

# SOLTAIRE TELESCOPIC

HENDERSON

## 2 & 3 DOOR

Fitting Instructions

### KIT AND DOOR SPECIFICATION

Kit Short Code	No. of Doors	Door Width Range	Door Thickness Range	Max. Door Weight
TEL120/2	2	500 - 1200mm	35 - 47mm	120kg
TEL120/3	3	500 - 1200mm	35 - 47mm	120kg

### KIT CONTENTS



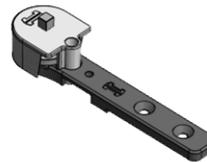
120 Track  
2 Door (x 2)  
3 Door (x 3)



51/120/SS Hanger  
2 Door (x 4)  
3 Door (x 6)



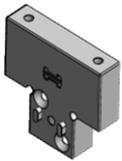
Short Arm  
2 Door (x 1)  
3 Door (x 2)



Long Arm  
2 Door (x 1)  
3 Door (x 2)



HH4/AN Track Stop  
2 Door (x 2)  
3 Door (x 2)



Datum Block  
2 Door (x 1)  
3 Door (x 1)



Belt Joint Bracket  
2 Door (x 1)  
3 Door (x 2)



Belt Retain Block  
2 Door (x 1)  
3 Door (x 1)



Belt Clamp  
2 Door (x 3)  
3 Door (x 6)



Spanner  
2 Door (x 1)  
3 Door (x 1)



Toothed Belt  
2 Door (x 3m)  
3 Door (x 6m)



Adjustable Floor Guide Bracket  
2 Door (x 1)  
3 Door (x 2)



Adjustable Floor Guide  
2 Door (x 1)  
3 Door (x 2)



Second Door Bracket  
2 Door (x 0)  
3 Door (x 1)



Fixed Floor Guide  
2 Door (x 1)  
3 Door (x 1)

Screws	2 Door	3 Door
M6 x 12 CSK HD	3	7
4.5 x 30 Wood Screw	11	18
M4 x 6 Grubscrew	1	2
M6 x 10 Hex HD Bolt	3	6

**Note:** Track must be specified in addition to kit

### TOOLS REQUIRED



Tape Measure



2, 4 & 5mm  
Allen Keys



Posi Head  
Screwdriver

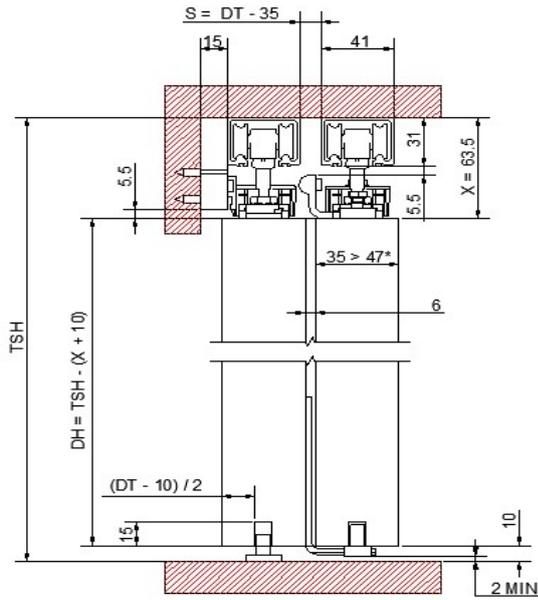


Spirit Level

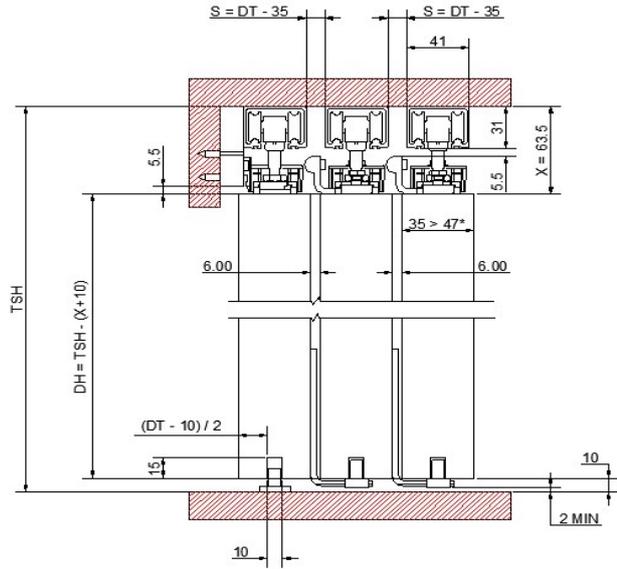


Scissors

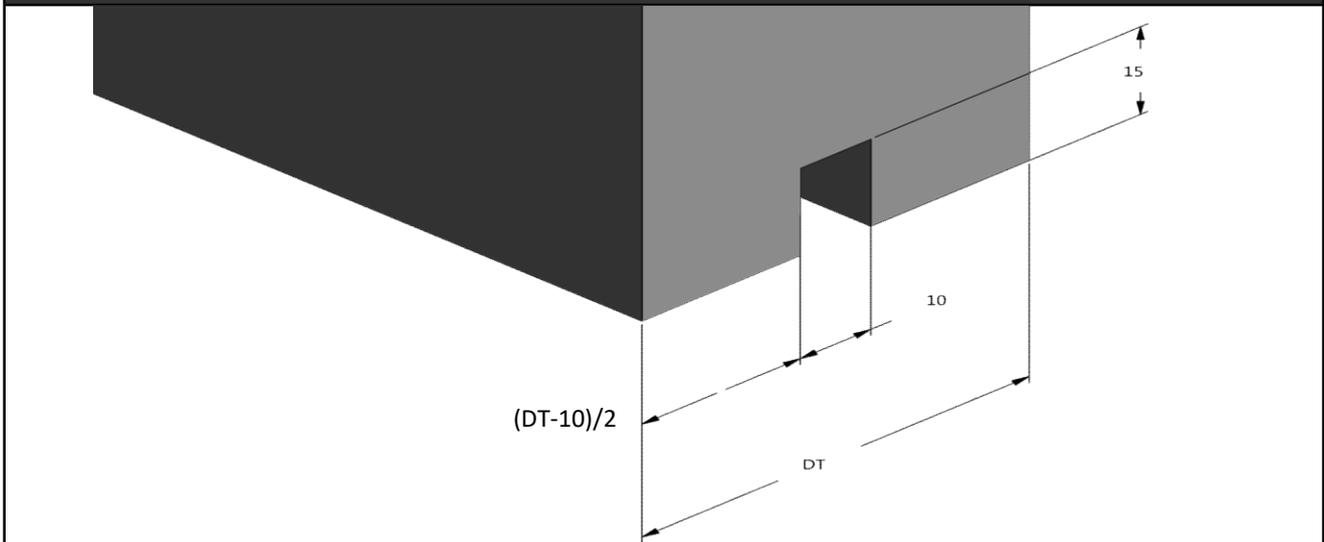
## SYSTEM OVERVIEW AND TRACK INSTALLATION



**KEY**  
**DT** = Door Thickness  
**TSH** = Track Set Height  
**DH** = Door Height  
**S** = Gap Required Between Tracks  
**X** = PCH Recommended Top Clearance (63.5mm)



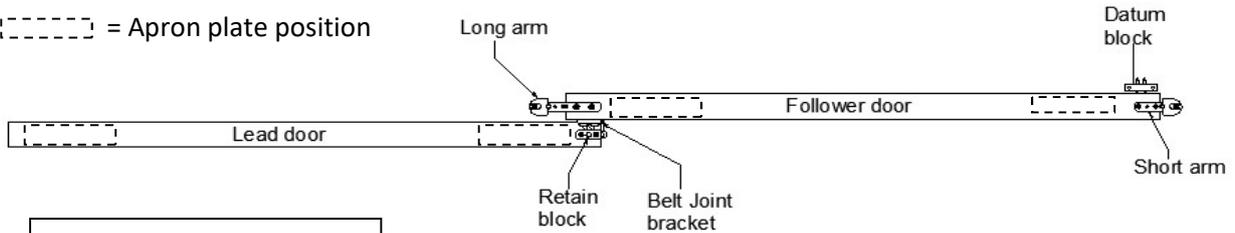
## DOOR FLOOR GUIDE ROUTING DETAIL



## TWO DOOR SYSTEM OVERVIEW

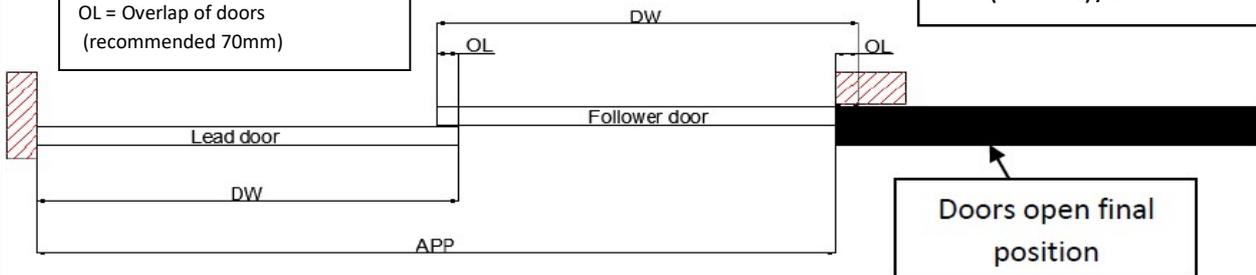
### TWO DOOR SYSTEM

⋯⋯⋯ = Apron plate position



**KEY**  
 DW = Door Width  
 APP = Maximum Clear Opening Width  
 OL = Overlap of doors (recommended 70mm)

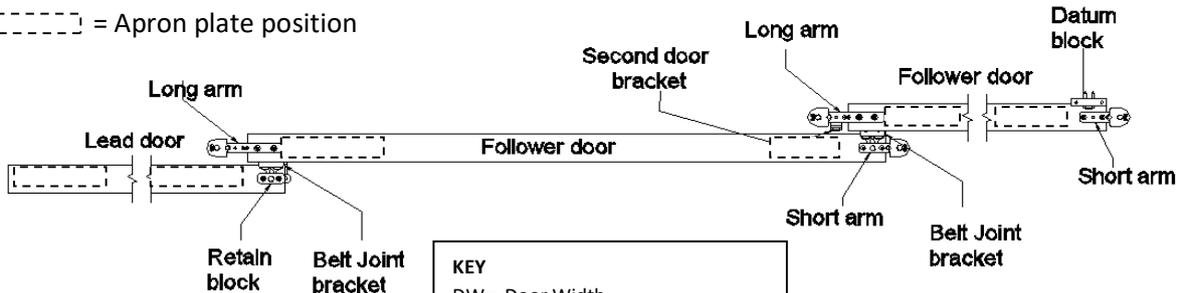
OL = PCH RECOMMEND 70mm  
 APP = 2 X DW - 140  
 DW = (APP + 140) / 2



## THREE DOOR SYSTEM OVERVIEW

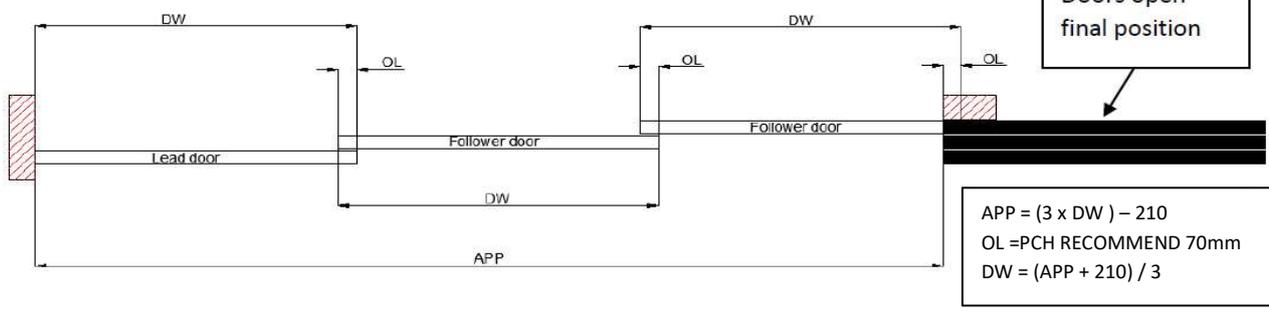
### THREE DOOR SYSTEM

⋯⋯⋯ = Apron plate position



**KEY**  
 DW = Door Width  
 APP = Maximum Clear Opening Width  
 OL = Overlap of doors (recommended 70mm)

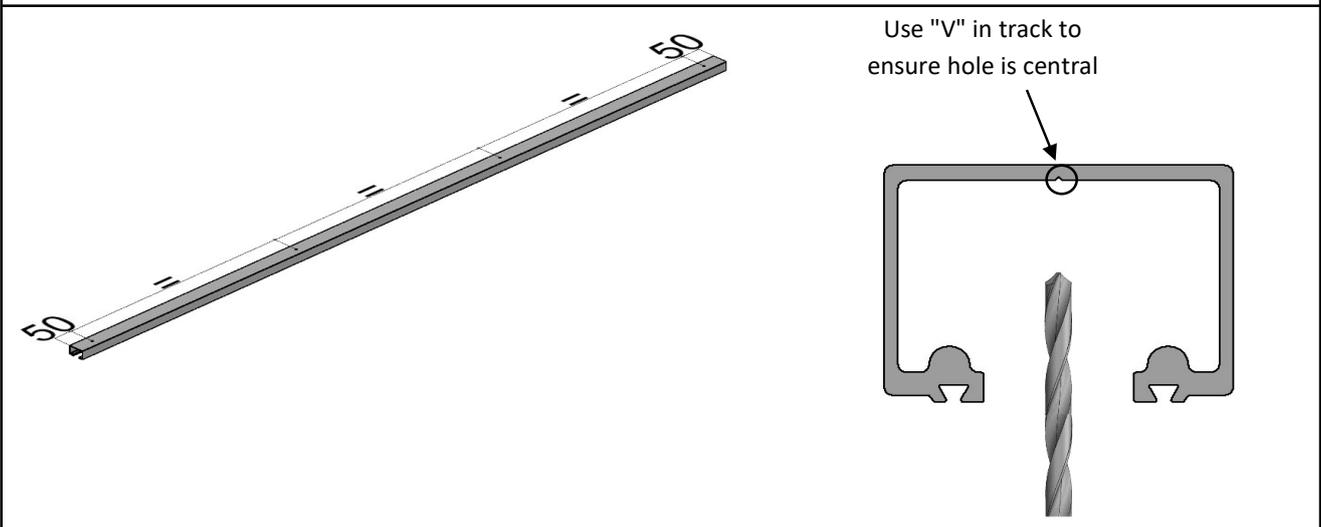
Doors open final position



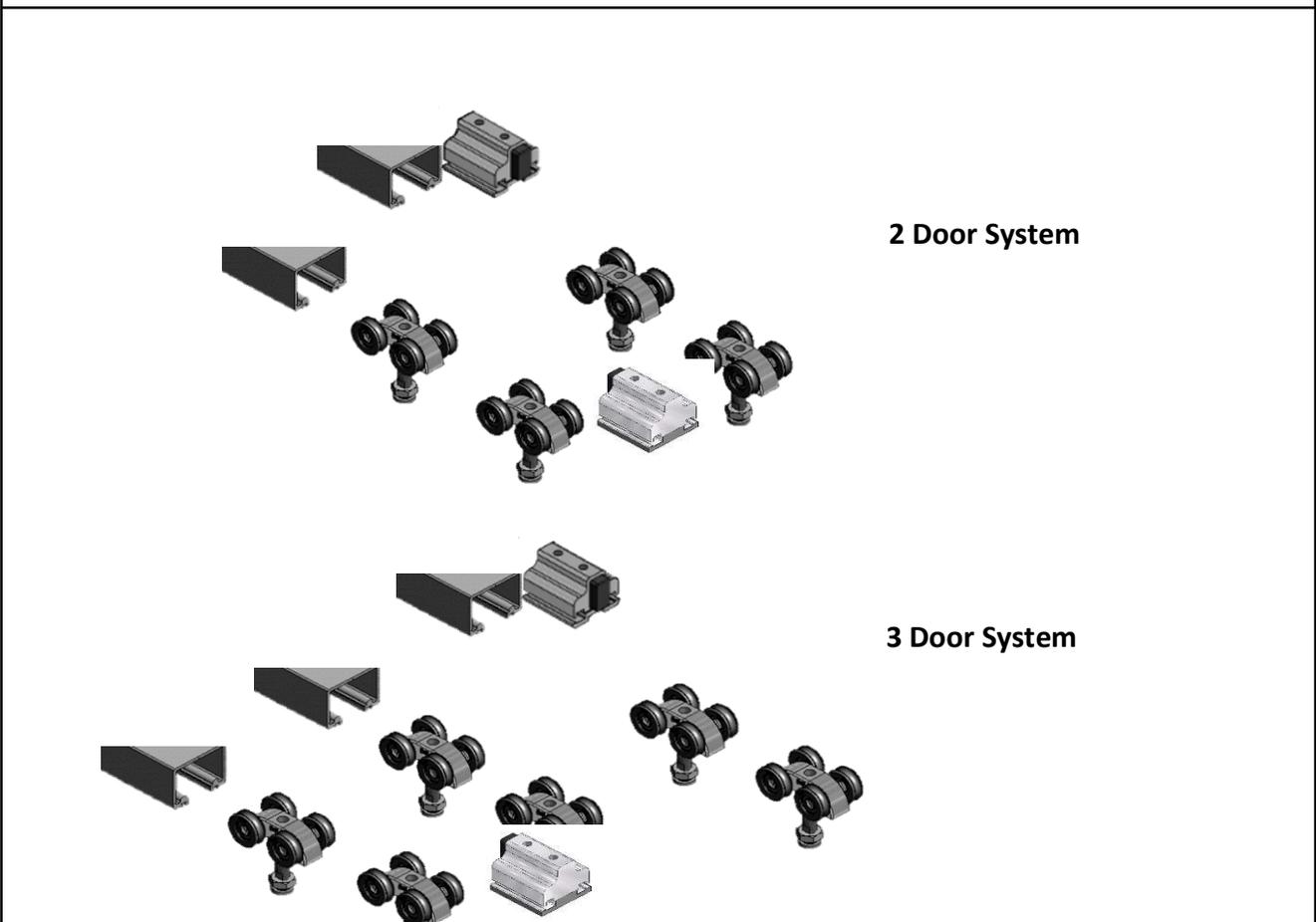
APP = (3 x DW) - 210  
 OL = PCH RECOMMEND 70mm  
 DW = (APP + 210) / 3

## STEP BY STEP INSTRUCTIONS

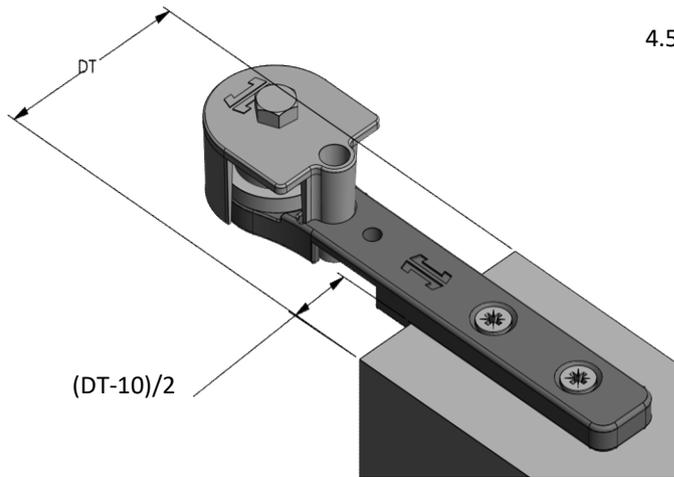
**STEP 1:** Cut tracks to the required length. Drill holes into each track (hole size depends on fixing method) and use "V" to ensure holes are central. Fix the tracks to the underside of the lintel, see page 2 for recommended track height and clearance.



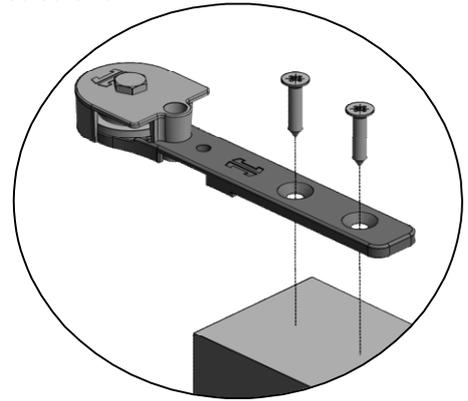
**STEP 2:** Insert stops and hangers into each track in the order shown



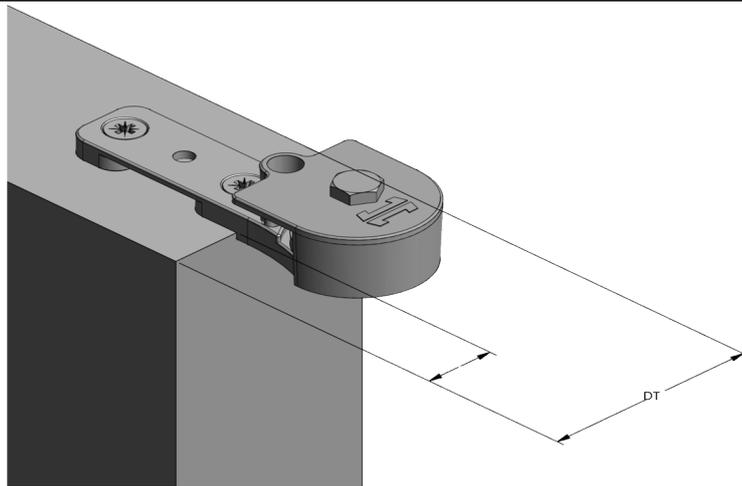
**STEP 3:** Attach long arm to follower door.



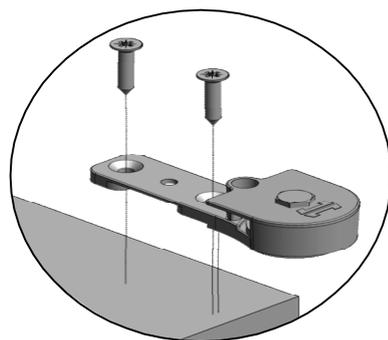
4.5 x 30 Wood Screws



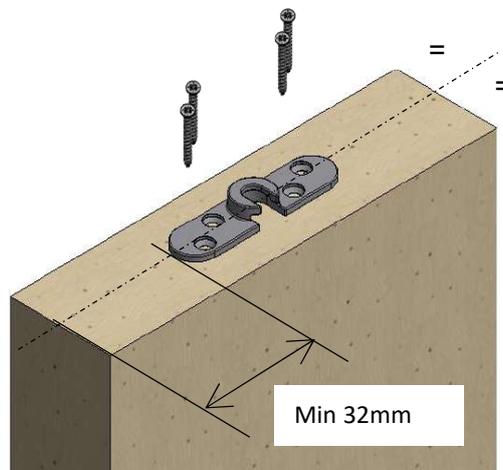
**STEP 4:** Attach short arm on following doors.



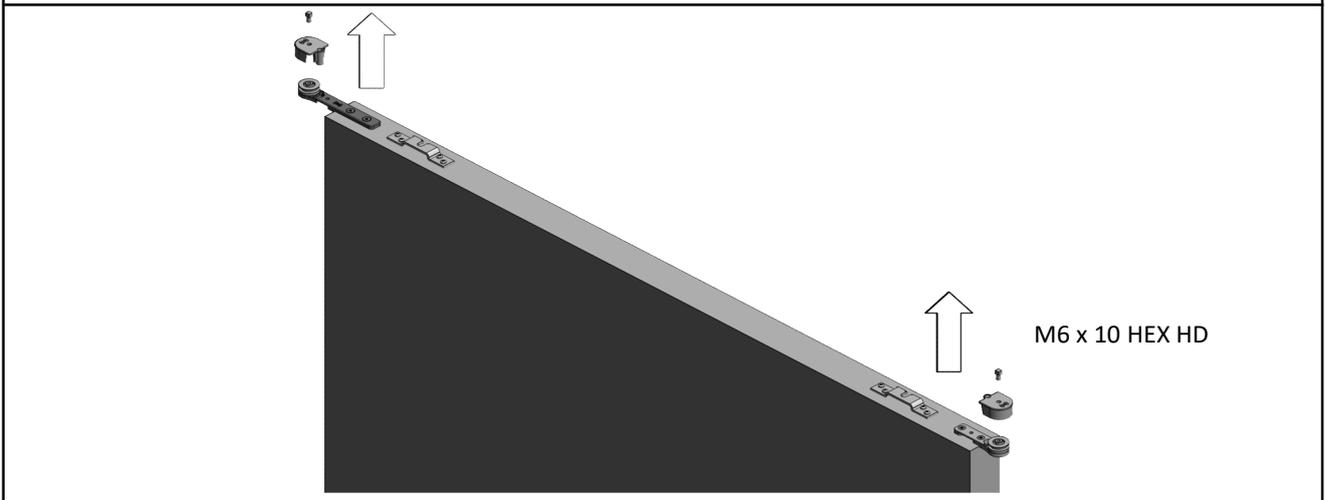
4.5 x 30 Wood Screws



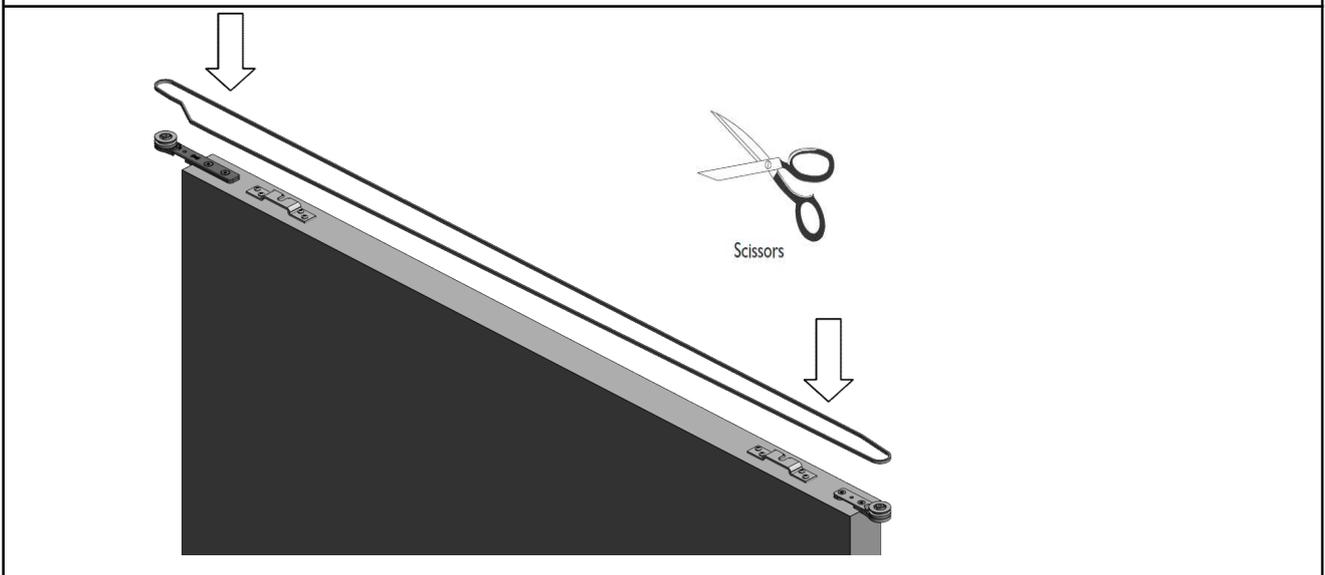
**STEP 5:** Fit apron plates (2 per door).



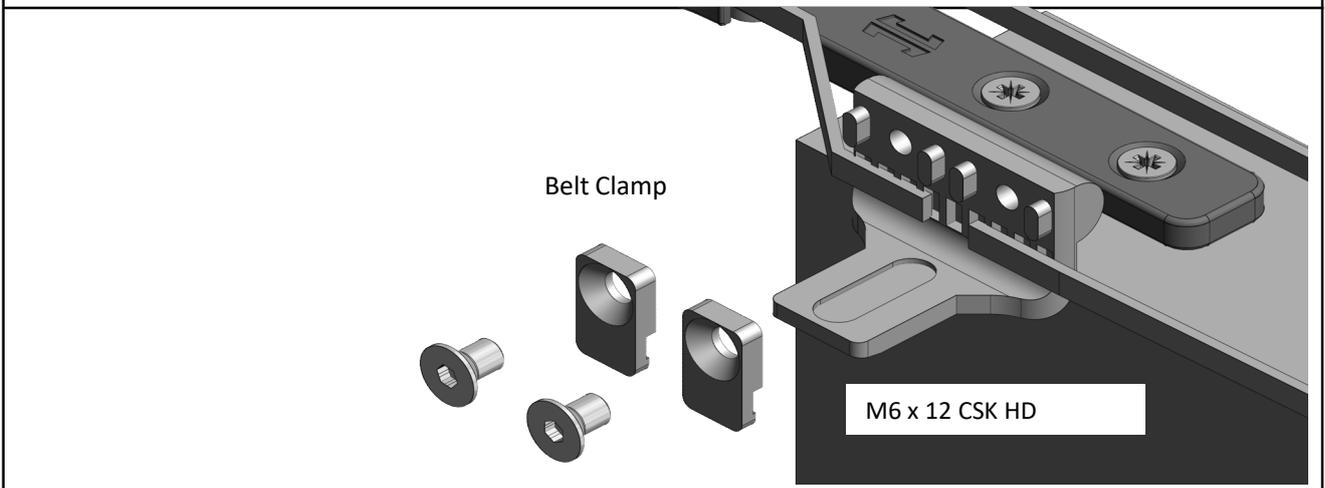
**STEP 6:** Remove bearing caps on follower doors.



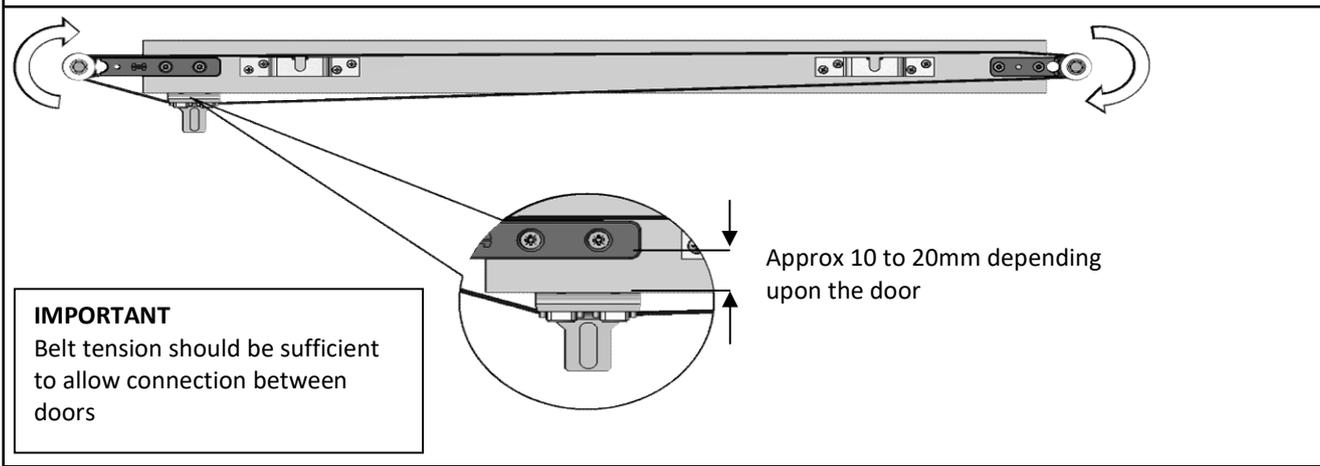
**STEP 7:** Loop belt around bearing wheels and cut belt to length on follower doors.



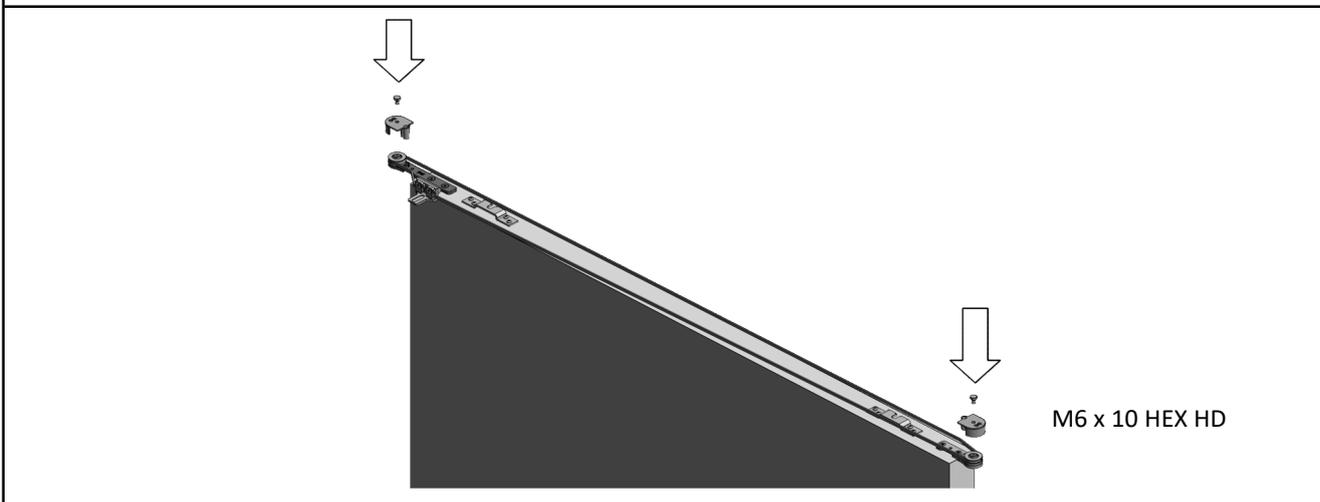
**STEP 8:** Attach both ends to belt joint bracket.



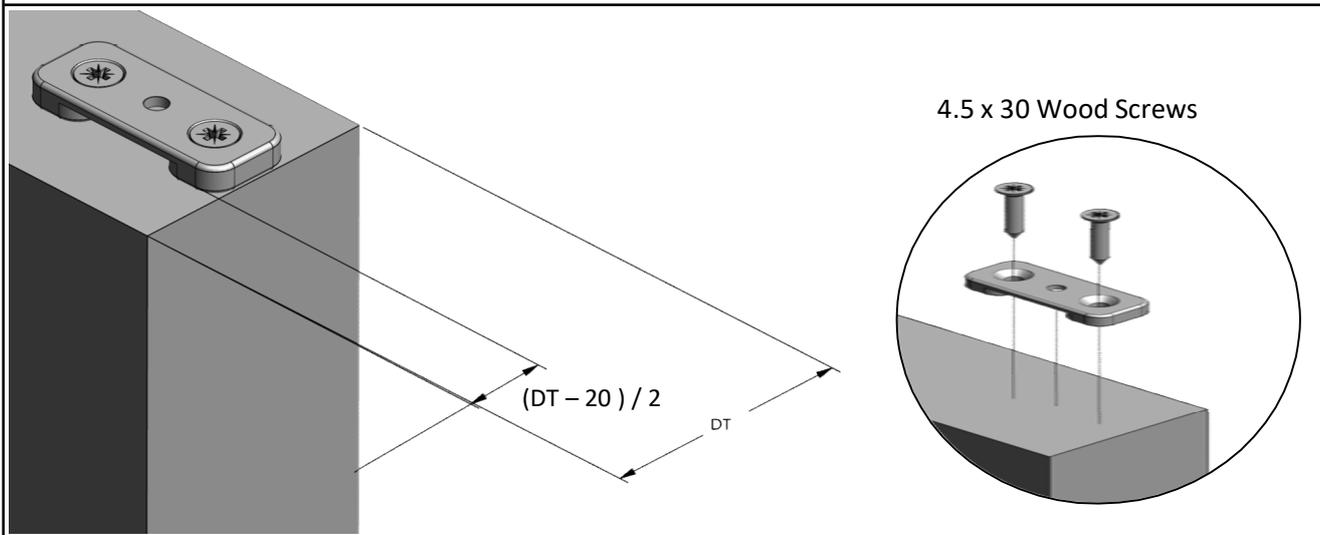
**STEP 9:** Clamp bracket should be free to traverse between bearings.



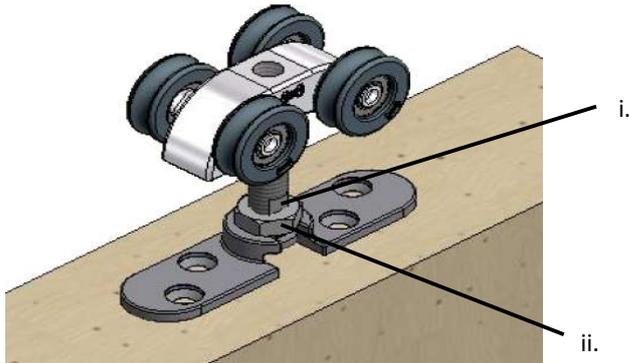
**STEP 10:** Reattach bearing caps.



**STEP 11:** Position retain block on lead doors.

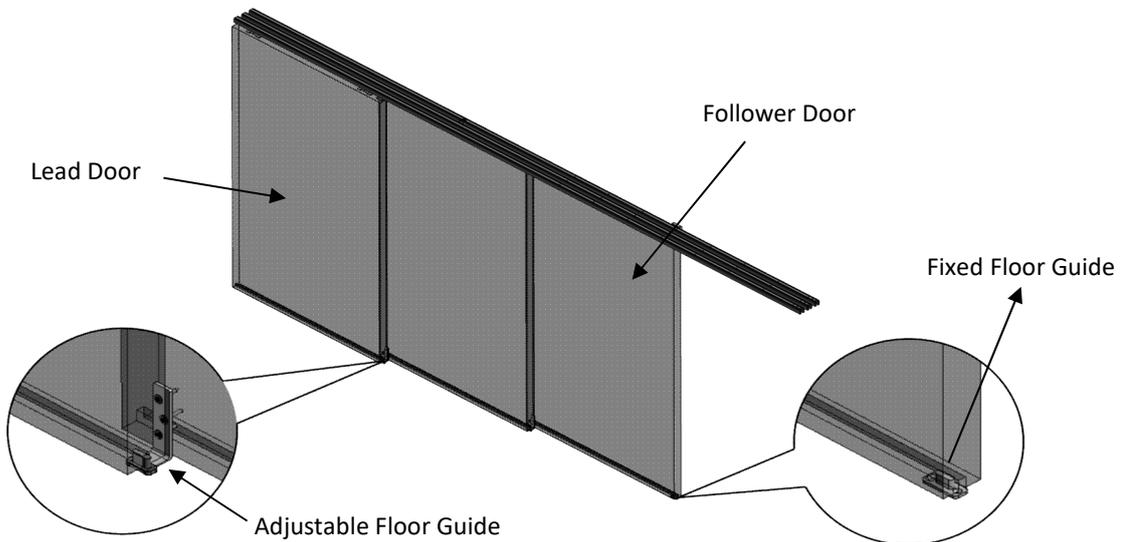


**STEP 12:** Hang the doors onto the track, set the height and tighten into position.

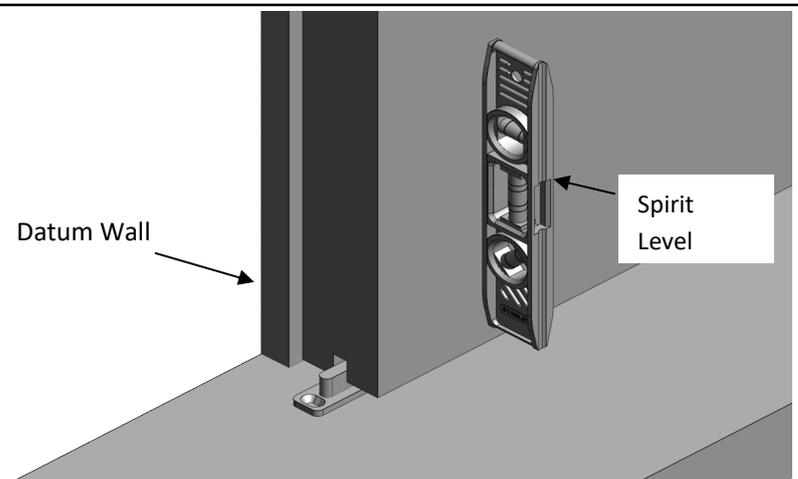


- i. Set door height by rotating strap bolt on flats
- ii. Once position set – tighten thin nut against apron plate

**STEP 13:** Floor guide overview.

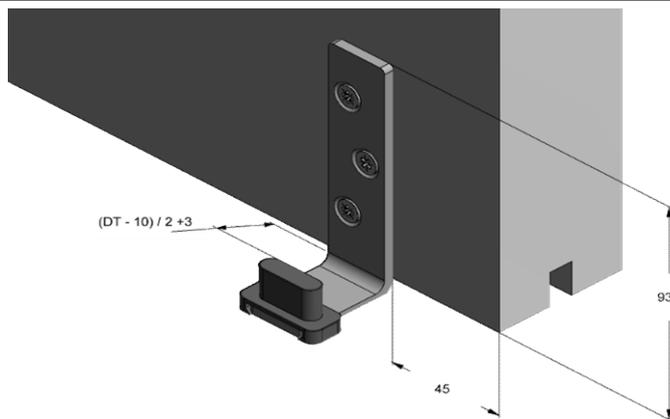
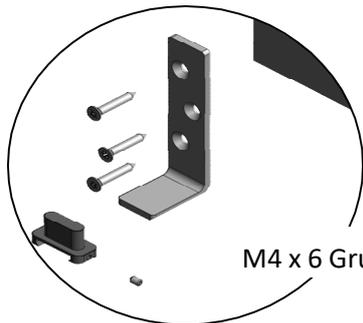


**STEP 14:** Align doors with spirit level to position fixed floor guide.

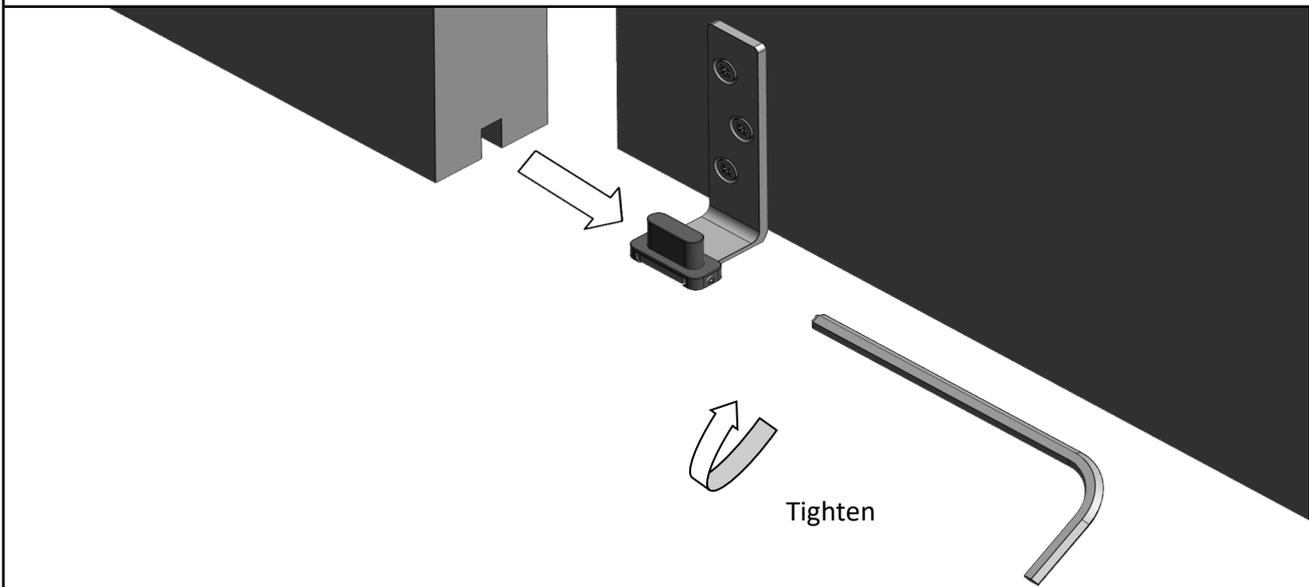


**STEP 15:** Position adjustable floor guide on follower door.

4.5 x 30 Wood Screws



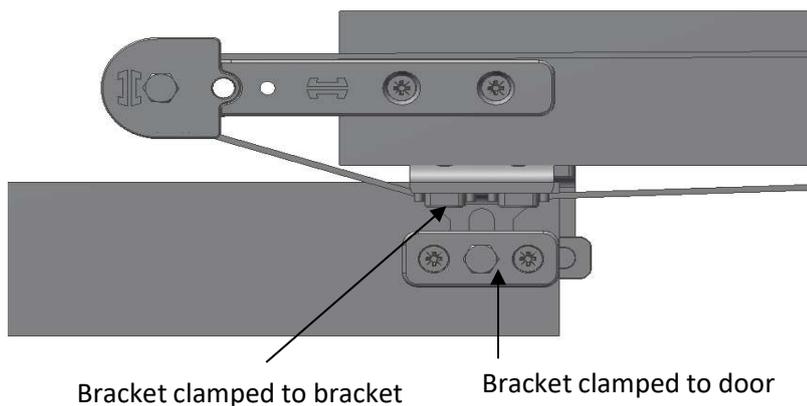
**STEP 16:** Ensure floor guide is correctly aligned.



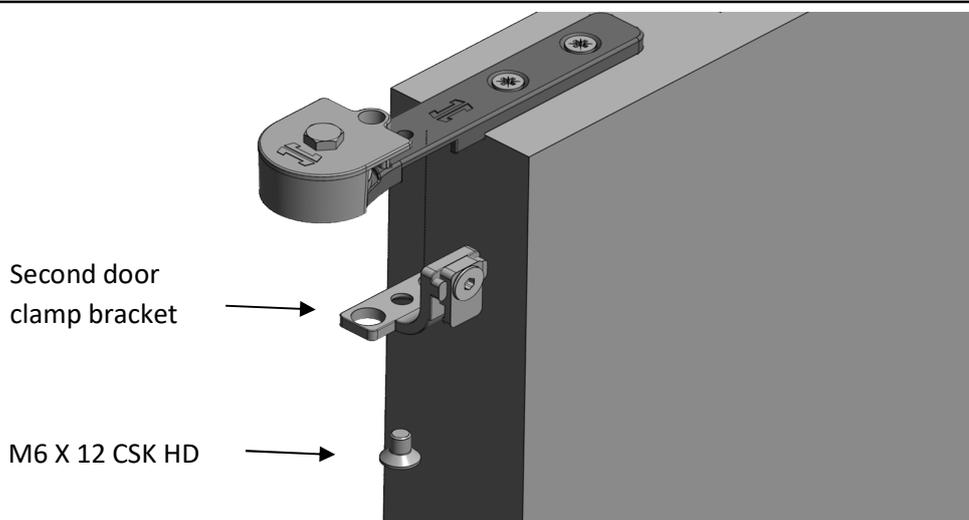
**STEP 17:** Connect doors.



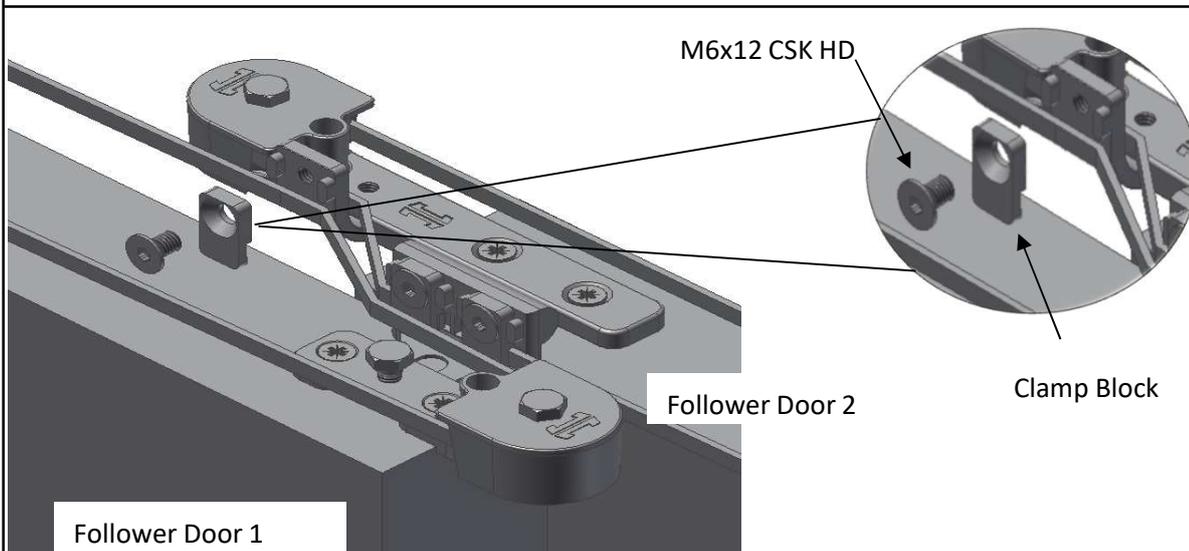
**STEP 18:** Two and three door belt overview.



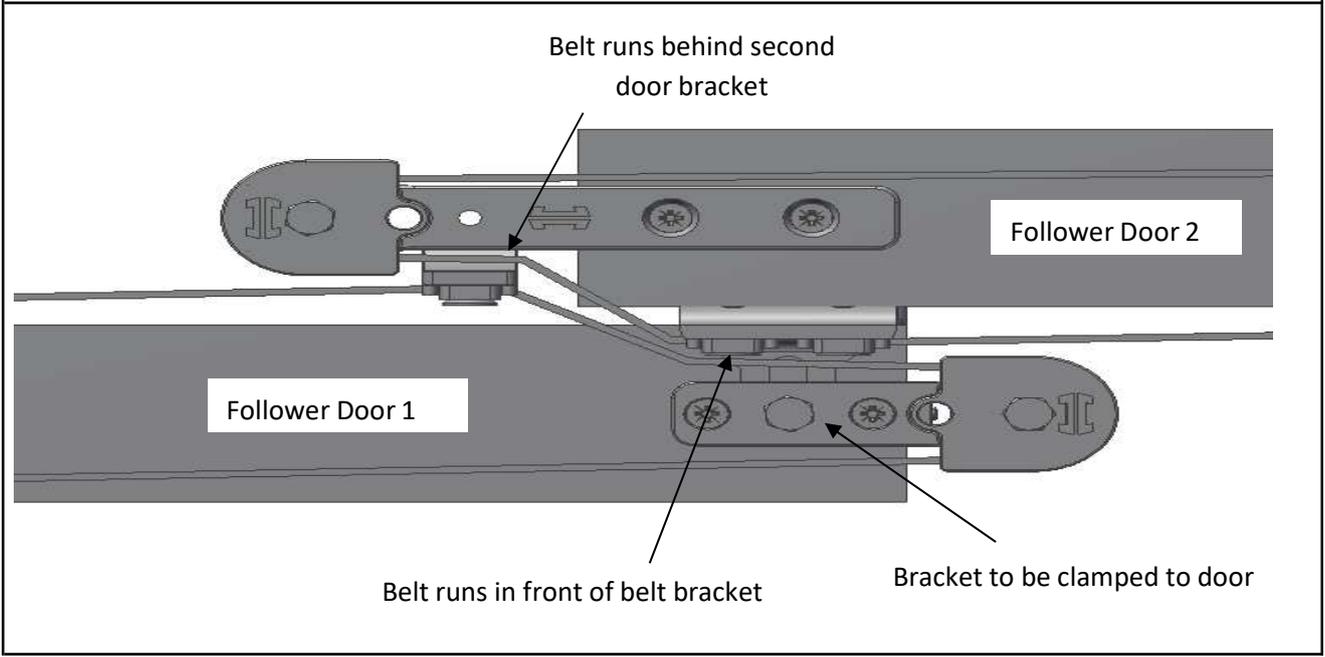
**STEP 19:** For two door systems, please skip to **step 22**. For three door systems, add second bracket.



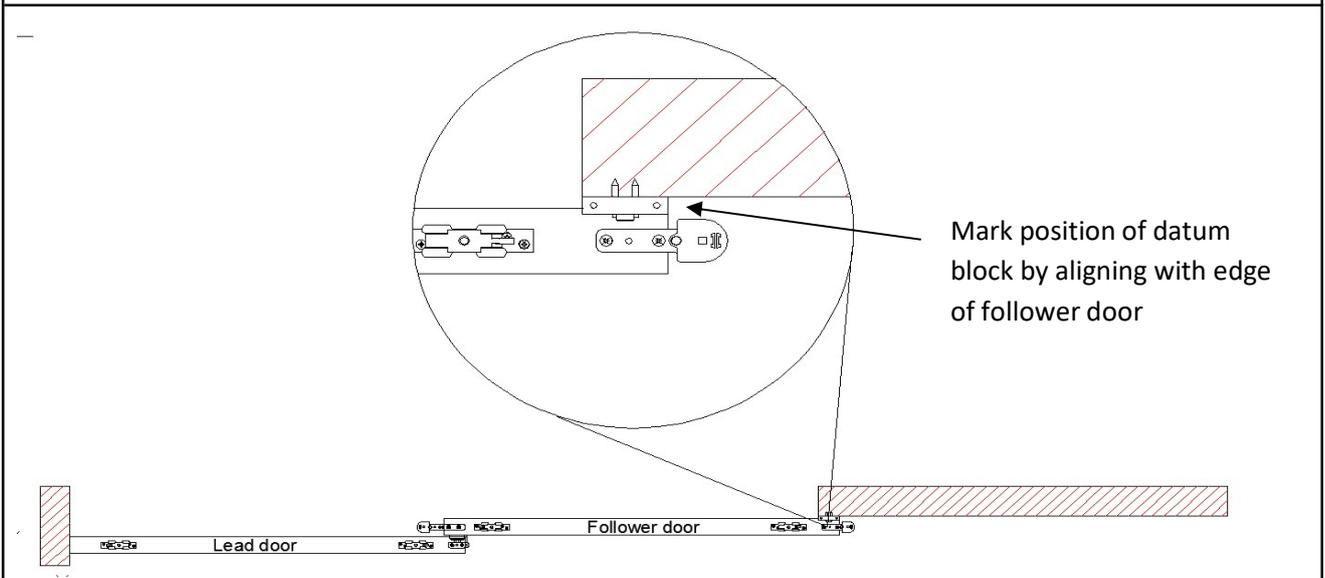
**STEP 20:** Connect doors.



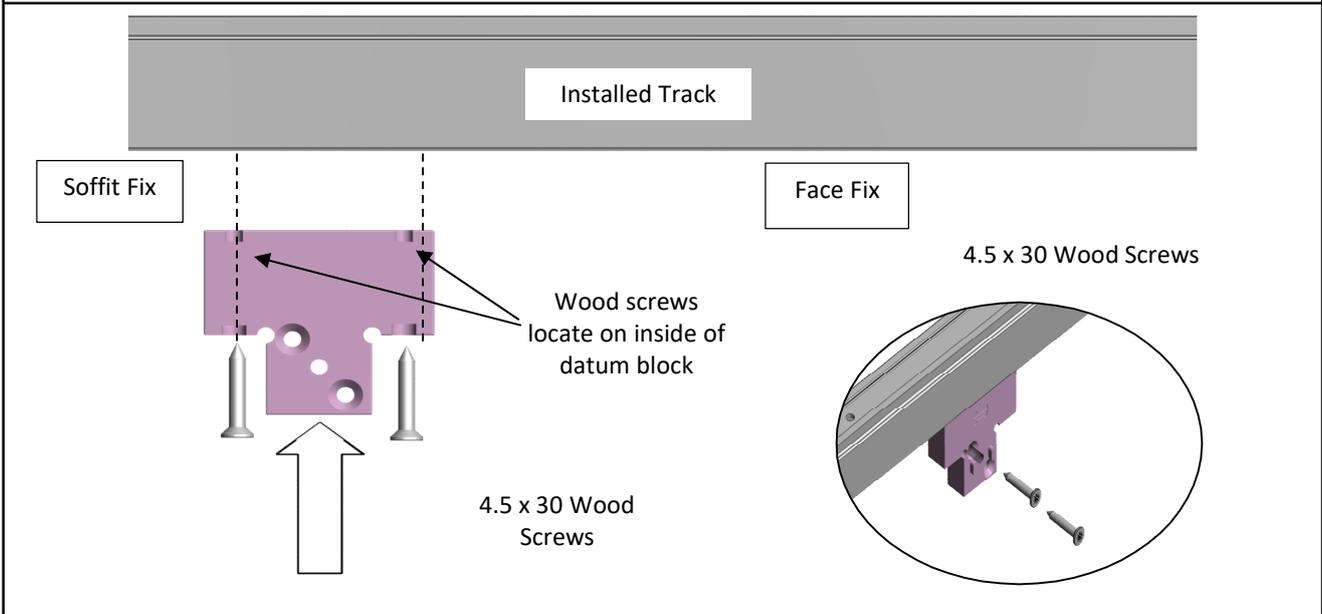
**STEP 21:** Three door belt connection overview.



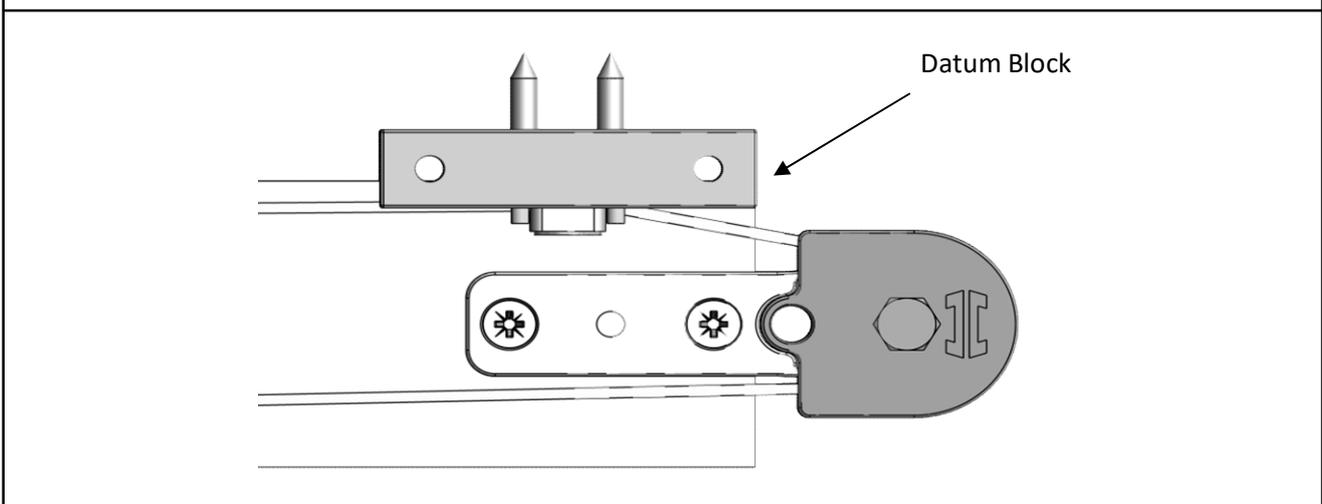
**STEP 22:** With doors in fully closed position, mark position for datum block.



**STEP 23:** Affix datum block - ensuring doors are able to fully traverse the track



**STEP 24:** Connect belt to datum block



**STEP 25:** Position track stops to ensure all panels are aligned in the fully open position

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