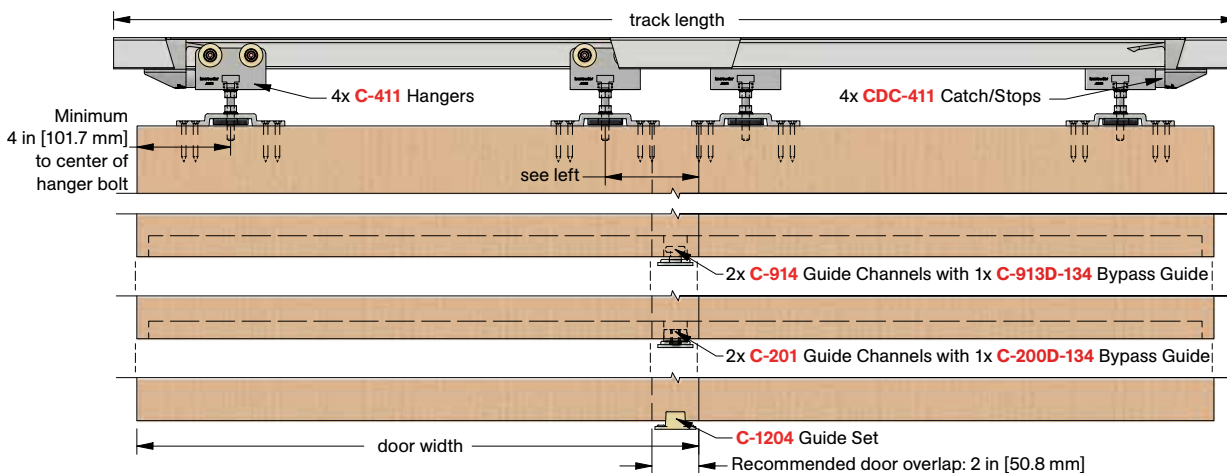


C-521 Snap-on Fascia x length (1)

Length = same as track length, example:

72 in [1829 mm] track = 72 in [1829 mm] fascia

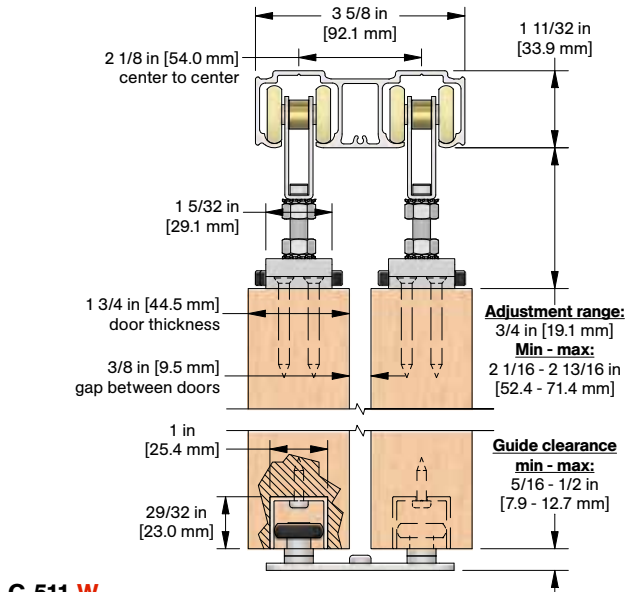
Elevation View



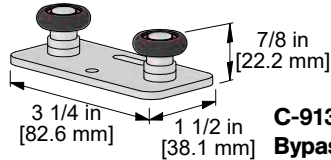
Product Details and Dimensions

Section View

Optional C-521 Snap-on Fascia illustrated as solid black profile



C-511-W



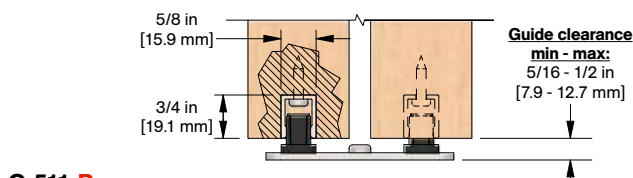
C-913D-134
Bypass Double Guide (1)

C-914 Guide Channels x length (2)

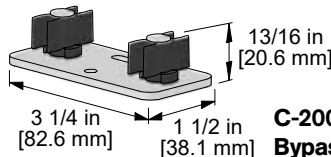
Length = door width, example:
36 in [914 mm] door = 36 in [914 mm]
guide channel less set-backs if desired

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

#10 x 1-1/4" Pan
Head Screws (2)
[FT4]



C-511-B



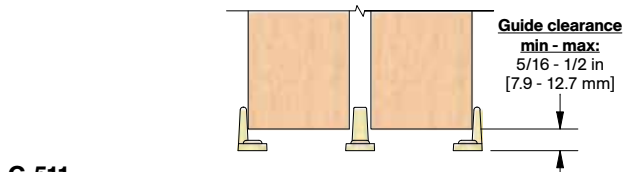
C-200D-134
Bypass Double Guide (1)

C-201 Guide Channels x length (2)

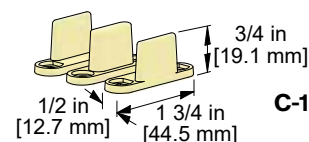
Length = door width, example:
36 in [914 mm] door = 36 in [914 mm]
guide channel less set-backs if desired

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

#10 x 1-1/4" Pan
Head Screws (2)
[FT4]



C-511

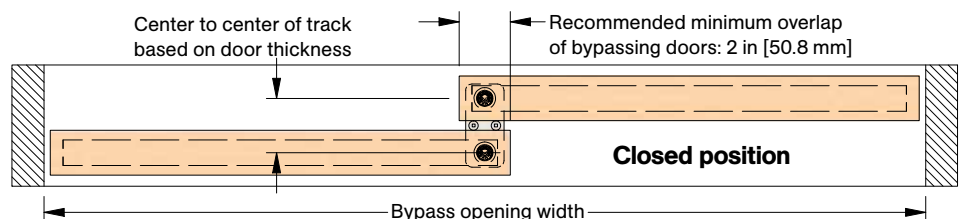


C-1204 Guide Set (1)

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

Typical installation location for floor guides

For bypassing applications



Installation Steps

Step #1:

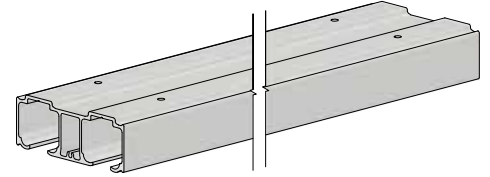
Determine door size, header height, track position, and bottom clearance based on the kit code ordered by using dimensions shown in detail views on previous page.

Step #2:

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

Cut C-500 aluminum track to size if required, typically 2 x door width. Drill Ø3/16 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 sixteen (16) are supplied.

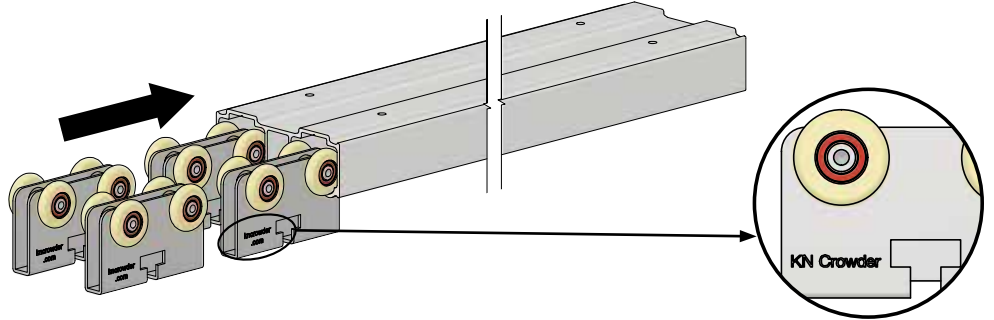
Note: Solid support is required and spacing is recommended to be between 12–16 in [300–400 mm] on center. Consult structural engineer to ensure adequate support and fastening.



Step #3:

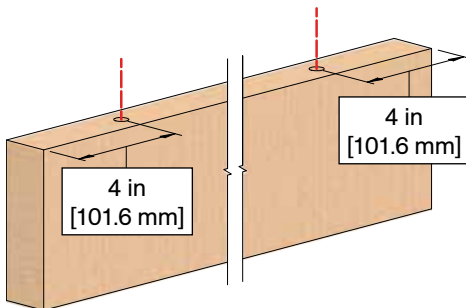
Slide four (4) C-411 Hanger Bodies with wheels into track as shown.

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



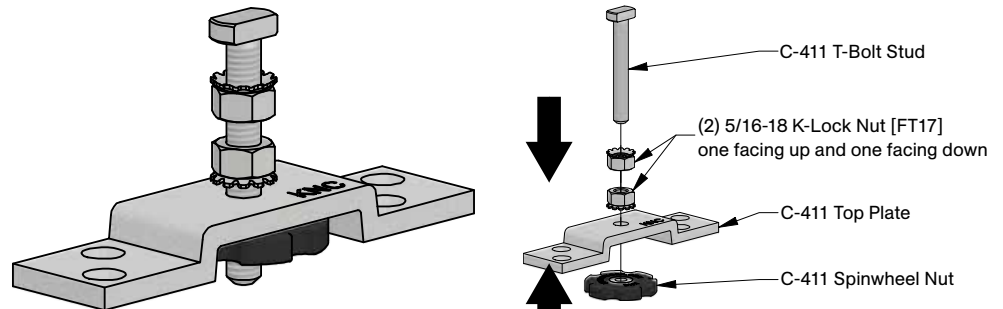
Step #4:

Locate center of clearance hole/top plate on top of each door and drill a Ø1/2 in [12.7 mm] clearance hole at least 2 in [50.8 mm] deep as shown.



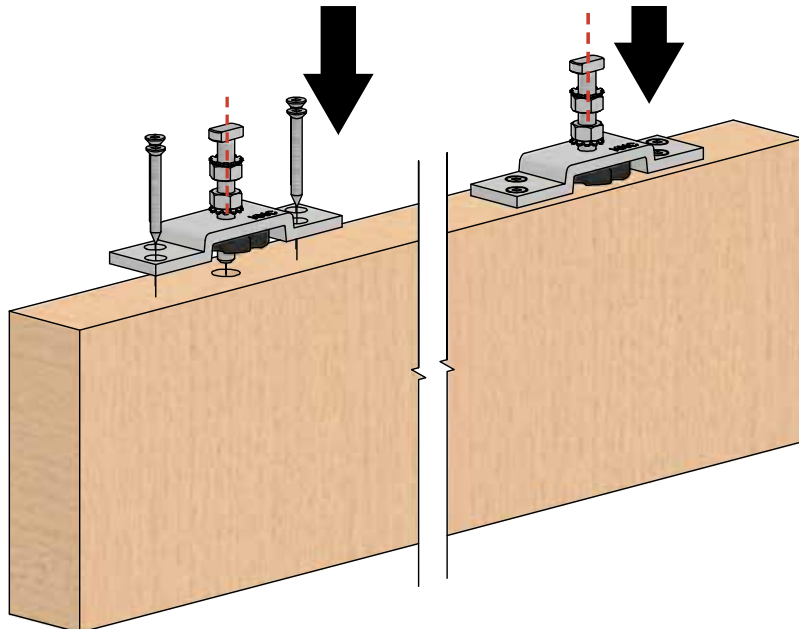
Step #5:

Assemble C-411 Top Plate assemblies as shown, four (4) assemblies required.

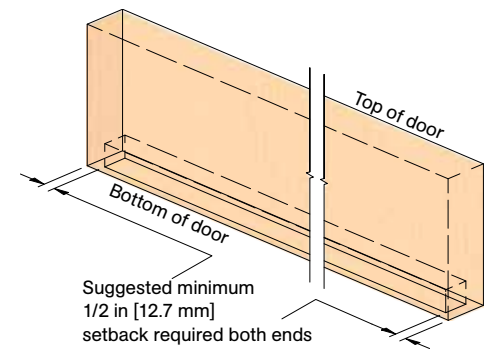


Step #6:

Place assemblies from **step #5** on top edge of each door with t-bolt placed into clearance hole. Mark screw hole locations and pre-drill Ø1/8 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 doors have sufficient overlap, guide channel can be recessed into doors 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-511

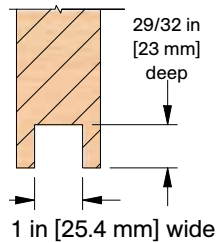
Steps #7 and 8:

No guide channel prep or installation required.

For C-511-W

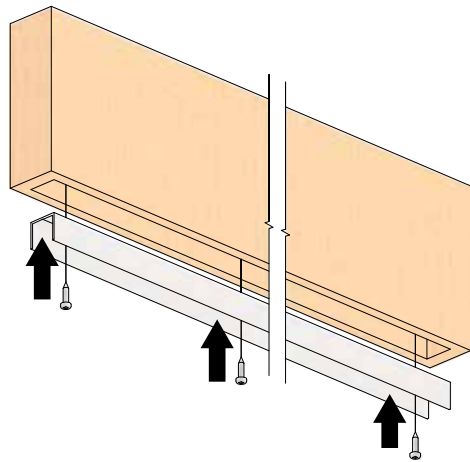
Step #7:

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



Step #8:

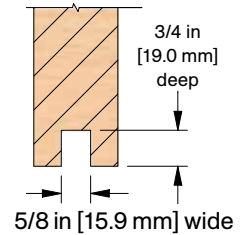
Cut C-914 aluminum guide channel to length of slot routed in **step #7**. Drill holes in C-914 Guide Channel and pre-drill holes in doors. Locate C-914 Guide Channel in slot and secure channel into place with four (4) #8 x 3/4" Pan Head Screws [FT2].



For C-511-B

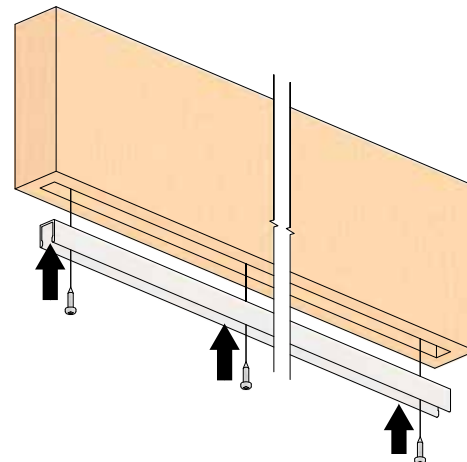
Step #7:

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



Step #8:

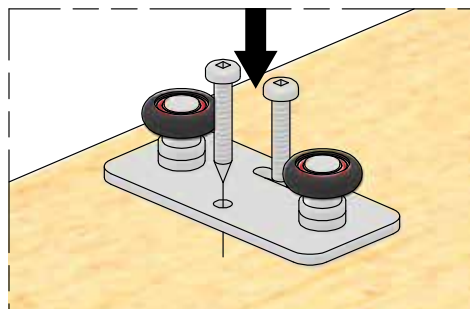
Cut C-201 aluminum guide channel to length of slot routed in **step #7**. Drill holes in C-201 Guide Channel and pre-drill holes in doors. Locate C-201 Guide Channel in slot and secure channel into place with four (4) #8 x 3/4" Pan Head Screws [FT2].



For C-511-W

Step #9:

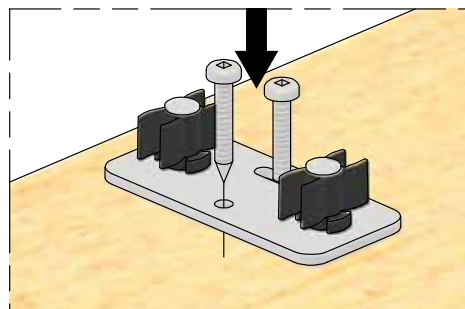
Position C-913D-134 Bypass Guide per typical installation location details and secure to floor with two (2) #10 x 1-1/4" Pan Head Screws [FT4].



For C-511-B

Step #9:

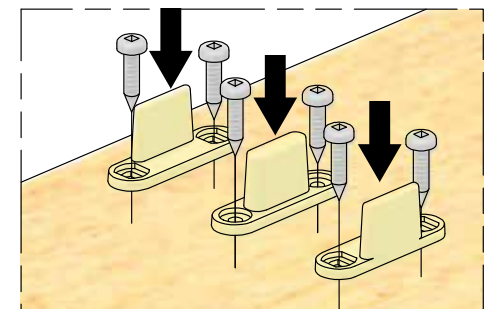
Position C-200D-134 Bypass Guide per typical installation location details and secure to floor with two (2) #10 x 1-1/4" Pan Head Screws [FT4].

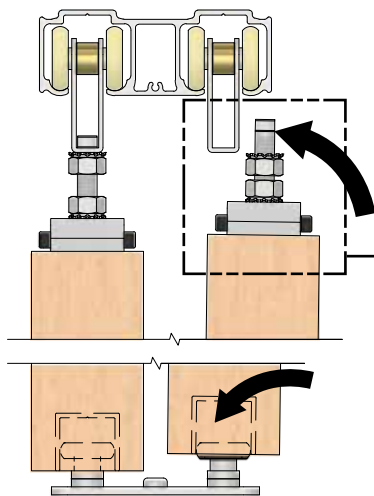


For C-511

Step #9:

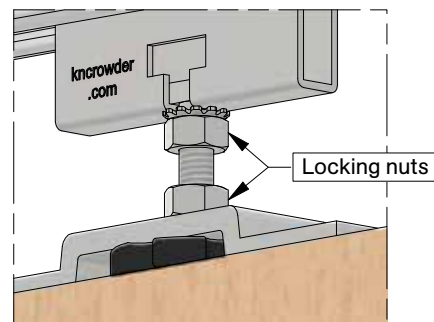
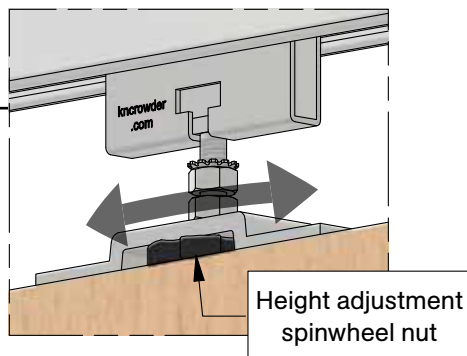
Position C-1204 Nylon Guide Set per typical installation location details and secure to floor with six (6) #8 x 3/4" Pan Head Screws [FT2].





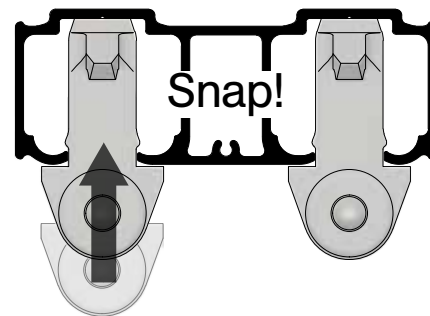
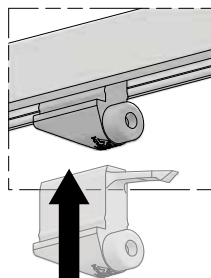
Step #10:

Raise back door first, 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. Repeat for front door.



Step #11:

After doors have 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:

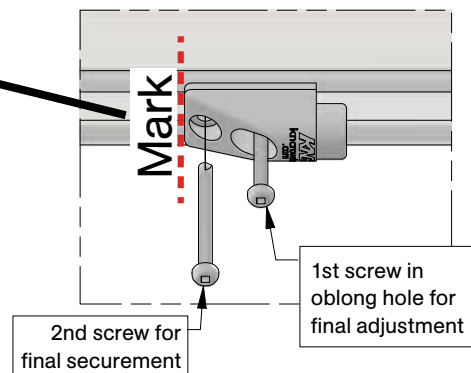
Once final position is achieved, mark outside edge of CDC-411 Catch/Stop as shown right, disengage CDC-411 Catch/Stop from hanger and slide door back. Position CDC-411 Catch/Stop at mark and secure with one (1) #10 x 2-1/4" Self-Drilling Screw [FT6] in oblong hole. Recheck door position and adjust CDC-411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

Note: Ensure that strike and any finishing trim thicknesses are taken into consideration for where door will be in final position.



Optional C-521 Fascia Installation

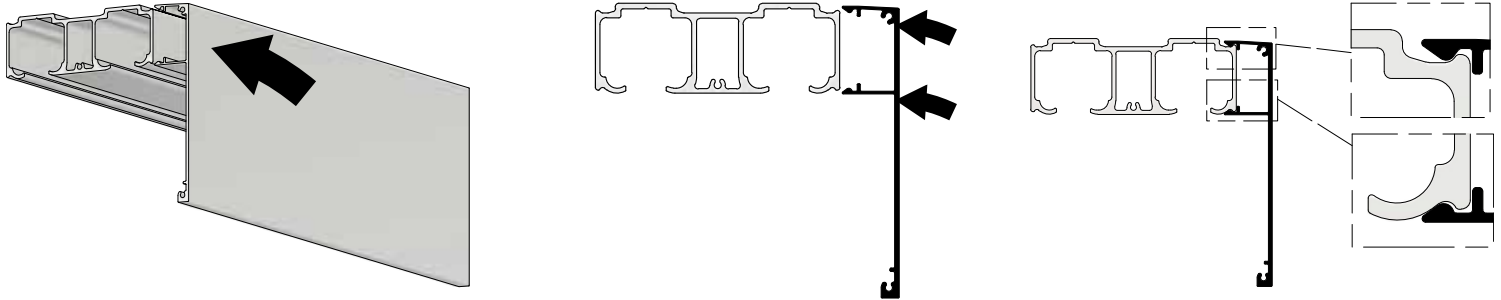
Step #F1:

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

