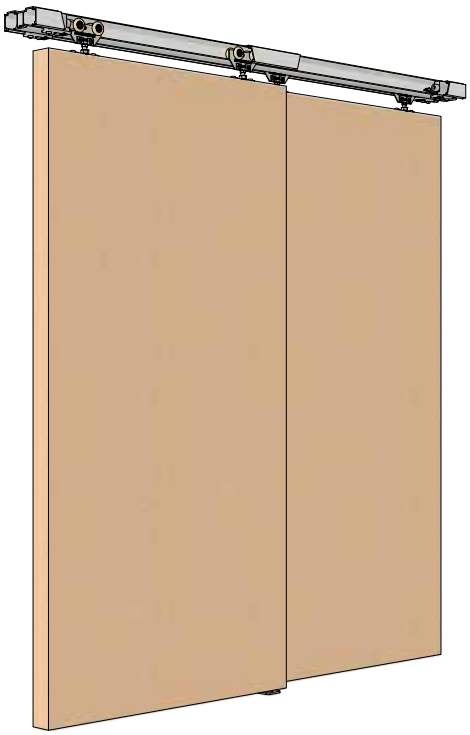
C-538
Installation Instructions

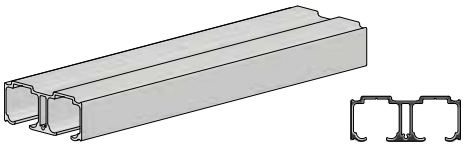
KNC

- Top mount hanger with 1/2 in [12.7 mm] adjustment range
- Precision ground ball bearings with nylon wheels
- Cycle tested up to 150,000 times
- Top mount double (bypass) track
- For 1 3/8 in [34.9 mm] doors
- For up to 125 lbs [57 kg] doors
- Optional snap-on fascia (C-519)



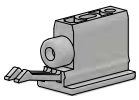
Complete C-538-W kit illustrated.
Cut-outs in track to expose components.

Parts' List



C-538 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-400 Hanger Body (4)
c/w wheels and stud



CDC-400 Catch/Stop (4)

C-400 Top Plate (4)

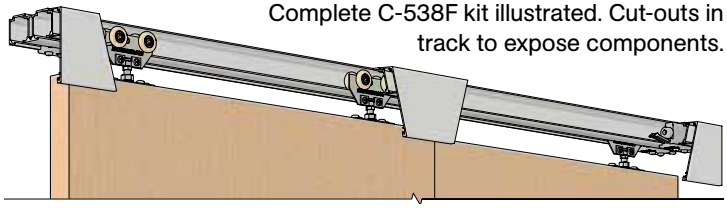
#10 x 1-1/4" Pan Head Screw (16)
[FT4]

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

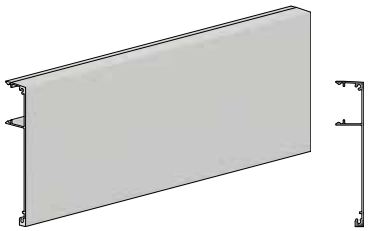
#10 x 2-1/4" Self-Drilling Screw (8)
[FT6]

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

Optional Add-on Products

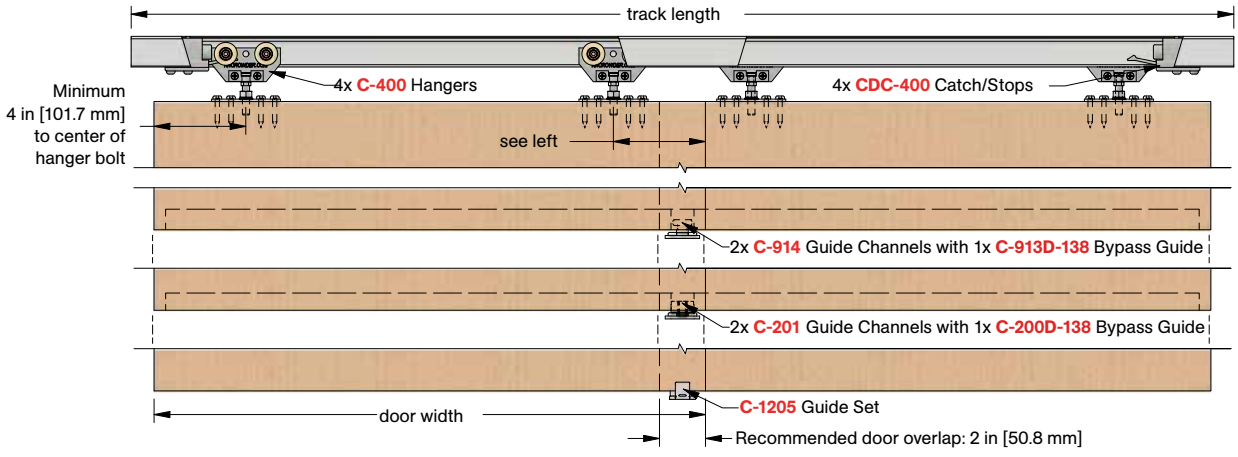


Complete C-538F kit illustrated. Cut-outs in track to expose components.



C-519 Snap-on Fascia x length (1)
Length = same as track length, example:
72 in [1829 mm] track = 72 in [1829 mm] fascia

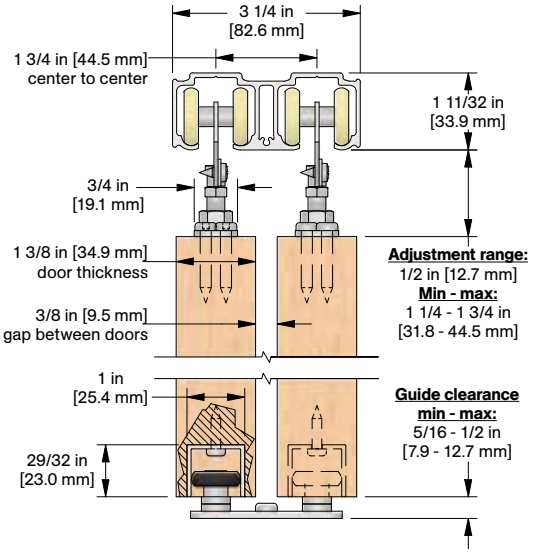
Elevation View

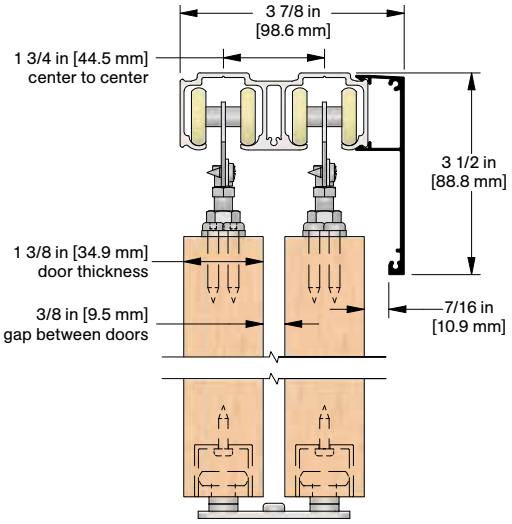


Product Details and Dimensions

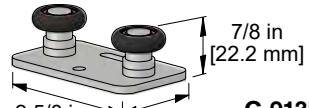
Section View

Optional C-519 Snap-on Fascia illustrated as solid black profile

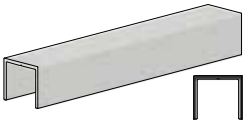




C-538-W



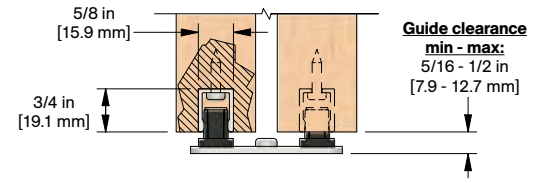
C-913D-138
Double Bypass Guide (1)

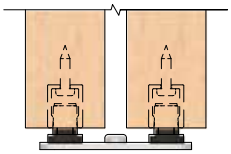


C-914 Guide Channel x length (2)
Length = door width, example:
36 in [914 mm] door = 36 in [914 mm]
guide channel less set-backs if desired

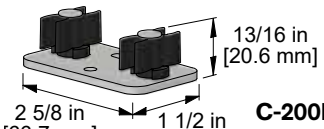
#8 x 3/4" Pan Head Screws (8)
[FT2]

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





C-538-B

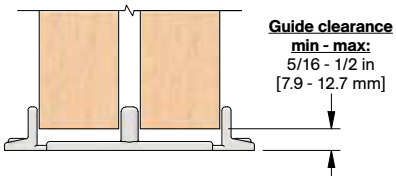


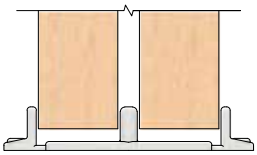
C-200D-138
Double Bypass Guide (1)

C-201 Guide Channel x length (2)
Length = door width, example:
36 in [914 mm] door = 36 in [914 mm]
guide channel less set-backs if desired

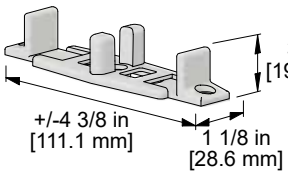
#8 x 3/4" Pan Head Screws (8)
[FT2]

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





C-538

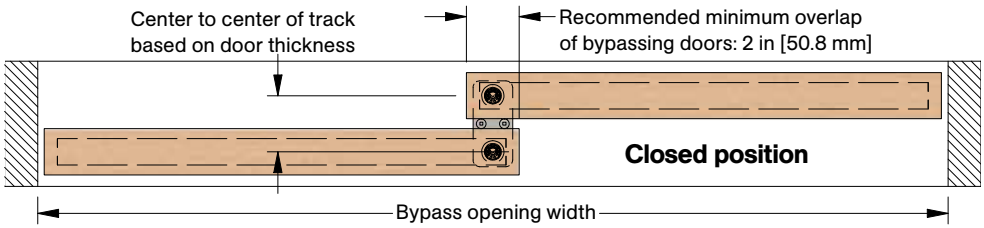


C-1205 Guide Set (1)

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

Typical installation location for floor guides

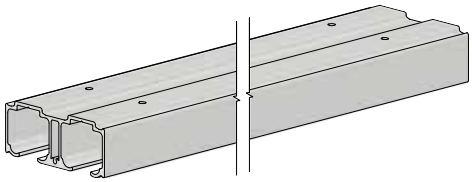
For bypassing applications



Installation Steps

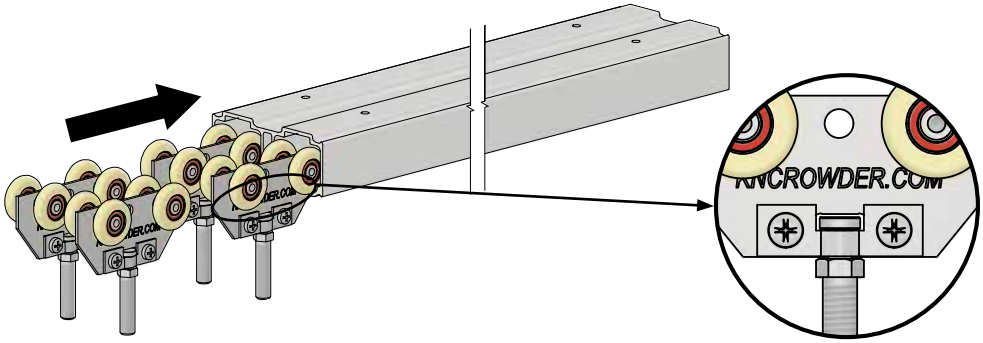
Step #1:
Determine door size, header height, track position and bottom clearance based on the kit code ordered by using dimensions shown in detail views on previous page.

Step #2:
Note: If access to the ends of track is not available, step #3 must be completed before step #2.
Cut C-538 aluminum track to size if required, typically 2 x the door width. Locate and pre-drill Ø3/16 in holes through center of track. Secure track to structural support/header with #8 x 3/4" Pan Head Screws [FT2], quantity of 16 are supplied.

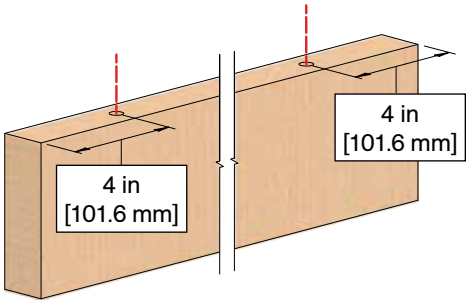


Note: Solid support is required and spacing is recommended to be between 12-16 in [300-400 mm] on center. Consult structural engineer to ensure adequate support and fastening.

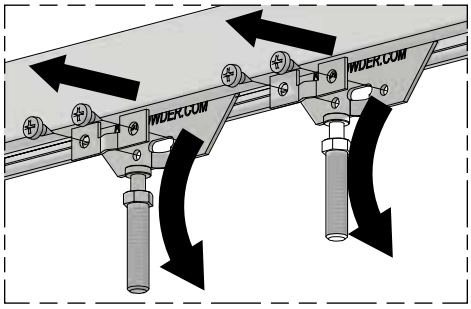
Step #3:
Slide four (4) C-400 Hanger Bodies with wheels into track as shown right.
Note: Ensure "kncrowder.com" text on hanger bodies both face same side as shown.



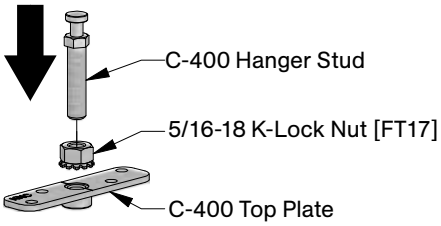
Step #4:
Locate center of clearance hole/top plate on top of each door and drill a Ø1/2 in [12.7 mm] clearance hole at least 2 in [50.8 mm] deep as shown.



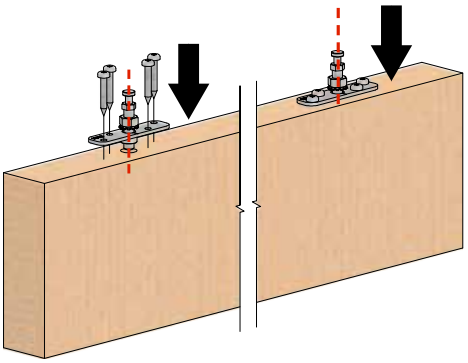
Step #5A:
Using Phillips screwdriver, remove clip screws on C-400 Hanger Bodies, previously installed in track, to remove C-400 Hanger Stud as shown.



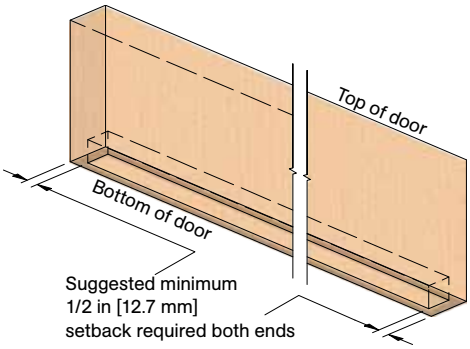
Step #5B:
Assemble C-400 Top Plate assemblies as shown, 2 assemblies required.



Step #6:
Place assemblies from **step #5** on top edge of door with hanger 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 (4 per hanger) #10 x 1-1/4" Pan Head Screws [FT4].



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-500

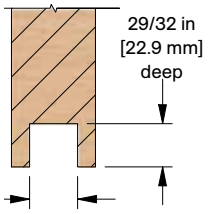
Steps #7 and 8:

No guide channel prep or installation required.

For C-500-W

Step #7:

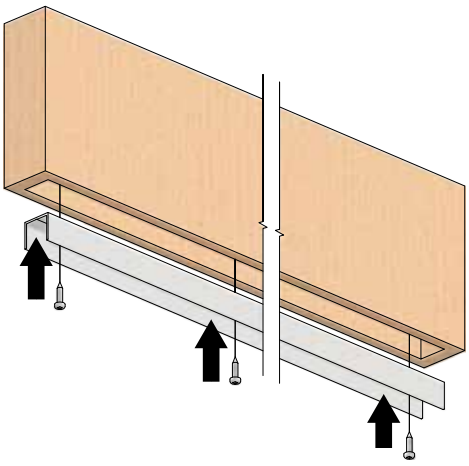
Prepare C-914 Guide Channel Slot in bottom of doors:
1 in [25.4 mm] wide in center of doors, 29/32 in [23 mm] deep and set back 1/2 in [12.7 mm] from both edges of doors. It is recommended to make slot as accurate as possible for secure fit and neat appearance.



1 in [25.4 mm] wide

Step #8:

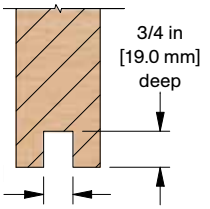
Cut C-914 aluminum guide channel to correct length as required. Drill holes in C-914 Guide Channel and pre-drill holes in doors. Locate C-914 Guide Channel in slot and secure channel into place with (4) #8 x 3/4" Pan Head Screws [FT2].



For C-500-B

Step #7:

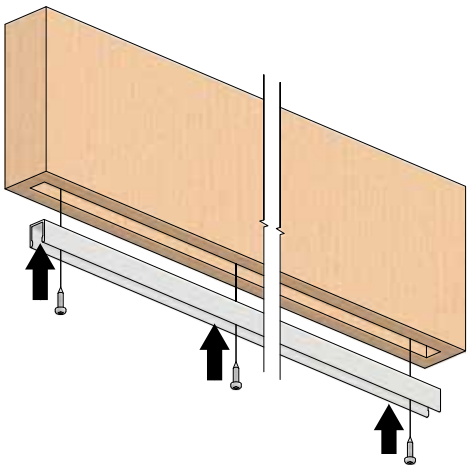
Prepare C-201 Guide Channel Slot in bottom of doors:
5/8 in [15.9 mm] wide in center of doors, 3/4 in [19.1 mm] deep and set back 1/2 in [12.7 mm] from both edges of doors. It is recommended to make slot as accurate as possible for secure fit and neat appearance.



5/8 in [15.9 mm] wide

Step #8:

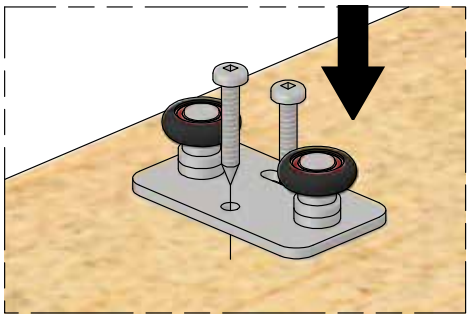
Cut C-201 aluminum guide channel to correct length as required. Drill holes in C-201 Guide Channel and pre-drill holes in doors. Locate C-201 Guide Channel in slot and secure channel into place with (4) #8 x 3/4" Pan Head Screws [FT2].



For C-500-W

Step #9:

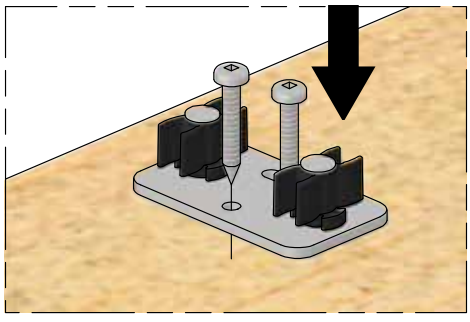
Position C-913D-138 Bypass Guide per typical installation location details and secure to floor with two (2) #10 x 1-1/4" Pan Head Screws [FT4].



For C-500-B

Step #9:

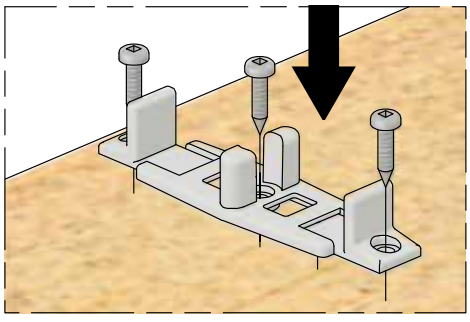
Position C-200D-138 Bypass Guide per typical installation location details and secure to floor with two (2) #10 x 1-1/4" Pan Head Screws [FT4].

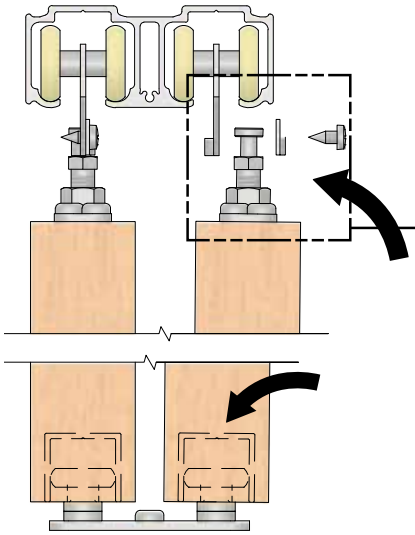


For C-500

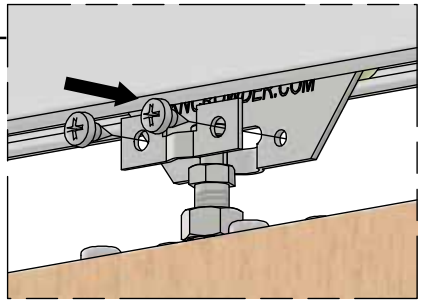
Step #9:

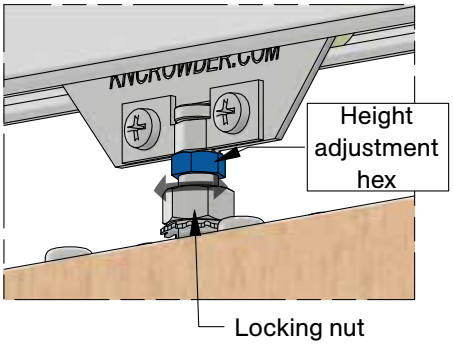
Position C-1205 Nylon Guide Set per typical installation location details and secure to floor with (3) #8 x 3/4" Pan Head Screws [FT2].



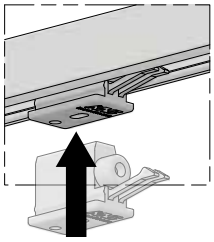


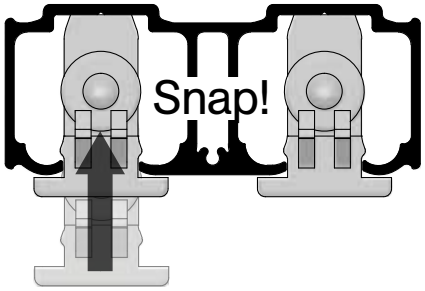
Step #10:
Raise door, position over guide and under C-400 Hanger Bodies in track. Lift door up and engage hanger bolt on door with slot on C-400 Hanger Bodies. Loosely secure with clips and screws previously removed in **step #5A**. Adjust door height and plumb by using height adjustment hex on hanger bolt with 3/8 in wrench. Lock final height adjustment by tightening screws on clip to secure bolt and with 5/16-18 K-Lock Nuts [FT17] using 1/2 in wrench.



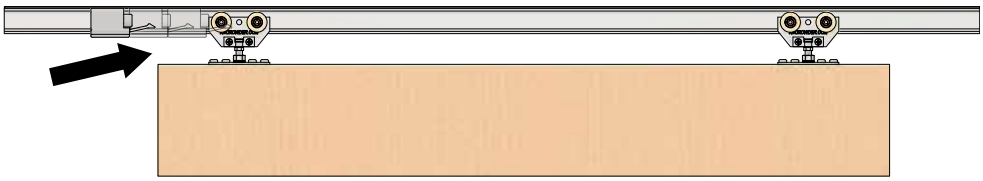


Step #11:
After doors have been installed, snap CDC-400 Catch/Stops into each end of track with bumpers facing towards center of track. Once snapped into track, CDC-400 Catch/Stops should be free to slide within track.



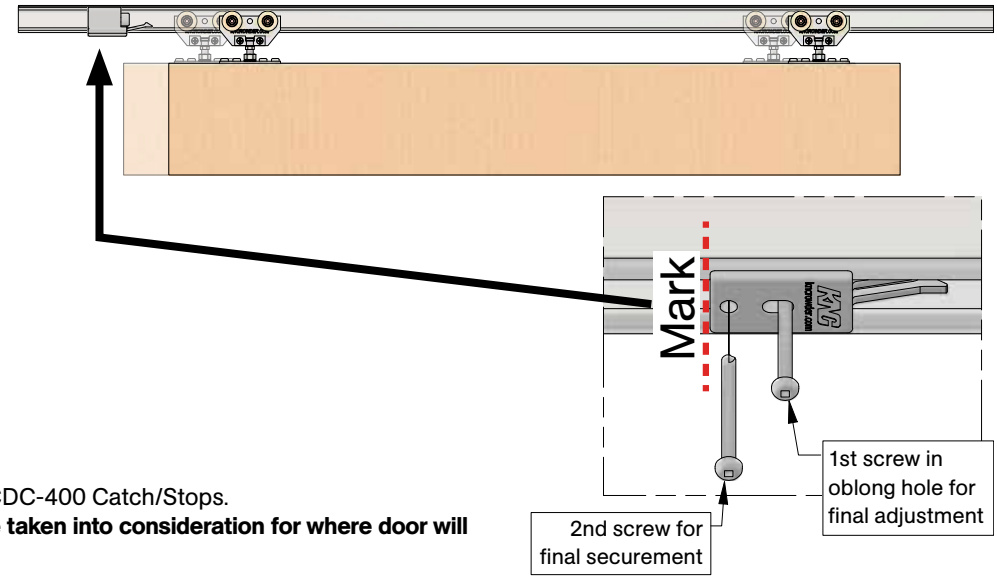


Step #12:
Position door approximately 5-10 in [127-254 mm] away from final position at one end, shown right with left side. Push loose CDC-400 Catch/Stop against hanger and engage it with hanger, bumper should be against hanger body.



Step #13:
With CDC-400 Catch/Stop loose, slide door to final/desired position of door.
Note: Ensure that strike and trim thickness are taken into consideration for final/desired position of door.

Step #14:
Once final position is achieved, mark outside edge of CDC-400 Catch/Stop as shown right, disengage CDC-400 Catch/Stop from hanger and slide door back. Position CDC-400 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-400 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.

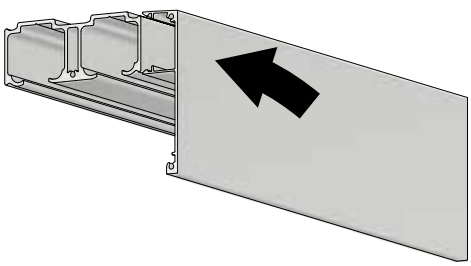


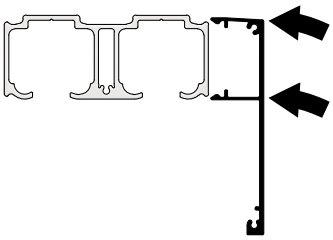
Step #15:
Repeat **steps #12 - 14** for opposite and other CDC-400 Catch/Stops.
Note: Ensure that strike and trim thickness are taken into consideration for where door will be in final position.

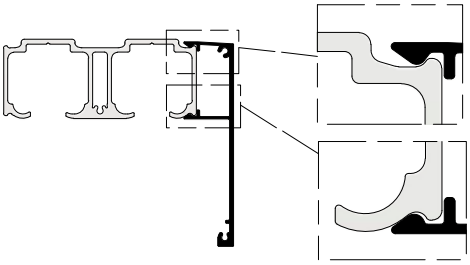
Optional C-519 Fascia Installation

Step #F1:
Cut C-519 Fascia to correct length as required. Typically, fascia is same length as track previously installed.

Step #F2:
Lift fascia up to track and snap on as shown.
Note: If fascia is loose and a tighter fit is desired, use a rubber mallet on inside leg of fascia to reduce gap at +/-24 in [610 mm] intervals.







Top Plate Template