

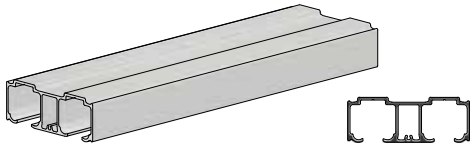
# C-500

## 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)**

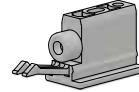
Length = 2 x door width, example:

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



**C-400 Hanger Body (4)**

c/w wheels and stud



**CDC-400 Catch/Stop (4)**



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



**C-400 Top Plate (4)**



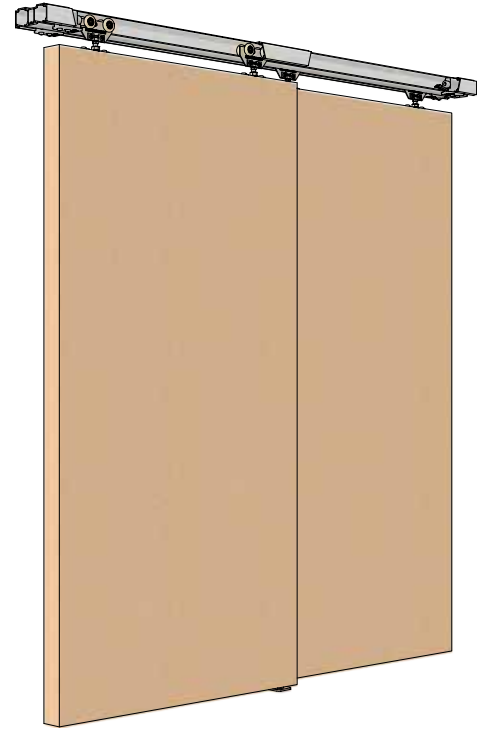
**#10 x 1-1/4" Pan Head Screw (16)**  
[FT4]



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

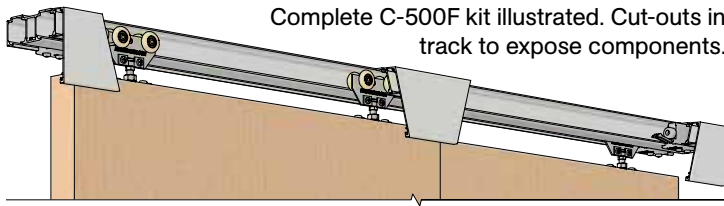


**#8 x 3/4" Pan Head Screw (16)**  
[FT2]

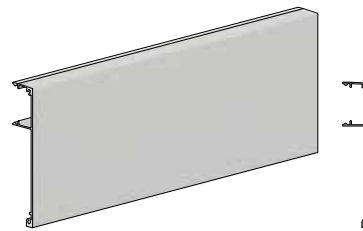


Complete C-500-W kit illustrated.  
Cut-outs in track to expose components.

## Optional Add-on Products



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

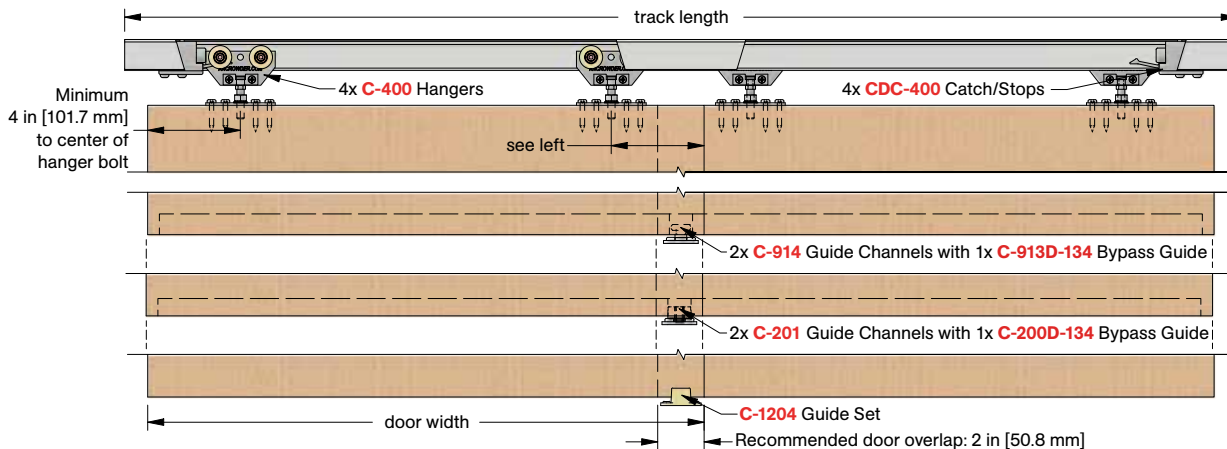


**C-519 Snap-on Fascia x length (1)**

Length = same as track length, example:

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

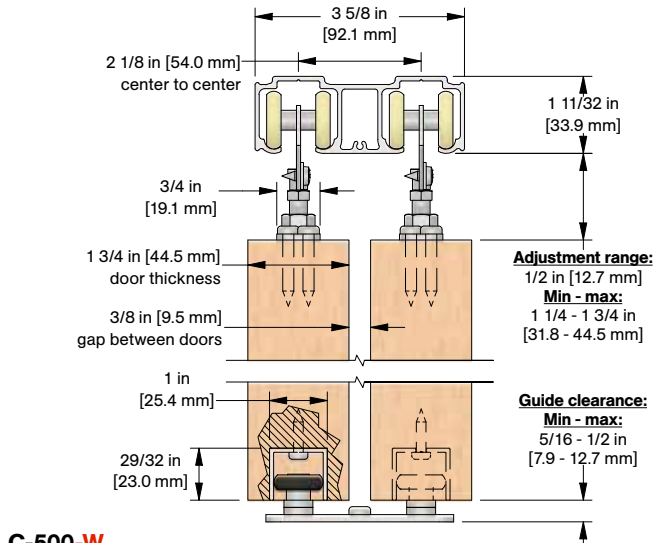
## Elevation View



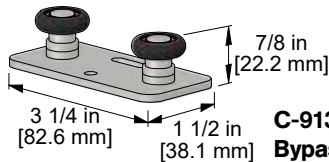
# Product Details and Dimensions

## Section View

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



**C-500-W**



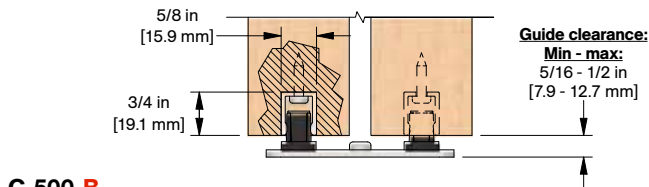
**C-913D-134  
Bypass Double Guide (1)**

**C-914 Guide Channel x length (2)**

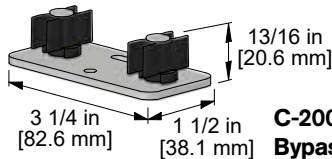
Length = door width, example:  
36 in [914 mm] door = 36 in [914 mm]  
guide channel less set-backs if desired

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

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



**C-500-B**



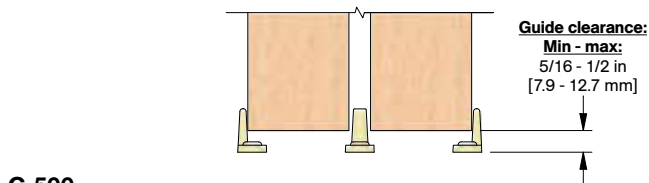
**C-200D-134  
Bypass Double Guide (1)**

**C-201 Guide Channel x length (2)**

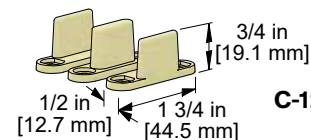
Length = door width, example:  
36 in [914 mm] door = 36 in [914 mm]  
guide channel less set-backs if desired

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

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



**C-500**

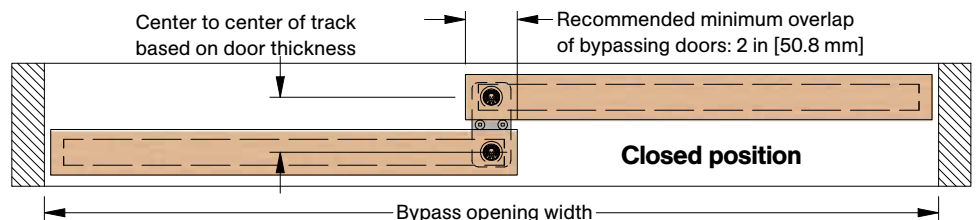


**C-1204 Guide Set (1)**

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

## Typical installation location for floor guides

For bypassing applications



# Installation Steps

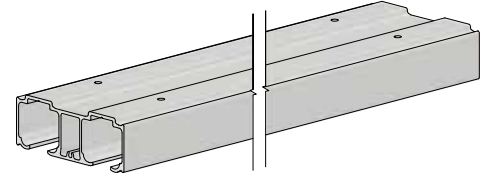
## Step #1:

Determine door size, header height, track position and bottom clearance based on 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-500 aluminum track to size if required, typically 2 x the door width. Locate and pre-drill  $\varnothing 3/16$  in [4.8 mm] holes through center of track. Secure track to structural support/header with #8 x 3/4" Pan Head Screws [FT2], quantity of 16 are supplied.

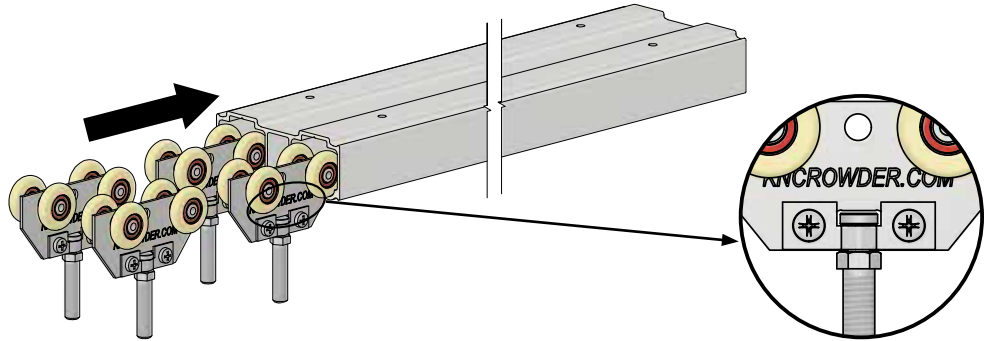


**Note: Solid support is required and spacing is recommended to be between 12-16 in [300-400 mm] on center. Consult structural engineer to ensure adequate support and fastening.**

## Step #3:

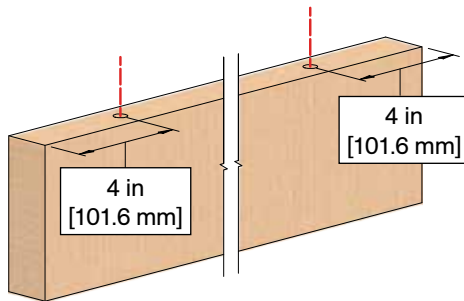
Slide four (4) C-400 Hanger Bodies with wheels into track as shown right.

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



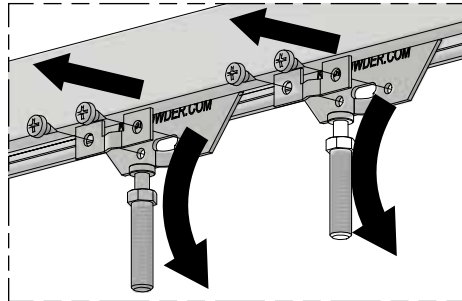
## Step #4:

Locate center of clearance hole/top plate on top of each door and drill a  $\varnothing 1/2$  in [12.7 mm] clearance hole at least 2 in [50.8 mm] deep as shown.



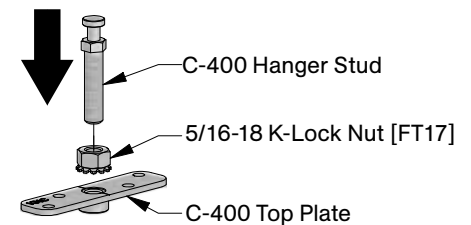
## Step #5A:

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



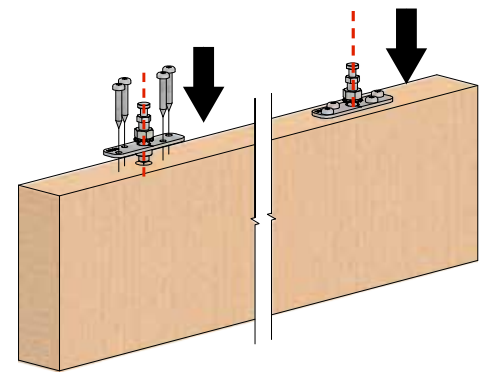
## Step #5B:

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

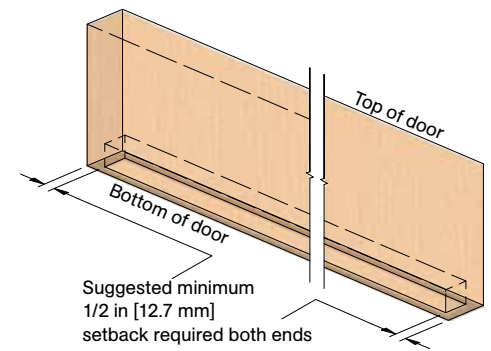


## Step #6:

Place assemblies from **step #5** on top edge of door with hanger bolt placed into clearance hole. Mark screw hole locations and pre-drill  $\varnothing 1/8$  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 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

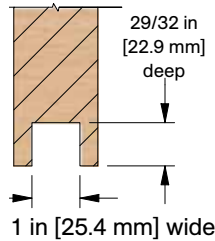
### Steps #7 and 8:

No guide channel prep or installation required.

## For C-500-W

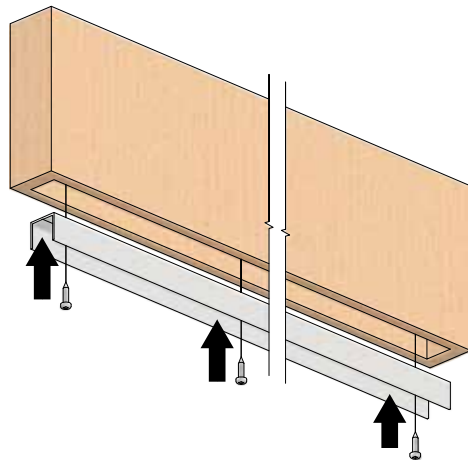
### Step #7:

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:

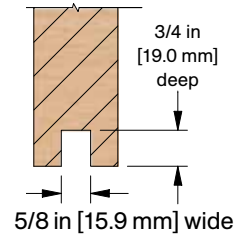
Cut C-914 aluminum guide channel to correct length as required.  
Drill holes in C-914 Guide Channel and pre-drill holes in doors.  
Locate C-914 Guide Channel in slot and secure channel into place  
with (4) #8 x 3/4" Pan Head Screws [FT2].



## For C-500-B

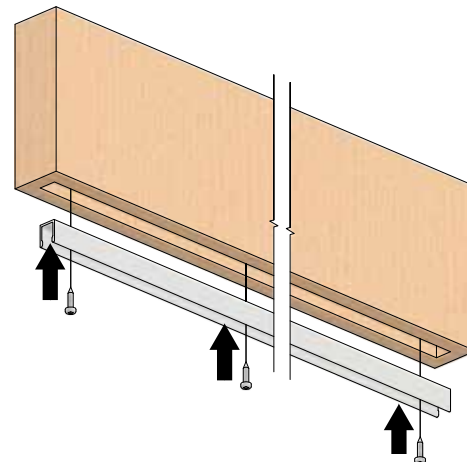
### Step #7:

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:

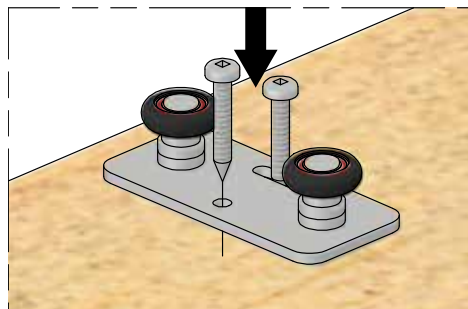
Cut C-201 aluminum guide channel to correct length as required.  
Drill holes in C-201 Guide Channel and pre-drill holes in doors.  
Locate C-201 Guide Channel in slot and secure channel into place  
with (4) #8 x 3/4" Pan Head Screws [FT2].



## For C-500-W

### Step #9:

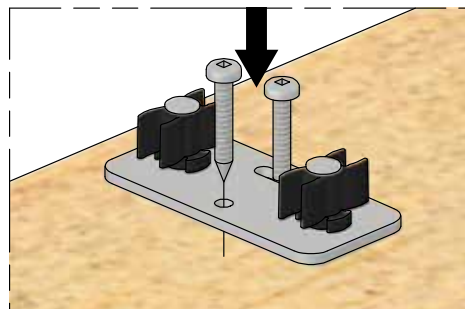
Position C-913D-134 Bypass Guide per  
typical installation location details and  
secure to floor with two (2) #10 x 1-1/4" Pan  
Head Screws [FT4].



## For C-500-B

### Step #9:

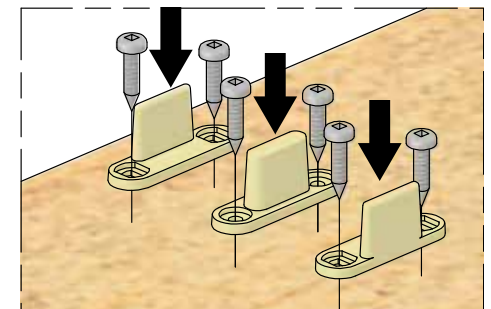
Position C-200D-134 Bypass Guide per  
typical installation location details and  
secure to floor with two (2) #10 x 1-1/4" Pan  
Head Screws [FT4].

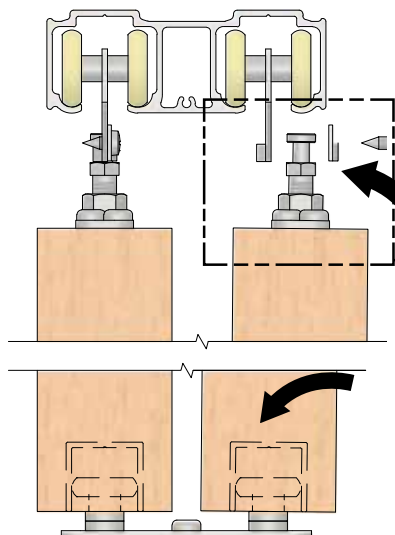


## For C-500

### Step #9:

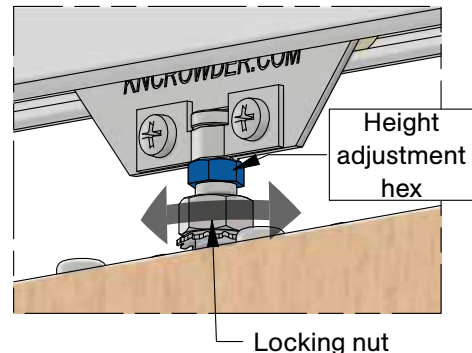
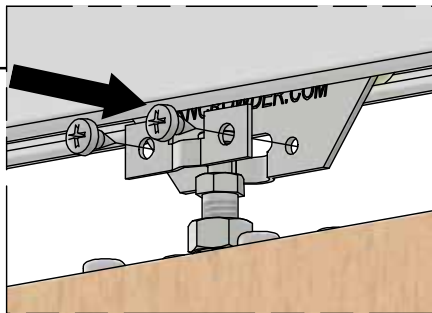
Position C-1204 Nylon Guide Set per  
typical installation location details and  
secure to floor with (6) #8 x 3/4" Pan  
Head Screws [FT2].





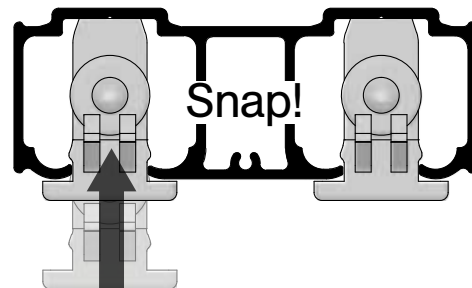
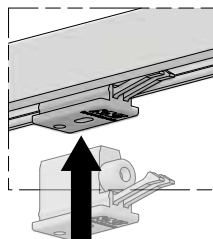
#### Step #10:

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 of door.

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



#### Step #14:

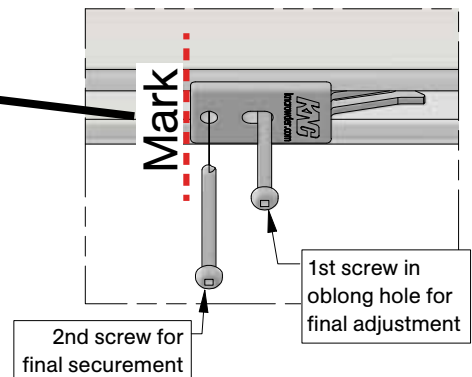
Once final position is achieved, mark outside edge of CDC-400 Catch/Stop as shown right, disengage CDC-400 Catch/Stop from hanger and slide door back. Position CDC-400 Catch/Stop at mark and secure with one (1) #10 x 2-1/4" Self-Drilling Screw [FT6] in oblong hole. Recheck door position and adjust CDC-400 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 trim thickness are taken into consideration for where door will be in final position.**





# Optional C-519 Fascia Installation

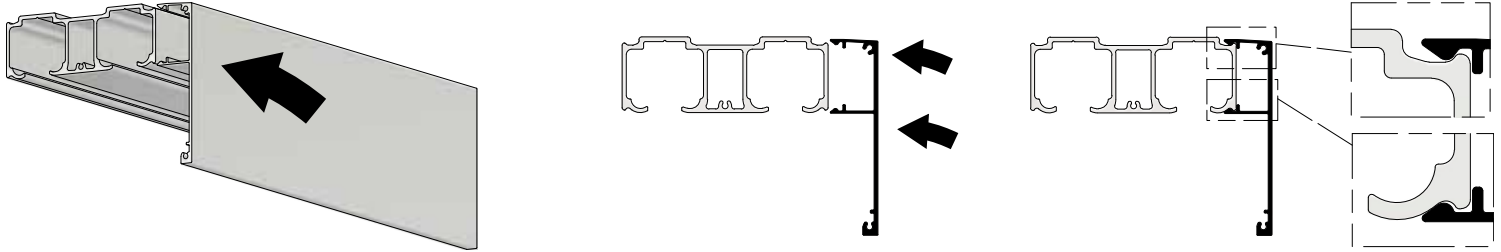
## Step #F1:

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 +/-24 in [610 mm] intervals.



# Top Plate Template

