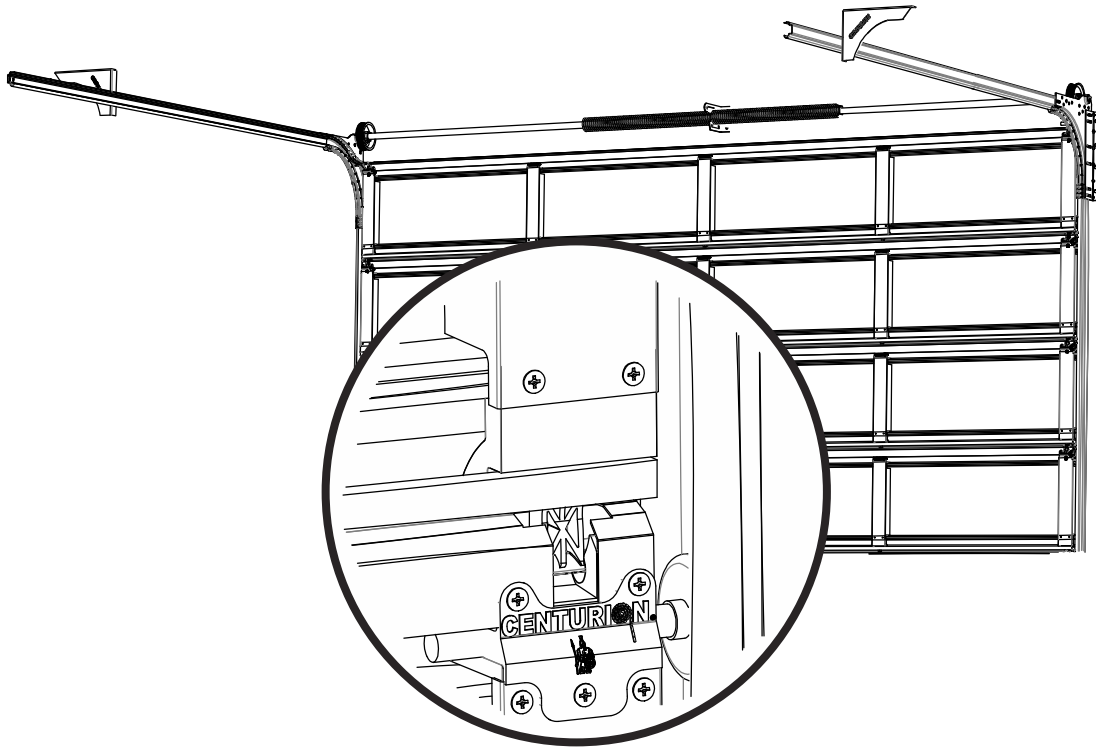




# **CENTURION** **GARAGE DOORS**®

**QLD, NSW, VIC**



## **QUICKFIT - STD**

### **Garage Door Installation Instructions**

Revision D - February 2018

This install is to only be carried out  
by a suitably trained industry professional

**[WWW.CGDOORS.COM.AU](http://WWW.CGDOORS.COM.AU)**



**HAZARD  
CONTROL**

# SAFETY CHECKLIST



**WARNING**



Failure to install this product according to manufacturer's recommendations may result in property damage or serious personal injury. Centurion Garage Doors will not be held responsible for personal injury or product defects if the door is not installed as instructed.

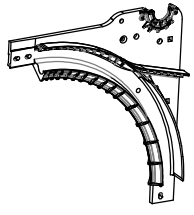
## **SAFETY CHECKLIST**

Do not install this product unless you have read and understood the following safety checklist. All items listed below must be checked and correctly implemented.

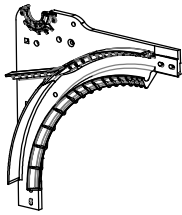
1. Prior to commencing work complete a formal risk assessment and tidy up the work site ensuring the work area is clear and safe
2. Apply correct lifting technique. Do not twist when lifting heavy loads. Bend knees and ensure back is kept straight
3. Ensure all all people are kept clear of installers work area with appropriate signage
4. Wear appropriate PPE (boots, safety glasses, ear plugs, gloves etc)
5. Keep hands clear of all sharp edges and potential pinch points
6. Ensure that flammable liquids or materials are removed from the area of work
7. While working at heights ensure a ladder is used correctly and checked before usage. Do not stand on top rung
8. Ensure all electrical connections are kept clear from liquids/moisture. Cords must be kept away from oil, heat and sharp edges
9. Ensure door is correctly secured when applying tension
10. Door must always be in closed position when adjusting tension
11. Ensure that your body and face are to the side of tensioning bars when applying tension
12. Only standard spring torsion winding bars are to be used for applying tension. No substitute tools (screwdrivers, pipe, etc) to be used.

# Parts List

## Core Components



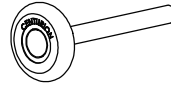
1x Radius Curve LH  
SECACCQFRBSHRL



1x Radius Curve RH  
SECACCQFRBSHRR



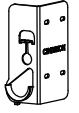
6x Roller Retainer  
SECACCROLLRET



10x 49mm Roller



1x Bearing  
SECACCANCHBEAR



1x Bottom Bracket  
LHS



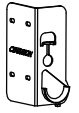
15x Snap T-Hinge  
SECACCTHINGESNAP



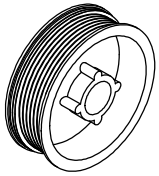
4x Roller Spacer  
SECACCROLLERSPACER



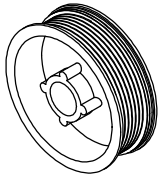
2x Safety Stop



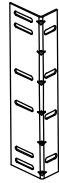
1x Bottom Bracket  
RHS



1x Cable Drum LH  
SECACCDRUM8L



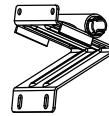
1x Cable Drum RH  
SECACCDRUM8R



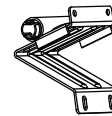
2x Flag Bracket  
SECACCQFFLAG



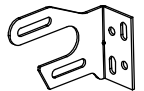
2x Extended Bearing  
SECACCRADIUSBEARING



1x Top Bracket LH  
SECACCQFSHRTOP1



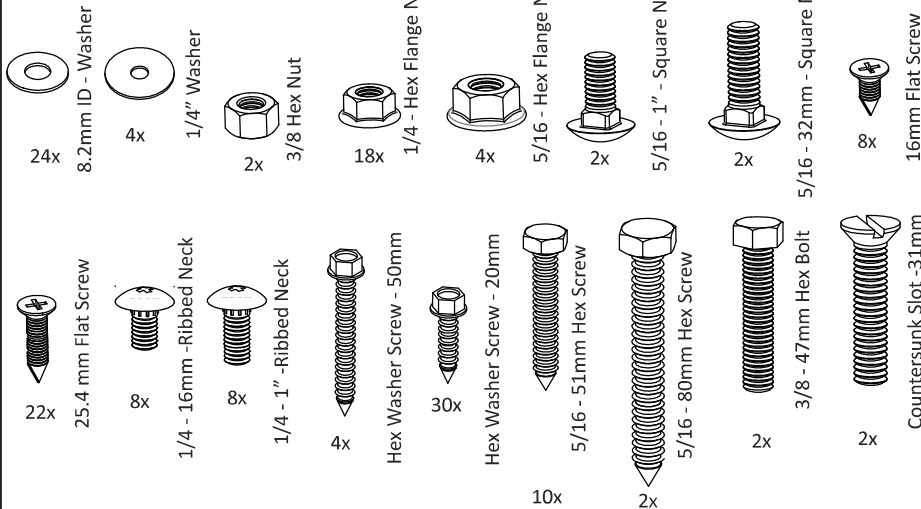
1x Top Bracket RH  
SECACCQFSHRTOP1



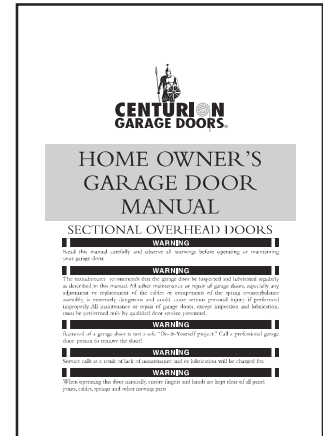
1x Bearing Bracket  
SECACCANCHORQLDG4

Quantities shown are for a 4 Panel, single end stile door, Quantities may vary

## Fasteners

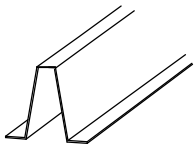


## Additional Components

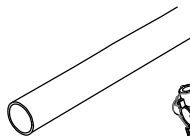


1x Garage Door Manual

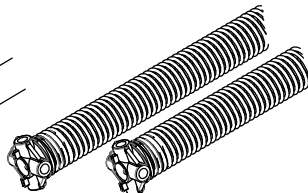
## Large Components



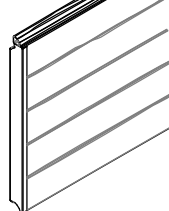
Wind Struts  
(Large Doors Only)



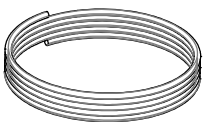
1x Spring Pole



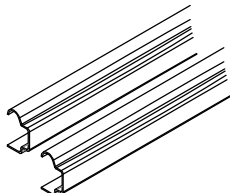
Springs



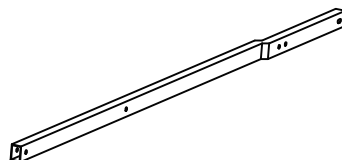
Door Panels



1x Pair Cables

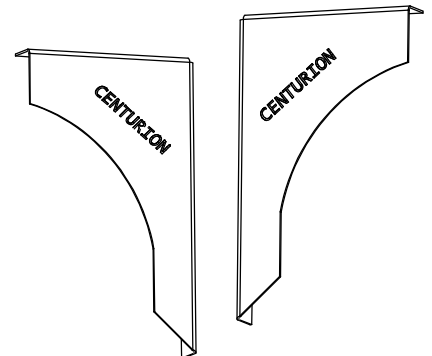


2x Vertical Track  
2x Horizontal Track



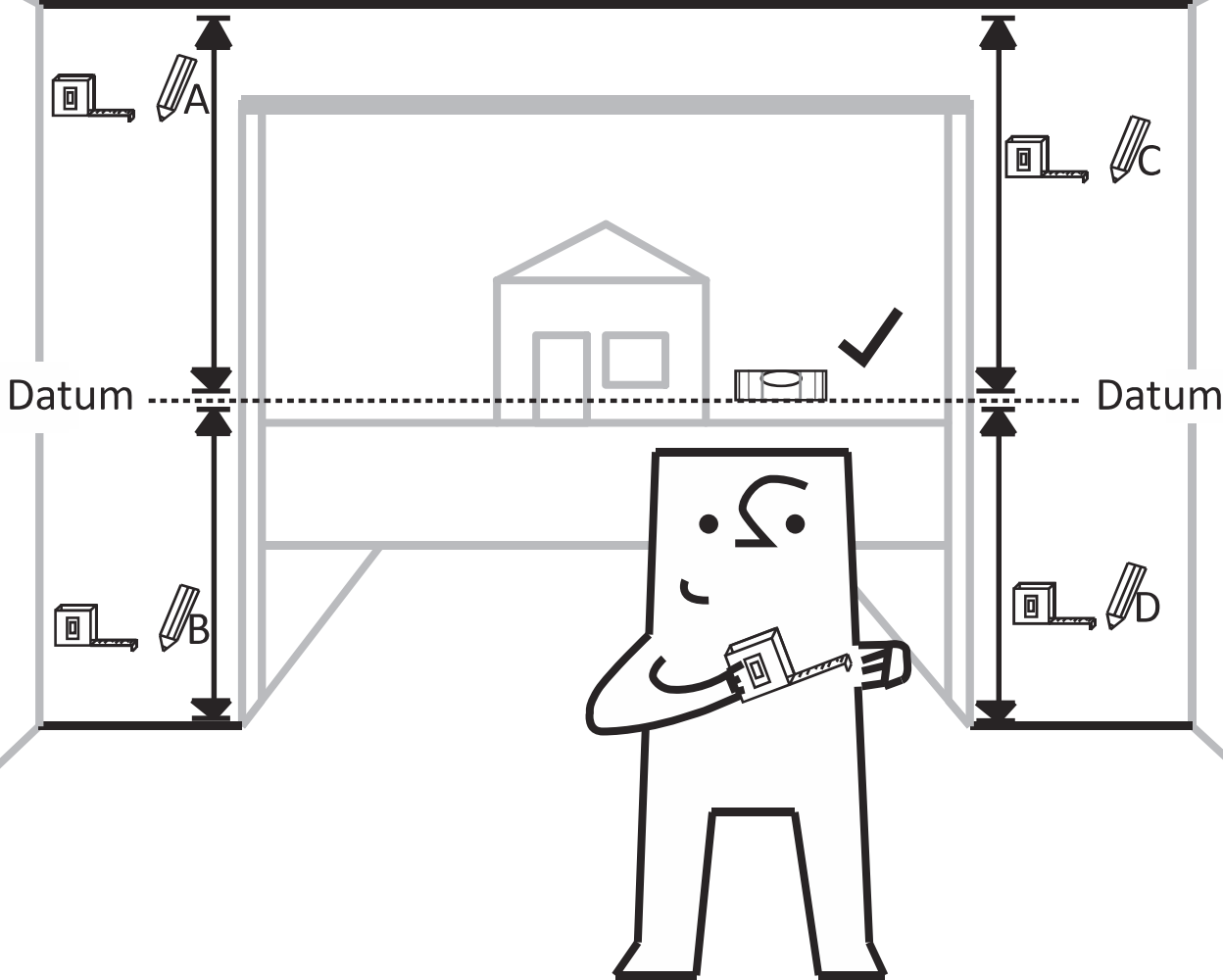
2x Track Reinforcement Bar

## Optional Components, as required



Hanger Bracket LHS  
Hanger Bracket RHS

**STEP 1** Establish Horizontal Datum and Measure Opening



**Record Measurements**

LHS

Floor to Datum = ..... B ..... mm

Datum to Ceiling = ..... A ..... mm

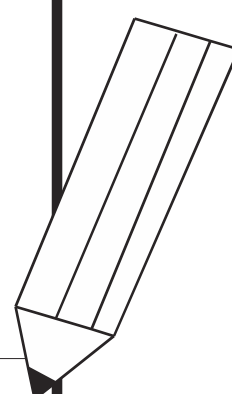
Floor to Datum + Datum to Ceiling = ..... A + B ..... mm

RHS

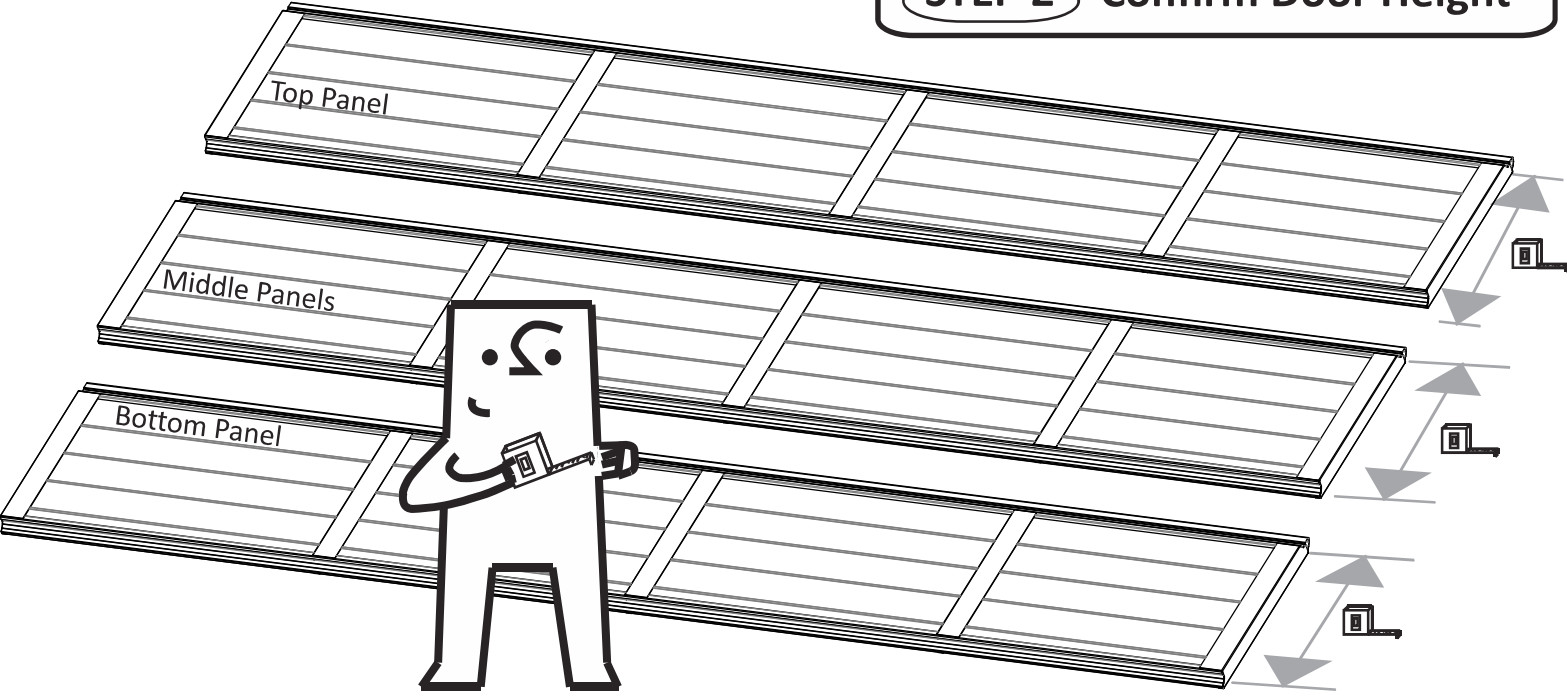
Floor to Datum = ..... D ..... mm

Datum to Ceiling = ..... C ..... mm

Floor to Datum + Datum to Ceiling = ..... C + D ..... mm

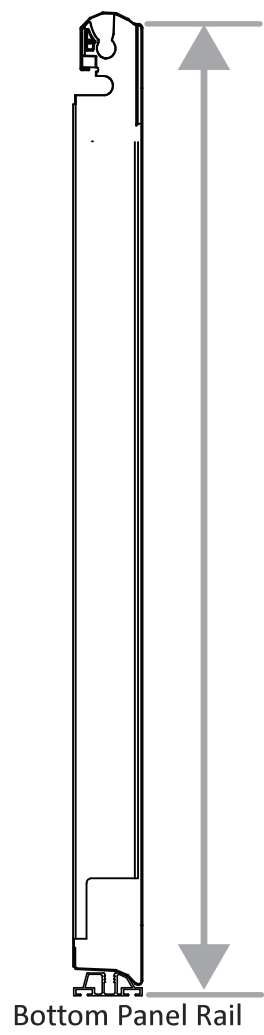



**STEP 2** Confirm Door Height

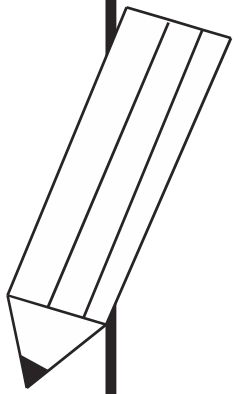


 Measure Each Panel to determine Actual Door Height

Record Measurements



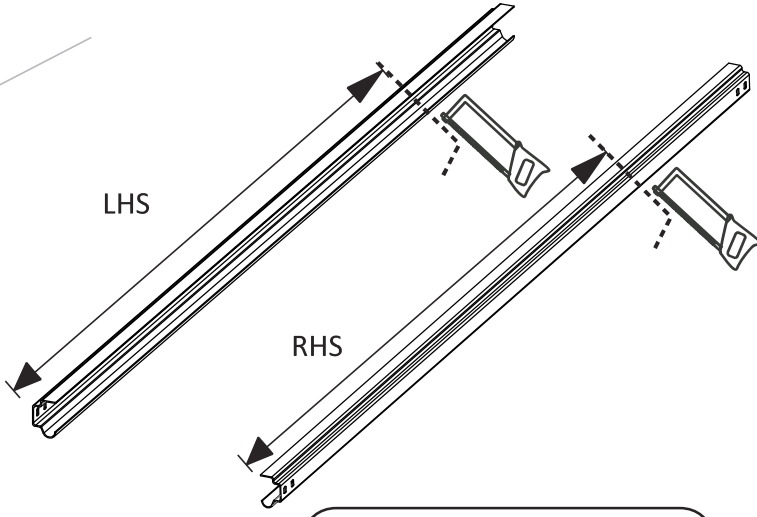
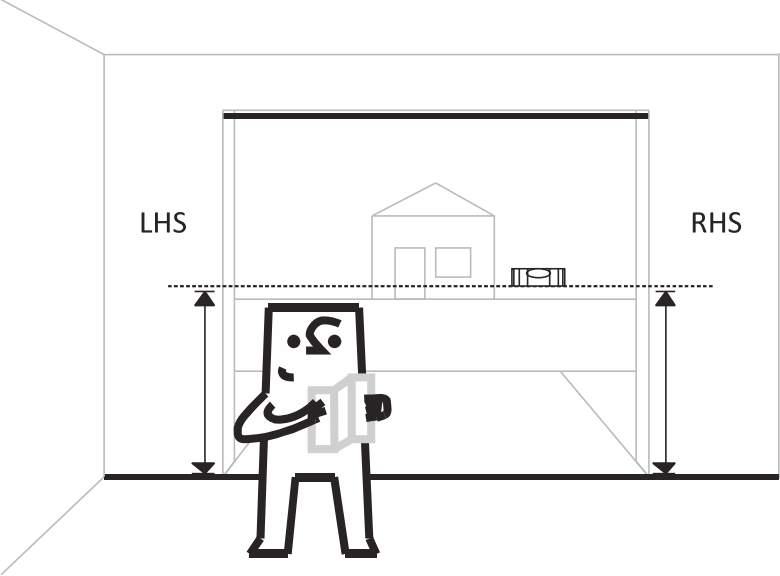
True Door Height = ..... 1st Panel .....  
+ ..... 2nd Panel .....  
+ ..... 3rd Panel .....  
+ ..... 4th Panel .....  
+ ..... 5th Panel .....  
+ ..... 6th Panel .....  
+ ..... Bottom Panel Rail .....  
= ..... Total  ..... mm



 Bottom Panel Rail contributes to True Door Height

**STEP 3** Confirm Track Length

**Floor and head are level**

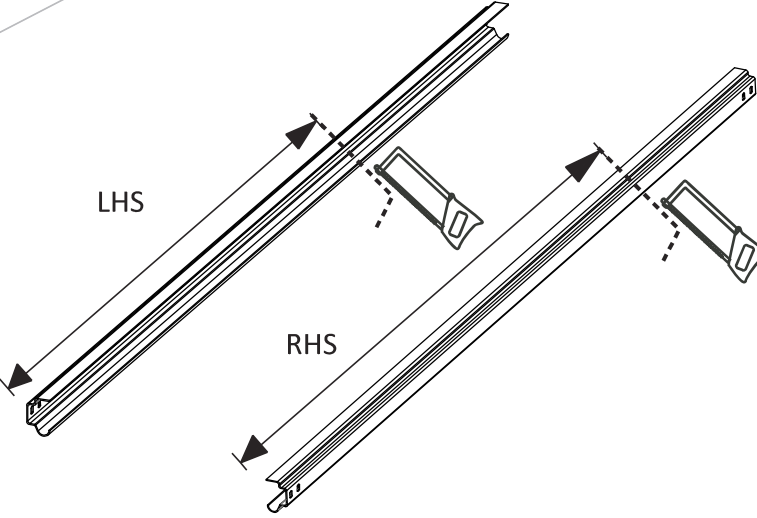
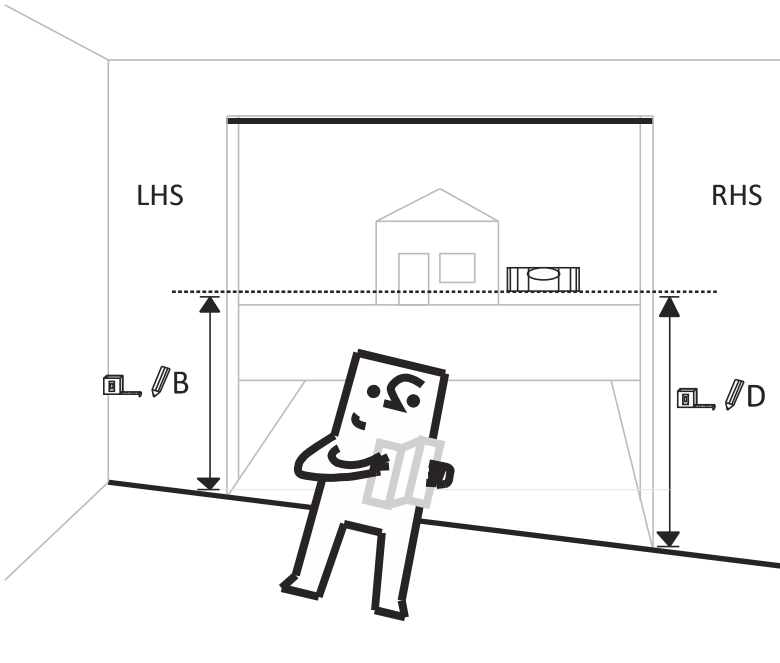


**!** CUT SQUARE TO TRACK  
REMOVE BURR



**Cut Length**  
 LHS = True Door Height - (160 to 195) mm = ..... mm  
 RHS = True Door Height - (160 to 195) mm = ..... mm

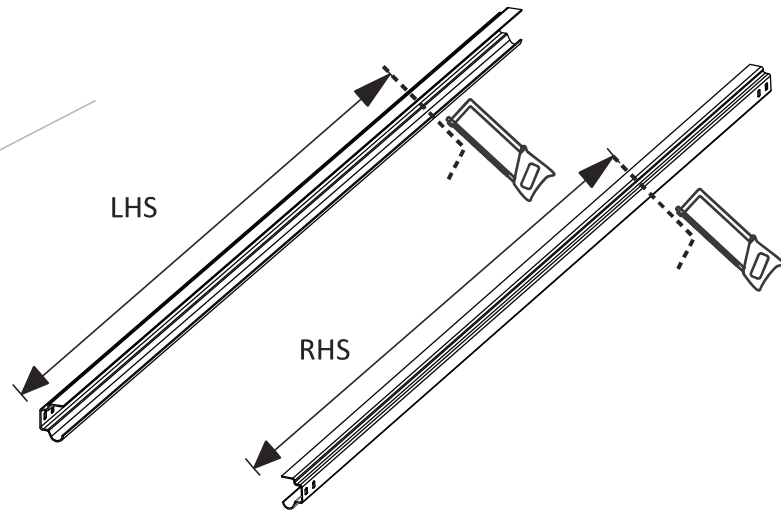
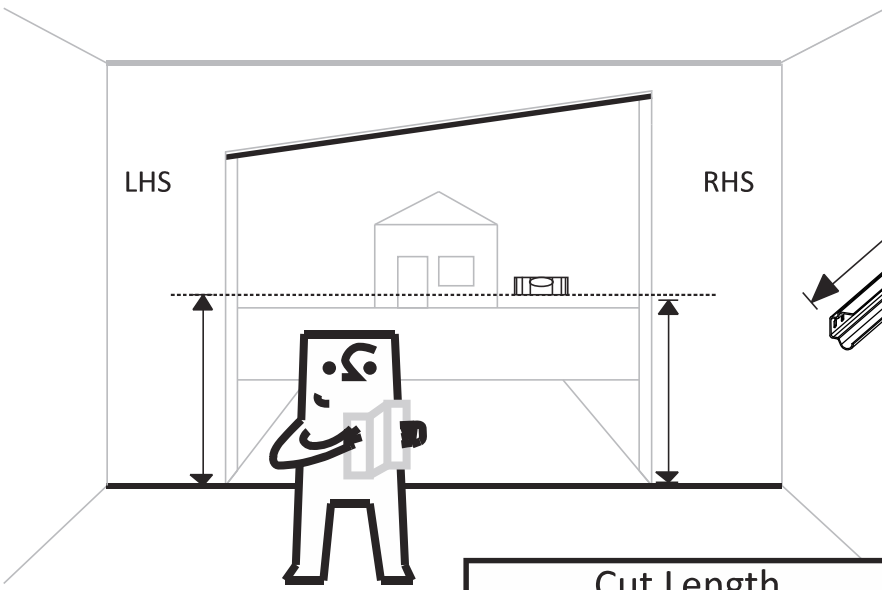
**Head is level, but the floor is out of level**



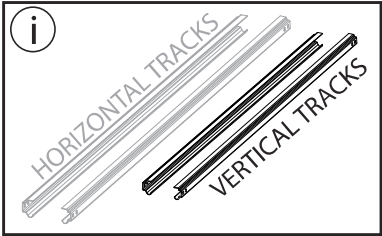
**!** CUT SQUARE TO TRACK  
REMOVE BURR

**Cut Length**  
 LHS = True Door Height - (160 - 195) mm = ..... mm  
 RHS = True Door Height - (160 to 195) mm + (.....D..... - .....B.....) = ..... mm

**Floor is level, but the head is out of level**

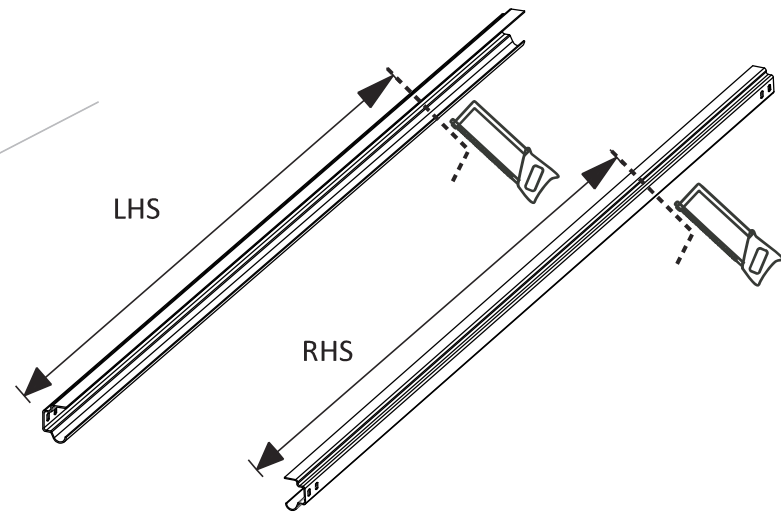
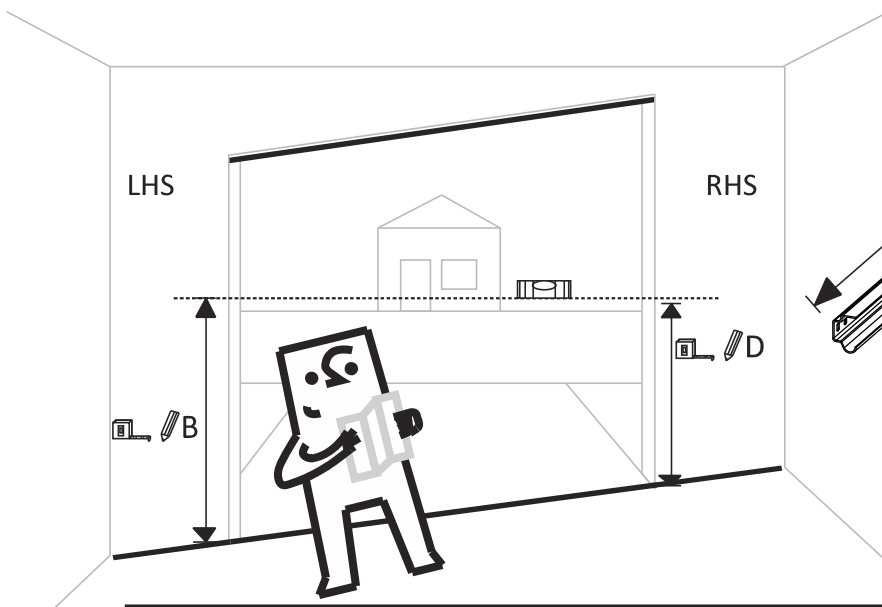


**!** CUT SQUARE TO TRACK  
REMOVE BURR



**Cut Length**  
 LHS = True Door Height - (160 to 195) mm = ..... mm  
 RHS = True Door Height - (160 to 195) mm = ..... mm

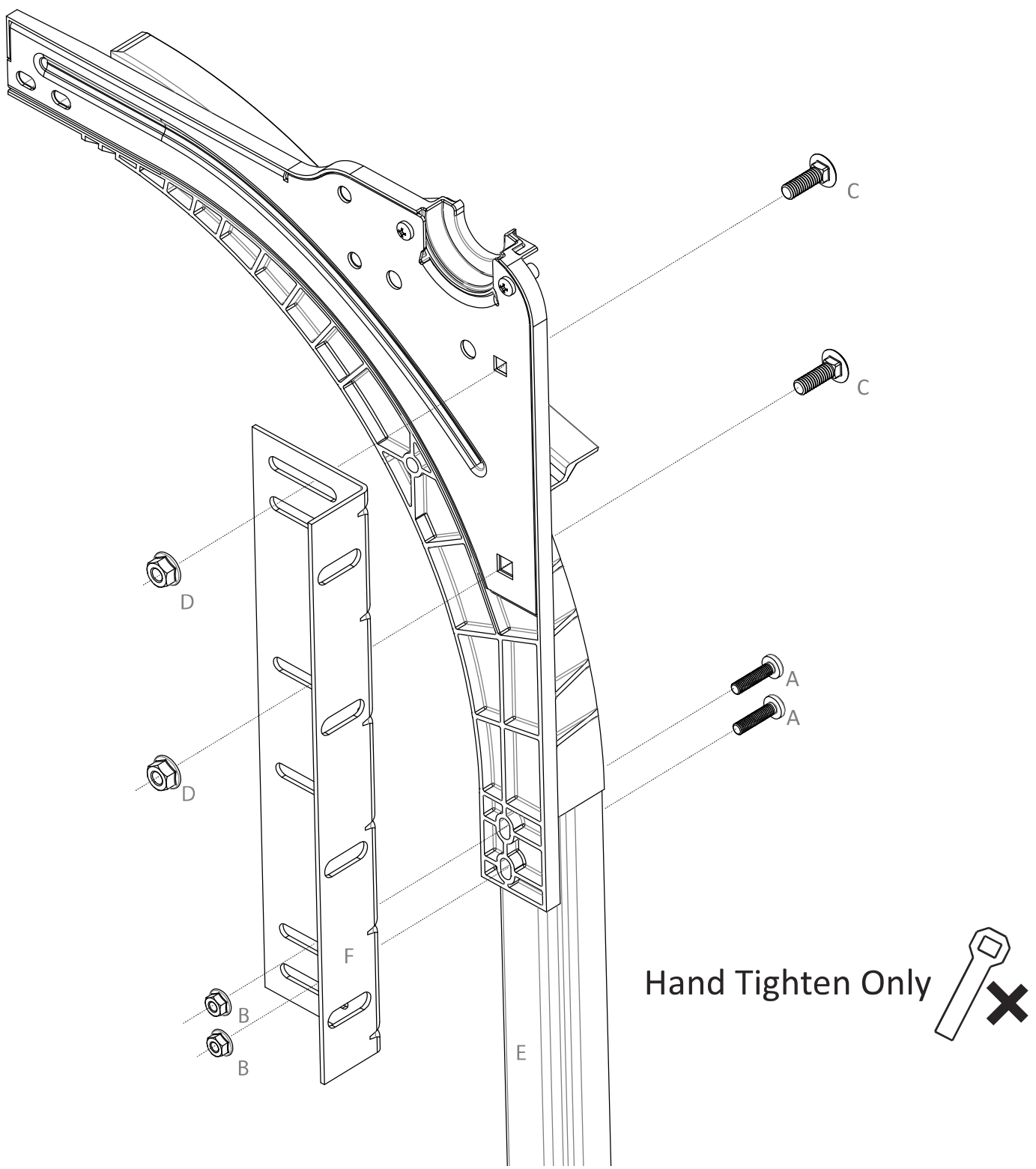
**Both the floor and the head is out of level**



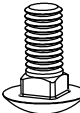


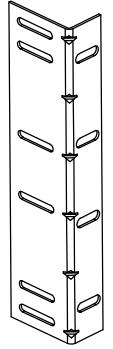


**!** CUT SQUARE TO TRACK  
REMOVE BURR

**Cut Length**  
 LHS = True Door Height - (160 to 195) mm = ..... mm  
 RHS = True Door Height - (160 to 195) mm + (.....**B**..... - .....**D**.....) = ..... mm

**STEP 4 Assemble Radius Curve, Flag Bracket and Vertical Track**



- 2x A 
- 1/4 - 1" - Ribbed Neck
- 2x B 
- 1/4 - Hex Flange Nut
- 2x C 
- 5/16 - 25.4L
- 2x D 
- 5/16 - Hex Flange Nut
- 1x E 
- Vertical Track
- 1x F 
- Flag Bracket

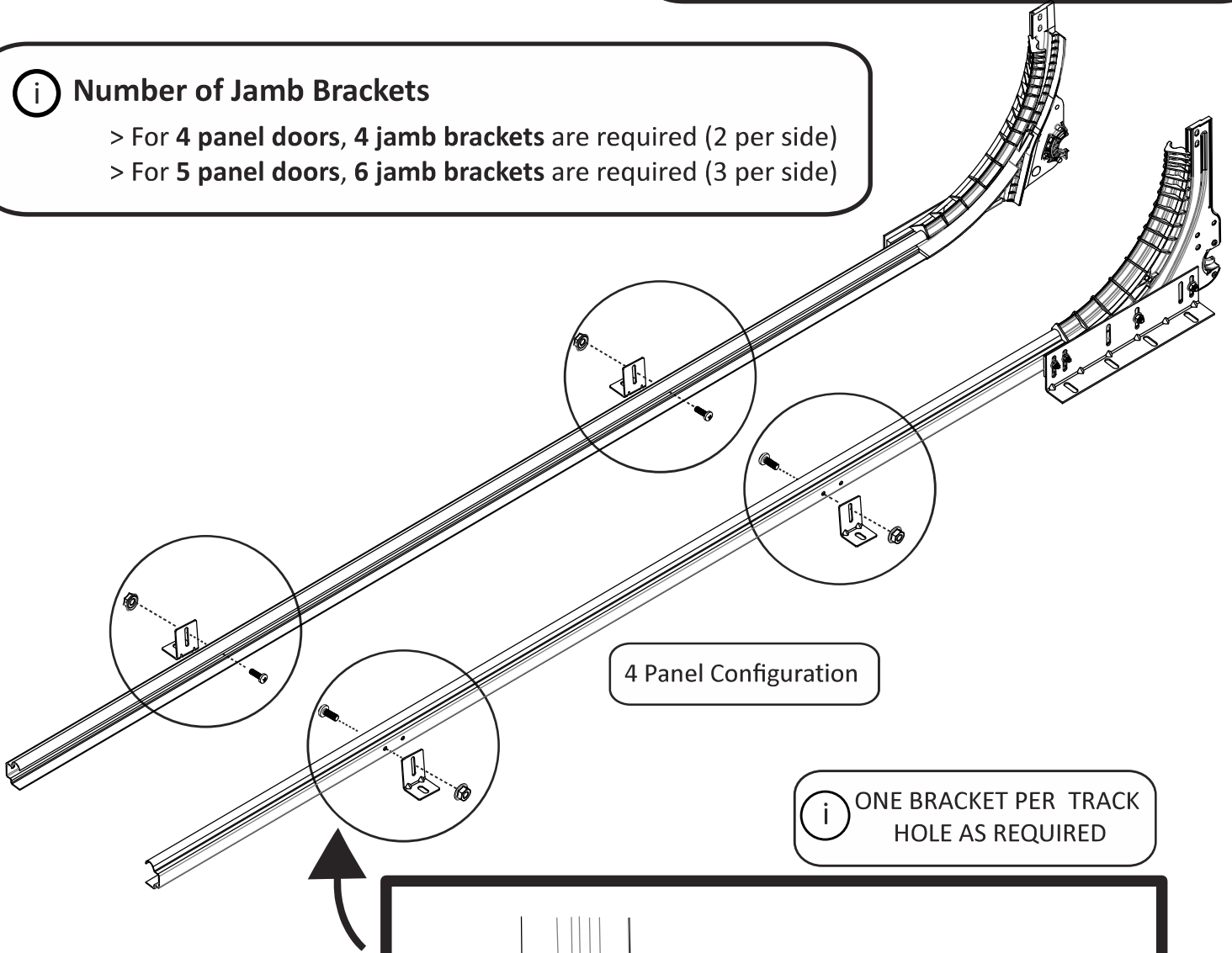
1x LHS, 1x RHS



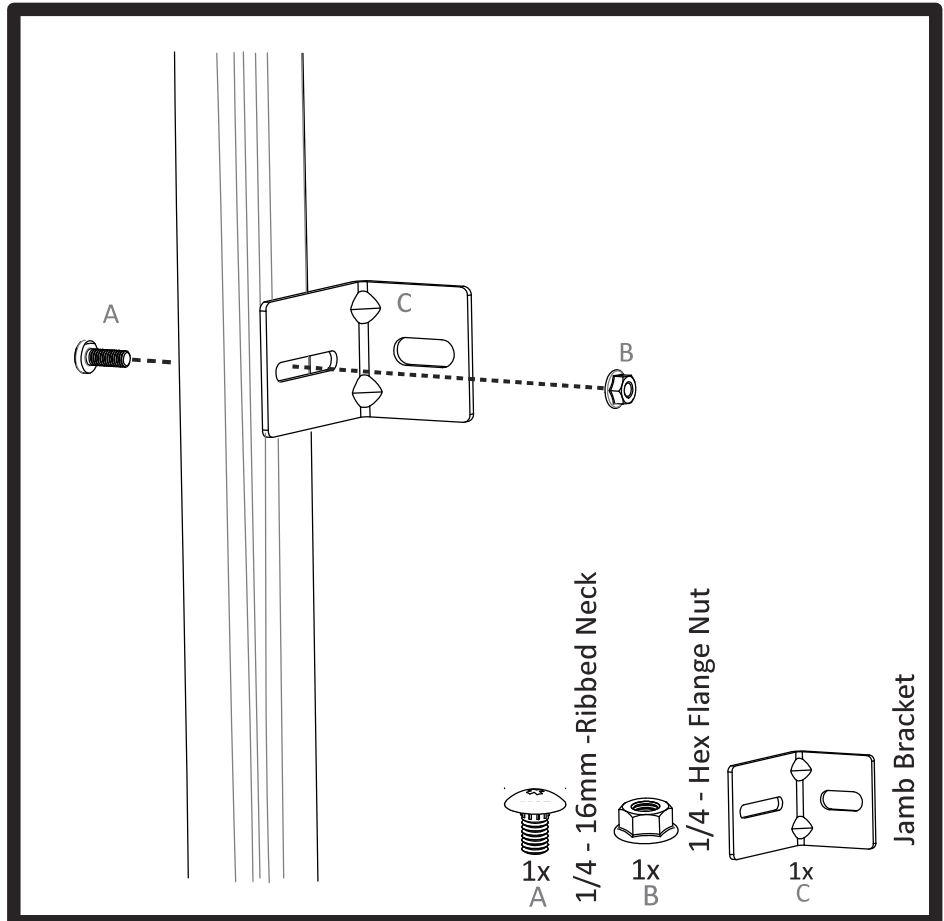
## STEP 5 Jamb Bracket Fitment

### i Number of Jamb Brackets

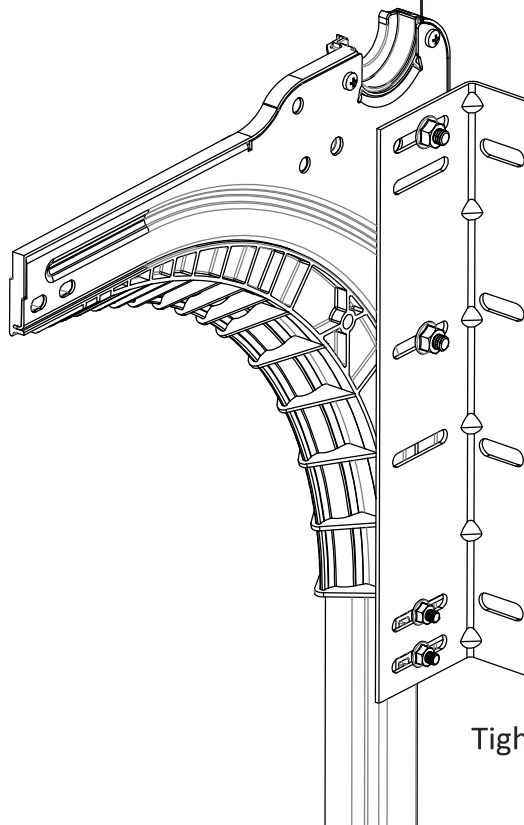
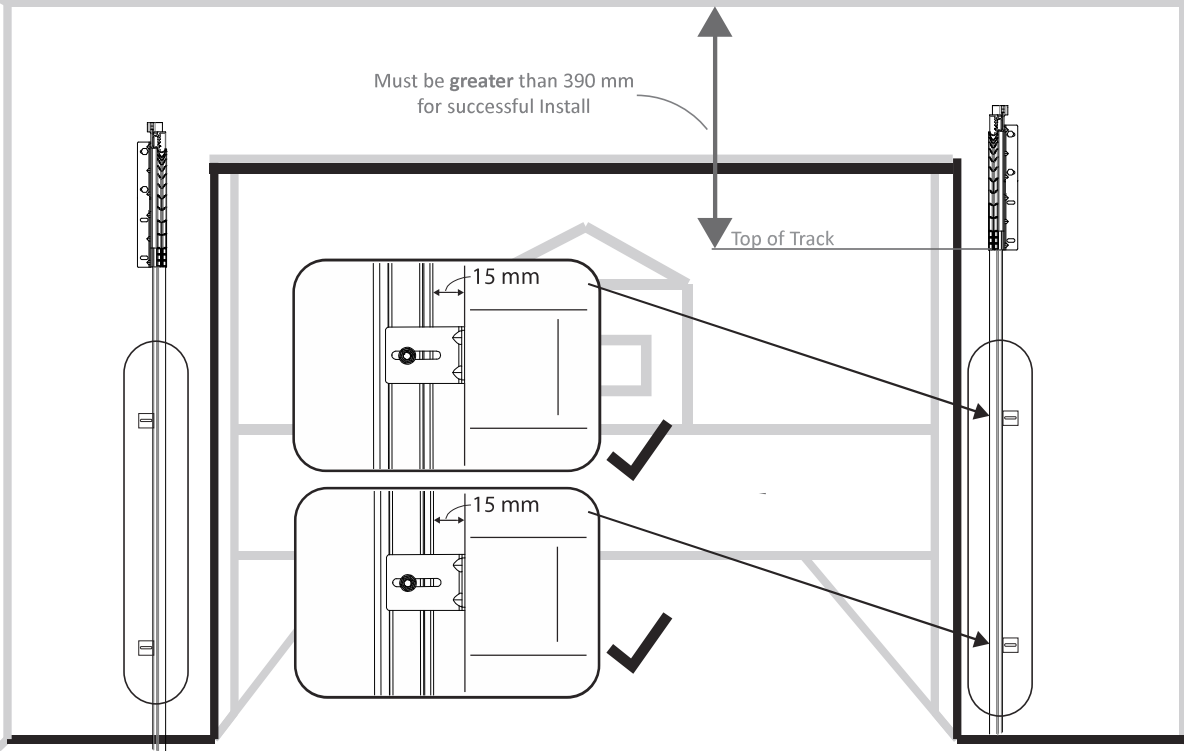
- > For 4 panel doors, 4 jamb brackets are required (2 per side)
- > For 5 panel doors, 6 jamb brackets are required (3 per side)



i ONE BRACKET PER TRACK HOLE AS REQUIRED

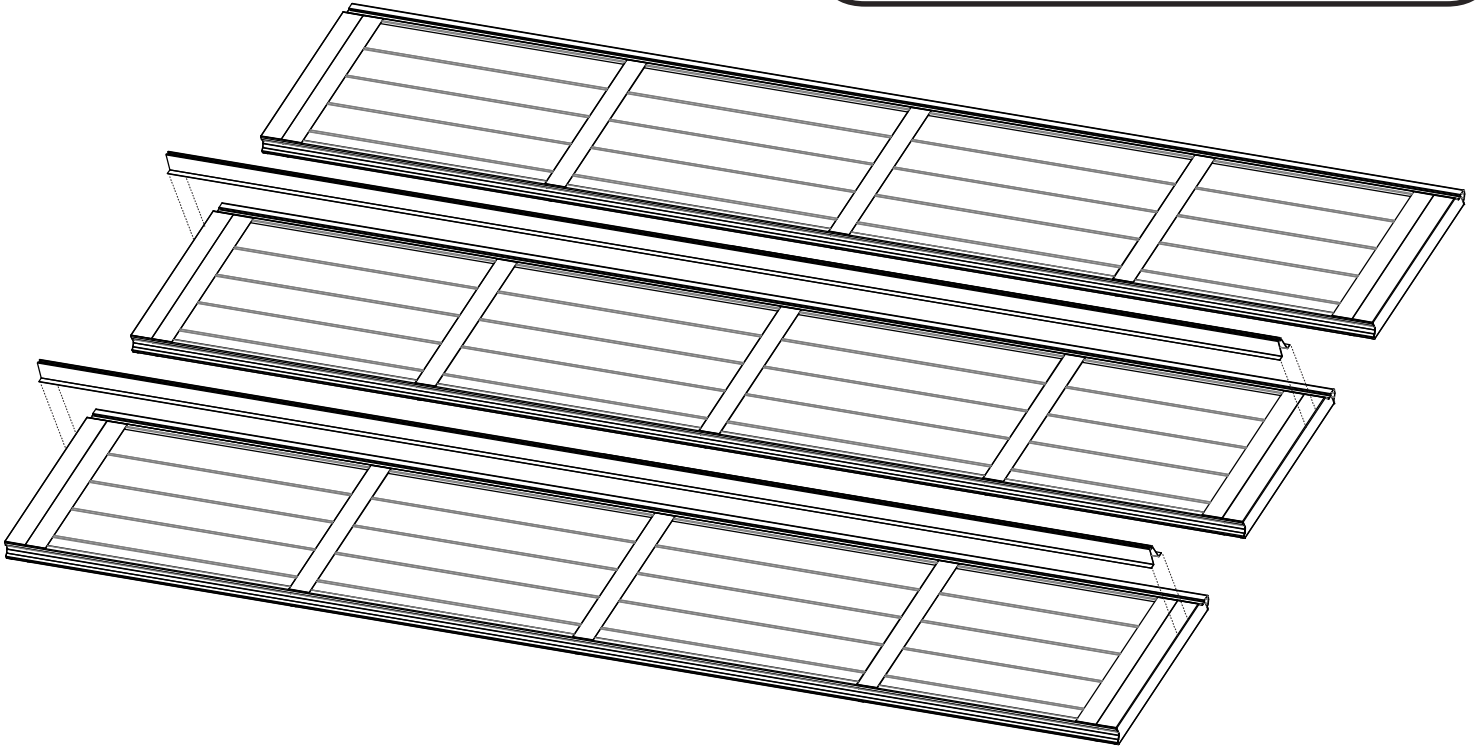


# STEP 6 Position Vertical Track Assembly



Tighten Bolts

1x LHS, 1x RHS



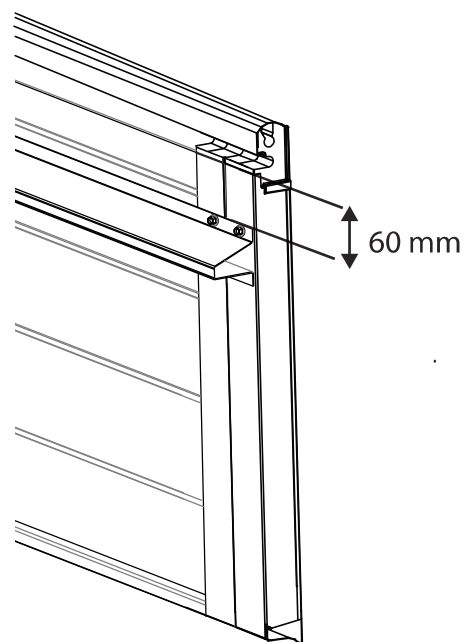
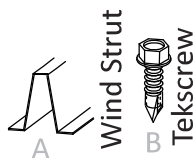
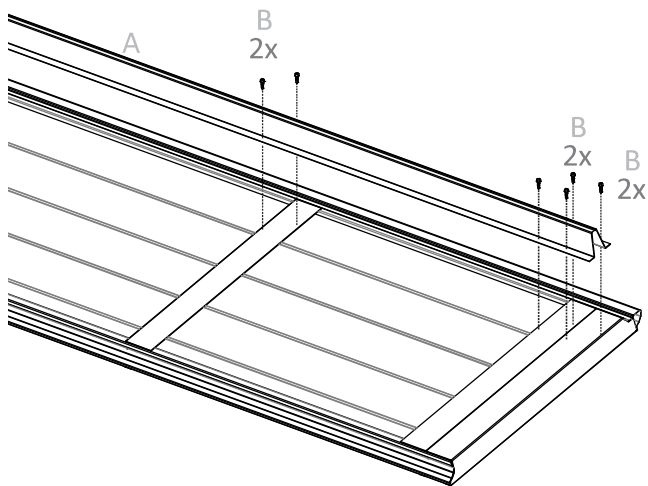
**i** Location and Number of Wind Struts

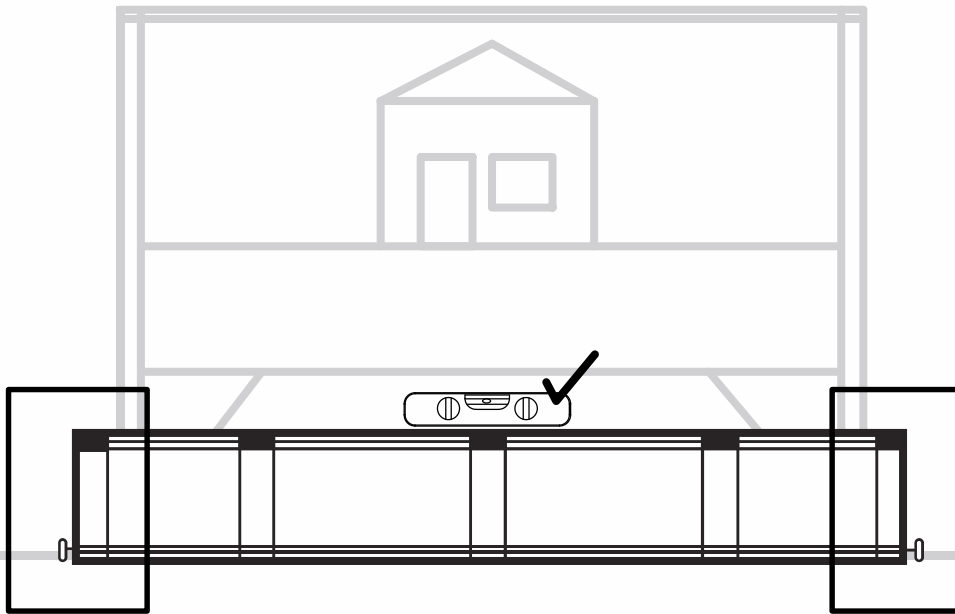
- > The number of wind struts provided for installation will vary dependant on the size and type of sectional door.
- > Where **1 Wind Strut** is provided it is to be installed on the **top panel** fitted to top of style.
- > Where **2 Wind Struts** are provided they are to be installed on the **top and bottom panel**.
- > Where 3 or more Wind Struts are provided they are to be installed on the bottom, top and either middle panels up until each panel has one strut.



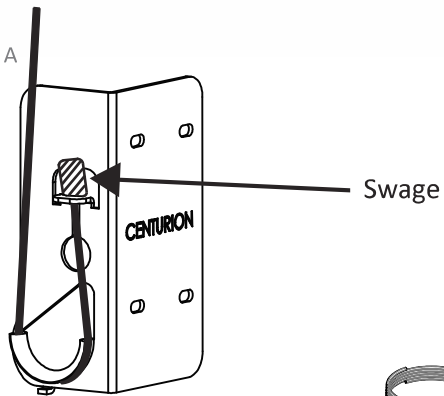
**Do not install wind strut on top panel until after top bracket installation**

This is to allow easy adjustment of top bracket prior to fitment of top wind strut

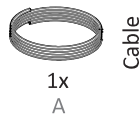




**1. Attach Cable To Bottom Bracket**

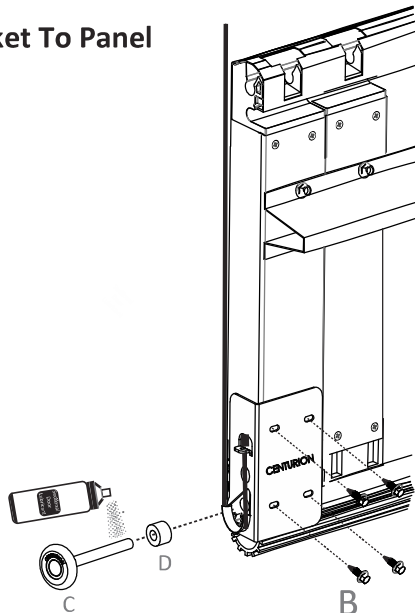


Feed Cable Around Bracket Loop And Secure Swage at Attachment Point

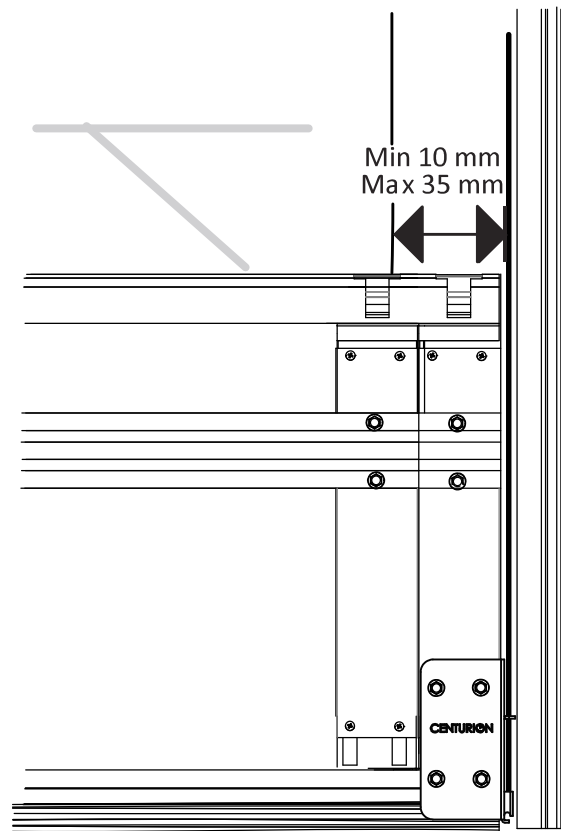


**2. Fix Bottom Bracket To Panel**

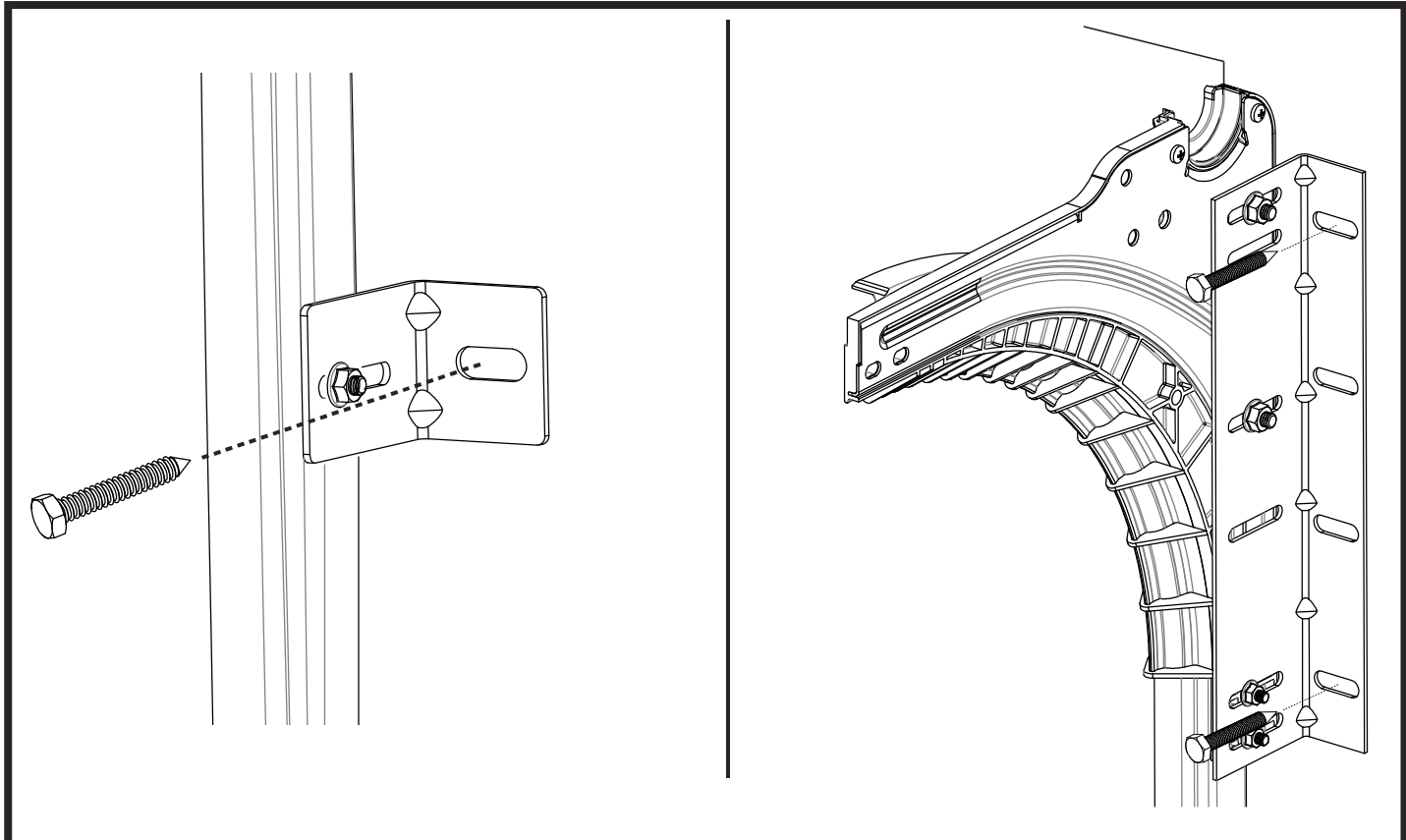
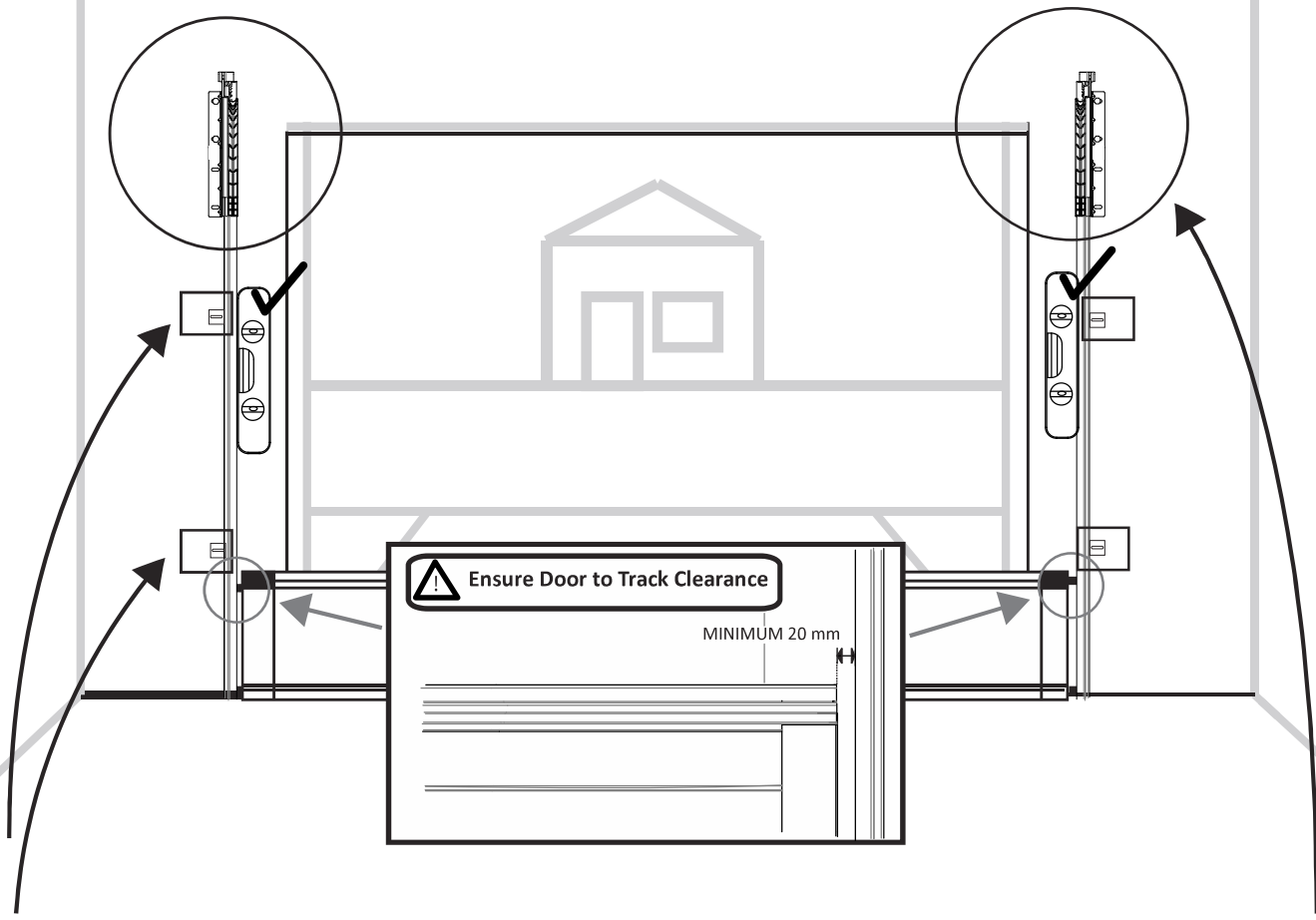
- 4x TekScrew B
- 1x 49mm Roller C
- 1x Roller Spacer D



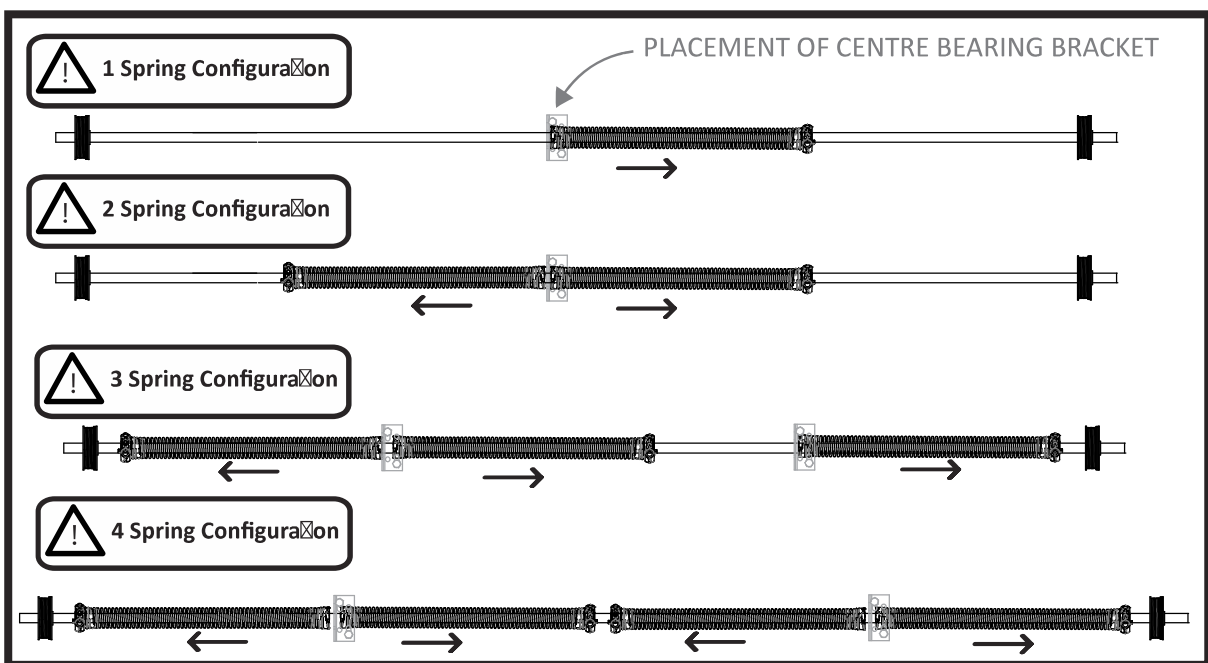
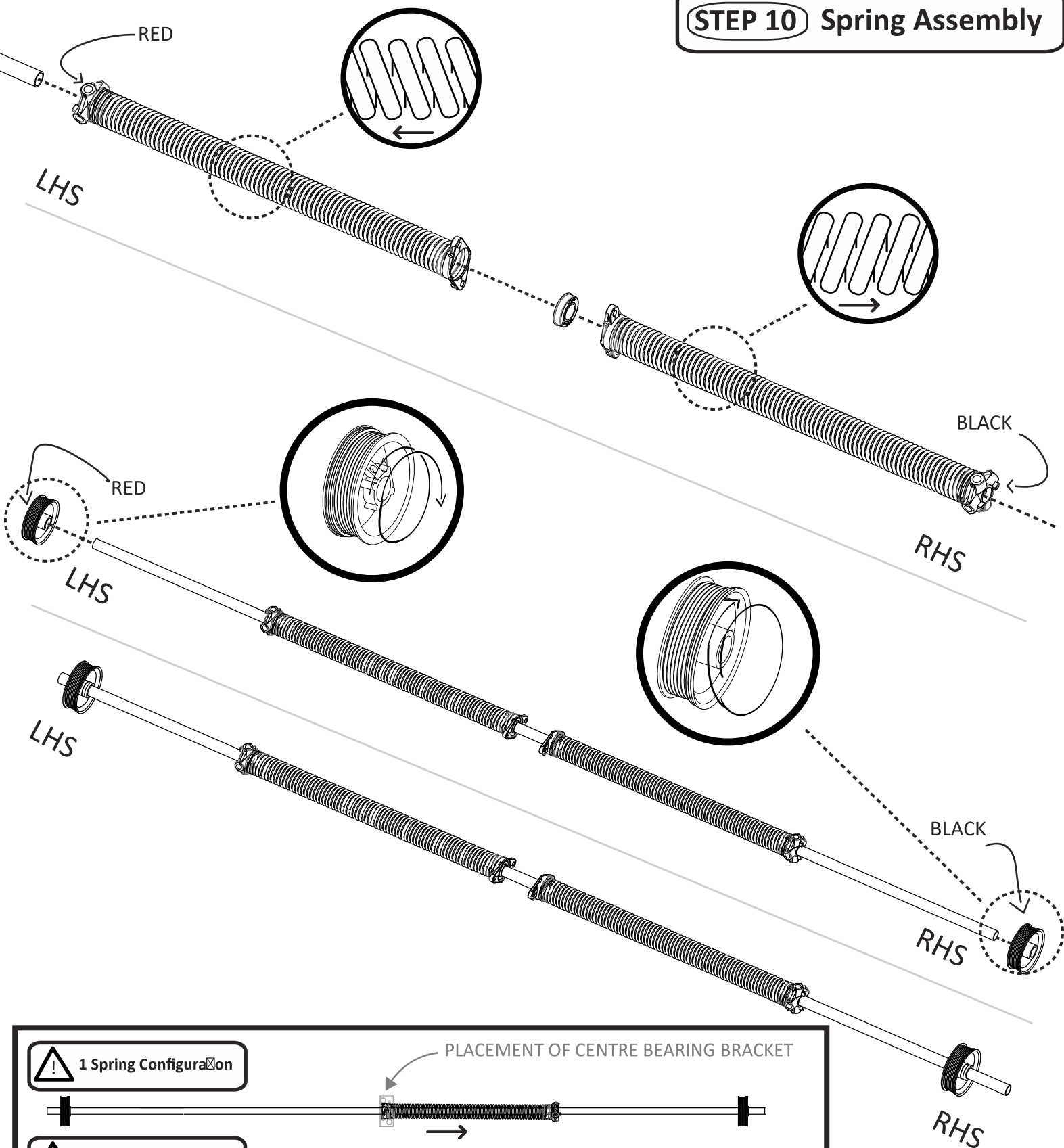
**3. Ensure Door Overlaps opening**



# STEP 9 Track Installation



# STEP 10 Spring Assembly

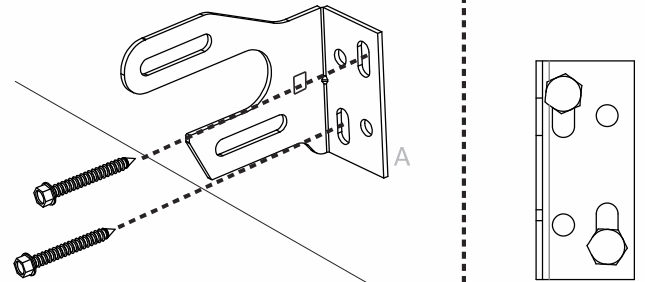
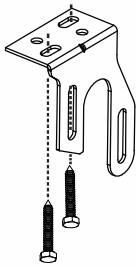


# STEP 11

# Fitment of Centre Bearing Bracket

Placement of Bracket as per Spring Set

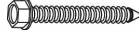
**i** No Headroom Install



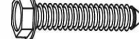
Bearing Bracket

1x  
A


### BRICKWORK

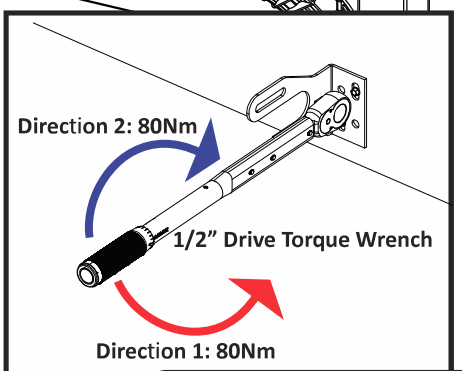
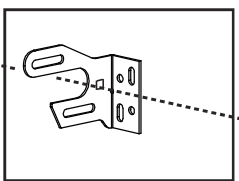
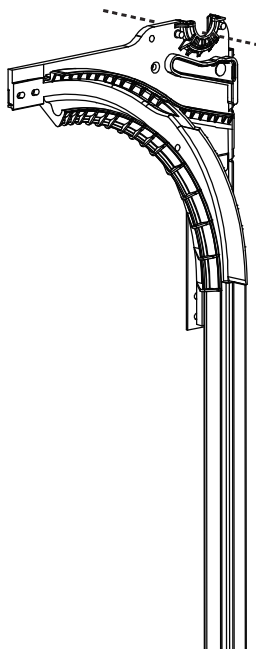
80mm x 8mm Hex Washer Head Coach Screw 

### TIMBER

50 mm x 10 G Hex Washer Head Wood Screw 

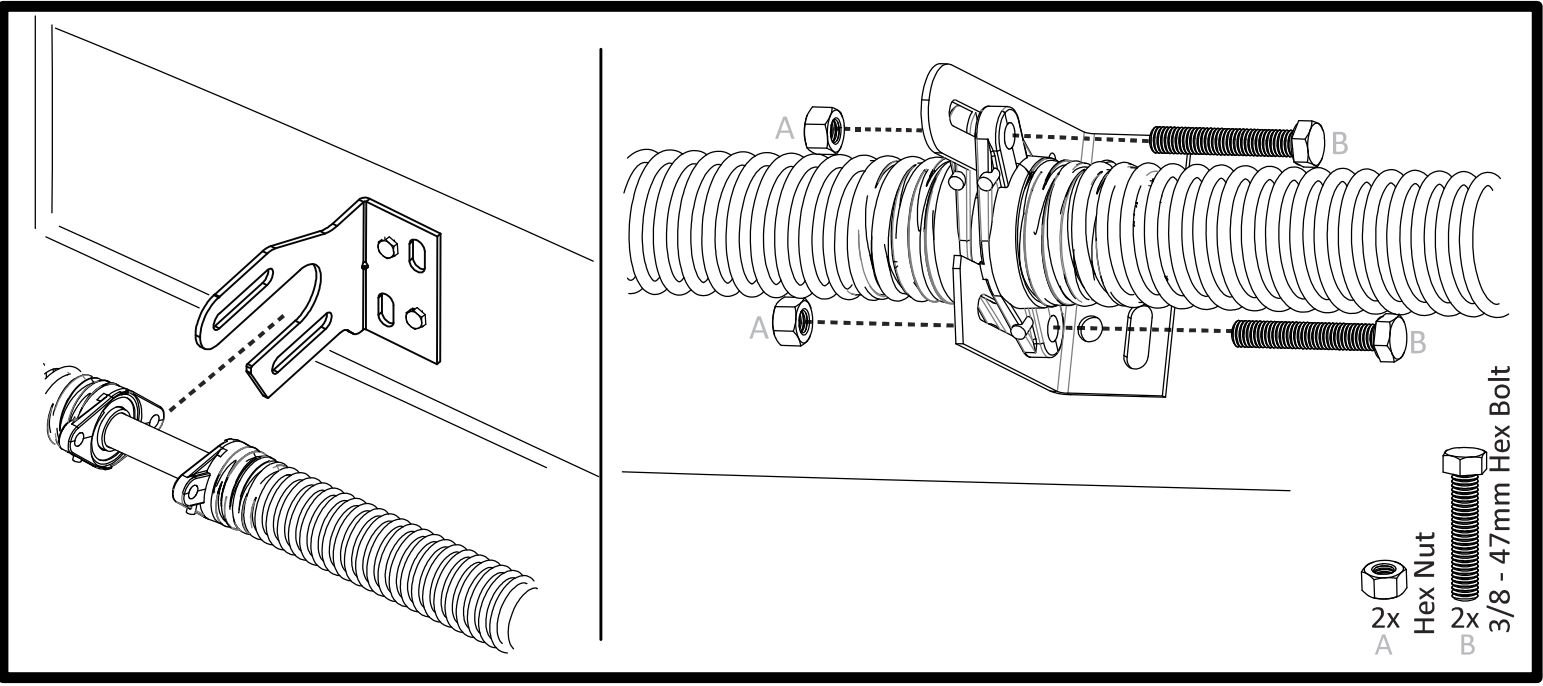
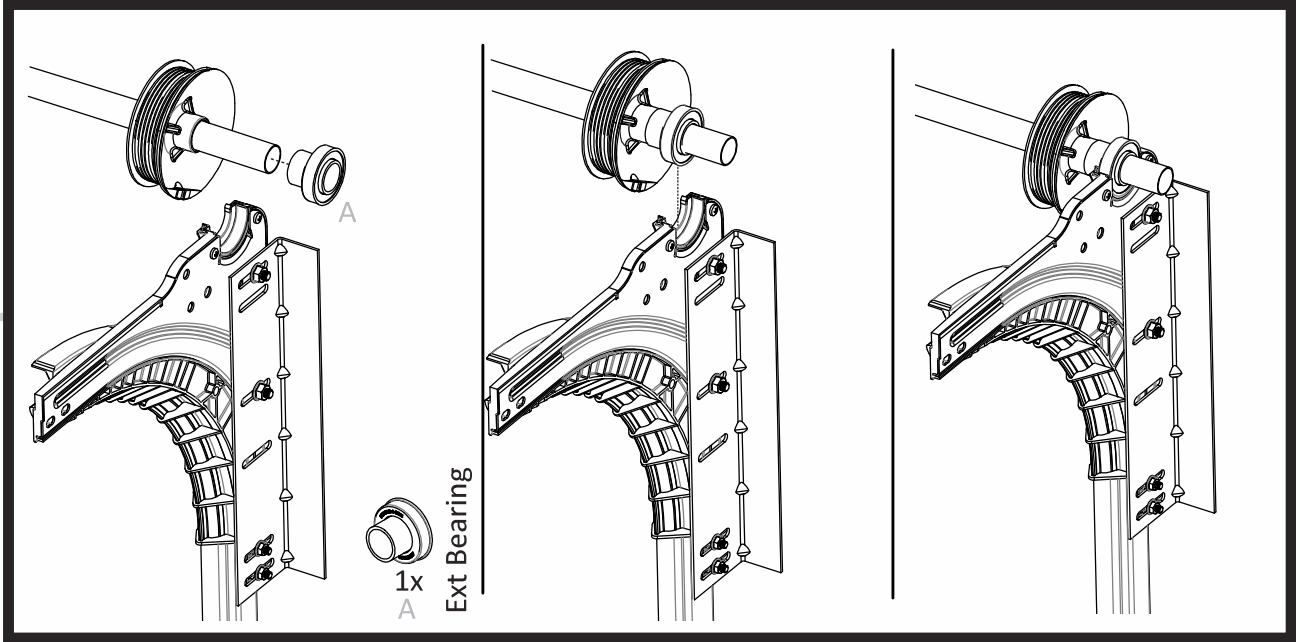
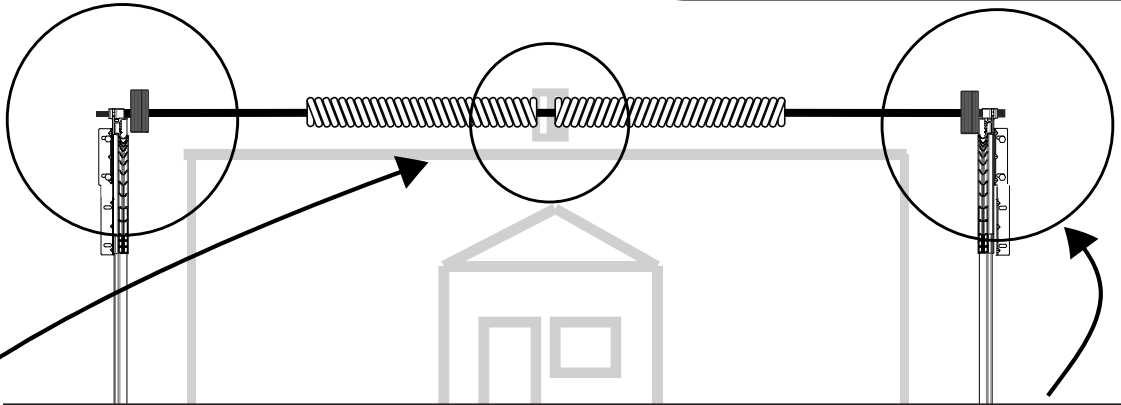
### STEEL

7/16 - 30 mm Hex Head Metal Casing Screw 



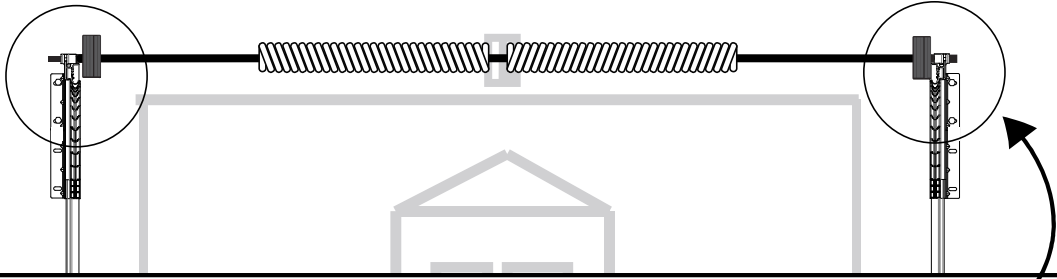
Check Integrity

# STEP 12 Spring Installation





# STEP 13 Horizontal Track Installation



A

A

A  
Reinforcement Bar

**i Reinforcement Bar Size**

- > For sectional doors with width < 4300mm and with 4 or less panels, a 395mm reinforcement bar must be used.
- > All other doors must be fitted with a 1200mm reinforcement bar.

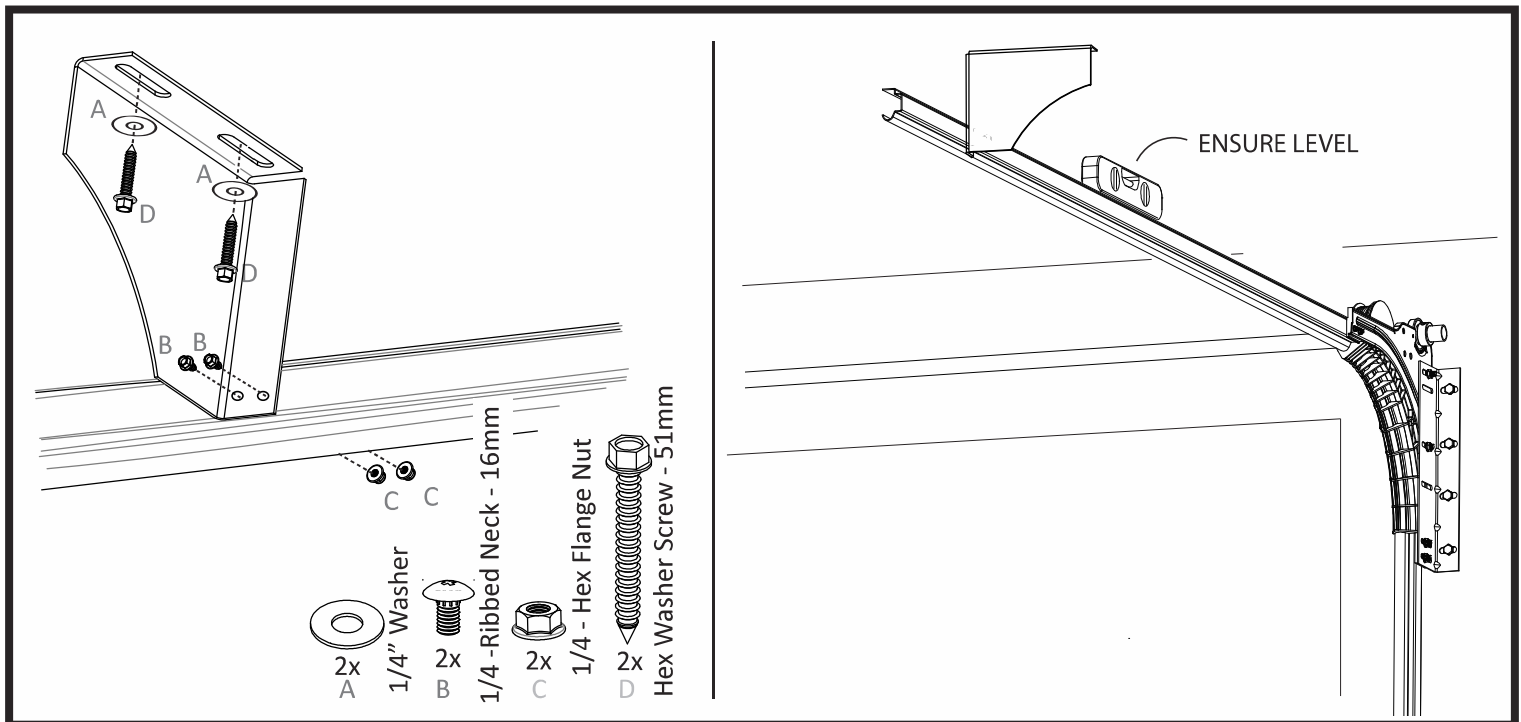
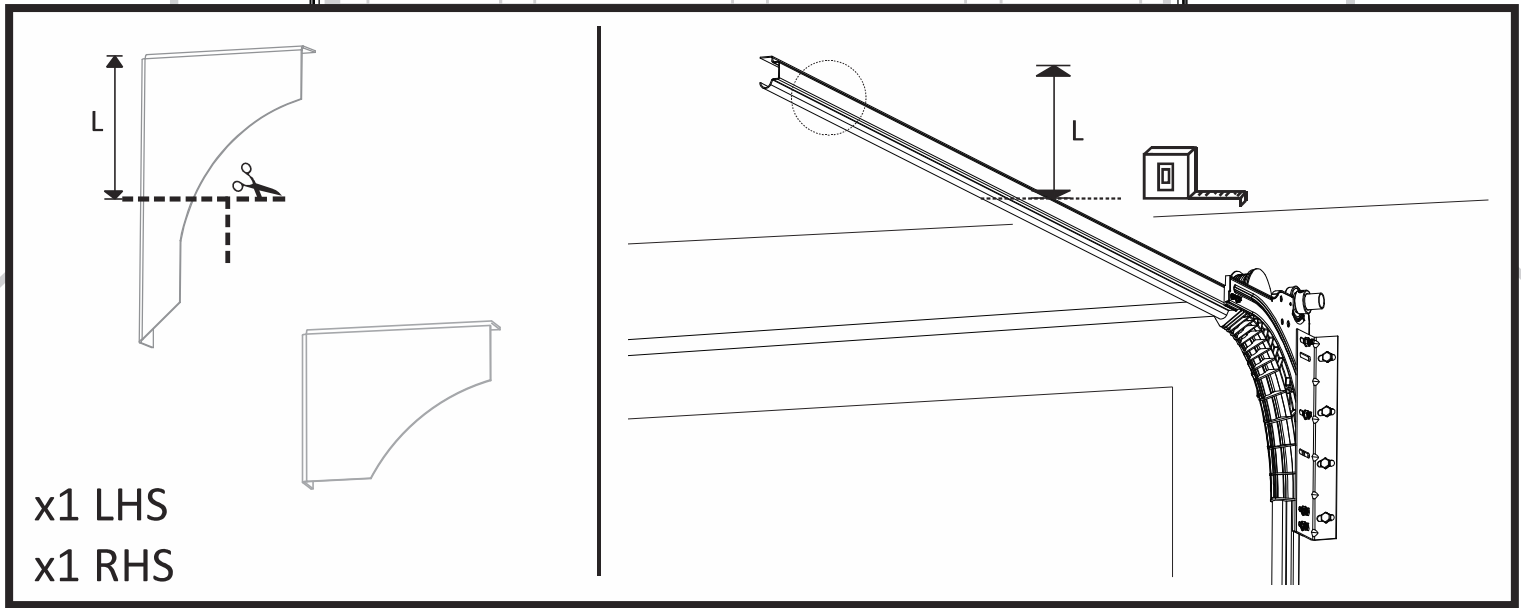
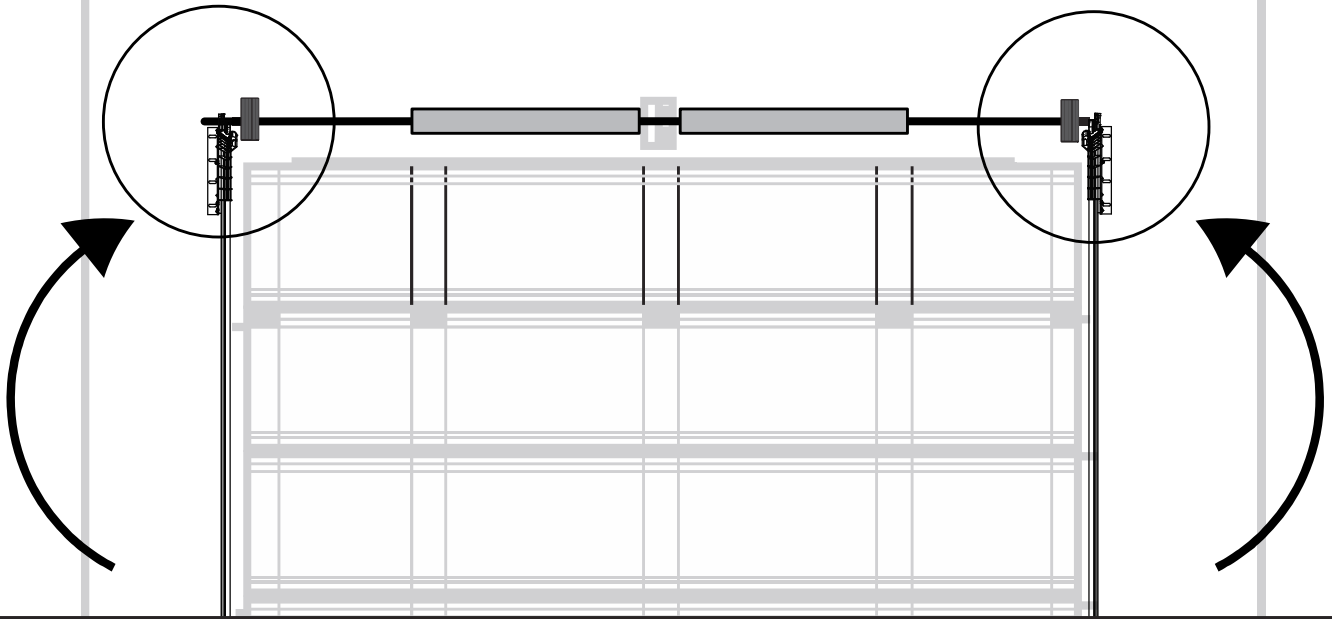
A  
Sectional Track

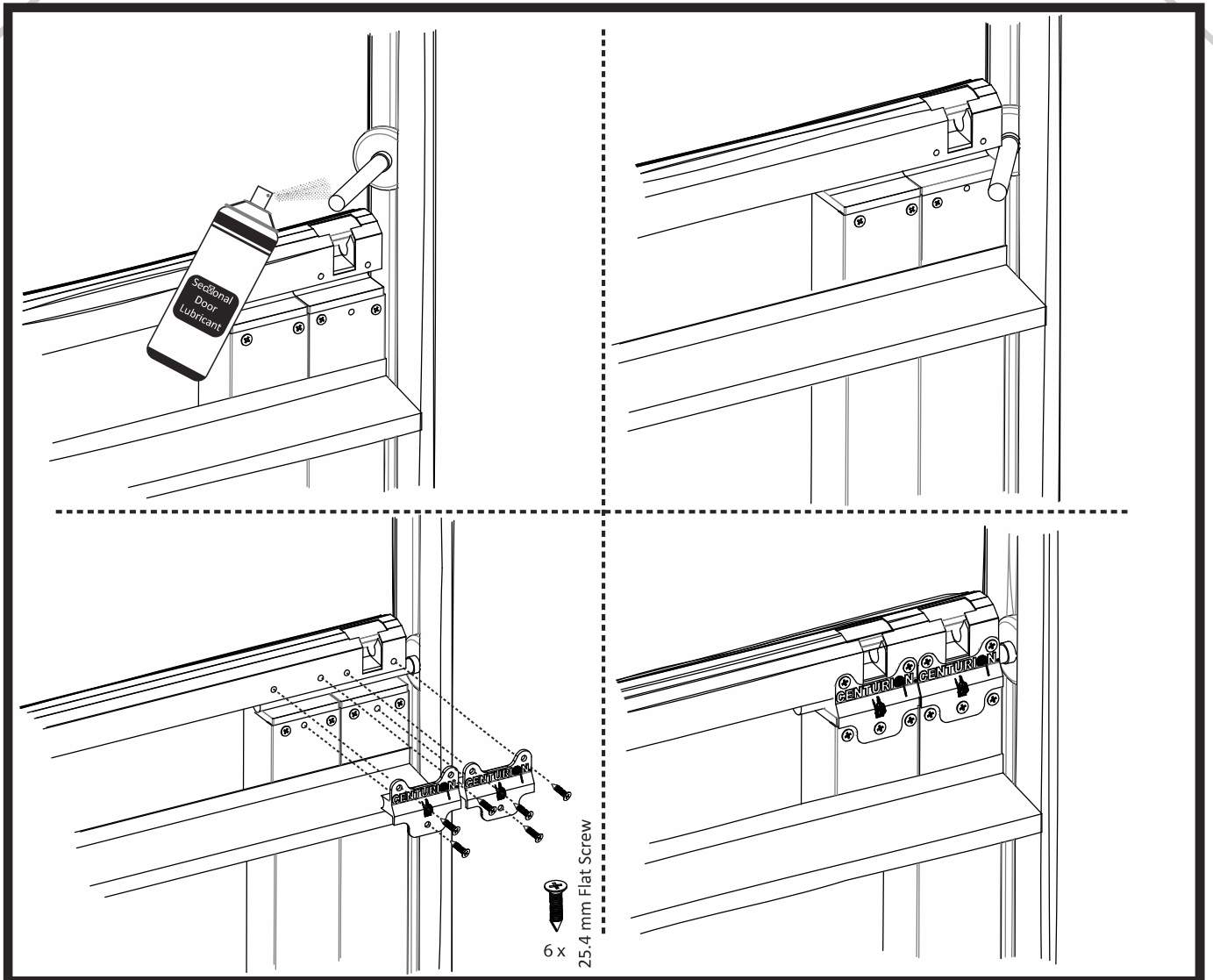
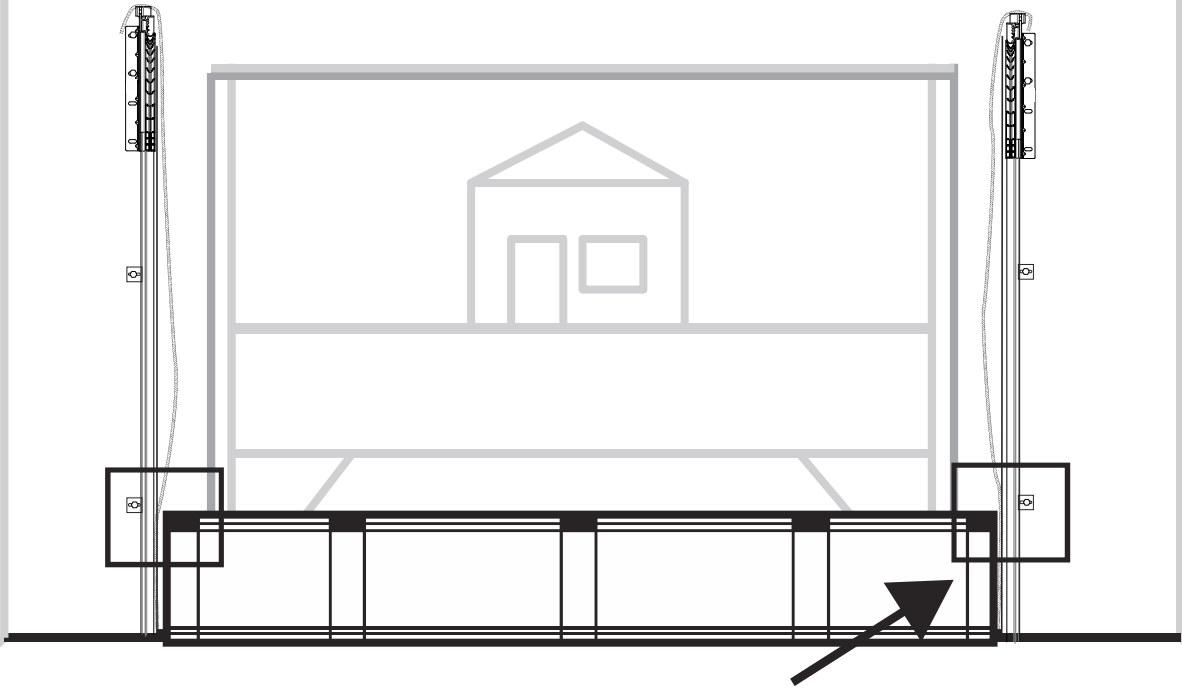
A  
Reinforcement Bar

A

Reinforcement Bar Fixings Provided with Kit

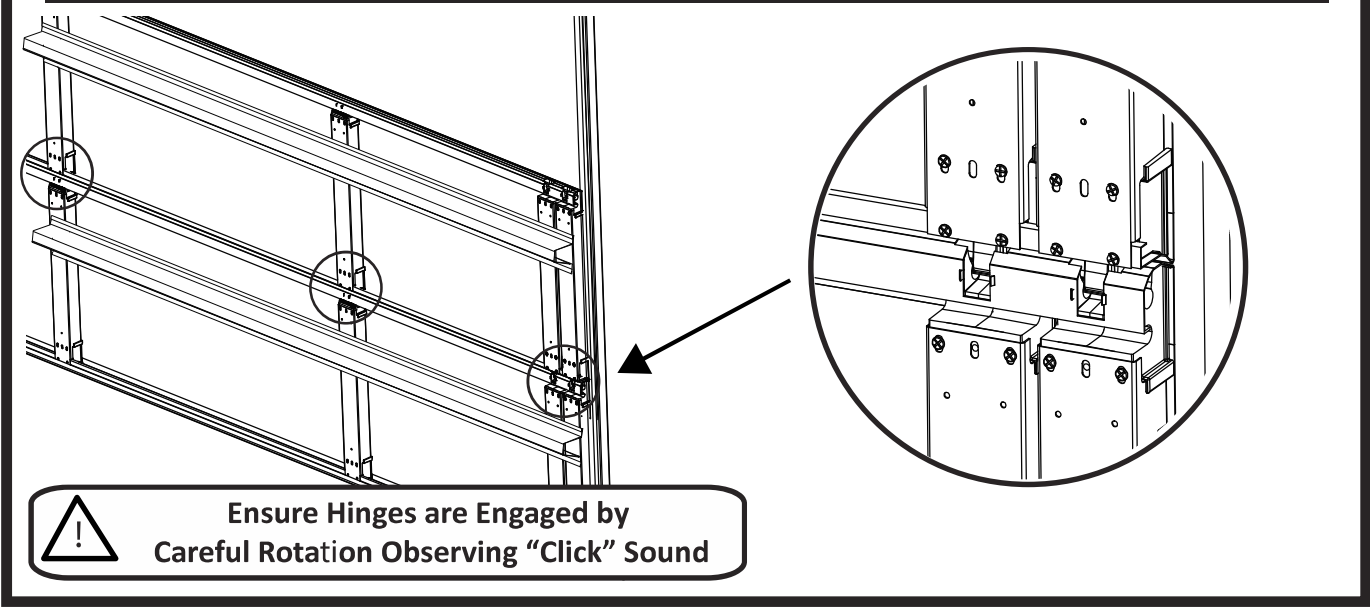
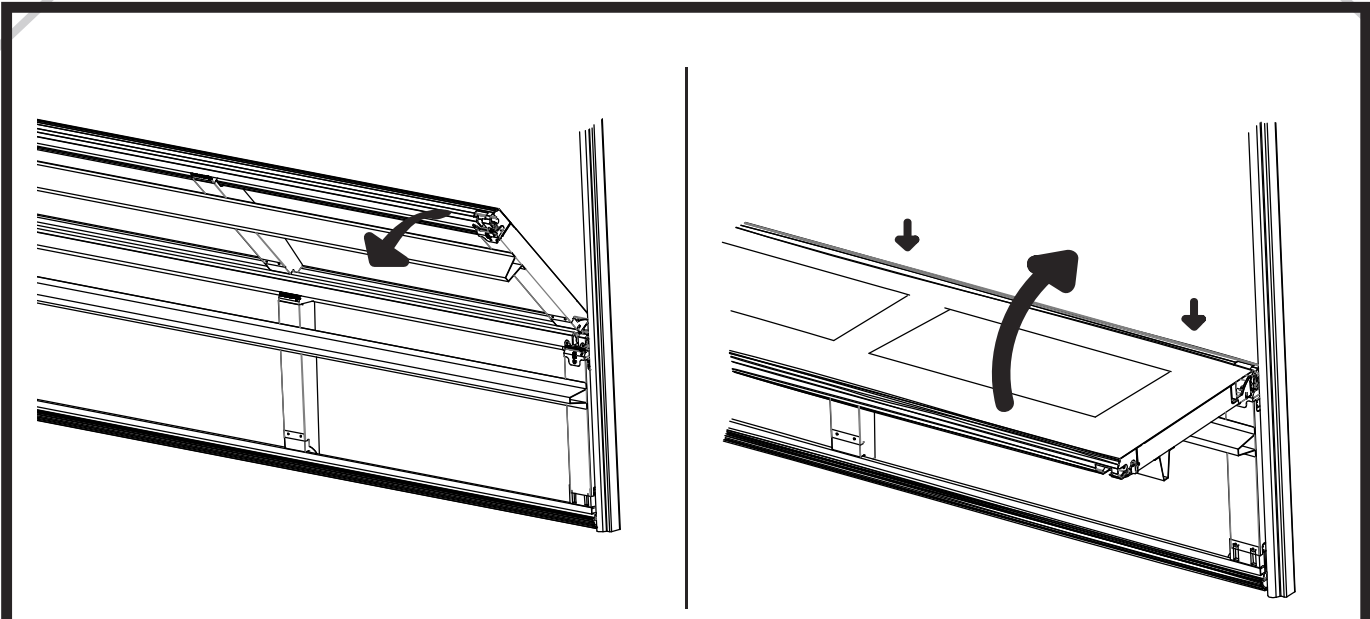
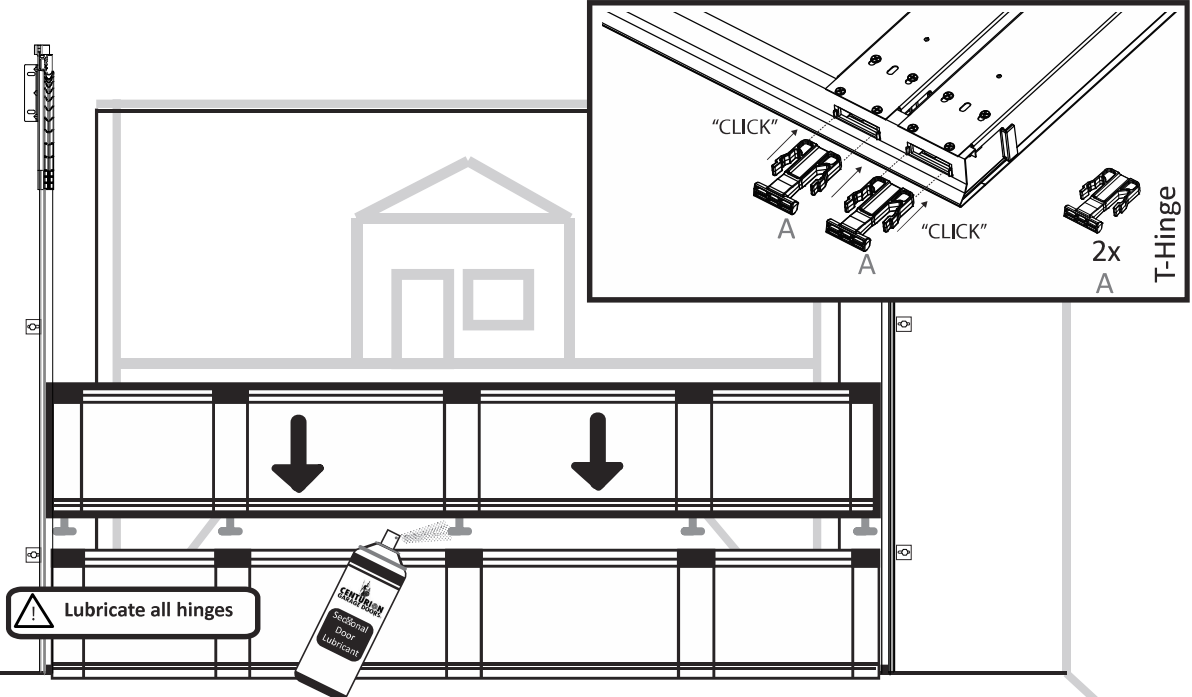
A	B	C	D	D
2x	2x	1x	1x	5x
	1/4 - Screw 35mm	1/4 - Screw 42mm	1/4 - Flat Head 42mm	1/4 - Hex Flange Nut

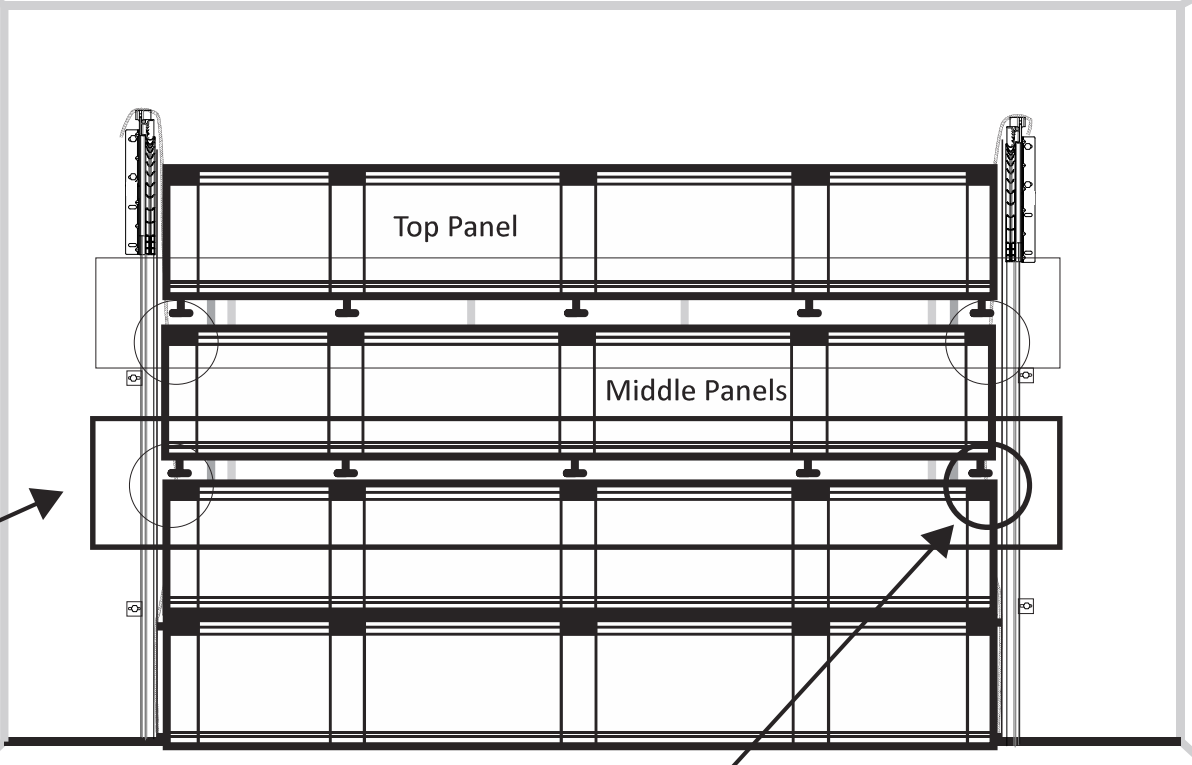




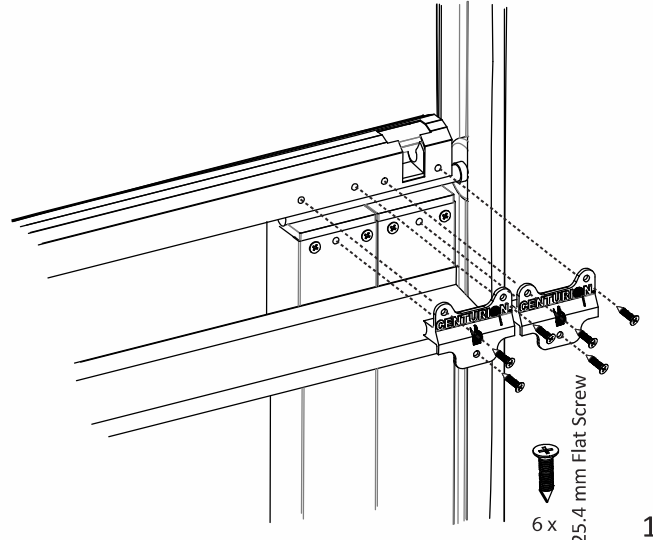
**DOUBLE END STILE CONFIGURATION SHOWN, SMALLER DOORS WILL HAVE SINGLE END STILE WITH ONLY ONE ROLLER RETAINER.**

**STEP 15** Panel Installation



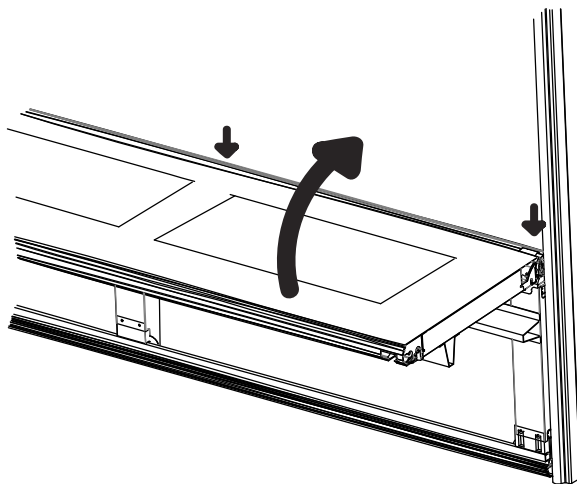
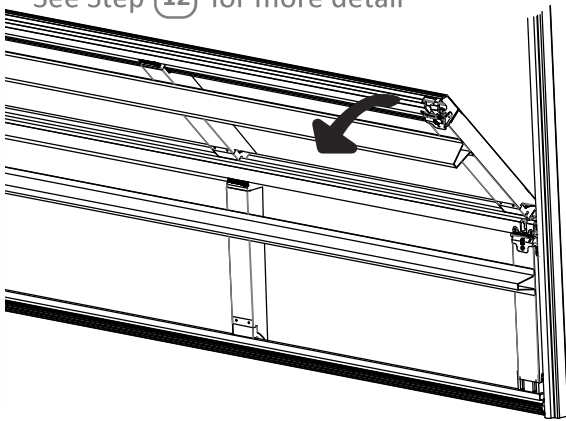


See Step 11 for more detail



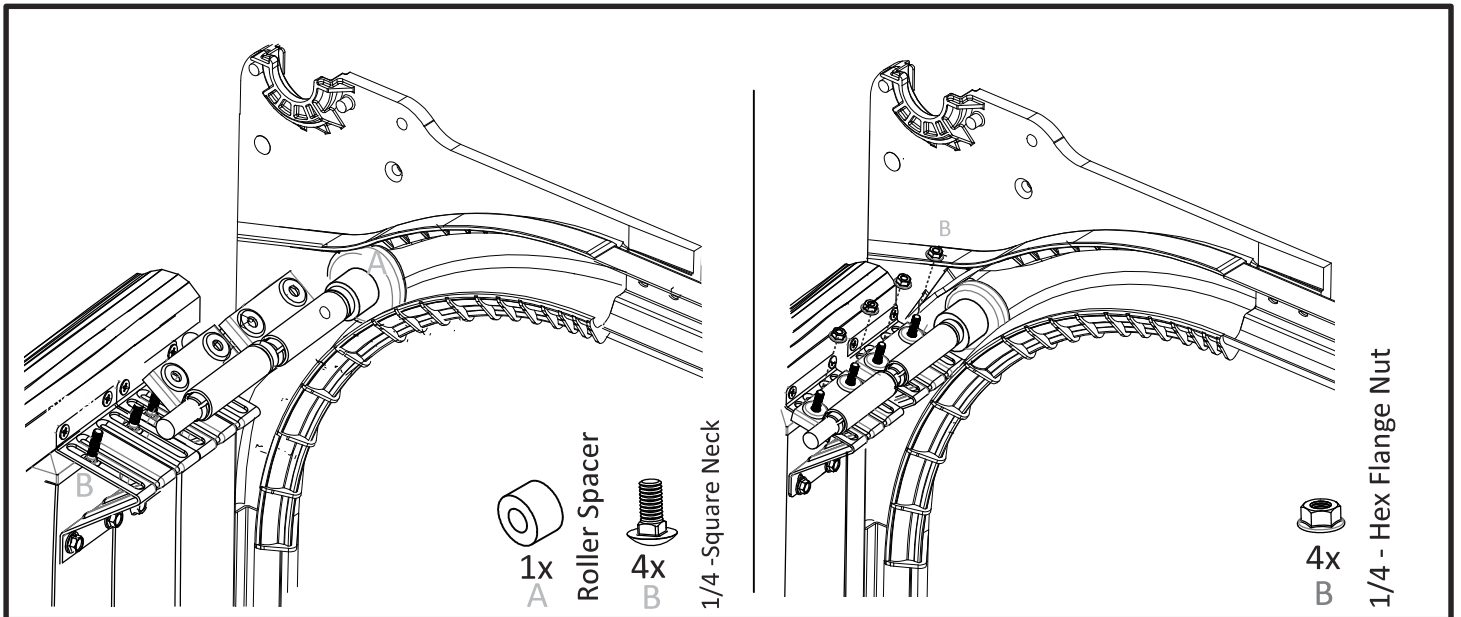
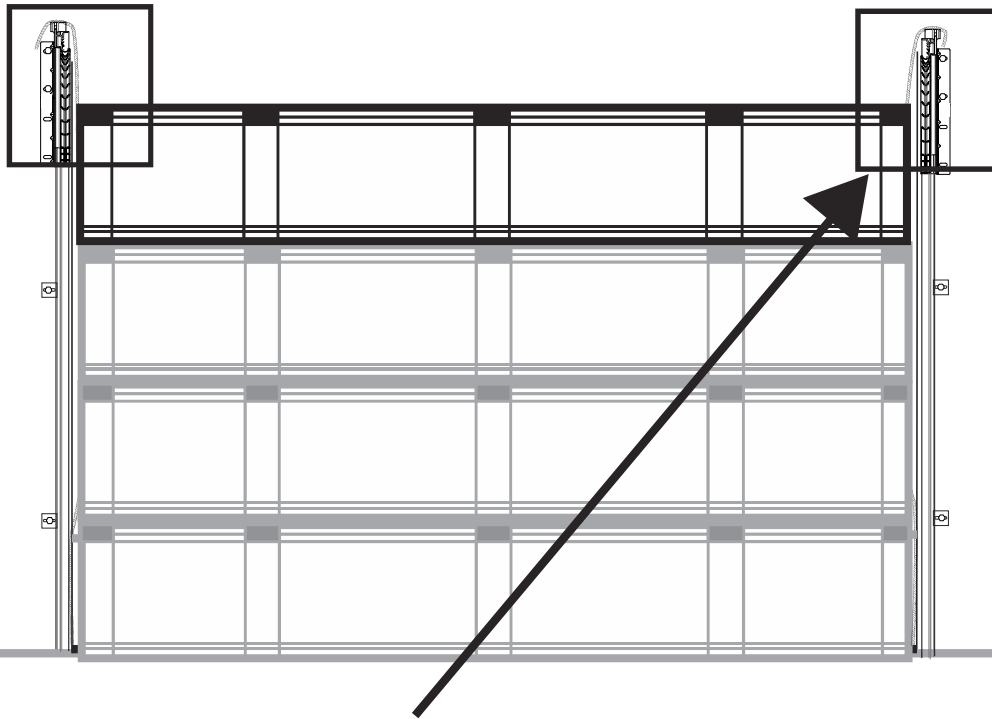
1

See Step 12 for more detail

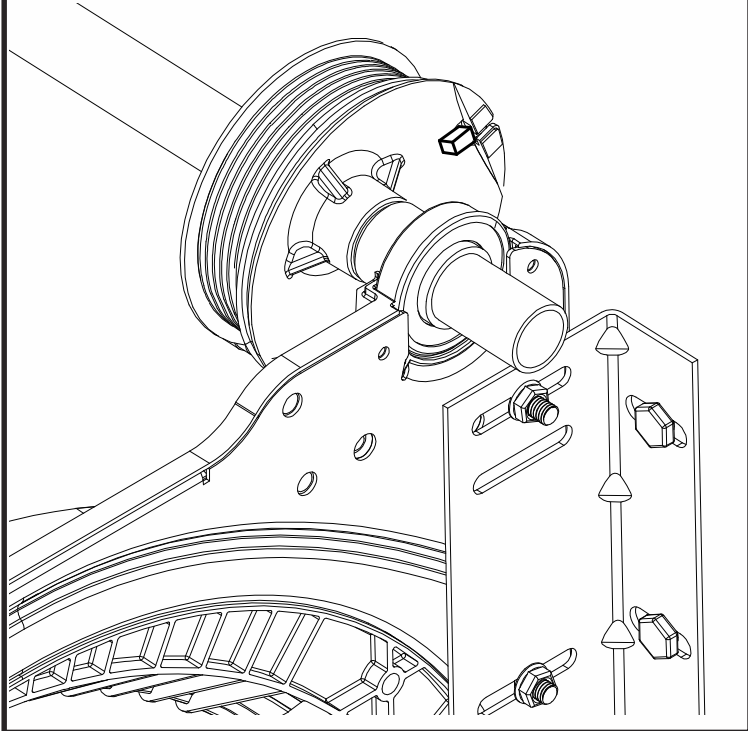
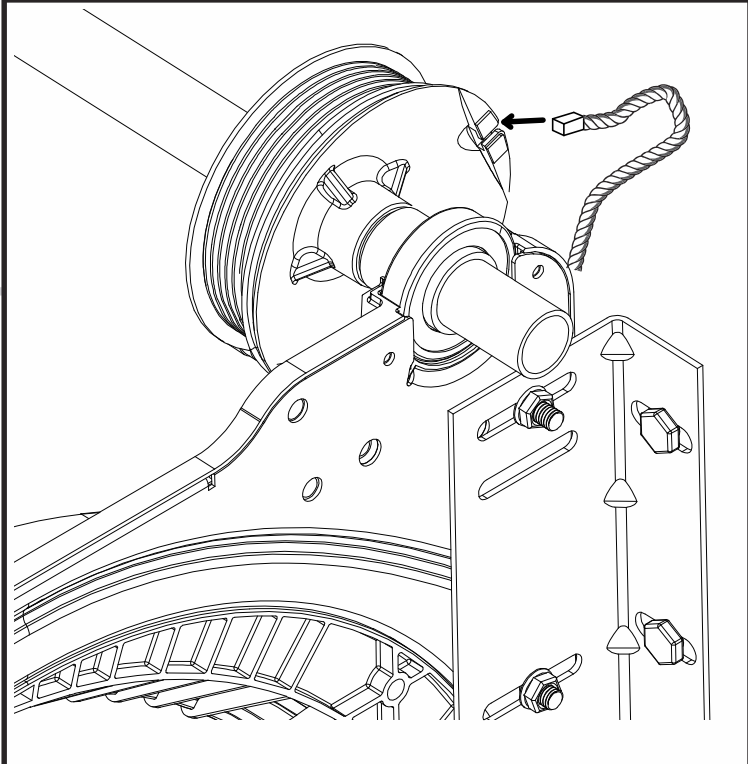
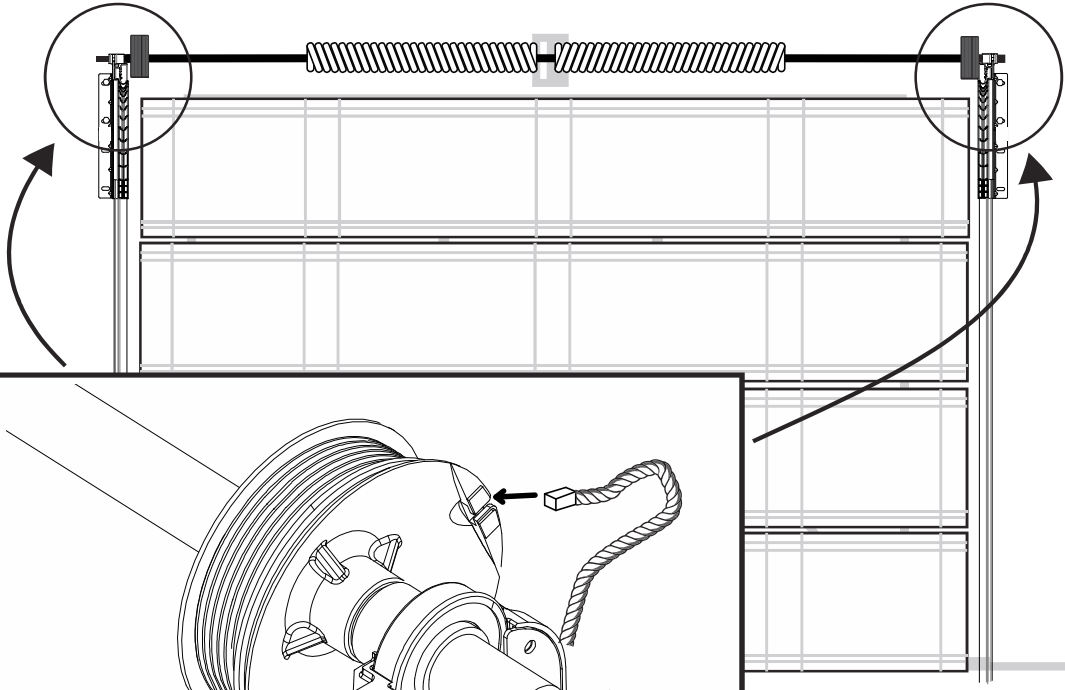


2

**STEP 16** Fit Top Roller



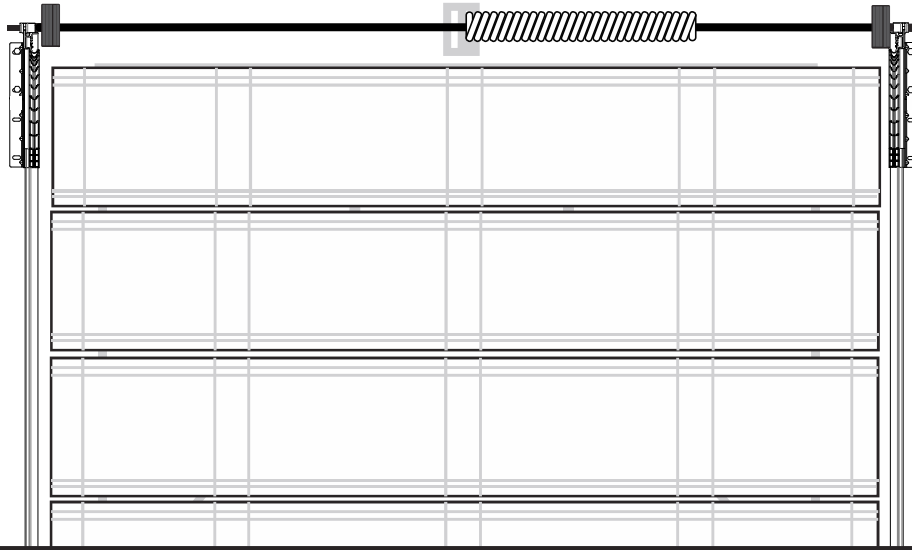
**DOUBLE END STILE CONFIGURATION SHOWN, SMALLER DOORS WILL HAVE SINGLE END STILE WITH ONLY ONE BRACKET.**



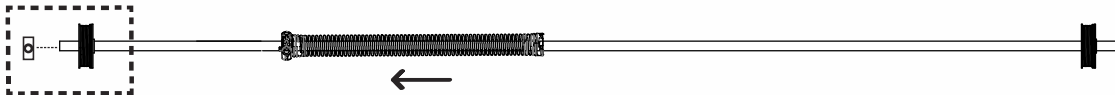


This Step is for Single Spring /3 Spring Doors Only

# STEP 17 Lock Collar Placement



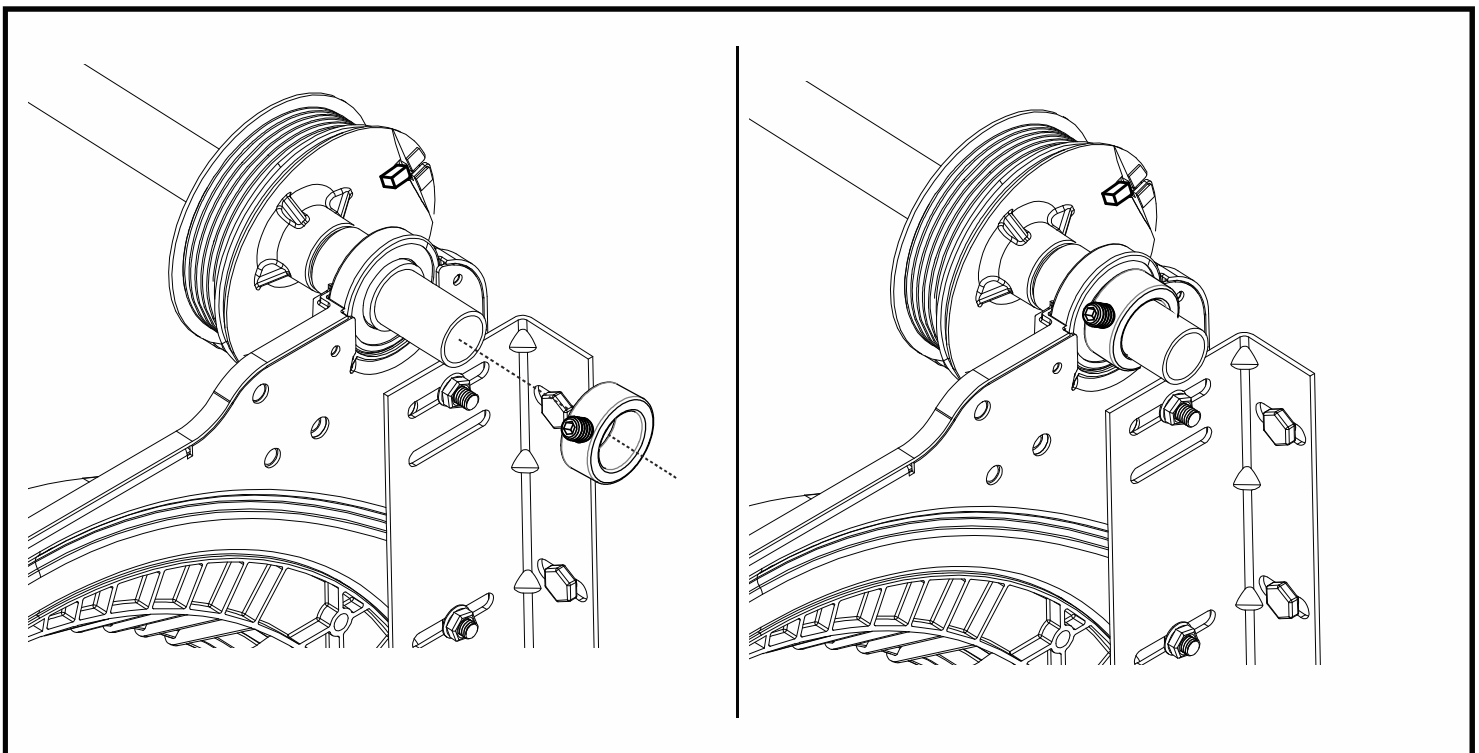
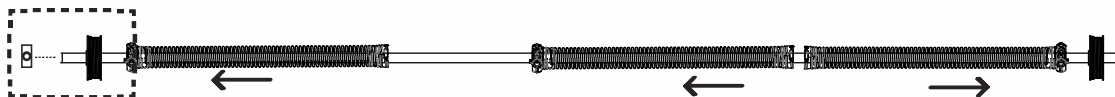
Single Spring - Left Handed Spring Configuration



3 Spring - Right Handed Configuration

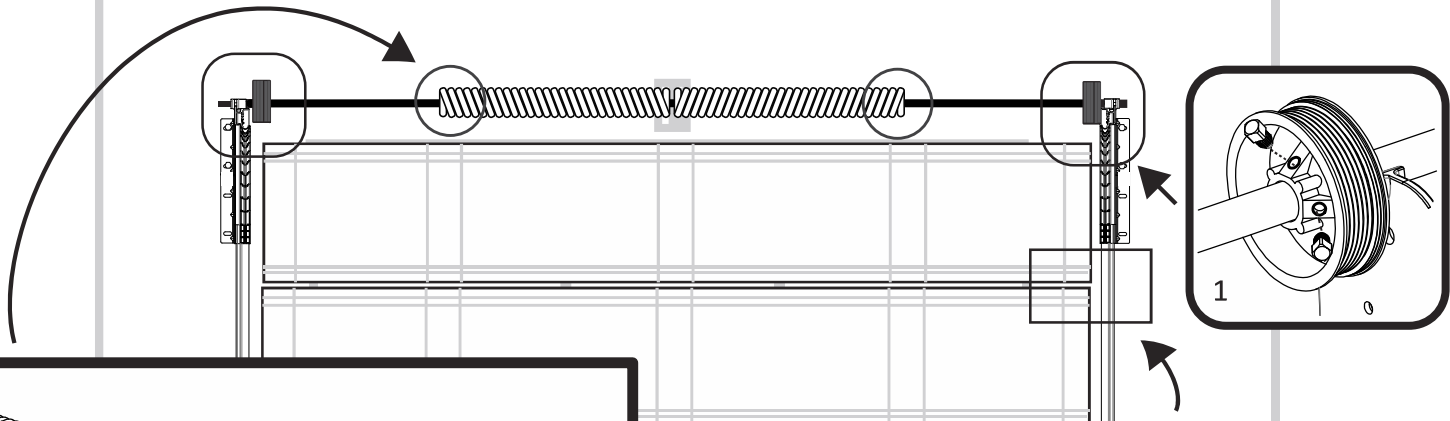


3 Spring - Left Handed Configuration





**STEP 18** Apply Spring Torsion



3

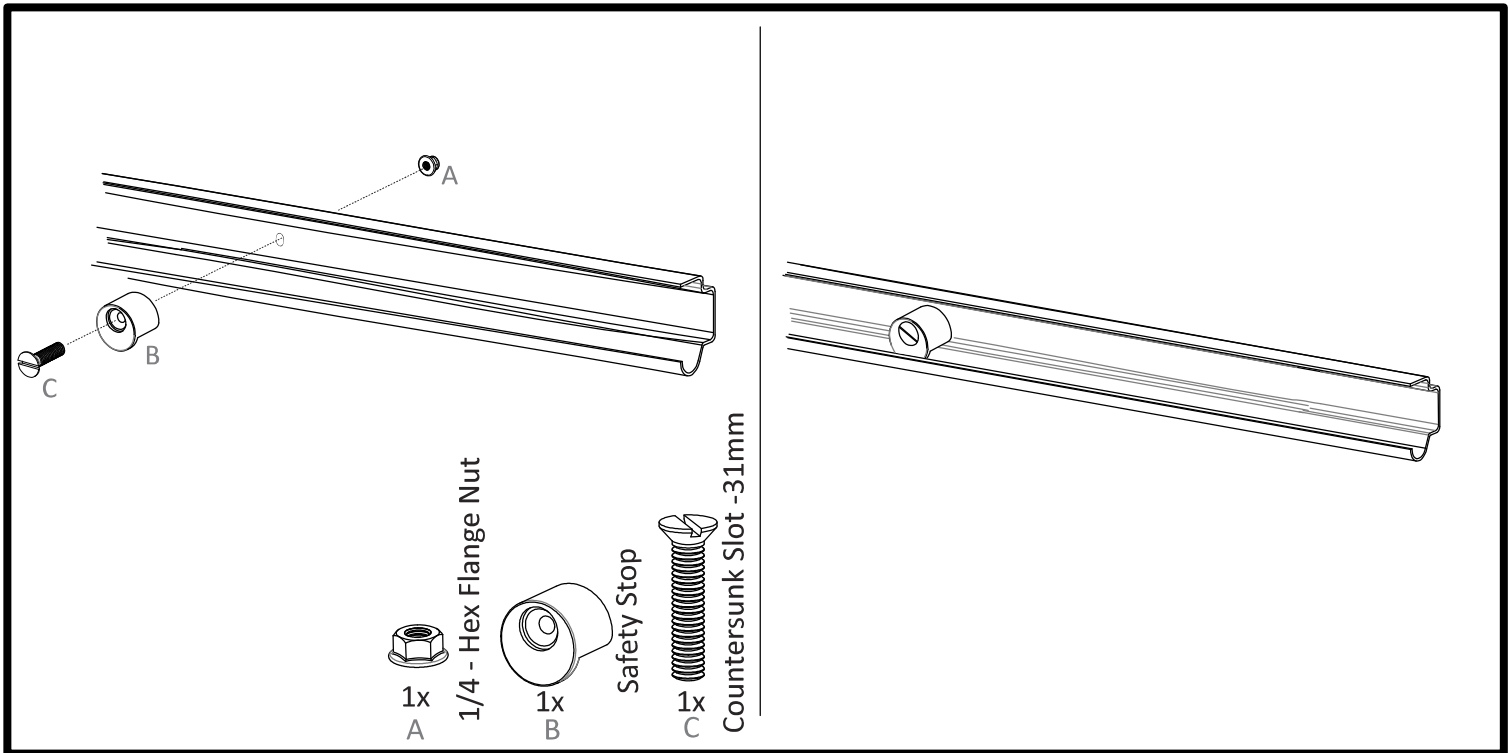
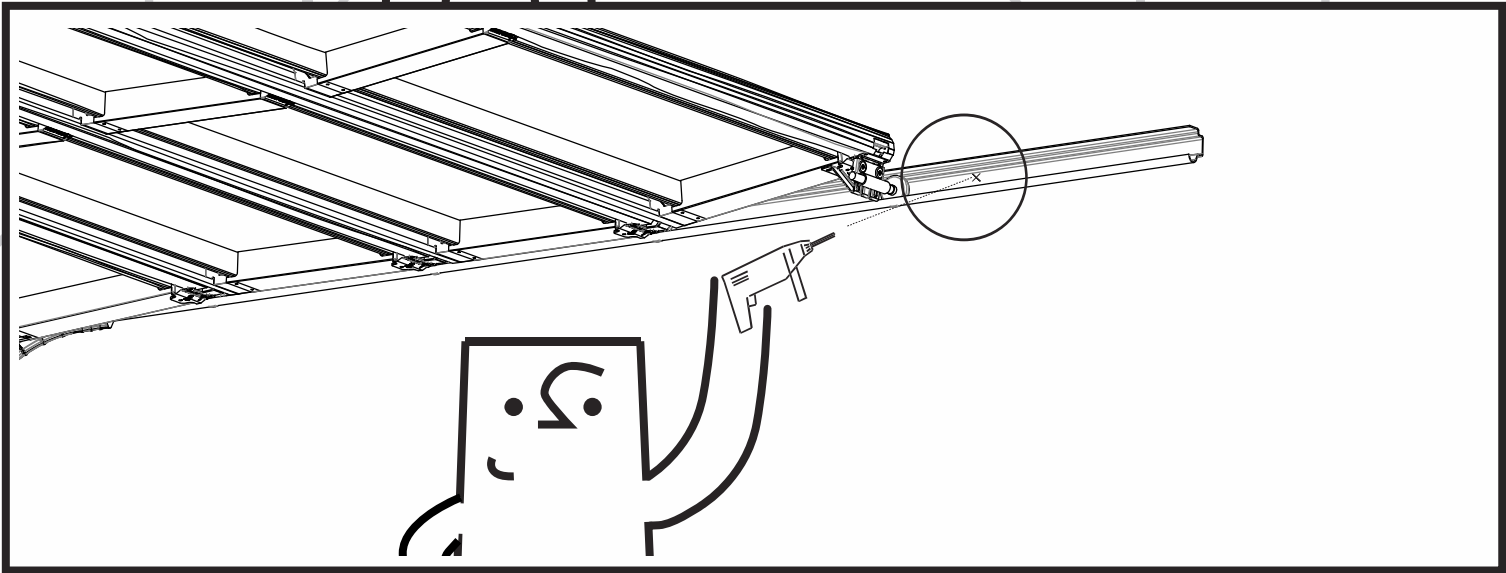
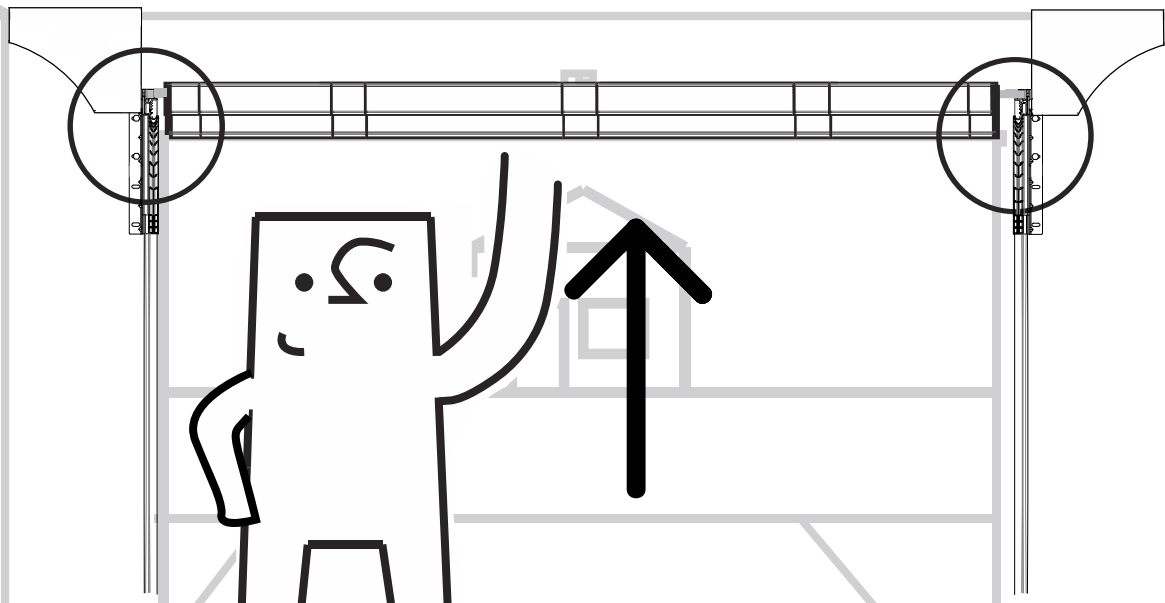
**⚠ Lock Door Closed**

C Clamp

2

Count turns via stripe

**⚠ 1. Apply suitable amount of tension based on door size**  
**2. Check door for balance**



- Door Tracking**  
*Door remains centred in opening during operation*  
*Door doesn't walk to one side*
  
- Acceptable Gap Between door and wall**  
*Ensure gap between door and wall is constant and even*
  
- Radius Curve level and plumb**  
*The door will track to one side if curve is not level*
  
- Top bracket straight and square to the Radius Curve**
  
- Spring pole level**  
*Ensure Centre Bearing Bracket is level with curve mounts*
  
- Tension correctly and door balanced**  
*In manual operation the door will remain open and not fall or rise*  
*Be capable of lifting from the ground with one hand (less than 25 kg)*
  
- Horizontals parallel**  
*Check roller travel in horizontals*
  
- Door/Bottom panel level**  
*Bottom seal compresses evenly*  
*Confirm with laser level*
  
- Vertical Tracks plumb**  
*Gap between door and wall remains consistent*
  
- Track stops correctly installed**  
*Ensure springs remain tensioned when door impacts manual stops*  
*Spring should have minimum of 3/4 turns left when door reaches fully open position*
  
- Springs, Hinges and Rollers lubricated**  
*Ensure springs, hinges and rollers are greased*