

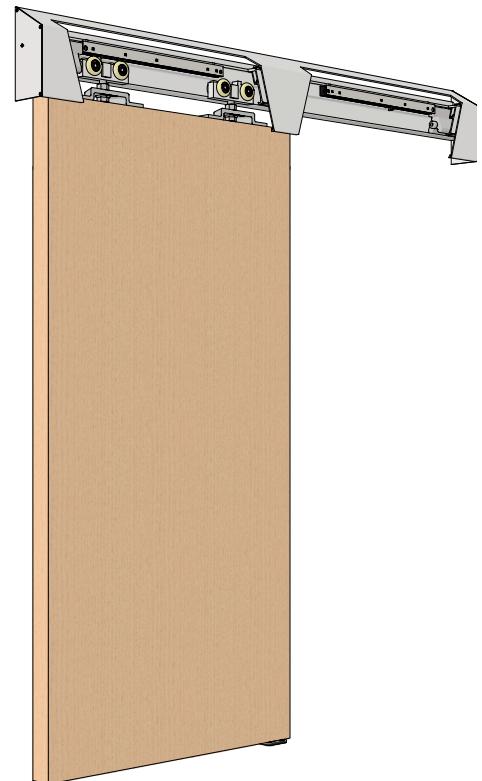
CCSF-998

Installation Instructions

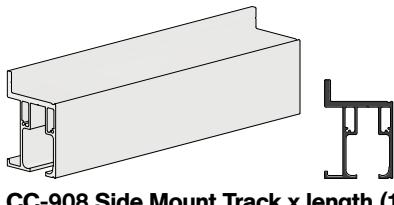
KNC
Catch 'N' Close

Heavy-duty 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 20 in [508 mm]
- Cycle tested up to 150,000 times
- For up to 300 lbs. [136 kg] using CC-998 with CC-3



Parts List



CC-908 Side Mount Track x length (1)

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



CC-912 Hanger Body (2)
c/w wheels



1/2-13 x 2-1/4" Hex Flange Bolt (2)
[FT34]



1/2-13 K-Lock Nut (2)
[FT33]



C-998 Top Plate (2)



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



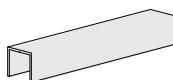
#12 x 2-1/4" Flat Head Screws (16)
[FT52]



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



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



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



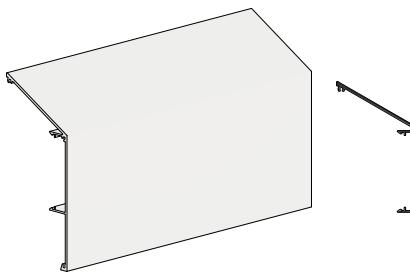
#8 x 3/4" Pan Head Screws (4)
[FT2]



C-913 Floor Guide (1)

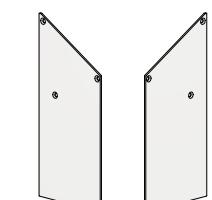


#10 x 1-1/2" Flat Head Screws (2)
[FT7]



CC-990 Snap-on Fascia x length (1)

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



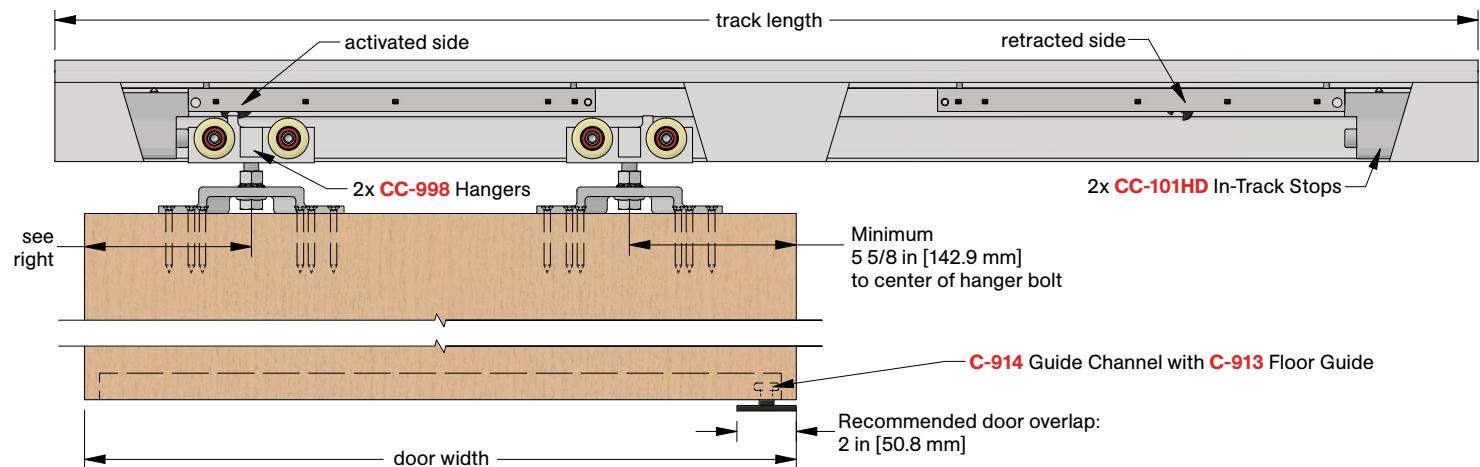
CC-991 End Caps (2)
Left and right



#4 x 5/16" Flat Head Screws (8)
[FT29]

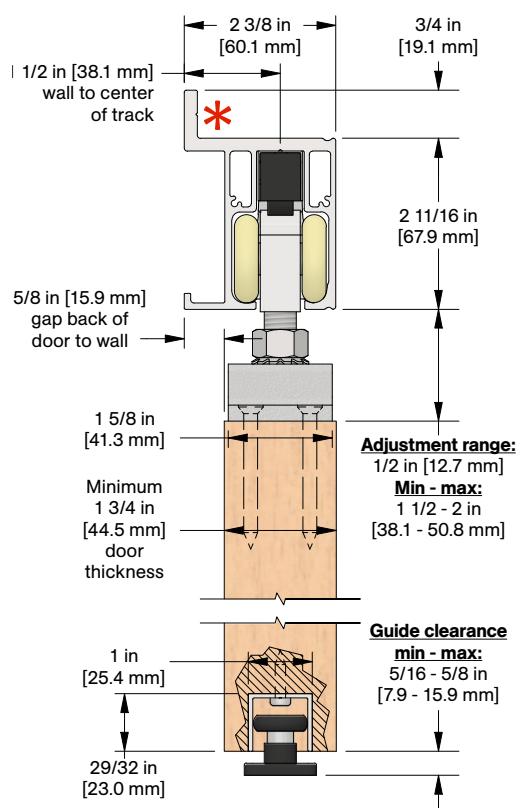
Product Details and Dimensions

Elevation View

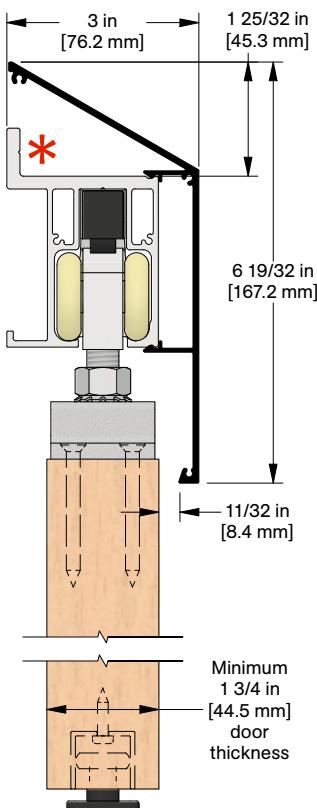


Section View

* indicates mounting flange on CC-908 Track

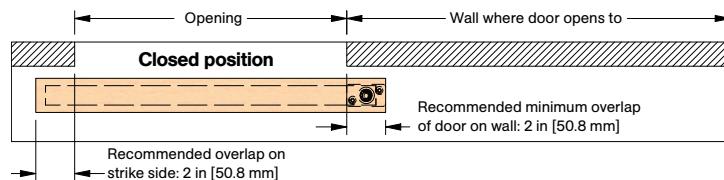
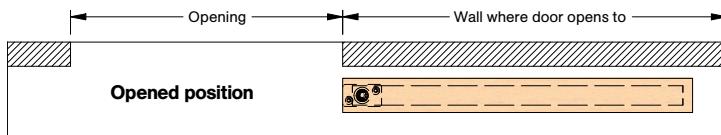


CC-990 Snap-on Fascia, illustrated as solid black profile



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.

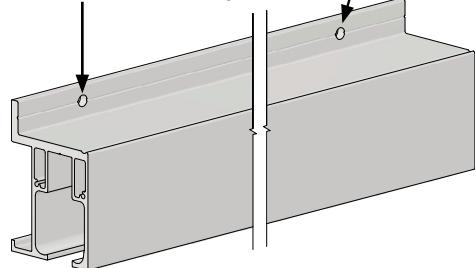
Step #2:

Note: If access to ends of track is not available, steps #3 and 4 must be completed before step #2.

Cut CC-908 aluminum track to size if required, typically 2x door width. Locate and pre-drill holes in mounting flange on track. Secure track to structural support/backing.

Note: Solid backing is required. Recommended to use 5/16 in [7.9 mm] diameter lag or structural bolts to secure track. Spacing is recommended to be between 12-16 in [304-406 mm] on center. Consult structural engineer to ensure adequate support and fastening.

Holes are not pre-drilled and must be marked and drilled by installer.



Step #3:

Assemble CC-998 Catch 'N' Close Hangers as shown right:

Fig. 1 Thread 1/2-13 K-Lock Nut [FT33] onto 1/2-13 Hex Head Flange Bolt [FT34] with lock washer facing bolt head.

Fig. 1

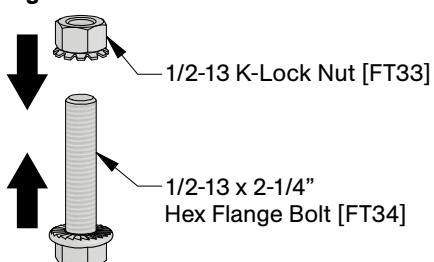


Fig. 2 Thread assembly from **Fig. 1** into CC-912 Hanger Body from underside, side opposite trigger, do not thread in fully.

Fig. 2

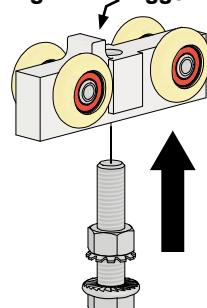
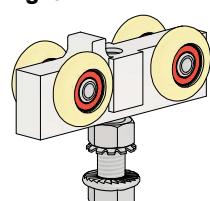


Fig. 3 Completed CC-998 Hanger assembly, 2 x required.

Fig. 3



Step #4:

Slide one (1) CC-998 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-998 Hanger

● CC-101HD In-Track Stops

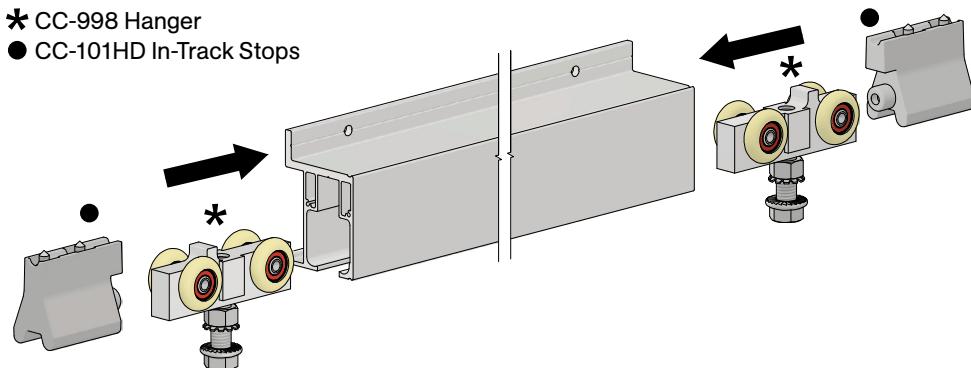
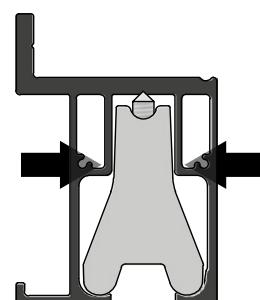
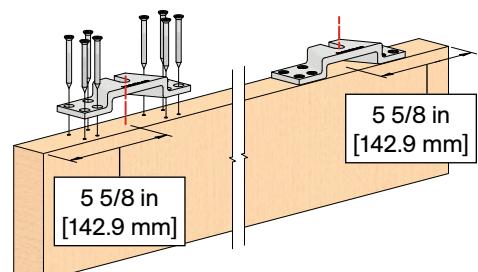


Illustration below shows correct positioning of stops in track

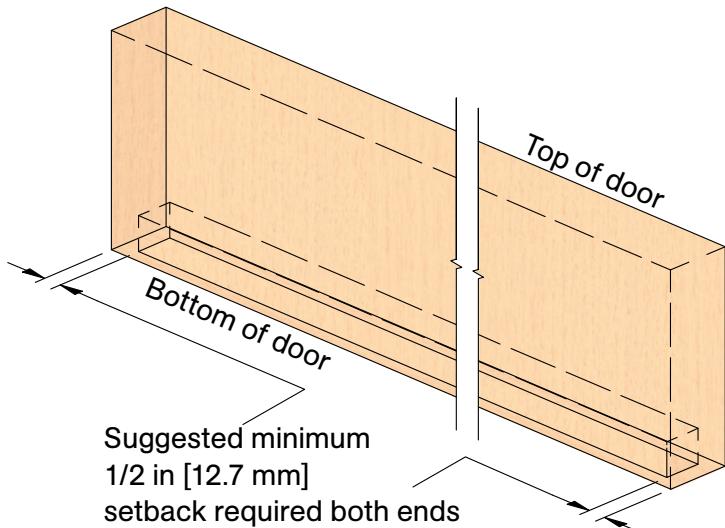


Step #5:

Locate center of 'U' slot, dash line shown right, of C-998 Top Plate at 5 5/8 in [142.9 mm] from each edge of door or 2 1/2 in [63.5 mm] from edge of door to leading edge of top plate. Mark screw hole locations or use template on page 8 and pre-drill Ø9/64 in [3.6 mm] holes at least 2 1/4 in [57.2 mm] deep. Secure C-998 Top Plates with eight (8) per hanger, #12 x 2-1/4" Flat Head Screws [FT52]. See right.

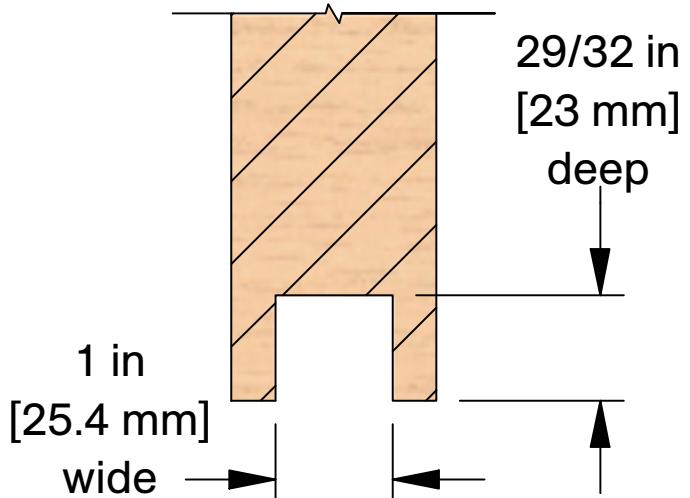


Note: If door has sufficient overlap, guide channel can be recessed into door without cutting a full-length slot in door. If guide channel will be fully recessed, it is recommended to have at least 1/2 in [12.7 mm] door material at each end of door before start of guide channel slot.



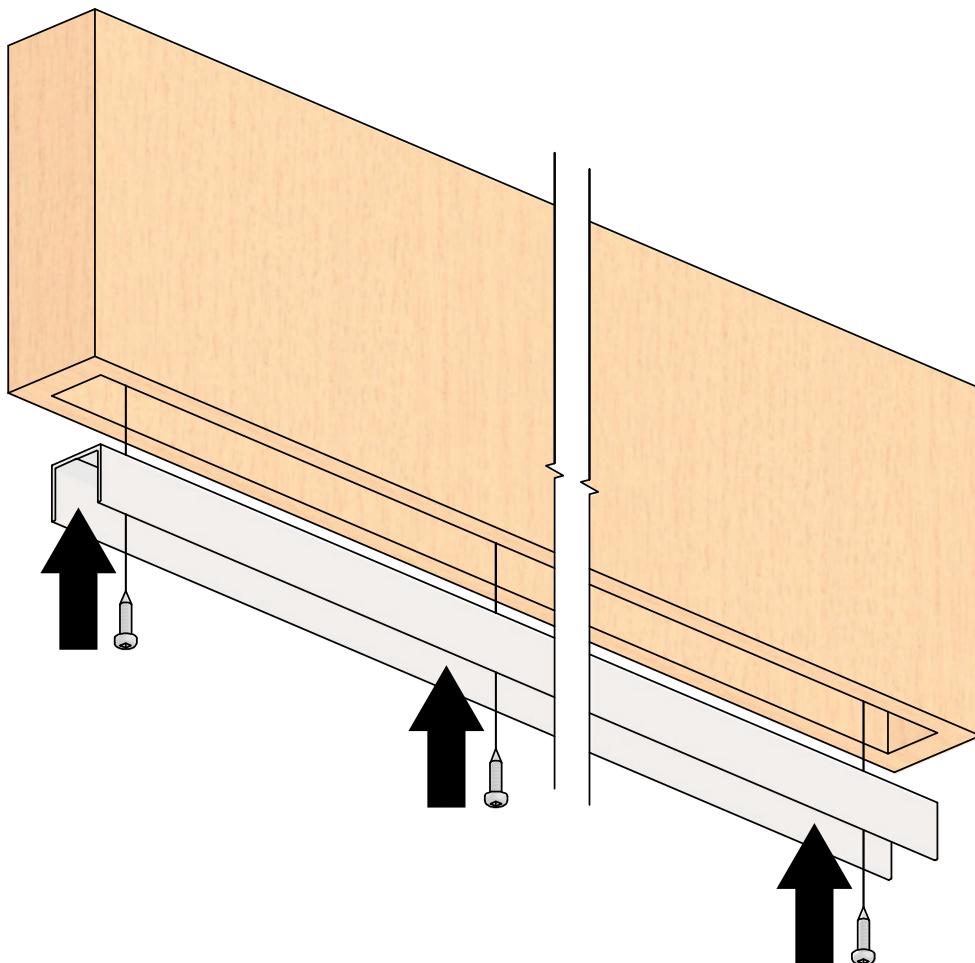
Step #6:

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.



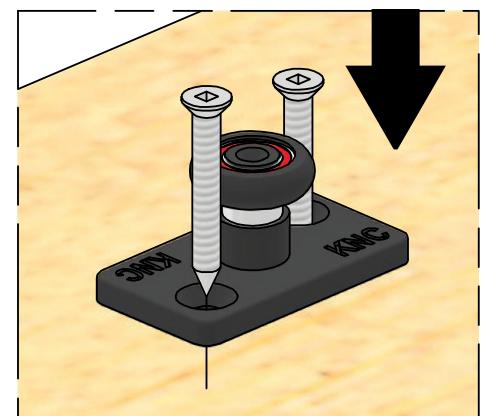
Step #7:

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].

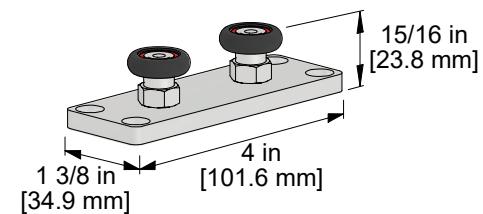


Step #8:

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].

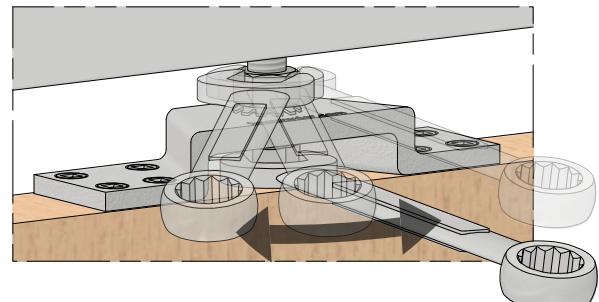
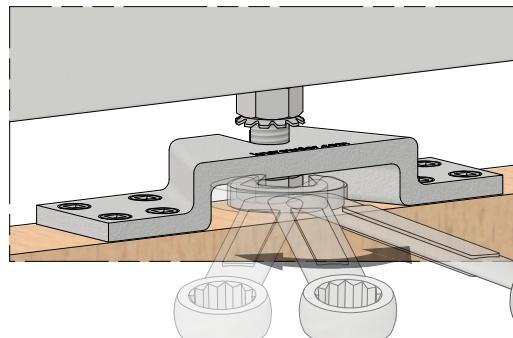
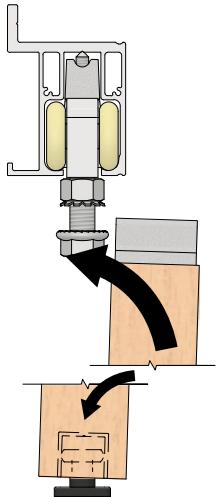


For 120 in [3048 mm] kits and up, C-913-2 Double Roller Floor Guide is supplied. Minimum 4 in [101.6 mm] overlap required.



Step #9:

Raise door, position over guide, and under hangers in track. Lift door up and engage top plate 'U' slot with 1/2-13 Hex Head Flange Bolt. Adjust door height and plumb by using 3/4 in [19 mm] wrench on hex head flange bolts. Lock final height adjustment with k-lock nuts using 3/4 in [19 mm] wrench.

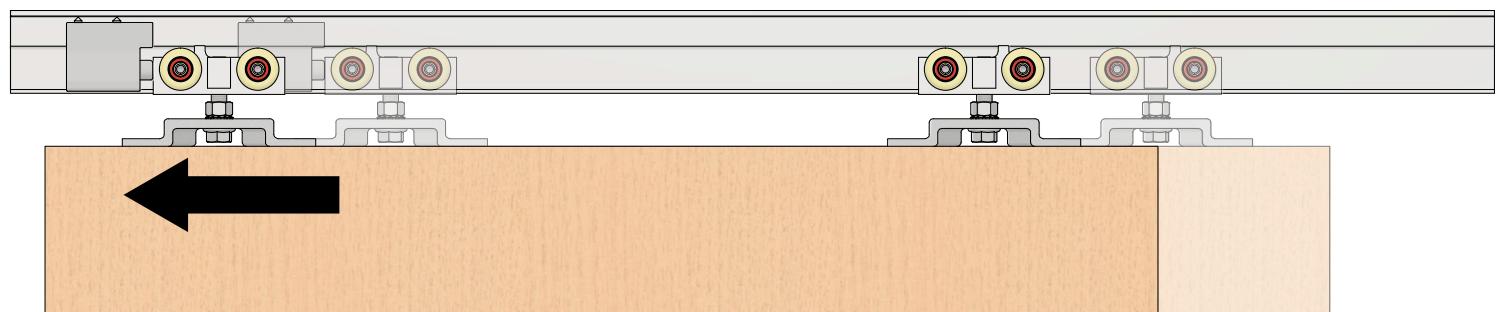
**Step #10:**

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 #4**, against hanger body.

**Step #11:**

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 #12:**

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 #13:**

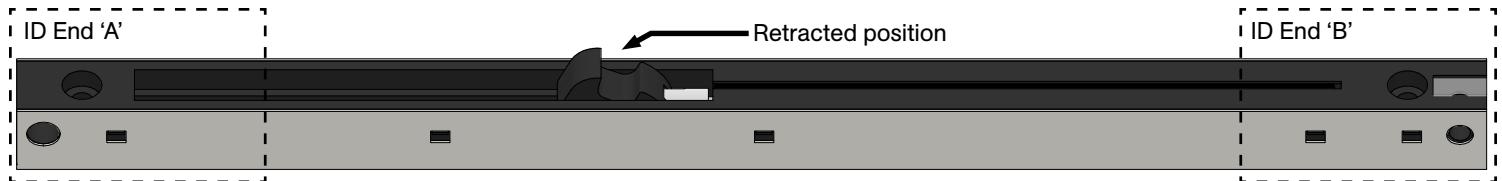
Repeat **steps #10 - 12** for opposite side.

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

Step #14:

Before installing 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.



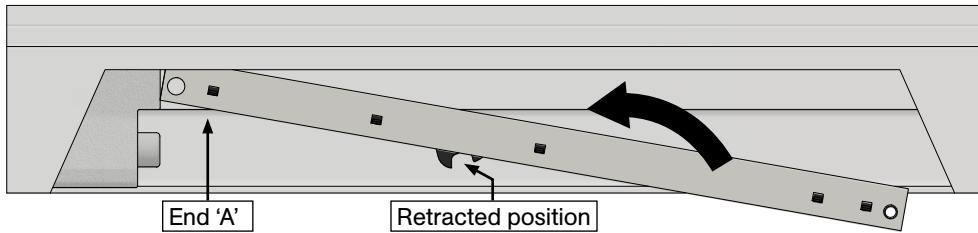
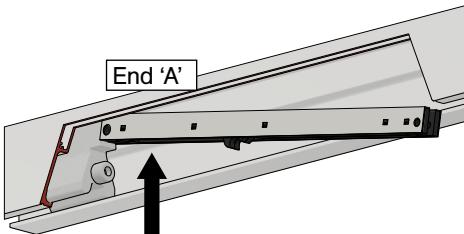
Important Catch 'N' Close Device Notes:

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

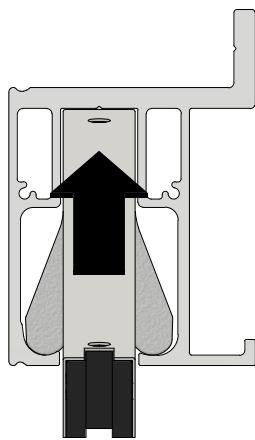
If doors are minimum 200 lbs. [91 kg] up to 300 lbs. [136 kg], ensure CC-3 Catch 'N' Close Devices are used.

Step #15:

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



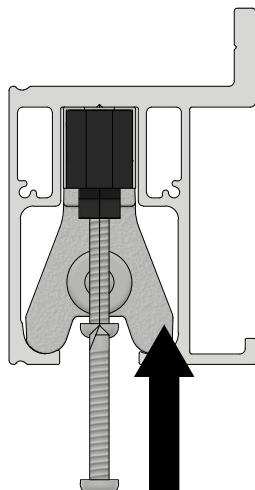
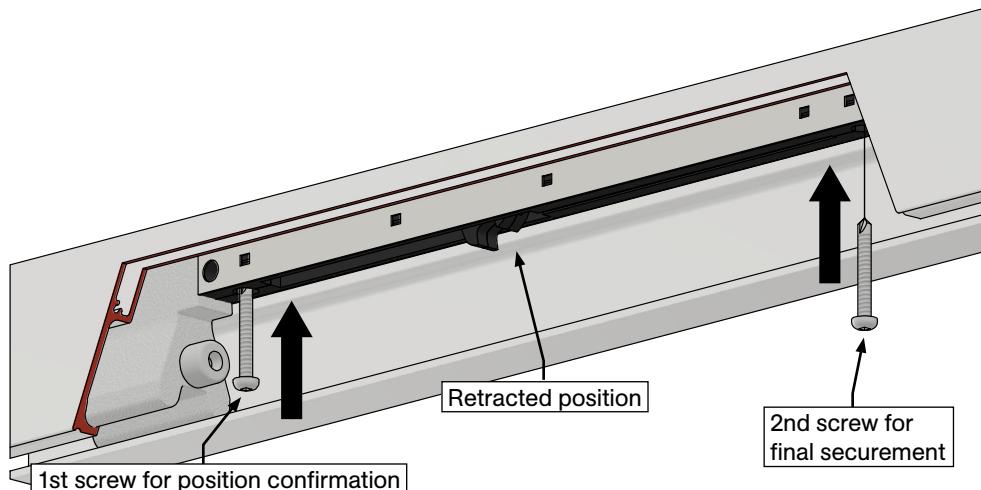
End view



Step #16:

Secure Catch 'N' Close Device to track with two (2) #10 x 1-1/2" Self-Drilling Screws [FT5]. Repeat for opposite end with Catch 'N' Close Device installed in reverse as shown on front page in Elevation View illustration.

Note: If using impact driver to secure Catch 'N' Close Devices, do not overtighten screws. It is recommended to pre-drill track with Ø9/64 in [3.6 mm] drill bit. 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.



Step #17:

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

CC-990 Fascia and CC-991 End Cap Installation

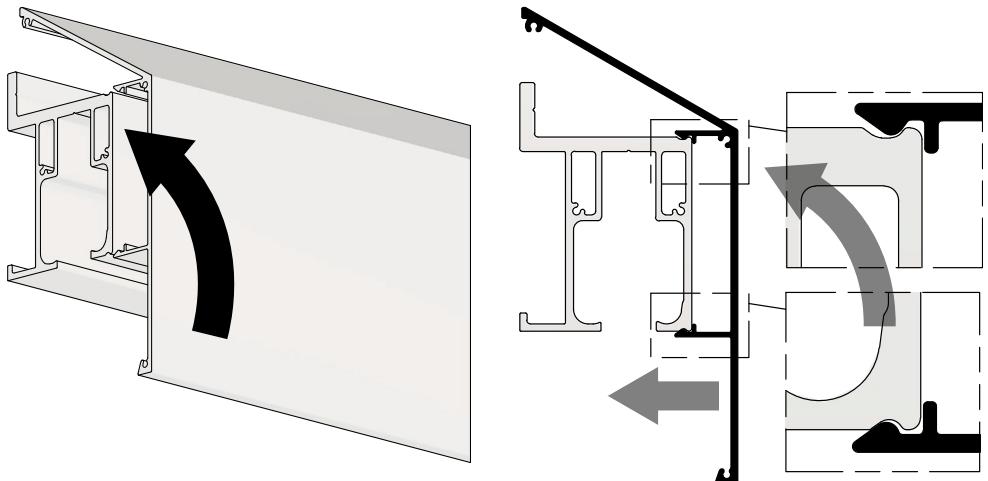
Step #F1:

Cut CC-990 Fascia to match track length.

Step #F2:

Lift fascia up to track and snap on as shown right.

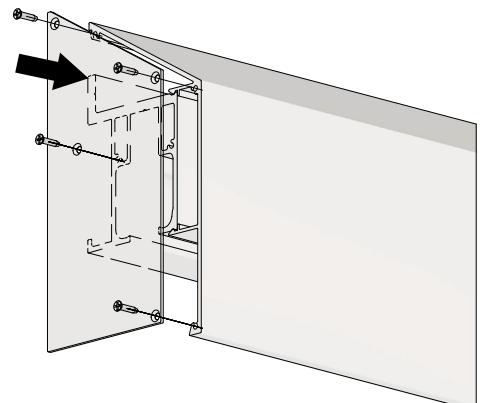
Note: If fascia is loose, use a rubber mallet on inside leg at 24 in [610 mm] intervals to tighten fit.



Step #F3:

Install CC-991 End Cap as shown right with the supplied #4 x 5/16" Flat Head Screws [FT29], four (4) screws per end cap provided.

Note: Do not install with impact driver.



Troubleshooting

Issue

Chatter/noise when door is sliding

Solution

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 #4 - 5**. Ensure Catch 'N' Close Devices are in correct retracted or extended position prior to sliding door closed/open. See **step #14**.

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.

KN Crowder

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Top Plate Location Template

**Top plate is a casting;
therefore, dimensions listed are
 ± 0.020 in [0.51 mm]**

8x recommended pre-drill:
Soft wood = Ø9/64 in [3.6 mm]
Hard wood = Ø5/32 in [4.0 mm]
at least 2 1/4 in [57.2 mm] deep

5 5/8 in [142.9 mm]

2 1/2 in [63.5 mm]

Distance from edge of door to edge of top plate

1 21/32 in [41.9 mm]

2 1/32 in [51.4 mm]

15/32 in [11.7 mm]

15/16 in [23.5 mm]

1 3/4 in [44.5 mm] thick door

2 1/4 in [57.2 mm] thick door

2 1/2 in [63.5 mm] thick door

Top Plate Location Template

Top plate is a casting;
therefore, dimensions listed are
 $\frac{1}{4} \times 2 \times 20$ in. [15.5 \times 500 mm]

Diagram showing the required distance from the edge of a door to the center of a top plate for a 2 1/2 in [63.5 mm] thick door. The distance is 5 5/8 in [142.9 mm]. The diagram also shows the layout of pre-drill holes on the door panel, with a red dashed line indicating the center of the top plate. The holes are arranged in a 4x2 grid. The top-left hole is at 15 1/32 in [11.7 mm] from the left edge and 2 25/32 in [70.5 mm] from the top edge. The top-right hole is at 1 21/32 in [41.9 mm] from the left edge and 2 25/32 in [70.5 mm] from the top edge. The bottom-left hole is at 2 1/32 in [51.4 mm] from the left edge and 15 1/16 in [23.5 mm] from the top edge. The bottom-right hole is at 1 21/32 in [41.9 mm] from the left edge and 15 1/16 in [23.5 mm] from the top edge. A callout box specifies 8x recommended pre-drill holes, with sizes and depths for soft and hard wood.

Required distance from edge of door to center of top plate
5 5/8 in [142.9 mm]

Distance from edge of door to edge of top plate
2 1/2 in [63.5 mm]

1/2 in [63.5 mm] thick door

2 1/4 in [57.2 mm] thick door

1 3/4 in [44.5 mm] thick door

15 1/32 in [11.7 mm]

15 1/16 in [23.5 mm]

2 25/32 in [70.5 mm]

1 21/32 in [41.9 mm]

2 1/32 in [51.4 mm]

+/- 0.020 in [0.51 mm]

8x recommended pre-drill:
Soft wood = Ø9/64 in [3.6 mm]
Hard wood = Ø5/32 in [4.0 mm]
at least 2 1/4 in [57.2 mm] deep