

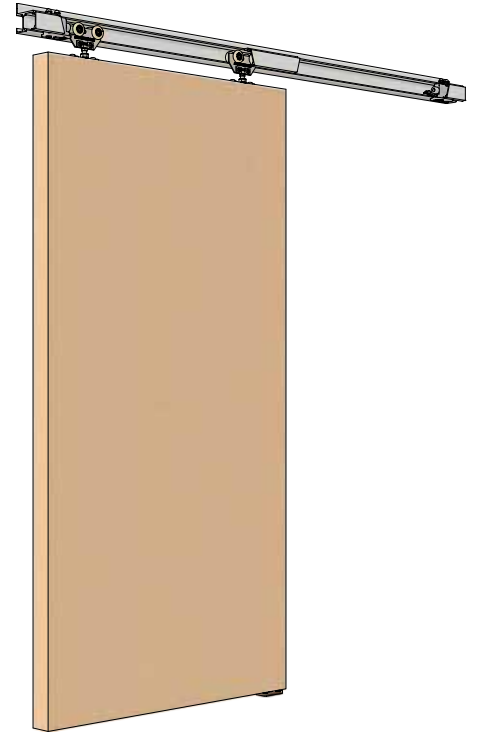
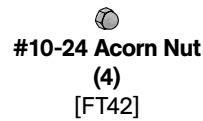
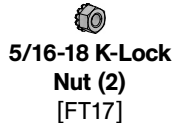
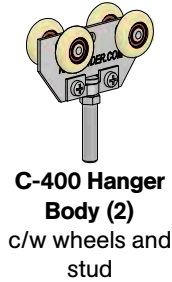
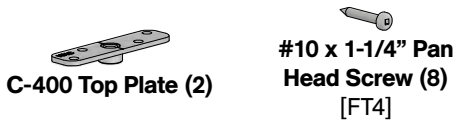
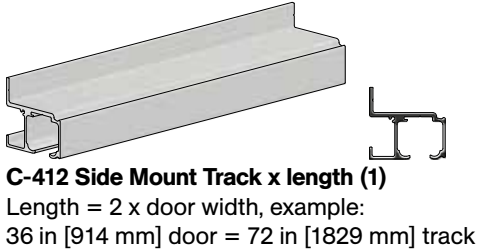
# C-418

## Installation Instructions

KNC

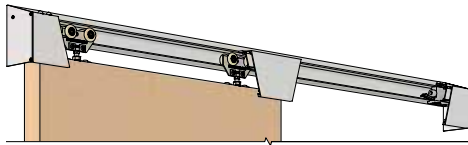
- Top mount hanger with 1/2 in [12.7 mm] adjustment range
- Precision ground ball bearings with nylon wheels
- Cycle tested up to 150,000 times
- Side mount track
- For up to 125 lbs. [57 kg] doors
- Optional snap-on fascia (C-519) and end caps (C-420)

## Parts' List

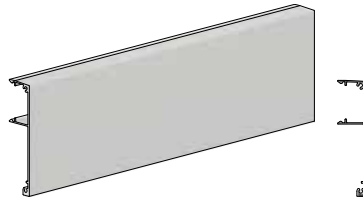


Complete C-418-W kit illustrated.  
Cut-outs in track to expose components.

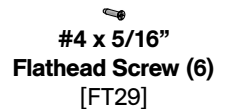
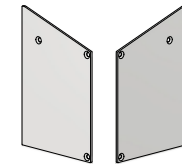
## Optional Add-on Products



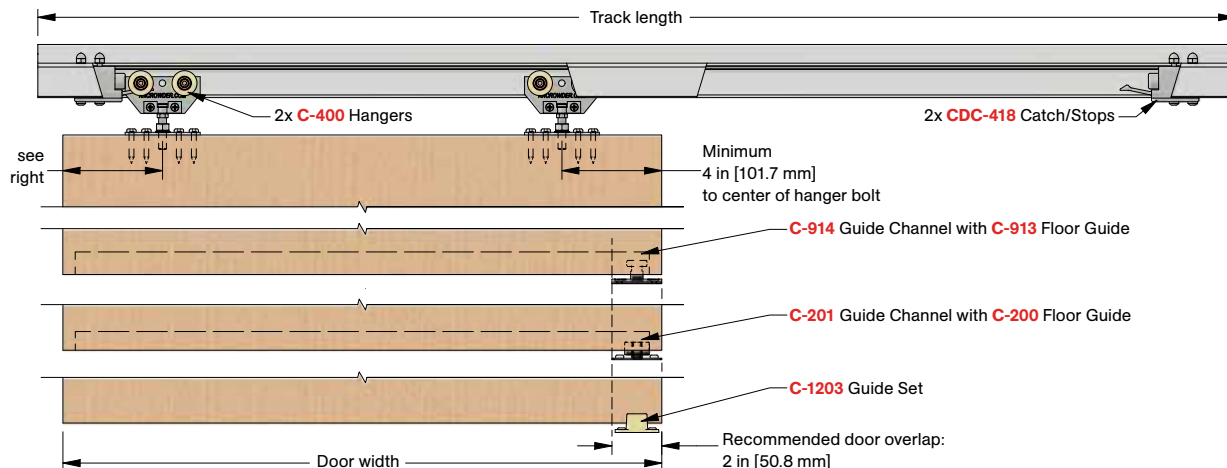
Complete C-418F-W kit illustrated.  
Cut-outs in track to expose components.



**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

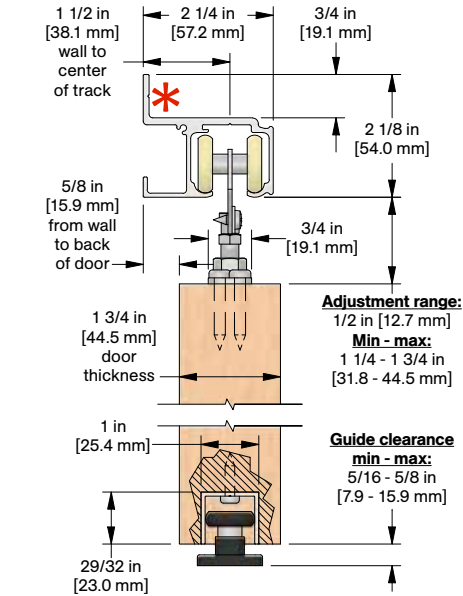


# Product Details and Dimensions

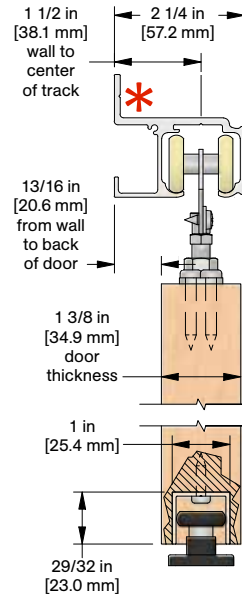
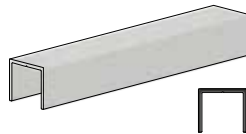
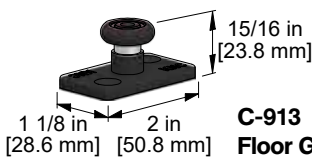
## Section View

\* Indicates mounting flange on C-412 Track

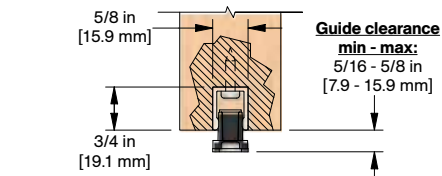
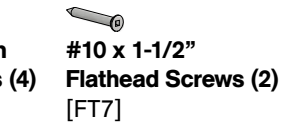
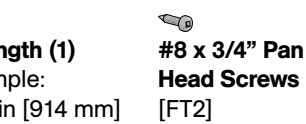
C-519 Snap-on Fascia illustrated as solid black profile



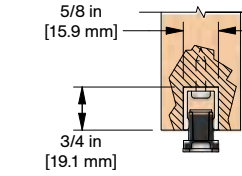
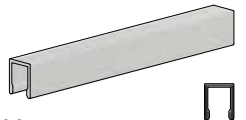
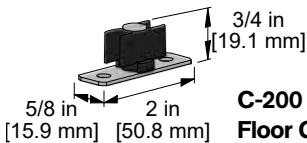
**C-418-W**



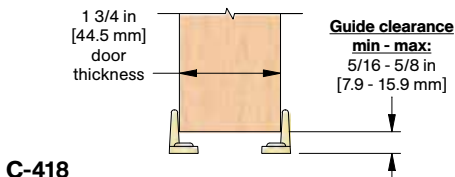
**C-418-B**



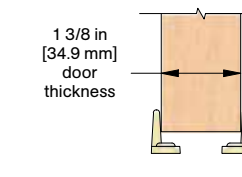
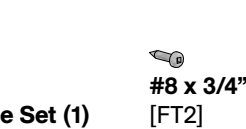
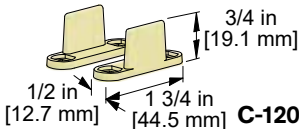
**C-418-B**



**C-418**



**C-418**

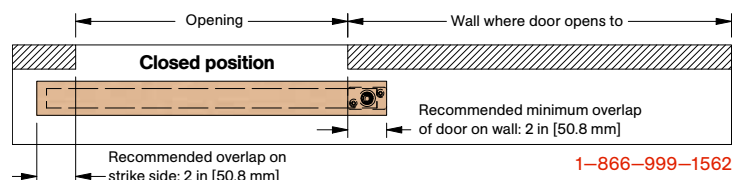
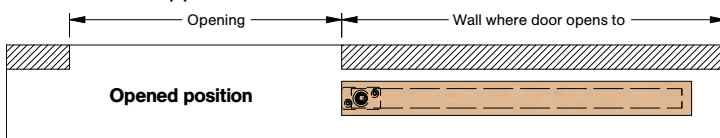


**C-418**



## 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 the kit code ordered by using dimensions shown in detail views on previous page.

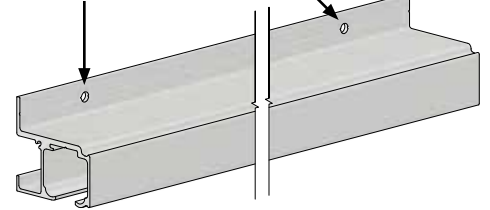
## Step #2:

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

Cut C-412 aluminum track to size if required, typically 2 x the 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 Ø5/16 in lag or structural bolts to secure track. Spacing is recommended to be between 12-16 in [300-400 mm] on center. Consult structural engineer to ensure adequate support and fastening.**

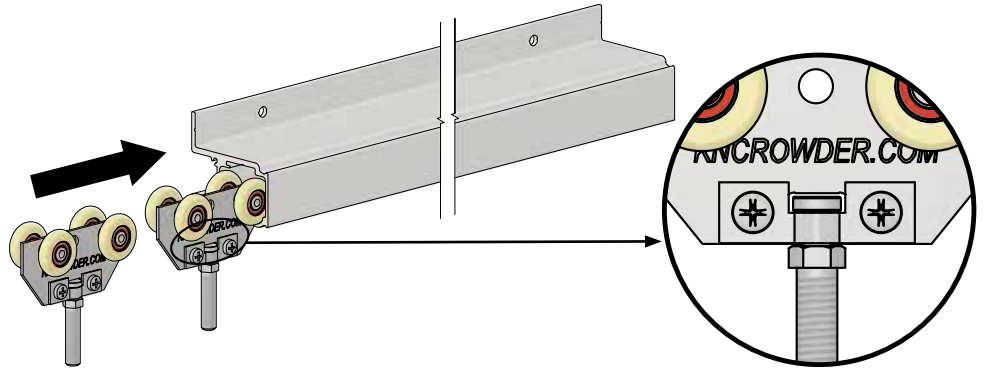
Holes not provided. Must be located and drilled by installer.



## Step #3:

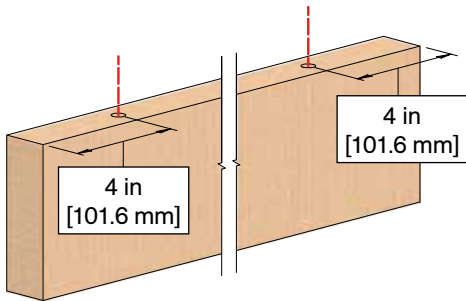
Slide two (2) C-400 Hanger Bodies with wheels into track as shown right.

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



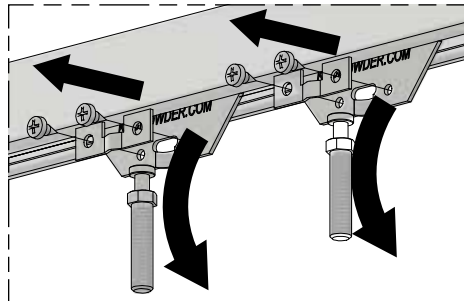
## Step #4:

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



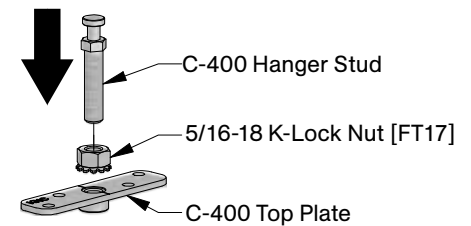
## Step #5A:

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



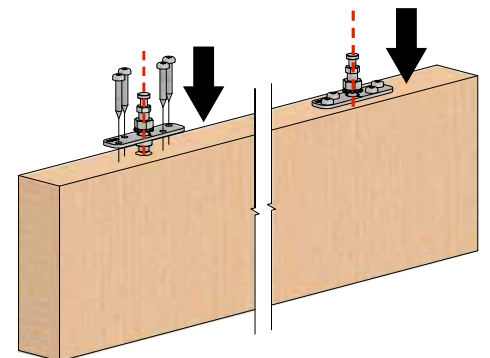
## Step #5B:

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

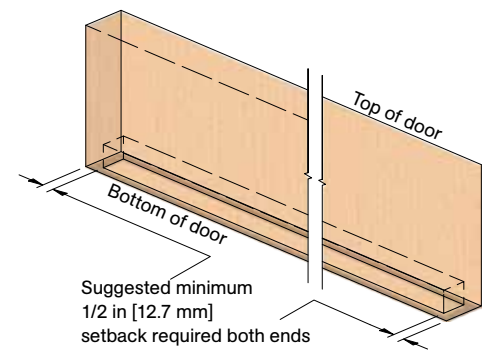


## Step #6:

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 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.



## For C-418

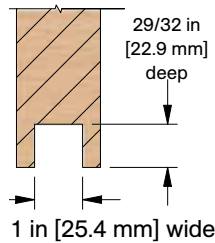
### Steps #7 and 8:

No guide channel prep or installation required.

## For C-418-W

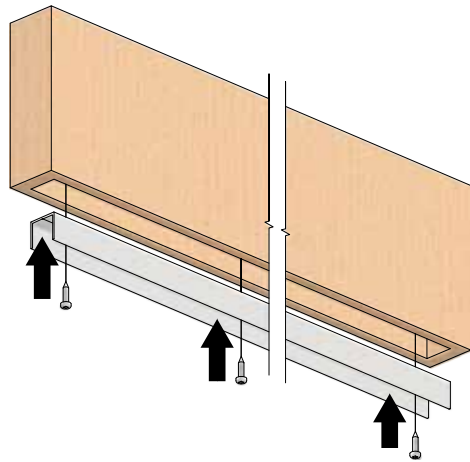
### Step #7:

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. It is recommended to make slot as  
accurate as possible for secure fit and  
neat appearance.



### Step #8:

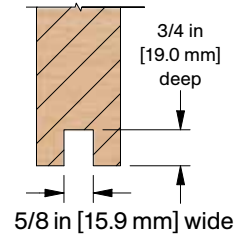
Cut C-914 aluminum guide channel to correct length as required.  
Drill holes in C-914 Guide Channel and pre-drill holes in door. Locate  
C-914 Guide Channel in slot and secure channel into place with  
(4) #8 x 3/4" Pan Head Screws [FT2].



## For C-418-B

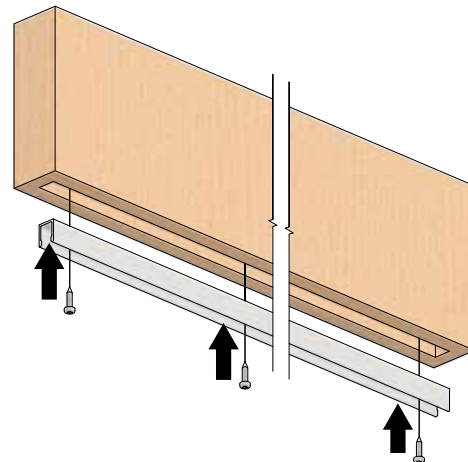
### Step #7:

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



### Step #8:

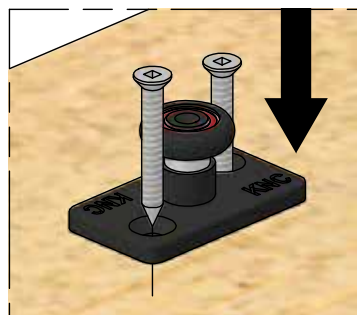
Cut C-201 aluminum guide channel to correct length as required.  
Drill holes in C-201 Guide Channel and pre-drill holes in door. Locate  
C-201 Guide Channel in slot and secure channel into place with  
(4) #8 x 3/4" Pan Head Screws [FT2].



## For C-418-W

### Step #9:

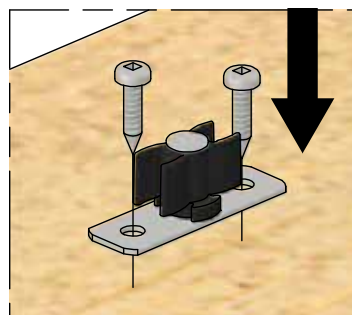
Position C-913 Guide per typical installation  
location details and secure to floor with  
(2) #10 x 1-1/2" Flathead Screws [FT7].



## For C-418-B

### Step #9:

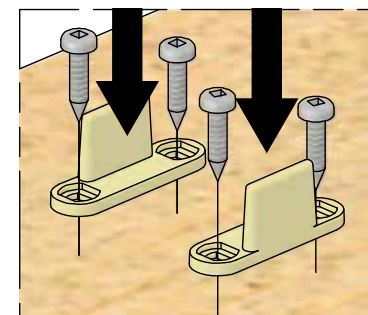
Position C-200 Guide per typical installation  
location details and secure to floor with  
(2) #8 x 3/4" Pan Head Screws [FT2].

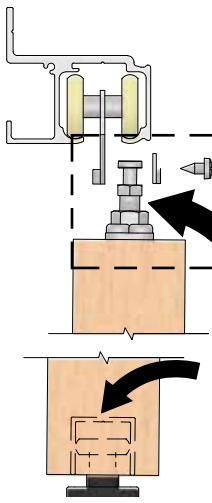


## For C-418

### Step #9:

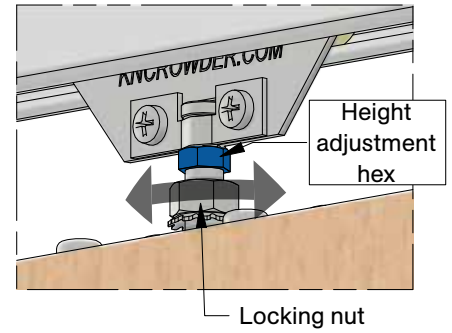
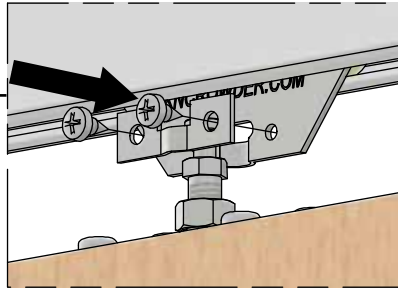
Position C-1203 Nylon Guide Set per  
typical installation location details and  
secure to floor with (4) #8 x 3/4" Pan  
Head Screws [FT2].





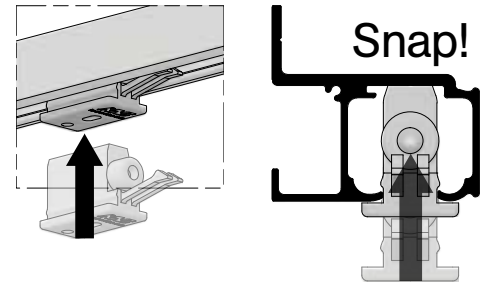
#### Step #10:

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 door has been installed, snap CDC-418 Catch/Stops into each end of track with bumpers facing towards center of track. Once snapped into track, CDC-418 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-418 Catch/Stop against hanger and engage it with hanger. Bumper should be against hanger body.



#### Step #13:

With CDC-418 Catch/Stop loose, slide door to final/desired position of door.

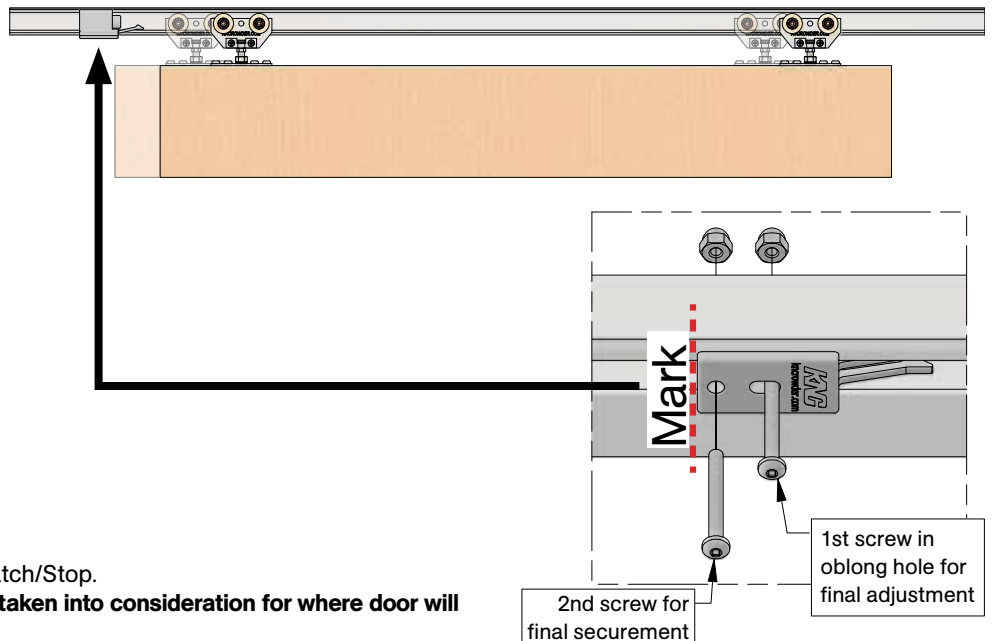
**Note: Ensure that strike and trim thickness are taken into consideration for final/desired position of door.**



#### Step #14:

Once final position is achieved, mark outside edge of CDC-418 Catch/Stop as shown below, disengage CDC-418 Catch/Stop from hanger and slide door back. Position CDC-418 Catch/Stop at mark and pre-drill Ø3/16 in hole in oblong hole and secure with one (1) #10 x 1-3/4" Machine Screw [FT46] and one (1) 10-24 Acorn Nut [FT42]. Recheck door position and adjust CDC-418 Catch/Stop if necessary before securing by pre-drilling and with machine screw and acorn nut in second hole.

**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 CDC-418 Catch/Stop.

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



# Optional C-519 Fascia Installation

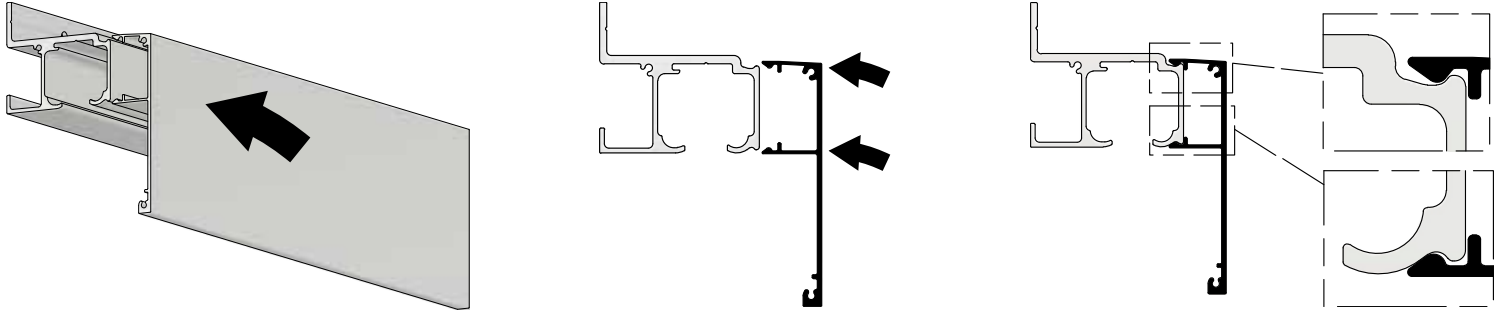
## Step #F1:

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.

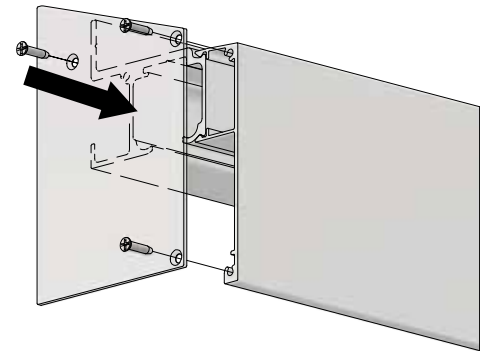
**Note:** If fascia is loose and a tighter fit is desired, use a rubber mallet on inside leg of fascia to reduce gap at  $\pm 24$  in [610 mm] intervals.



# Optional C-420 End Cap Installation

Install C-420 End Cap as shown to the right with the supplied #4 x 5/16" Flathead Screws [FT29], 3 screws per end cap provided.

**Note:** Do not install with impact driver.



# Top Plate Template

