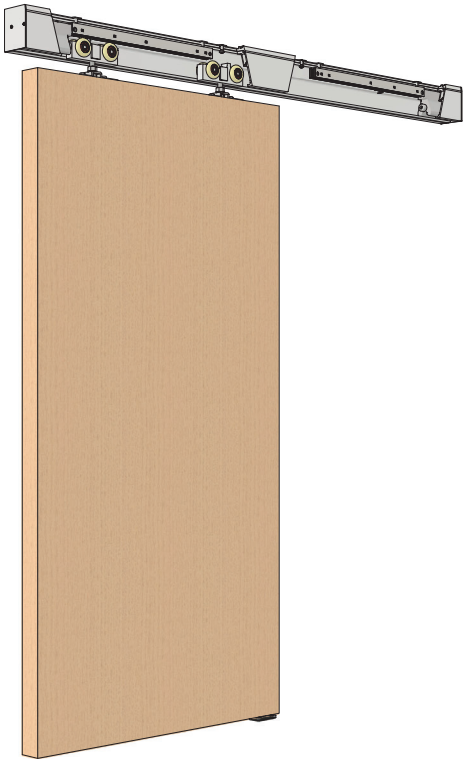
CCB-993
Installation Instructions

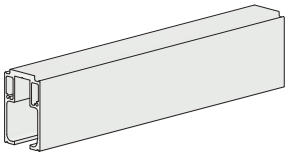
KNC
Catch 'N' Close

Easy Connect Catch 'N' Close System
- Prevents bouncing and slamming of sliding doors
- Can be installed on both opening and closing ends of doors as narrow as 18 in [457 mm]
- Cycle tested up to 150,000 times
- For up to 200 lbs. [91 kg] using CC-993 with CC-2



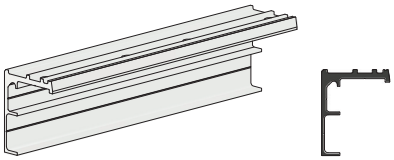
Complete CCB-993 kit illustrated. Cut-outs in track to expose components.

Parts List



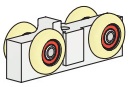
CC-904 Top Mount Track x length (1)
Length = 2x door width, example:
36 in [914 mm] door = 72 in [1829 mm] track

CC-921 End Cap (2)



CC-902 Side Mount Bracket x length (1)
Length = same as track length, example:
72 in [1829 mm] track = 72 in [1829 mm] bracket

Available in 4 lengths only:
72 in [1829 mm], 96 in [2438 mm], 120 in [3048 mm], and 144 in [3658 mm]. All lengths complete with punched oblong holes. See **Chart A**.

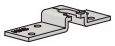


CC-938 Hanger Body (2)
c/w wheels

C-AR93 Adjustment Rod (1)

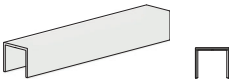
3/8-16 K-Lock Nut (2)
[FT21]

C-993 Easy Connect Stud (2)

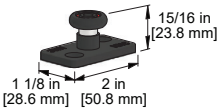


C-993 Top Plate (2)

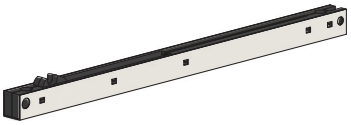
#10 x 1-1/4" Pan Head Screws (8)
[FT4]



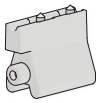
C-914 Guide Channel x length (1)
Length = door width, example:
36 in [914 mm] door = 36 in [914 mm] guide channel less set-backs if desired



C-913 Floor Guide (1)



Catch 'N' Close Device (2)
See details in instruction steps



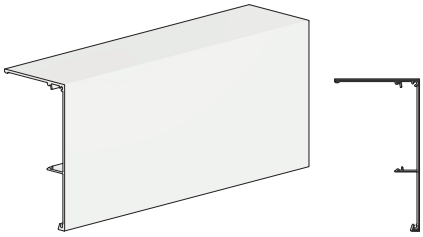
CC-101HD Catch 'N' Close In-Track Stops (2)

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

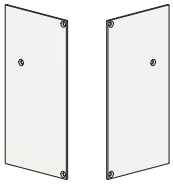
#10 x 1-1/2" Flat Head Screws (2)
[FT7]

#10 x 1-1/2" Self-Drilling Screws (4)
[FT5]

Optional Add-on Products



CC-920 Snap-on Fascia x length
Length = same as track length, example:
72 in [1829 mm] track = 72 in
[1829 mm] fascia



CC-922 End Caps (2)
Left and right

#4 x 5/16” Flat Head Screws for end caps
[FT29]

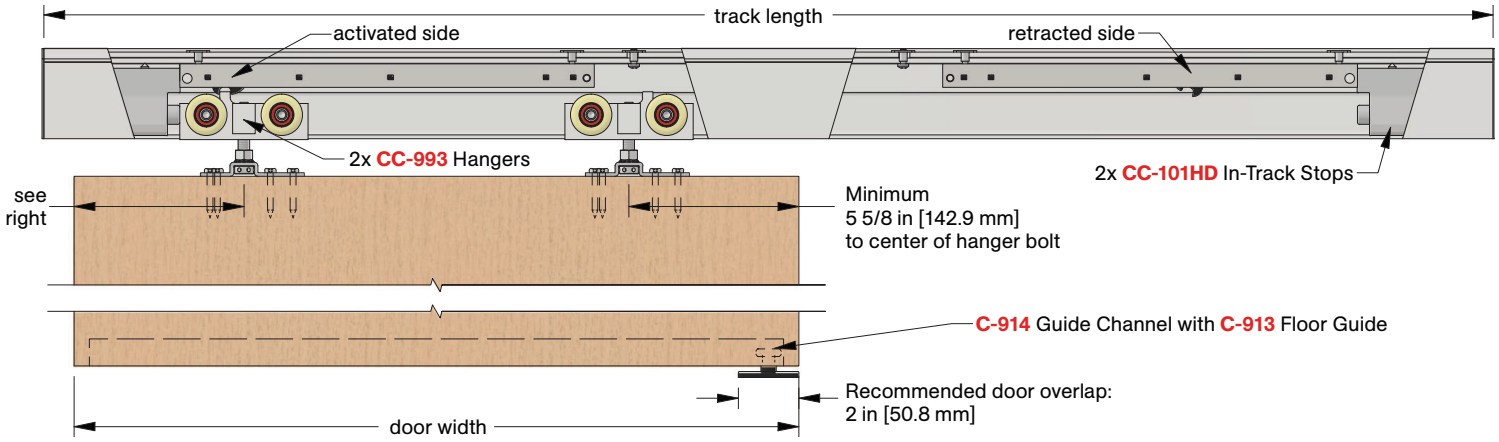
Chart A:
Tab Nuts and #10-24 Machine Screws Quantity

	For CC-2		For track	
	 **#10-24 Tab Nuts** [FT43]	 **#10-24 x 1” Pan Head Machine Screws** [FT45]	 **#10-24 Tab Nuts** [FT43]	 **#10-24 x 1/2” Pan Head Machine Screws** [FT44]
CC-902 length				
72 in [1829 mm]	4	4	6	6
84 in [2134 mm]	4	4	7	7
96 in [2438 mm]	4	4	8	8
120 in [3048 mm]	4	4	12	12
144 in [3658 mm]	4	4	14	14

Note: Hole spacing of punched oblong holes on CC-902 Brackets are as follows:
1/2 in [12.7 mm] from each end, 19 in [483 mm] to next hole from starting hole, then 11 in [279 mm] on center to the middle.
Spacing is repeated on opposite end to the middle of the CC-902 full length.

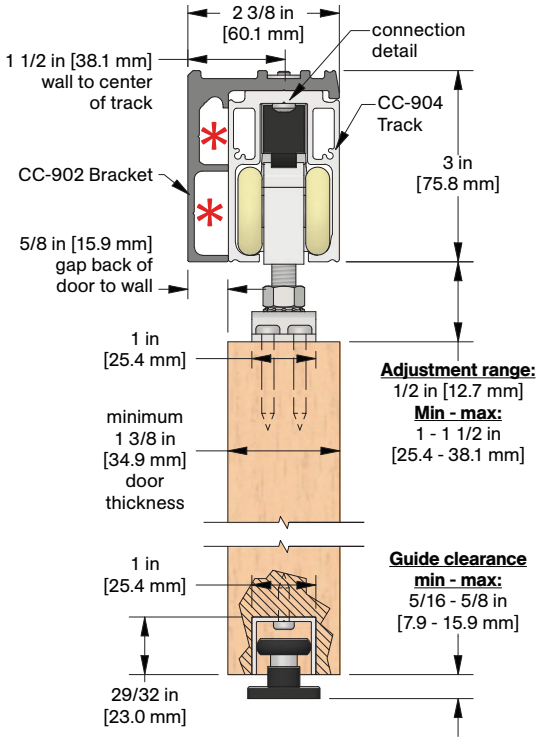
Product Details and Dimensions

Elevation View

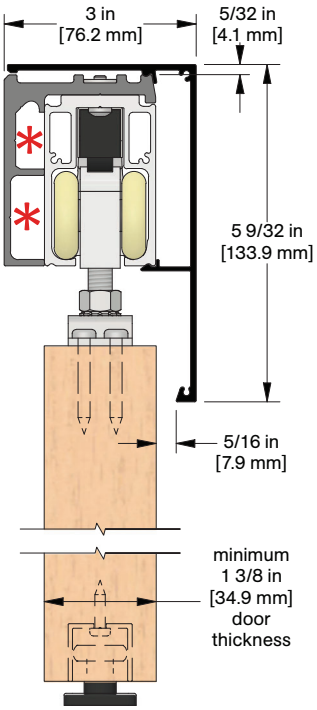


Section View

*** indicates mounting locations to wall support on CC-902 Continuous Side Mount Bracket**



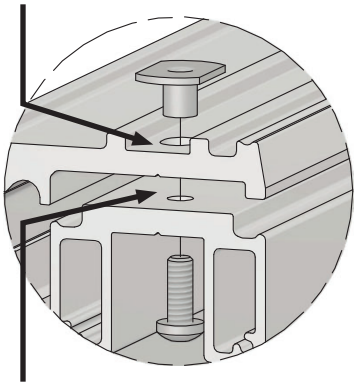
Optional CC-920 Snap-on Fascia, illustrated as solid black profile



Detail A

Fastening detail for track and side mount bracket

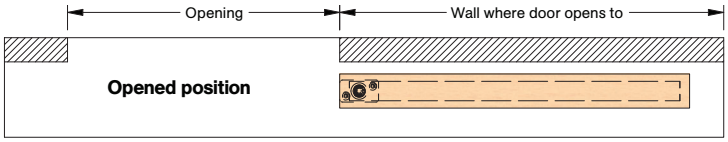
CC-902 Side Mount Brackets are supplied with oblong holes.

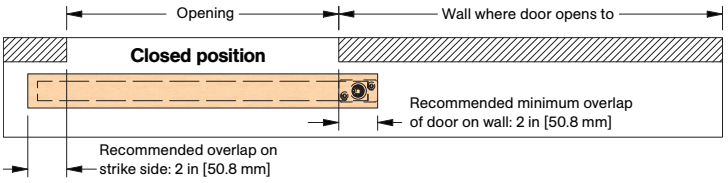


Holes in CC-904 Track by installer

Typical installation location for floor guides

For barn door applications

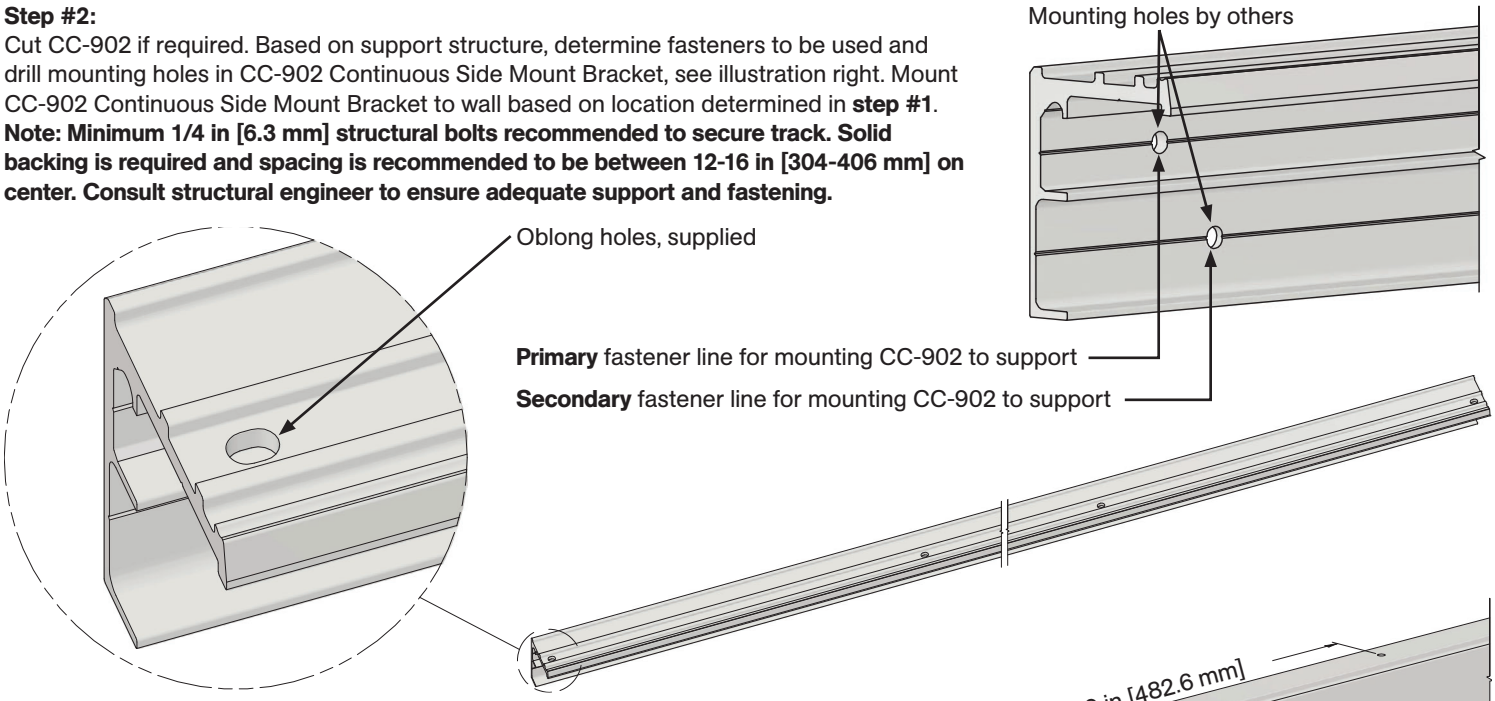




Installation Steps

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.

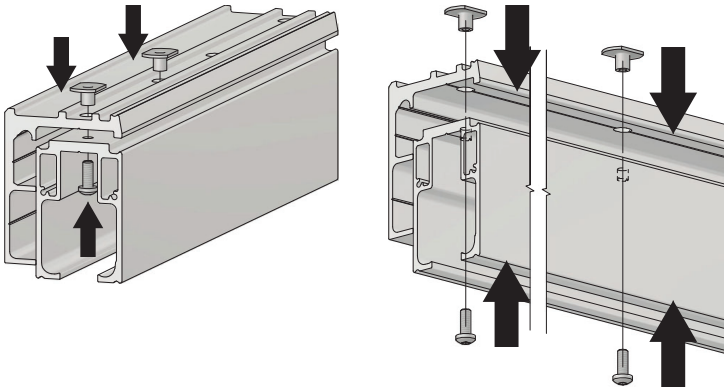
Step #2:
Cut CC-902 if required. Based on support structure, determine fasteners to be used and drill mounting holes in CC-902 Continuous Side Mount Bracket, see illustration right. Mount CC-902 Continuous Side Mount Bracket to wall based on location determined in **step #1**.
Note: Minimum 1/4 in [6.3 mm] structural bolts recommended to secure track. Solid backing is required and spacing is recommended to be between 12-16 in [304-406 mm] on center. Consult structural engineer to ensure adequate support and fastening.



Step #3:
Cut CC-904 aluminum track to size if required, typically 2 x door width. Measure hole spacing on CC-902 previously installed, locate and pre-drill Ø1/4 in [6.4 mm] clearance holes locate and pre-drill holes through center of track. These holes should match up with oblong holes on CC-902 Continuous Side Mount Bracket.

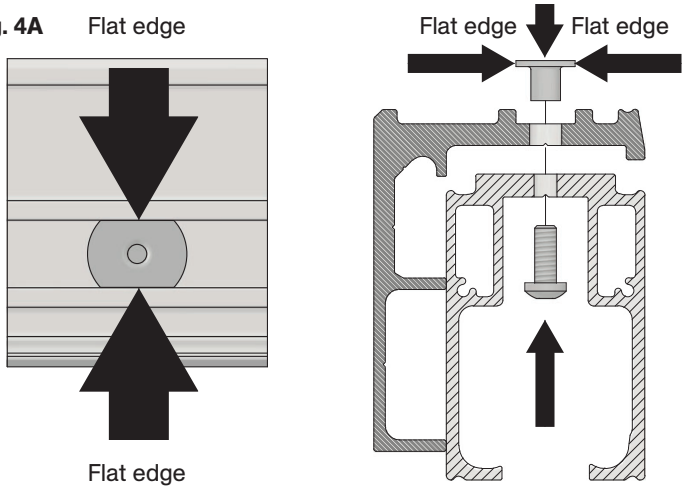
Step #4:
Note: If access to the ends of the track is not available, steps #5 and 6 must be completed before step #4.

Install tab nuts [FT43] from top side of CC-902 Continuous Side Mount Bracket into oblong holes. Ensure tab nut flat edges slide into "channel" on top of CC-902. See **Fig. 4A** below. This will prevent tab nut from turning when fastening.
Note: If top of CC-902 is not accessible, please insert tab nut prior to installation of the CC-902 to support. Recommendation: Allow at least 1 in [25.4 mm] clearance between top of CC-902 and any obstructions that may be present to provide access to tab nuts. Ensure CC-902 is fully secured before installing CC-904 track as support fasteners will not be accessible.



Using #10-24 x 1/2" Pan Head Machine Screws [FT44], secure CC-904 Track to CC-902 Continuous Side Mount Bracket by threading into previously installed tab nuts. See illustrations below. Ensure tab nut does not lift up and remains seated in "channel" at the top of the CC-902.

Fig. 4A



Step #5:
Assemble CC-993 Catch 'N' Close Hangers as shown below:
Fig. 1 Thread 3/8-16 K-Lock Nut [FT21] onto C-993 Easy Connect Stud with lock washer facing bolt head.
Fig. 2 Thread assembly from **Fig. 1** into CC-938 Hanger Body from underside, side opposite trigger, do not thread in fully.
Fig. 3 Completed CC-993 Hanger assembly, 2 x required.

Fig. 1

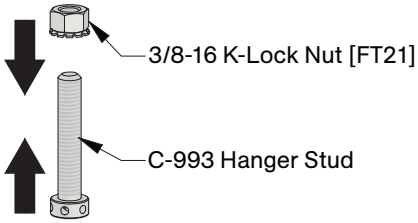


Fig. 2

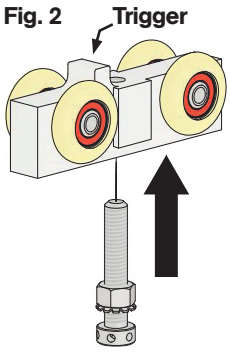
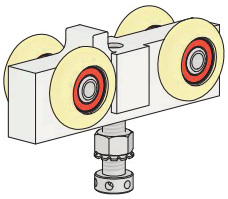


Fig. 3



Step #6:
Slide one (1) CC-993 Hanger assembly (✱) with trigger facing end of track and one (1) CC-101HD In-Track Stop (●) into each end of track, as shown below.
Note: Leave screws on CC-101HD In-Track Stops (●) loose to allow stops to slide freely within track. Rubber bumpers of each stop (●) should face inward, toward middle of track.

✱ CC-993 Hanger
● CC-101HD In-Track Stop

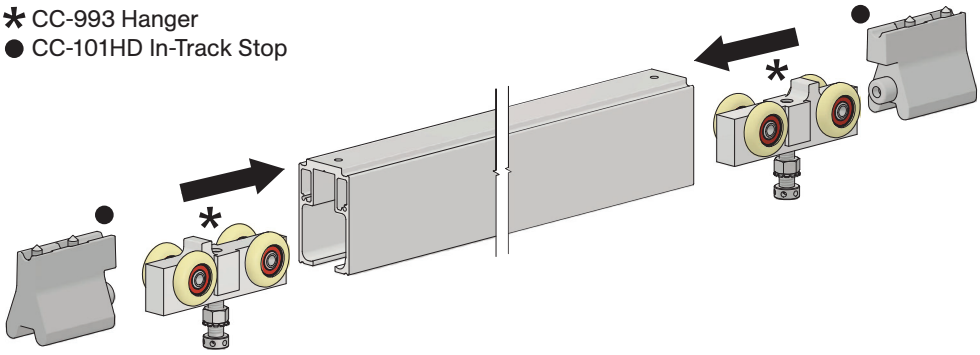
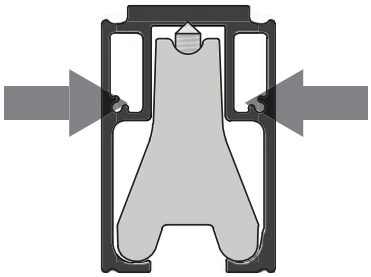
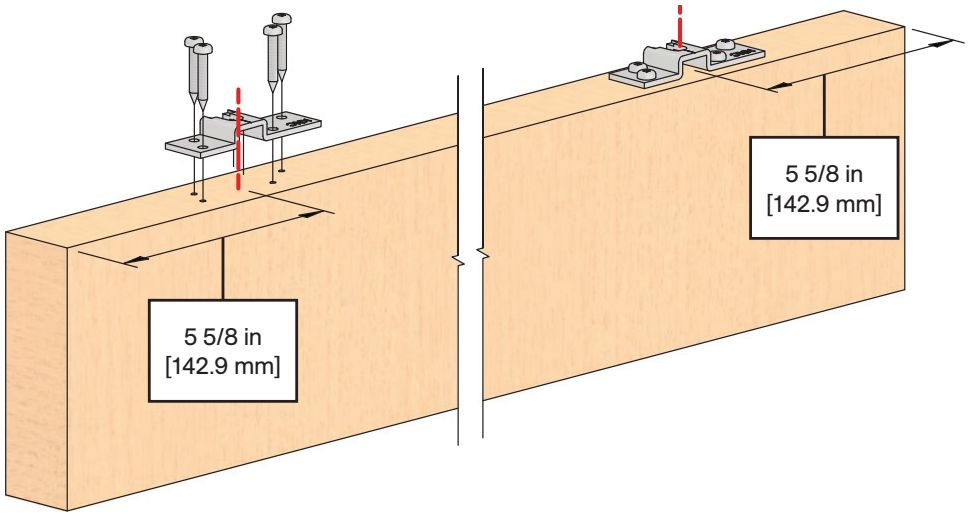


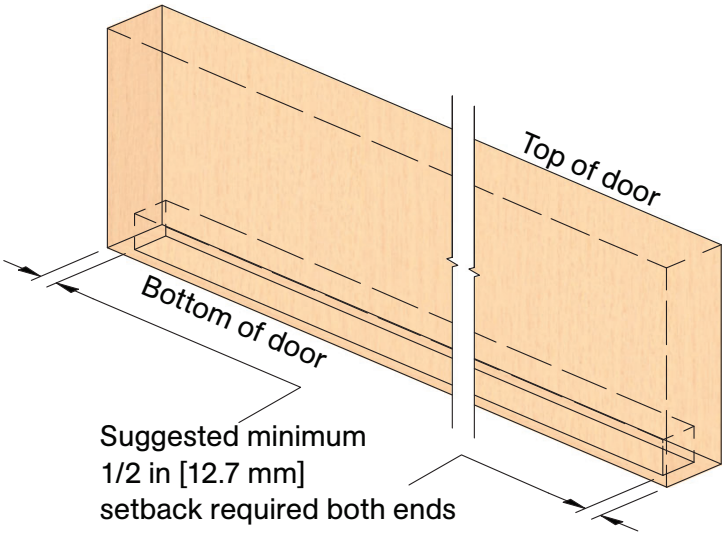
Illustration below shows correct positioning of stops in track



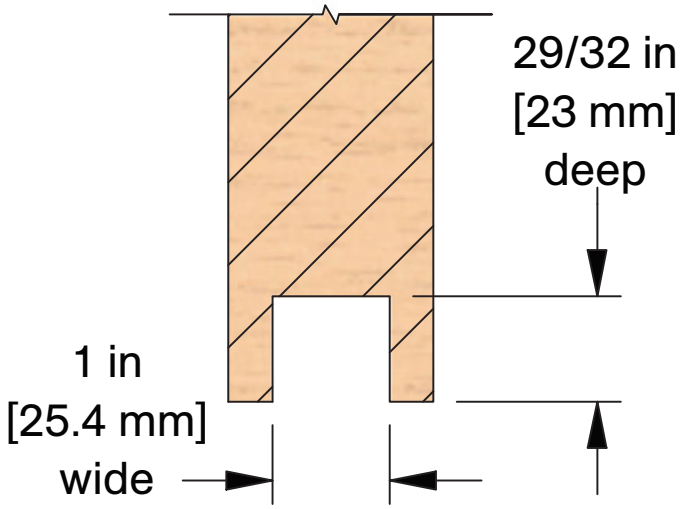
Step #7:
Locate center of 'U' slot, dash line shown below, of C-993 Top Plate at 5 5/8 in [142.9 mm] from each edge of door or see template for dimensions from edge of door to leading edge of top plates. Mark screw hole locations or use template on page 8 and pre-drill Ø1/8 in [3.2 mm] holes at least 1 1/2 in [38.1 mm] deep. Secure C-993 Top Plates with, four (4) per hanger, #10 x 1-1/4" Pan Head Screws [FT4].



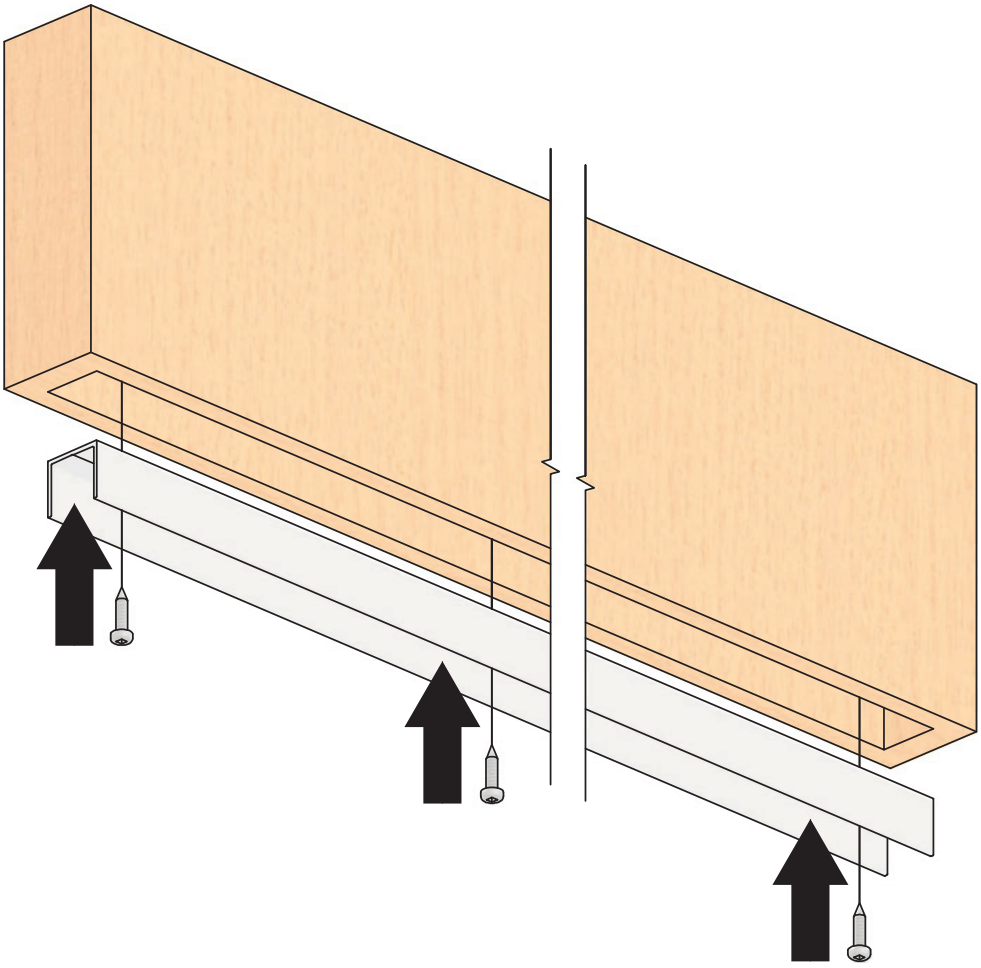
Note: If door has sufficient overlap, guide channel can be recessed into door without cutting a full-length slot in door. If guide channel will be fully recessed, it is recommended to have at least 1/2 in [12.7 mm] door material at each end of door before start of guide channel slot.



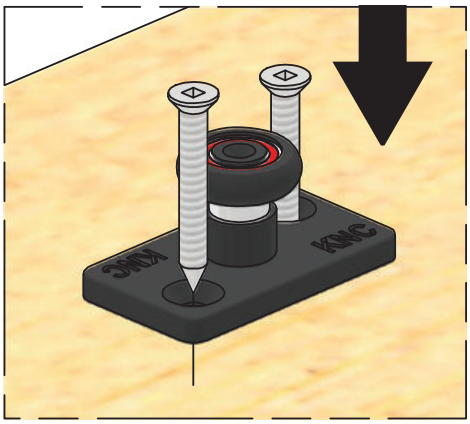
Step #8:
Prepare C-914 Guide Channel slot in bottom of door:
1 in [25.4 mm] wide in center of door, 29/32 in [23 mm] deep and set back 1/2 in [12.7 mm] from both edges of door. Make slot as accurate as possible for secure fit and neat appearance.



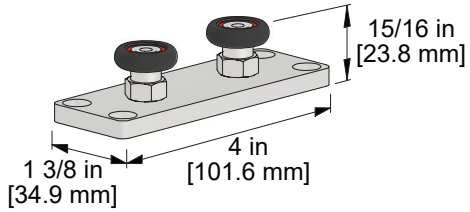
Step #9:
Cut C-914 aluminum guide channel to correct length as required. Drill holes in C-914 Guide Channel and pre-drill holes in door. Locate C-914 Guide Channel in slot and secure channel into place with four (4) #8 x 3/4" Pan Head Screws [FT2].

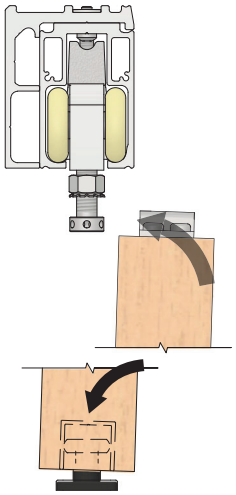


Step #10:
Position C-913 Guide per typical installation location details on page 2 and secure to floor with two (2) #10 x 1-1/2" Flat Head Screws [FT7].

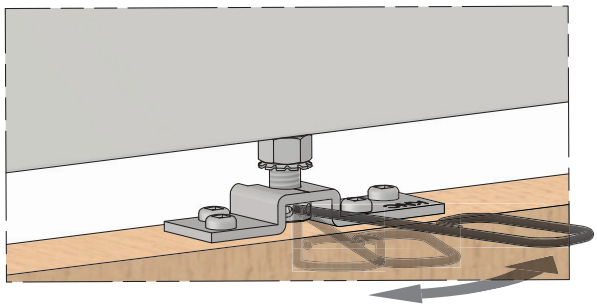


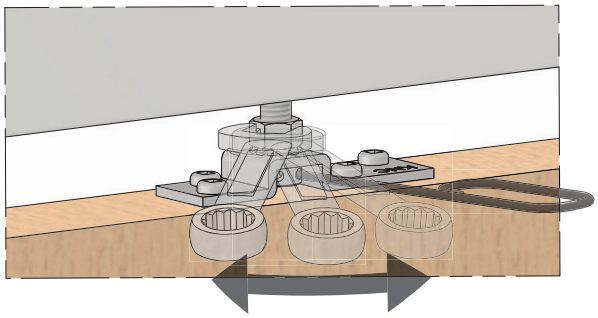
For 120 in [3048 mm] kits and up, C-913-2 Double Roller Floor Guide is supplied. Minimum 4 in [101.6 mm] overlap required.



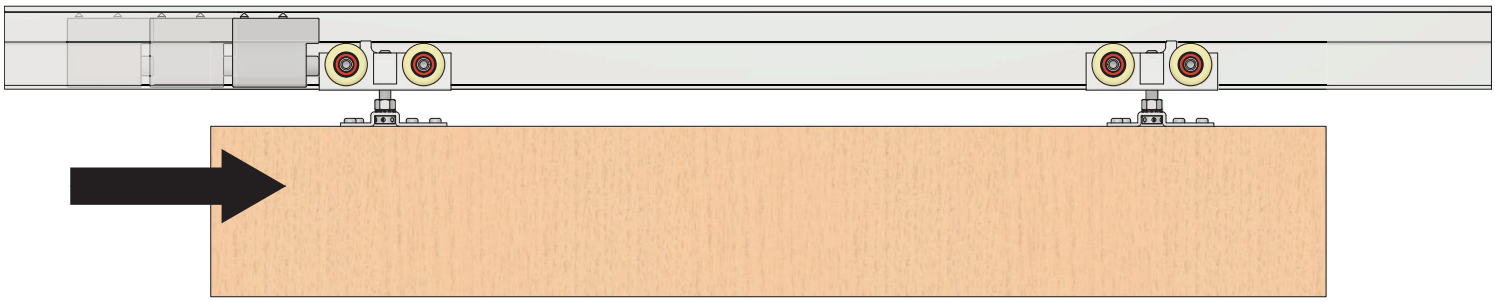


Step #11:
Raise door, position over guide, and under hangers in track. Lift door up and engage top plate 'U' slot with C-993 Easy Connect Stud. Adjust door height and plumb by using C-AR93 Adjustment Rod on C-993 Easy Connect Studs. Lock final height adjustment with k-lock nuts using 9/16 in [14.3 mm] wrench.

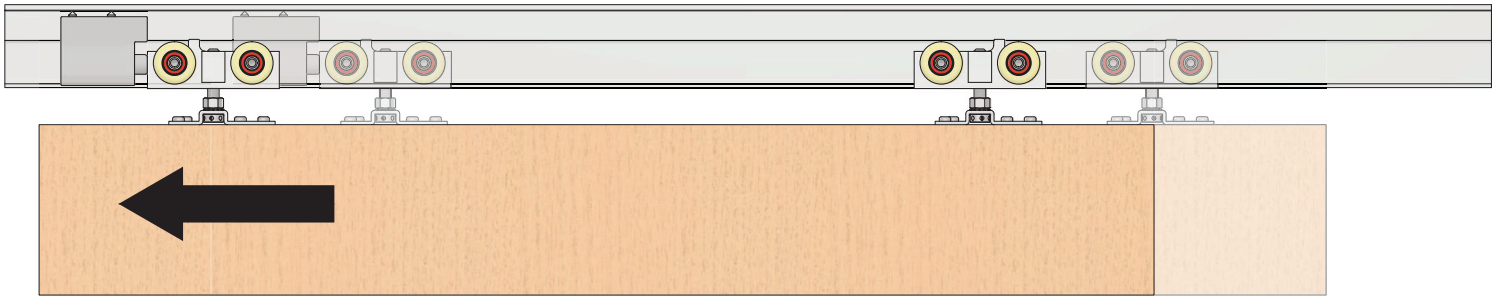




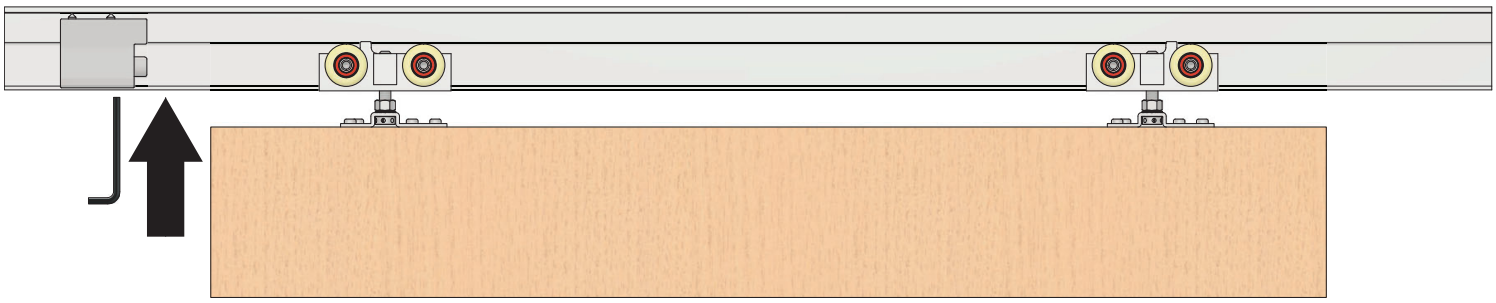
Step #12:
After door has been installed, position door approximately 5-10 in [127-254 mm] away from final position at one end, shown below on left side. Push loose CC-101HD Stop, installed in **step #6**, against hanger body.



Step #13:
With CC-101HD Stop loose, slide door to final/desired position.
Note: Ensure that door protrusion and any finishing trim thicknesses are taken into consideration for final/desired position of door.

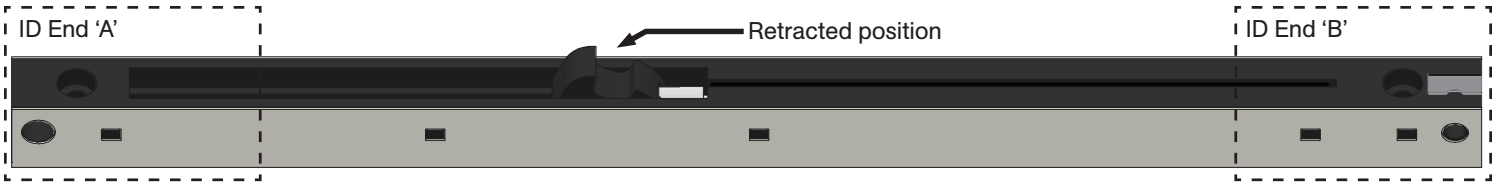


Step #14:
Once final position is achieved, slide door away from CC-101HD Stop. Lock CC-101HD Stop in position by tightening two (2) cap screws on CC-101HD Stop with 3/16 in [4.8 mm] Allen Key. CC-101HD is secured by friction fit with cone point screws.



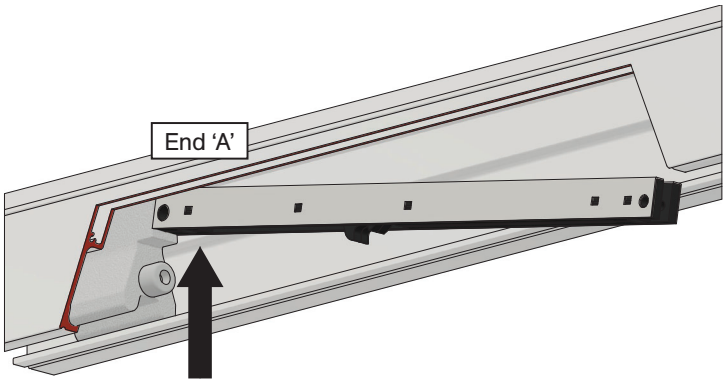
Step #15:
Repeat **steps #12 - 14** for opposite side.
Note: Ensure that door protrusion and any finishing trim thicknesses are taken into consideration for final/desired position of door.

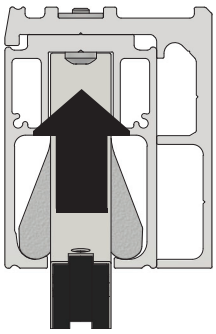
Step #16:
Before installing CC-2 Catch 'N' Close Devices, ensure they are in the retracted position as shown below. If they are not in the correct position, slide the hook downward until it locks into place.
Note: Requires significant finger pressure.



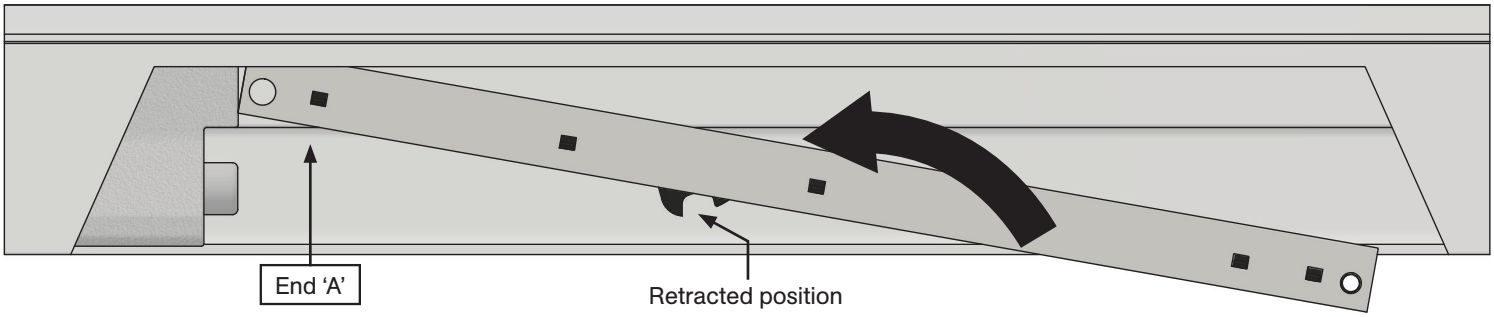
Important Catch 'N' Close Device Notes:
If doors are 200 lbs. [91 kg] or less, ensure CC-2 Catch 'N' Close Devices are used.

Step #17:
Place Catch 'N' Close Devices into track with leading end 'A' resting against upper body on CC-101HD Stops installed previously. See illustrations below:

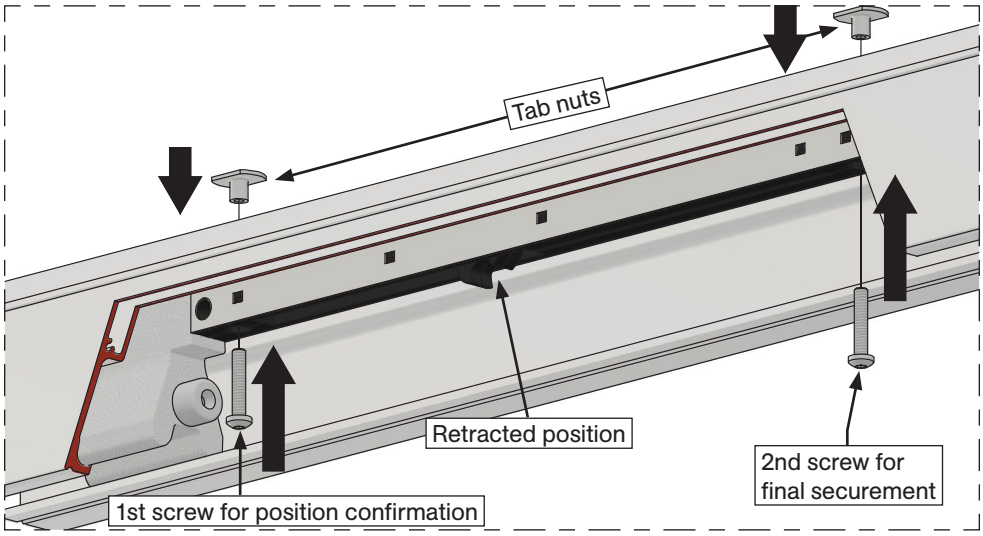


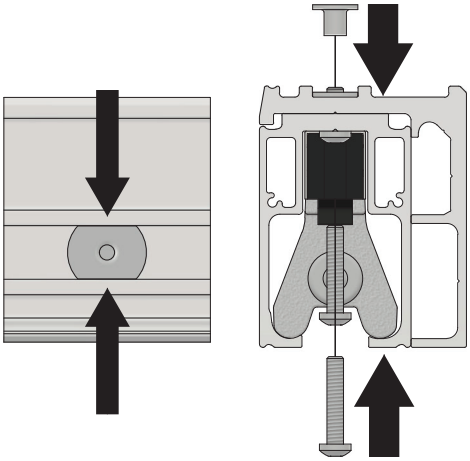


End view

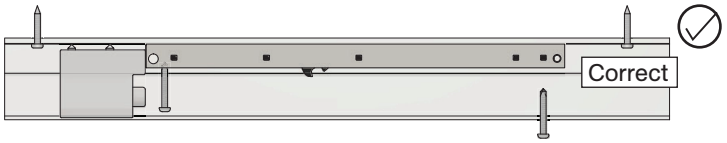


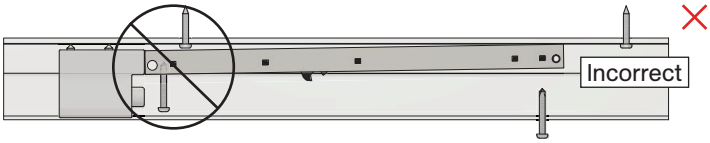
Step #18:
Locate and secure Catch 'N' Close Devices to track with two (2) #10-24 Tab Nuts [FT43] and (2) #10-24 x 1" Pan Head Screws [FT45]. Pre-drill track and header bracket with Ø1/4 in [6.4 mm] drill bit. Repeat for opposite end with Catch 'N' Close Devices installed in reverse as shown on front page in Elevation View illustration.
Note: Do not overtighten screws. Secure first screw closest to CC-101HD Stop only and test system by sliding door to activate Catch 'N' Close. If in correct position, secure with second screw. Remove any drill fillings from inside track.





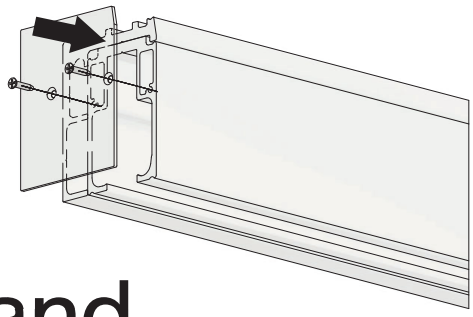
Note: Ensure area of track where Catch 'N' Close Device will be installed is free of fasteners. Securing Catch 'N' Close Device on top of a fastener may lead to operation issues or damage to the system.





Step #19:
Test complete Catch 'N' Close system by sliding door to both left and right to activate closing devices.

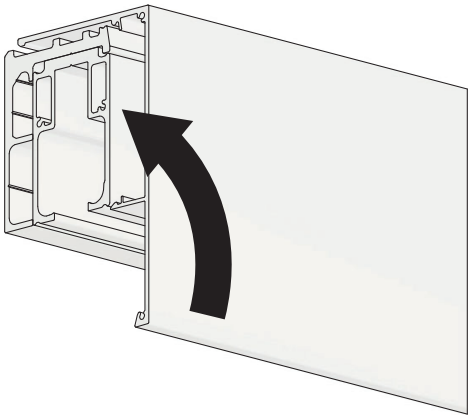
Step #20: Supplied CC-921 End Cap installation
Install CC-921 End Caps as shown right with supplied #4 x 5/16" Flat Head Screws [FT29], two (2) screws per end cap provided.
Note: Do not install with impact driver.

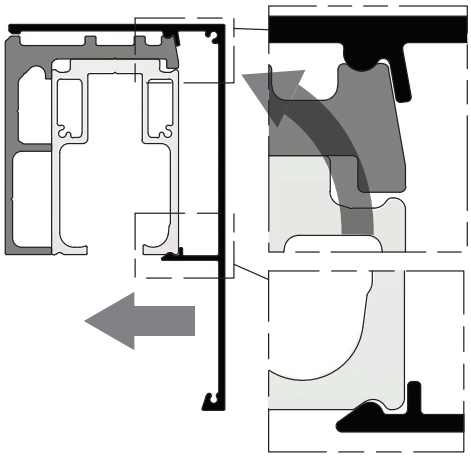


Optional CC-920 Fascia and CC-922 End Cap Installation

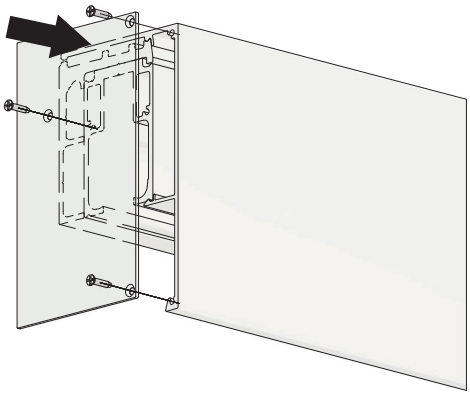
Step #F1:
Cut CC-920 Fascia to match track length.

Step #F2:
Lift fascia up to track and snap on as shown below.
Note: If fascia is loose, use a rubber mallet on inside leg at 24 in [610 mm] intervals to tighten fit.





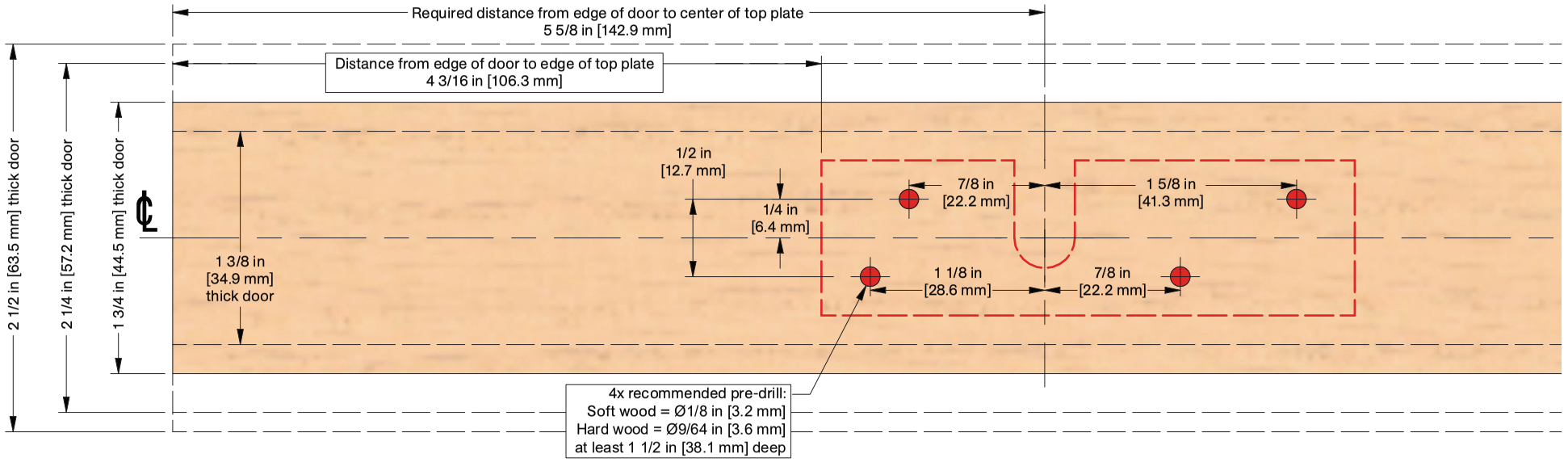
Step #F3:
Install CC-922 End Cap as shown with supplied #4 x 5/16" Flat Head Screws [FT29], three (3) screws per end cap provided.
Note: Do not install with impact driver.



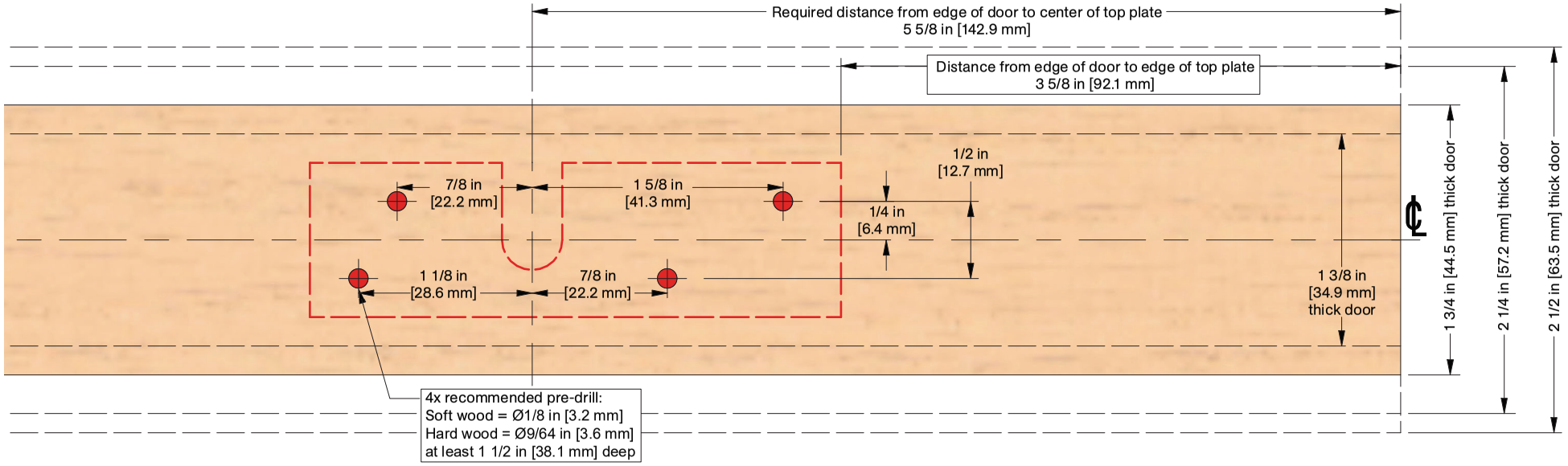
Troubleshooting

Issue	Solution
Chatter/noise when door is sliding	Ensure there are no aluminum shavings within track. Shavings can become embedded in nylon tires and cause noise during operation.
Door is hard to move	Ensure guide channel secured to bottom of door is not over-tightened as this could cause sides of guide channel to pinch guide. Remove door and check guide channel by rolling guide roller in channel to ensure smooth travel. There should be little to no resistance. Ensure door is not dragging on bottom of floor/guides and adjust height of door as required.
Door rattles	Ensure locking nuts and screws on hangers are secured and not loose.
Door is not engaging closing device	Ensure hangers are correctly oriented. See **steps #5 - 6**. Ensure Catch 'N' Close devices are in correct retracted or extended position prior to sliding door closed/open. See **step #20**.
Replacing the Catch 'N' Close Device	The Catch 'N' Close track and hardware system is designed for easy installation. If a closing device fails, remove the two screws holding it in place and replace the device with a new one.

Top Plate Location Template



Top Plate Location Template



KN Crowder
1220 Burloak Drive, Burlington, Ontario, Canada, L7L 6B3