

CCGH-902

Installation Instructions

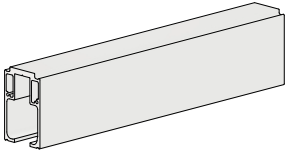
Used with CC-902 Side Mount Bracket and CC-904 Top Mount Track

KNC
Catch 'N' Close

Catch 'N' Close System for Glass Doors

- Prevents bouncing and slamming of sliding doors
- Can be installed on both opening and closing ends of doors as narrow as 30 in [762 mm]
- Cycle tested up to 150,000 times
- For 1/2 in [12 mm] or 3/8 in [10 mm] thick glass
- For up to 300 lbs. [136 kg] with CC-3

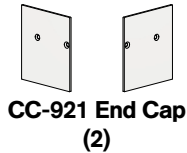
Parts List



CC-904 Top Mount Track x length (1)

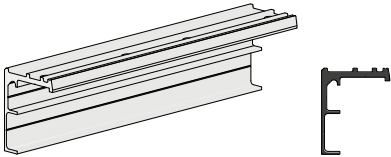
Length = 2 x door width, example:

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



CC-921 End Cap (2)

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



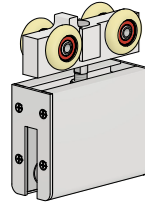
CC-902 Side Mount Bracket x length (1)

Length = same as track length, example:

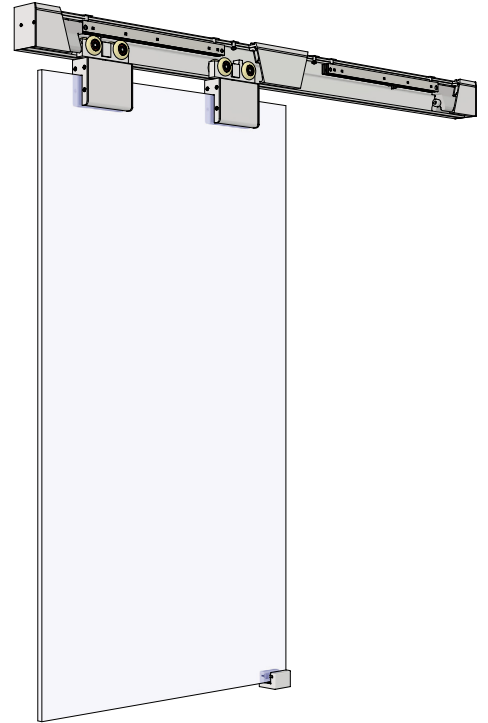
72 in [1829 mm] track = 72 in [1829 mm] bracket

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**.



CCGH-[] Hanger (2)

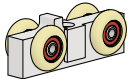


Complete CCGH-[] with CC-902 and CC-904 kit illustrated. Cut-outs in track to expose components.

Disassembled Parts List



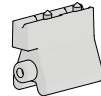
CGH-CB Custom Hanger Bolt (1)



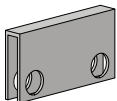
CCGH Hanger Body (1)
c/w wheels



3/8-16 Hex Jam Nut (3)
[FT20]



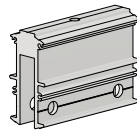
CC-101HD Catch 'N' Close In-Track Stops (2)



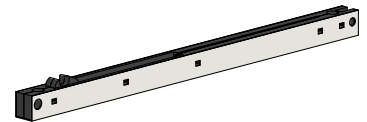
CGH-RB[] Rubber Boot (1)



CGH-F Fascia (2)



CGH Aluminum Hanger Body (1)



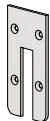
Catch 'N' Close Device (2)
see details in instruction steps



CGH Nylon Spacers (2)



CGH-GB Glass Bolt (2)



CGH-SEC Slotted End Cap (2)

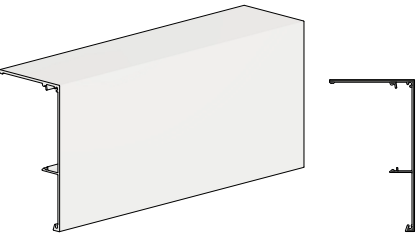
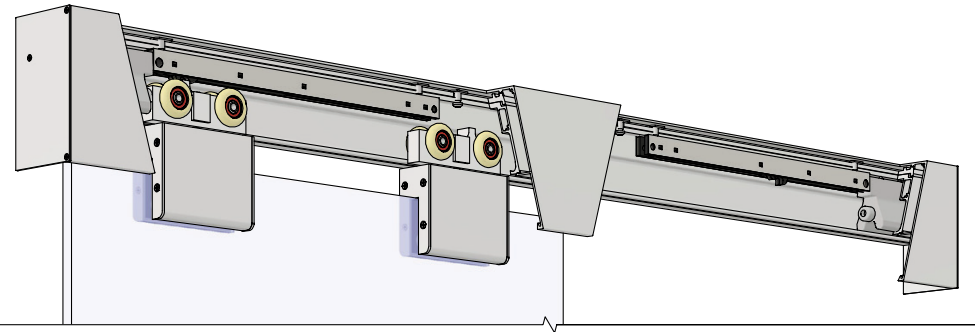


#6-32 x 1/2" Flat Phillips Undercut Machine Screw (8)
[FT49]

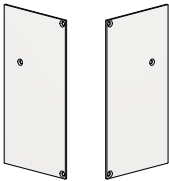


#10 x 1-1/2" Self-Drilling Screws (4)
[FT5]

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]

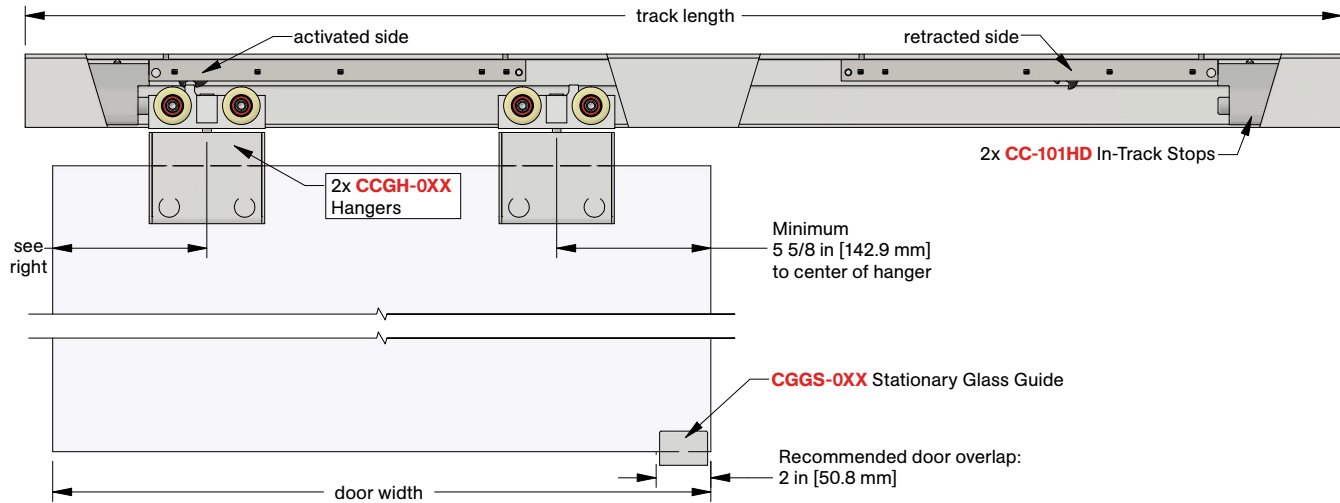
Chart A: Tab Nuts and #10-24 Machine Screws Quantity

	For CC-2/CC-3		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 middle.
Spacing is repeated on opposite end to middle of the CC-902 full length.

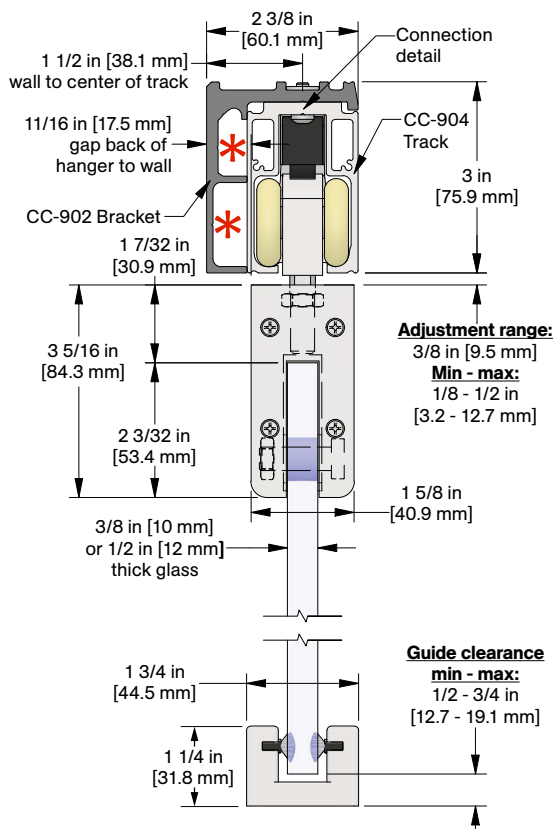
Product Details and Dimensions

Elevation View

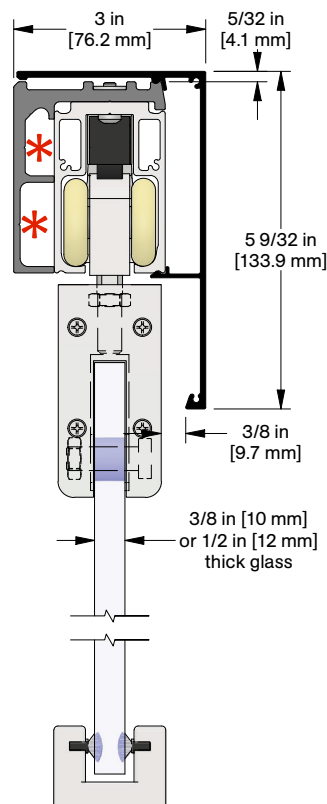


Section View

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



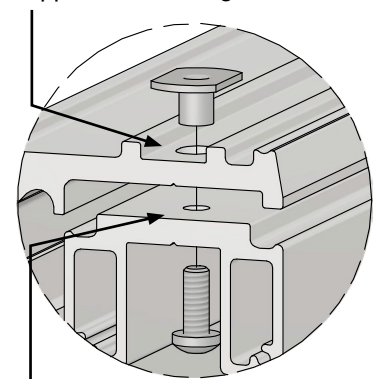
Optional CC-920 Snap-on Fascia, illustrated as solid black profile



Detail A

Fastening detail for track and side mount bracket

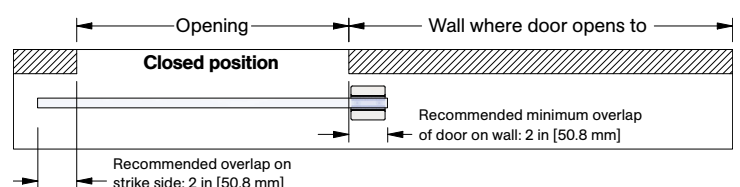
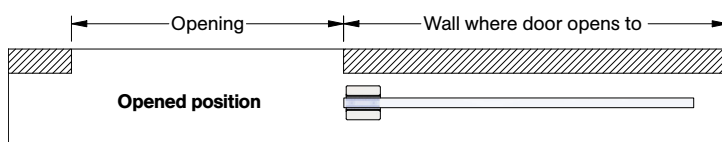
CC-902 Side Mount Brackets are supplied with oblong holes



Holes in CC-904 Track by installer

Typical installation location for floor guides

For barn door applications



Installation Steps

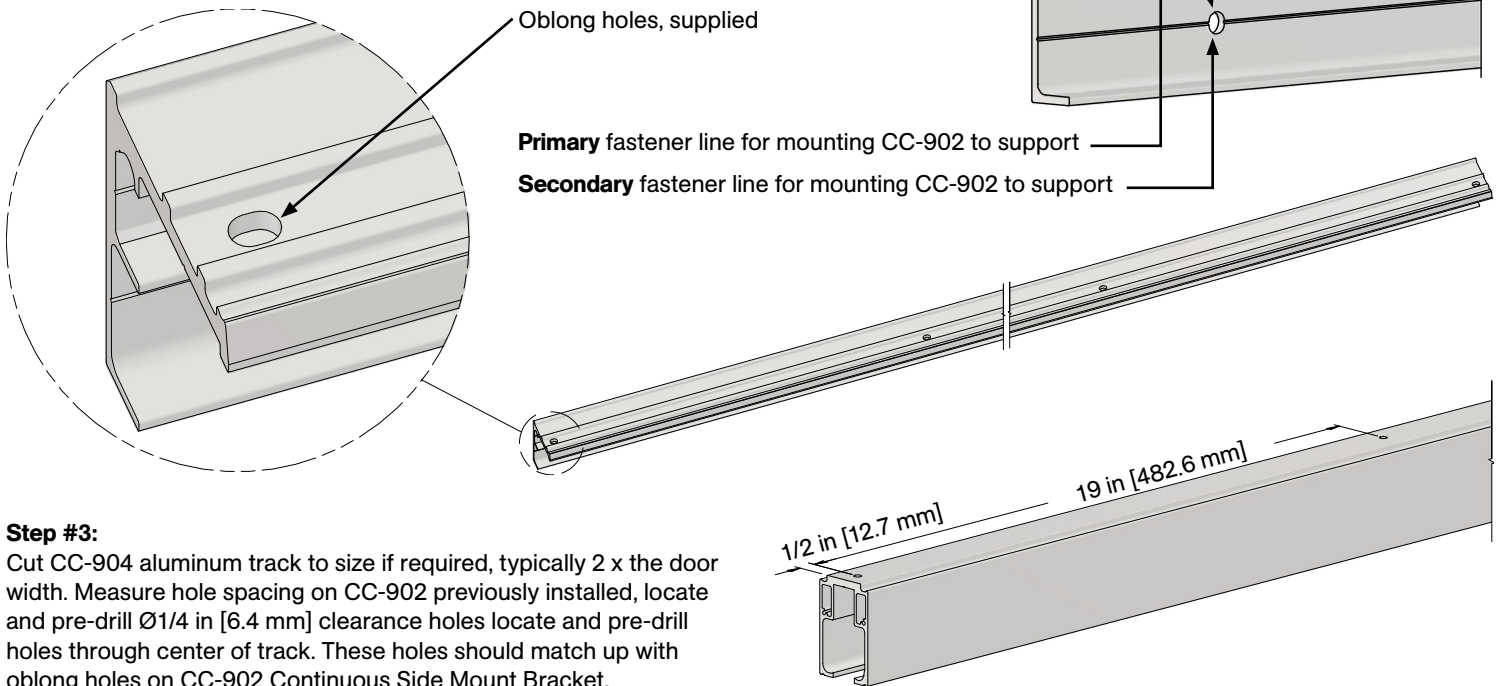
Step #1:

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 the 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:

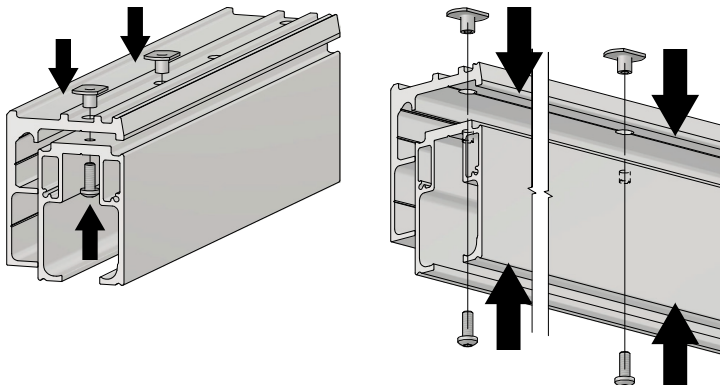
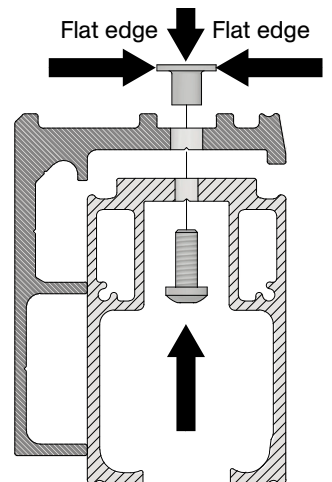
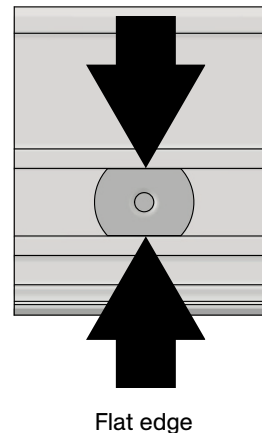
Note: If access to the ends of the track is not available, steps #5 and 6 must be completed before step #4.

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 Flat edge

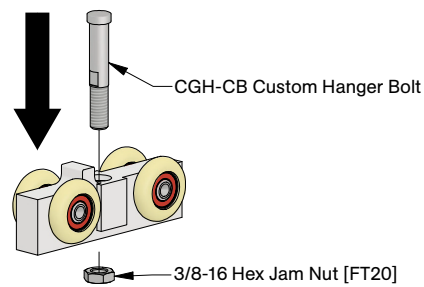
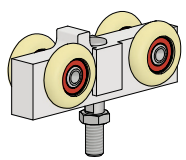


Step #5:

Assemble CCGH Catch 'N' Close Hangers as shown right:

Fig. 1 Insert CGH-CB Custom Hanger Bolt into CCGH Hanger Body from top side with trigger and thread 3/8-16 Hex Jam Nut [FT20] on bolt.

Fig. 2 Completed CCGH Hanger assembly, 2 x required

Fig. 1**Fig. 2****Step #6:**

Slide one (1) CCGH 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.

* CCGH Hanger

● CC-101HD In-Track Stop

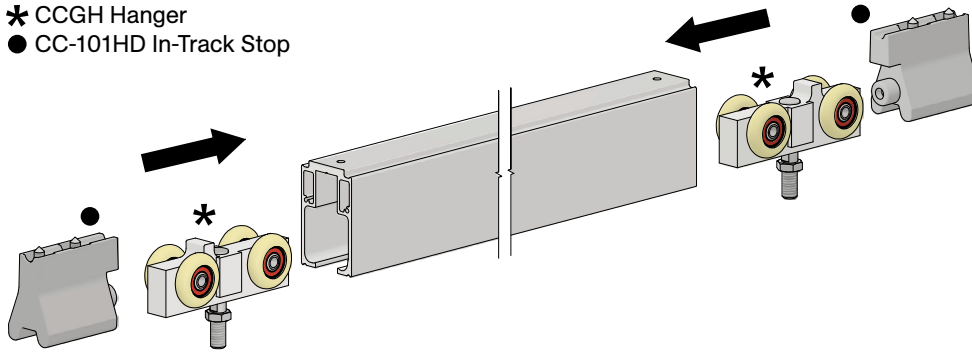
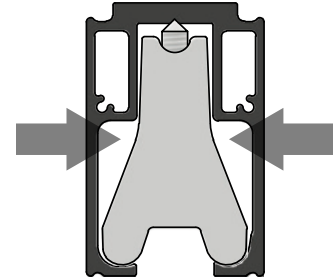
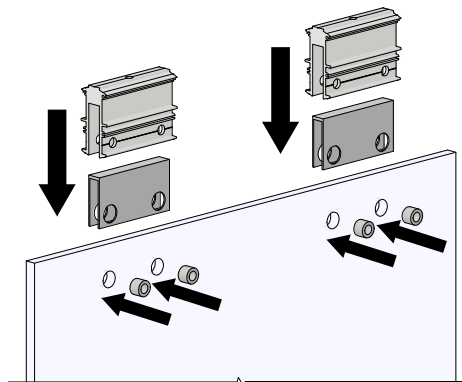


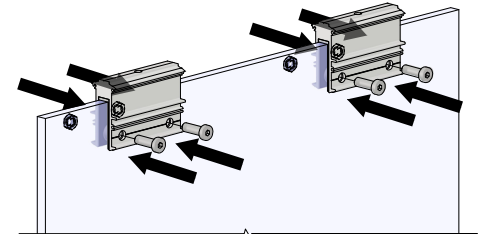
Illustration below shows correct positioning of stops in track

**Step #7:**

Prepare glass door with holes per glass prep template attached. Insert CGH Nylon Spacers in prep holes of glass door. Slip CGH-RB [] Rubber Boot over top edge of glass, then CGH aluminum hanger body over rubber boot. Align holes on rubber boot and hanger body with CGH Nylon Spacers and holes on glass door. See right.

**Step #8:**

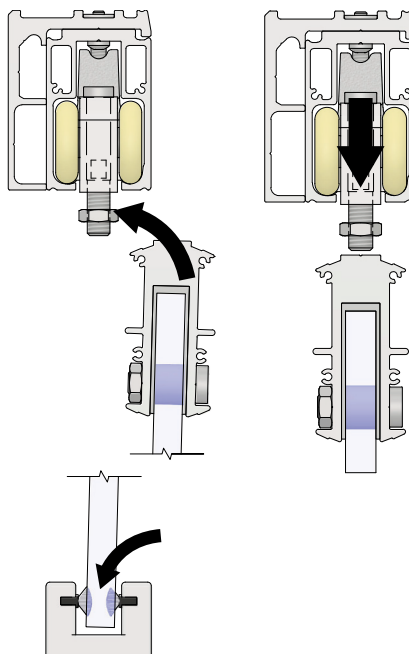
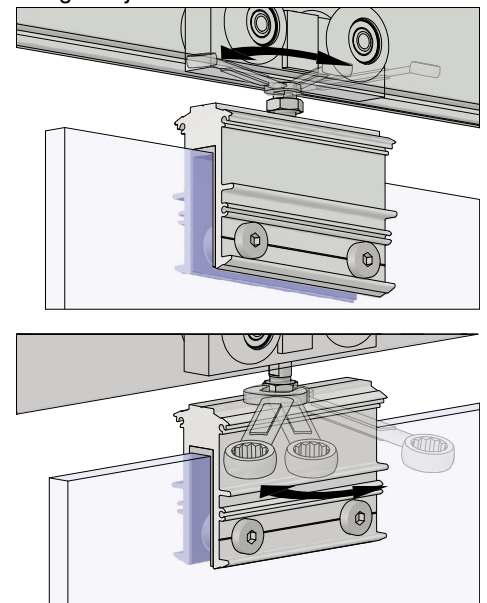
Thread (2) CGH-GB Glass Bolts per hanger through holes in glass and secure with (2) 3/8-16 Hex Jam Nut [FT20]. See below.

**Step #9:**

Refer to chosen guide installation instructions based on system selected.

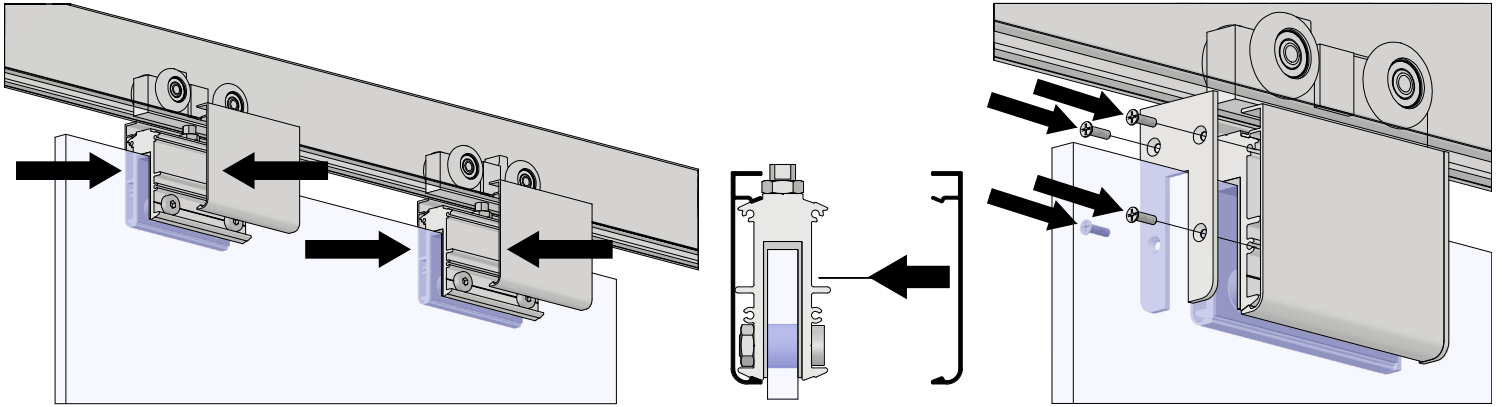
Step #10:

Raise door, position over guide, and under hangers in track. Lift CGH-CB Custom Hanger Bolt in track and engage with threaded hole on CGH Hanger Body. Adjust door height and plumb by using 5/16 in [7.9 mm] wrench on adjustment flats located on CGH-CB Custom Hanger Bolt. Lock final height adjustment with 3/8-16 Hex Jam Nuts [FT20] using 9/16 in [14.3 mm] wrench.

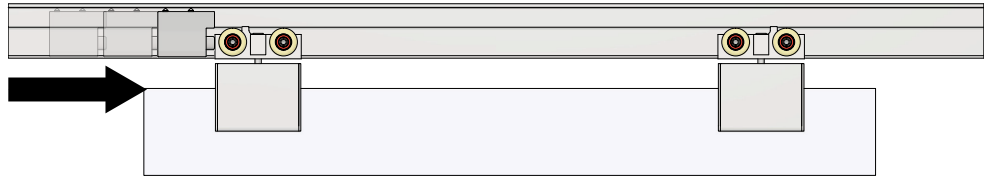
**Hanger adjustment view**

Step #11:

Snap CGH-F Fascia onto hanger body, one per side. Place CGH-SEC Slotted End Caps onto ends of each hanger and fasten with (4) #6-32 x 1/2" Flat Phillips Undercut Machine Screw [FT49] per end cap.

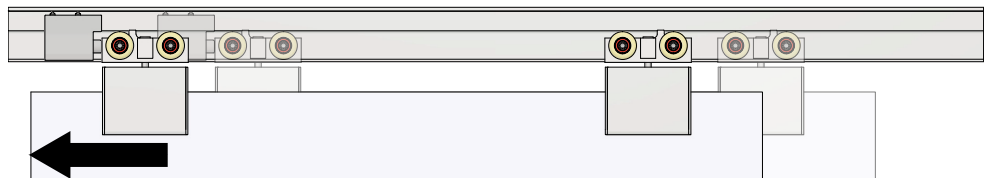
**Step #12:**

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

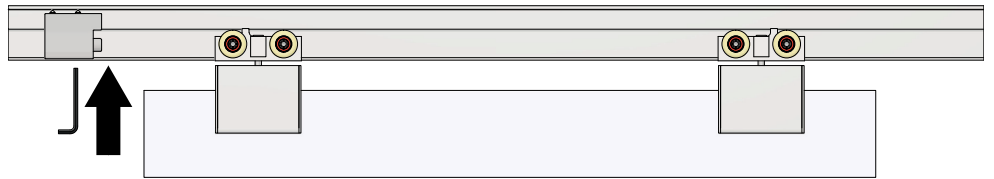
**Step #13:**

With CC-101HD Stop loose, slide door to final/desired position of door as shown right.

Note: Ensure that strike and trim thickness 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 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:**

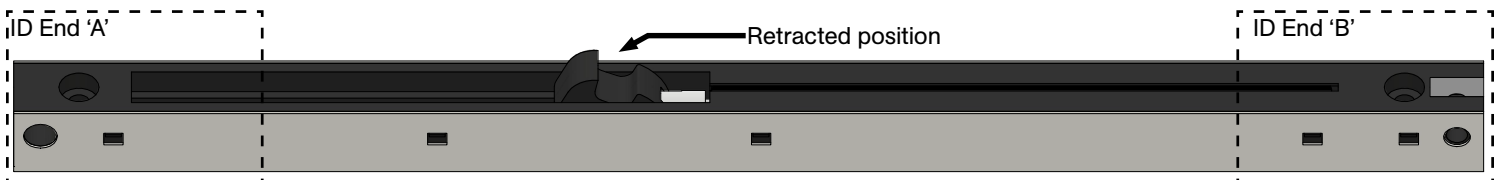
Repeat **steps #12 - 14** for opposite side.

Note: Ensure that strike and trim thickness are taken into consideration for final/desired position of door.

Step #16:

Before installing Catch 'N' Close Devices, ensure devices are in retracted position as shown below. If not in required position, slide hook down until it locks in position.

Note: Requires significant finger pressure.

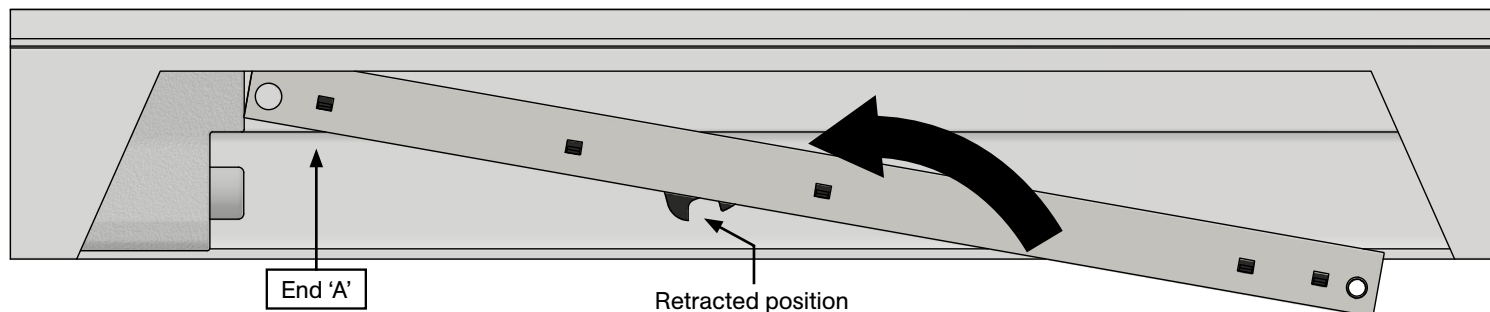
**Important Catch 'N' Close Device Notes:**

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.

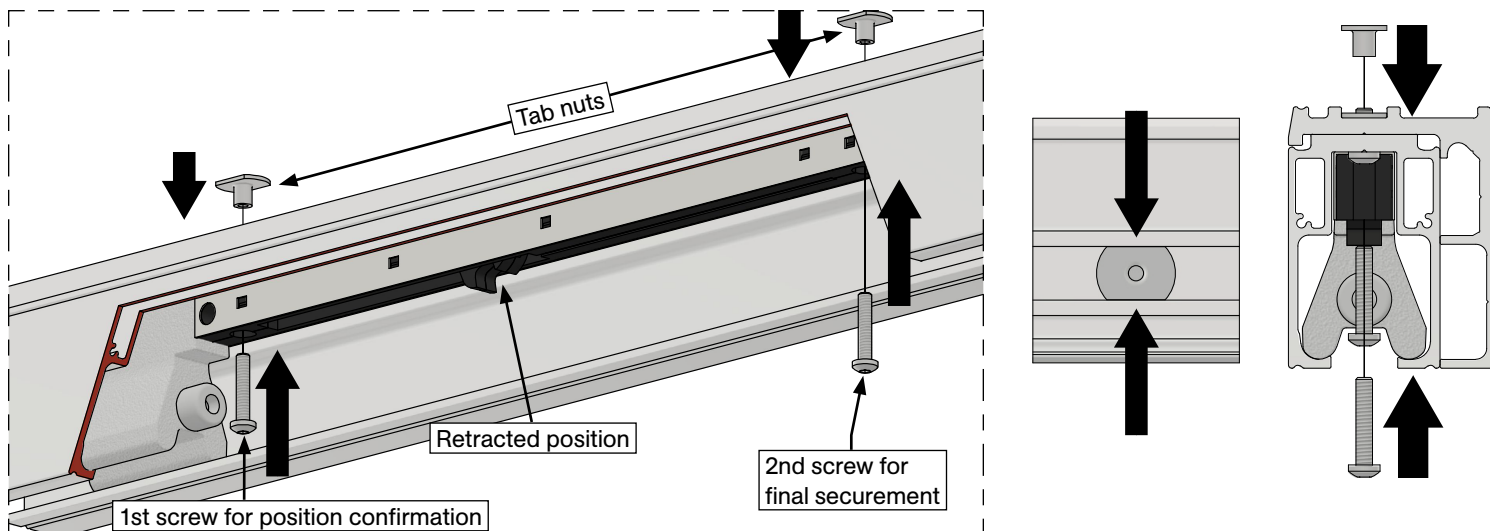
Step #17:

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

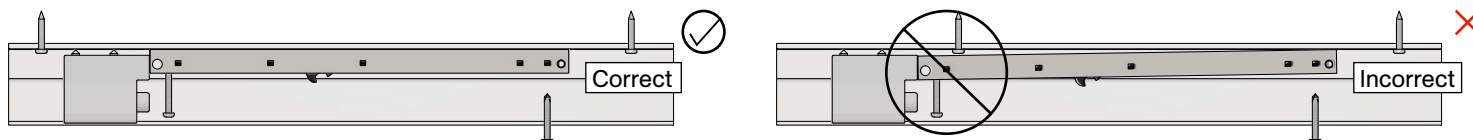
**Step #18:**

Locate and secure Catch 'N' Close Devices to track with (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.

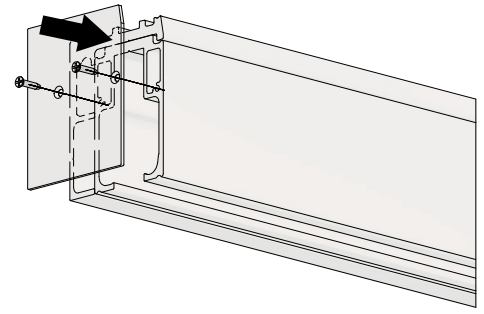
**Step #19:**

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], 2 screws per end cap provided.

Note: Do not install with impact driver.



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

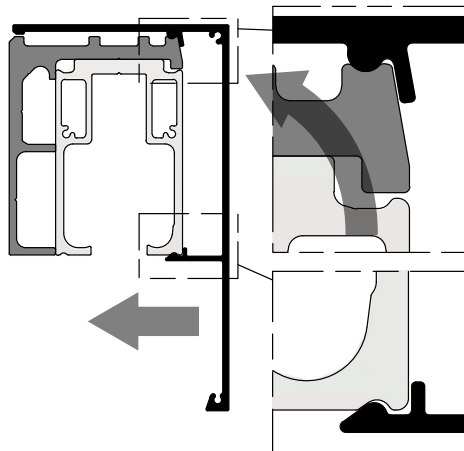
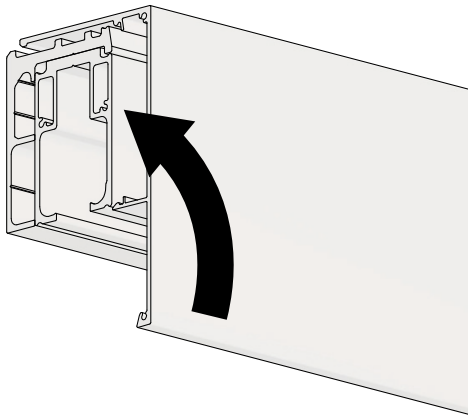
Step #F1:

Cut CC-920 Fascia to correct length if required. Typically, fascia is same length as track previously installed.

Step #F2:

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

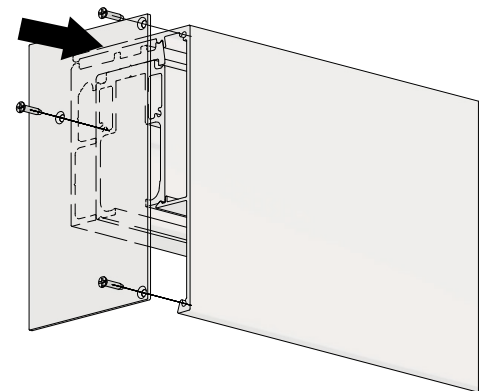
Note: If fascia is loose and a tighter fit is desired, use a rubber mallet on inside leg of fascia to reduce gap, at +/-24 in [610 mm] intervals.



Step #F3:

Install CC-922 End Cap as shown with supplied #4 x 5/16" Flat Head Screws [FT29], 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 #4 - 5 . Ensure Catch 'N' Close Devices are in correct retracted or extended position prior to sliding door closed/open. See step #15 .
Replacing the Catch 'N' Close Device	The Catch 'N' Close track and hardware system has been designed for easy installation. Remove two screws that hold Catch 'N' Close Device in place and replace device with a new one if failure occurs.

Glass Door Prep Details

