

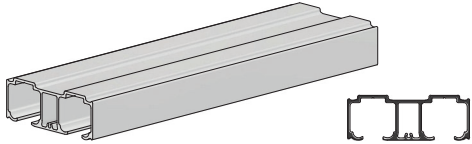
C-500

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 3/4 in [44.5 mm] doors
- For up to 125 lbs. [57 kg] doors
- Optional snap-on fascia (C-519)

Parts List

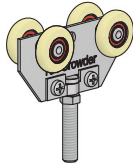


C-500 Top Mount Double (Bypass)

Track x length (1)

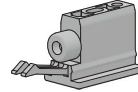
Length = 2 x door width, example:

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



C-400 Hanger Bodies (4)

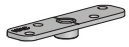
c/w wheels and stud



CDC-400 Catch/Stops (4)



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



C-400 Top Plates (4)



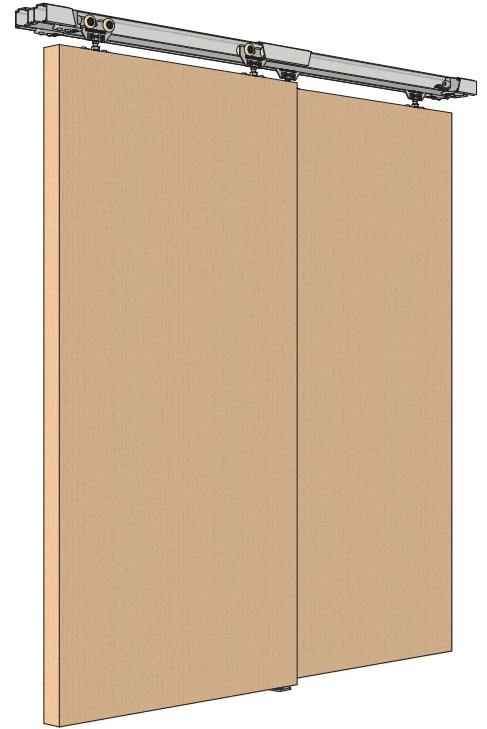
#10 x 1-1/4" Pan Head Screws (16)
[FT4]



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

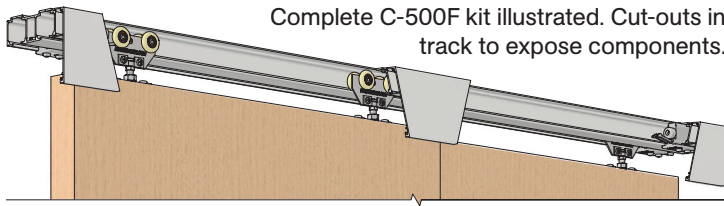


#8 x 3/4" Pan Head Screws (16)
[FT2]

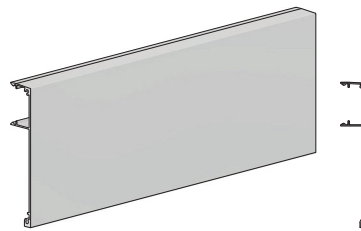


Complete C-500-W kit illustrated.
Cut-outs in track to expose components.

Optional Add-on Products



Complete C-500F kit illustrated. Cut-outs in track to expose components.

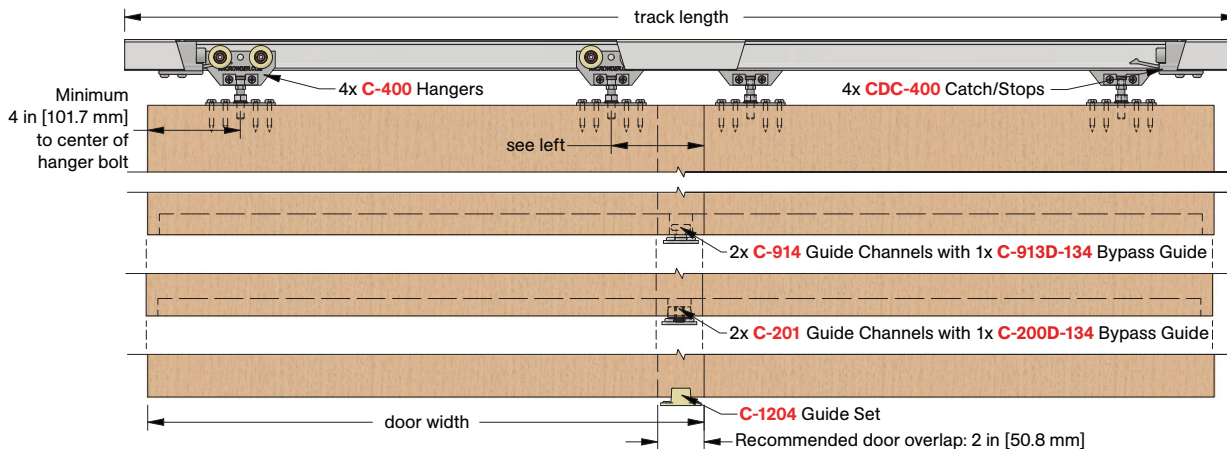


C-519 Snap-on Fascia x length (1)

Length = same as track length, example:

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

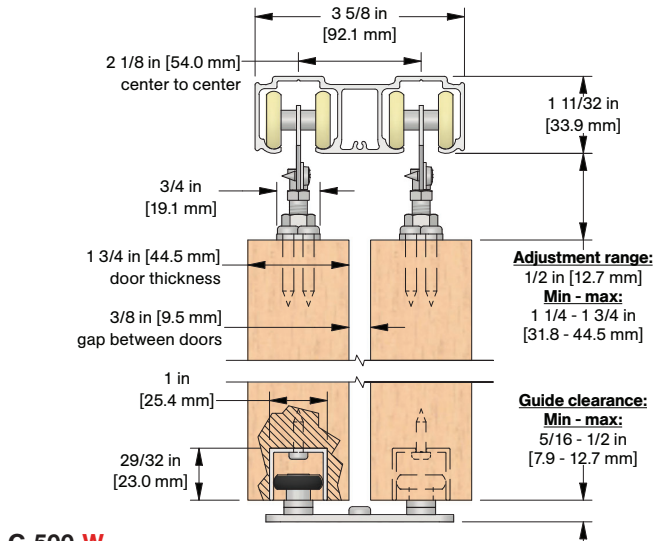
Elevation View



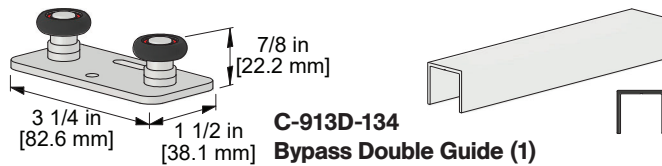
Product Details and Dimensions

Section View

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



C-500-W

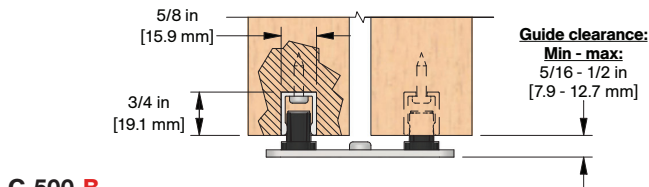


C-914 Guide Channels x length (2)

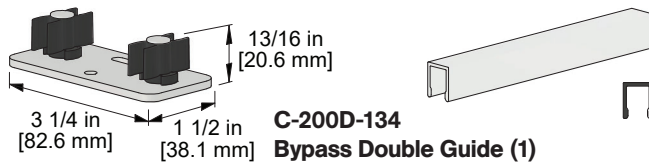
Length = door width, example:
36 in [914 mm] door = 36 in [914 mm]
guide channel less set-backs if desired

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

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



C-500-B

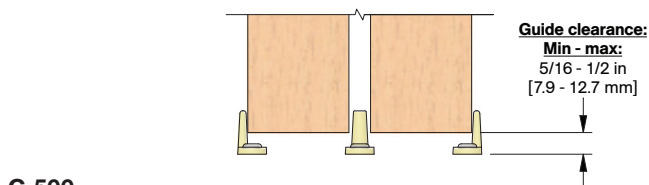


C-201 Guide Channels x length (2)

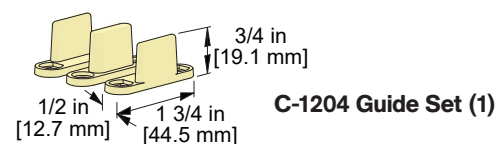
Length = door width, example:
36 in [914 mm] door = 36 in [914 mm]
guide channel less set-backs if desired

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

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



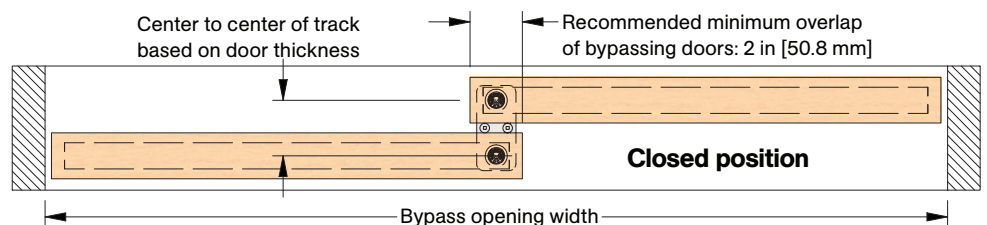
C-500



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

Typical installation location for floor guides

For bypassing applications



Installation Steps

Step #1:

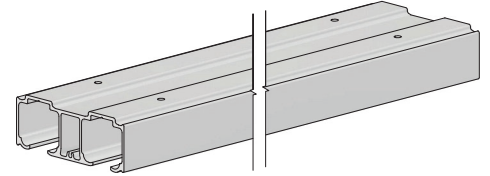
Determine door size, header height, track position, and bottom clearance based on kit code ordered by using dimensions shown in detail views on previous page.

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.

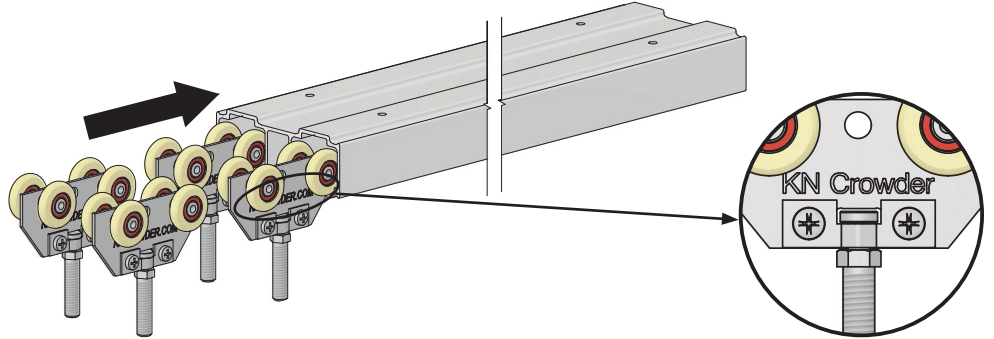
Note: Solid support is required and spacing is recommended to be between 12–16 in [300–400 mm] on center. Consult structural engineer to ensure adequate support and fastening.



Step #3:

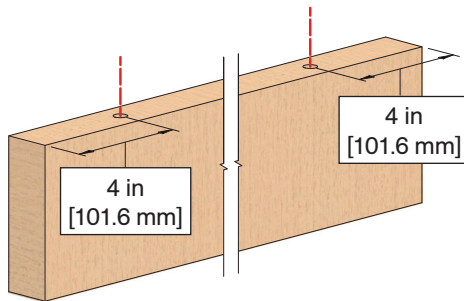
Slide four (4) C-400 Hanger Bodies with wheels into track as shown right.

Note: Ensure “kncrowder.com” text on hanger bodies both face same side as shown.



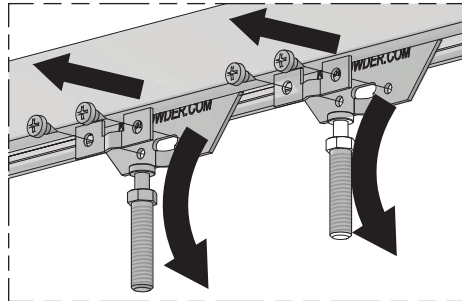
Step #4:

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.



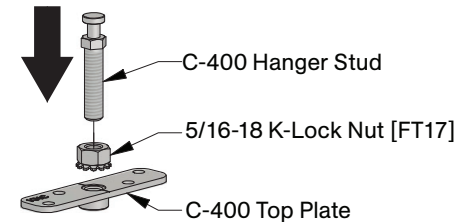
Step #5A:

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



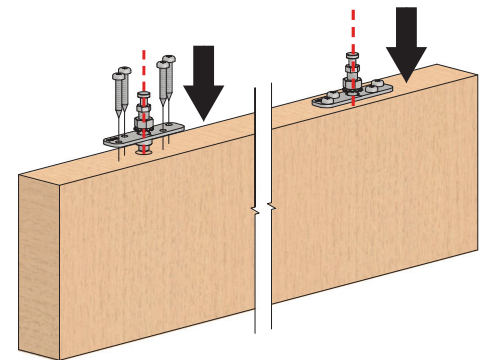
Step #5B:

Assemble C-400 Top Plate assemblies as shown, two (2) assemblies required.

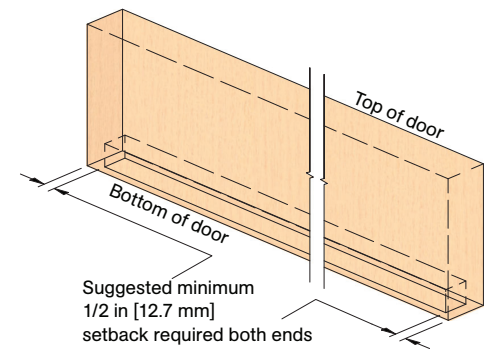


Step #6:

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 four (4) #10 x 1-1/4" Pan Head Screws [FT4] 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-500

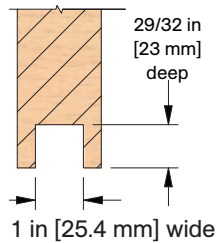
Steps #7 and 8:

No guide channel prep or installation required.

For C-500-W

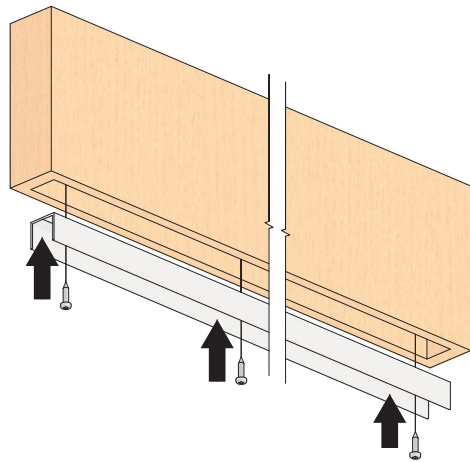
Step #7:

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.



Step #8:

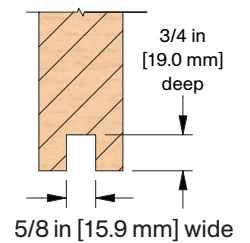
Cut C-914 aluminum guide channel to length of slot routed in **step #7**. Drill holes in C-914 Guide Channel and pre-drill holes in doors. Locate C-914 Guide Channel in slot and secure channel into place with four (4) #8 x 3/4" Pan Head Screws [FT2].



For C-500-B

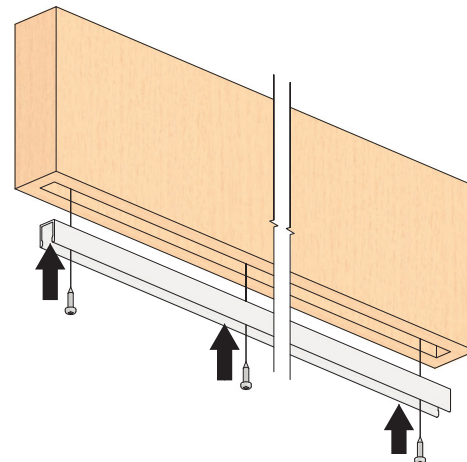
Step #7:

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.



Step #8:

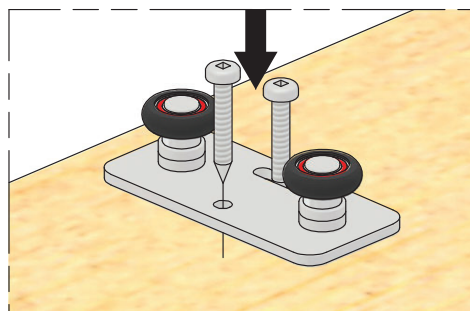
Cut C-201 aluminum guide channel to length of slot routed in **step #7**. Drill holes in C-201 Guide Channel and pre-drill holes in doors. Locate C-201 Guide Channel in slot and secure channel into place with four (4) #8 x 3/4" Pan Head Screws [FT2].



For C-500-W

Step #9:

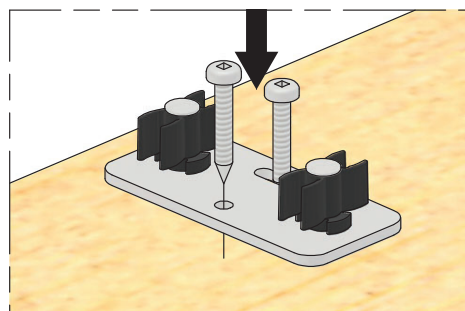
Position C-913D-134 Bypass Guide per typical installation location details and secure to floor with two (2) #10 x 1-1/4" Pan Head Screws [FT4].



For C-500-B

Step #9:

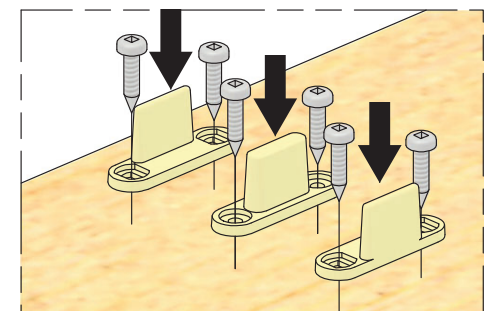
Position C-200D-134 Bypass Guide per typical installation location details and secure to floor with two (2) #10 x 1-1/4" Pan Head Screws [FT4].

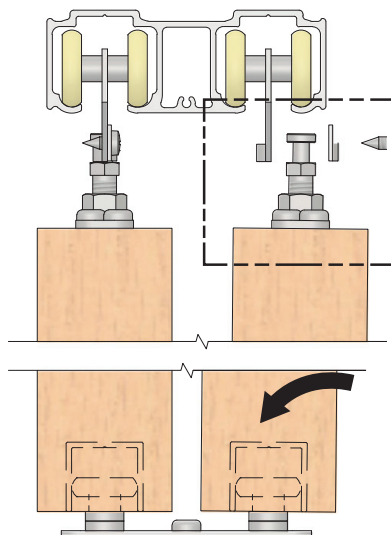


For C-500

Step #9:

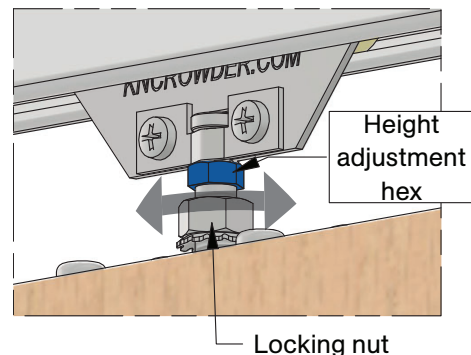
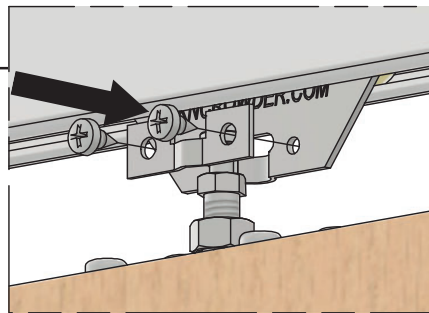
Position C-1204 Nylon Guide Set per typical installation location details and secure to floor with six (6) #8 x 3/4" Pan Head Screws [FT2].





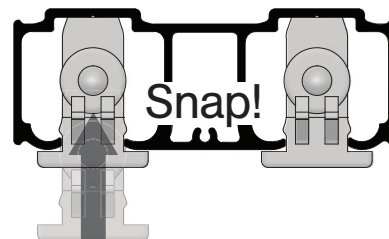
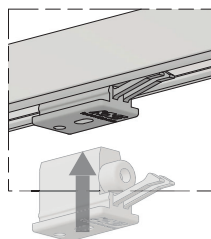
Step #10:

Raise 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.



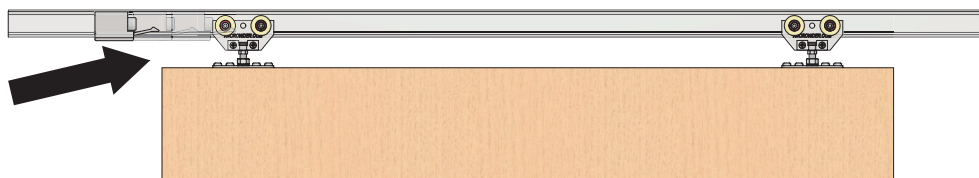
Step #11:

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:

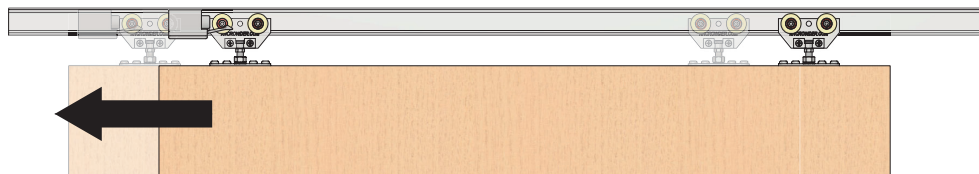
Position door approximately 5-10 in [127-254 mm] away from final position at one end, shown right with left side. Push loose CDC-400 Catch/Stop against hanger and engage it with hanger. Bumper should be against hanger body.



Step #13:

With CDC-400 Catch/Stop loose, slide door to final/desired position.

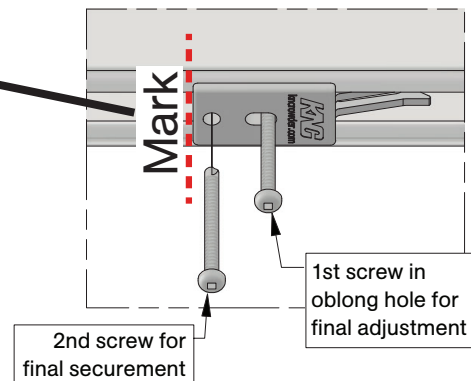
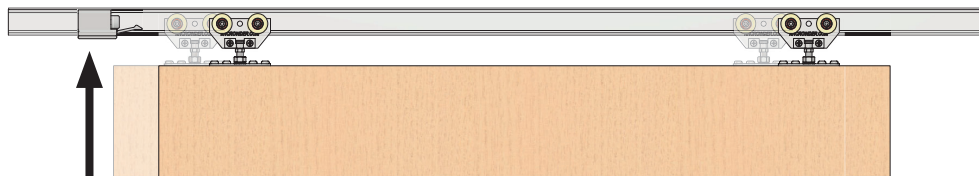
Note: Ensure that strike and any finishing trim thicknesses are taken into consideration for where door will be in final position.



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 any finishing trim thicknesses are taken into consideration for where door will be in final position.

Optional C-519 Fascia Installation

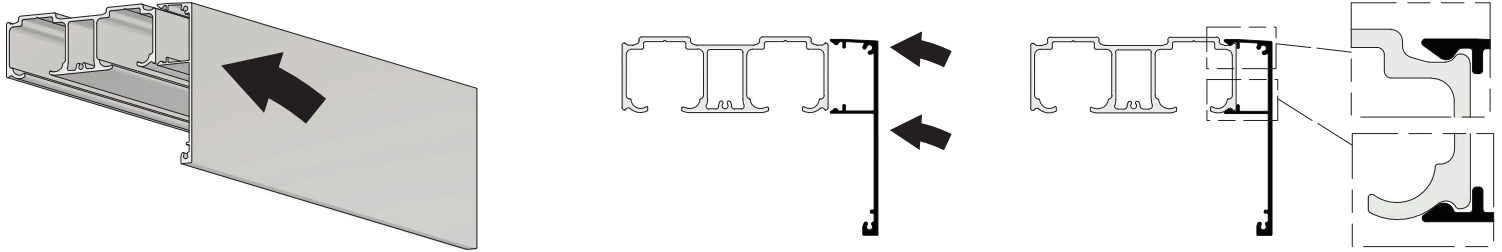
Step #F1:

Cut C-519 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

