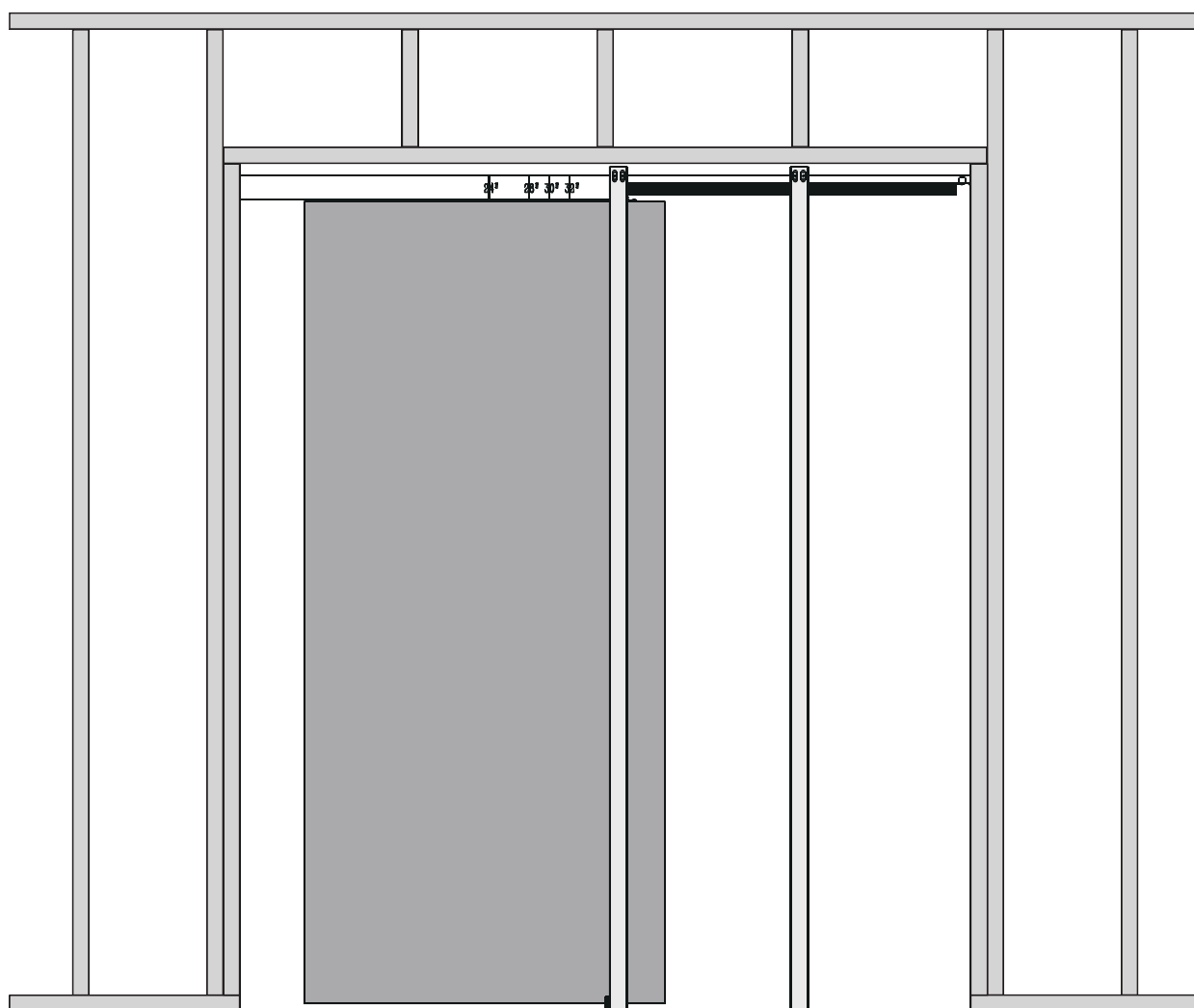
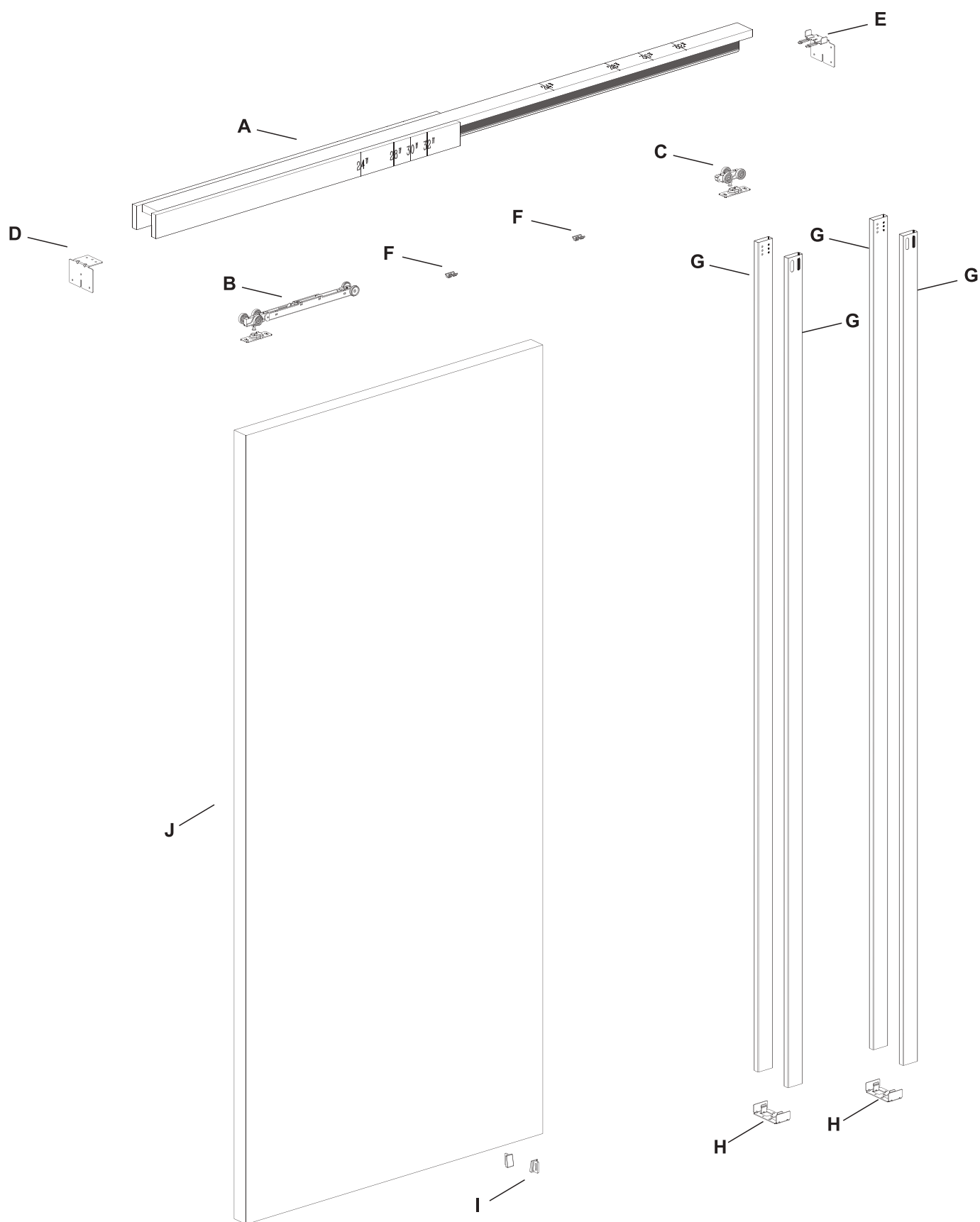


Installation Manual

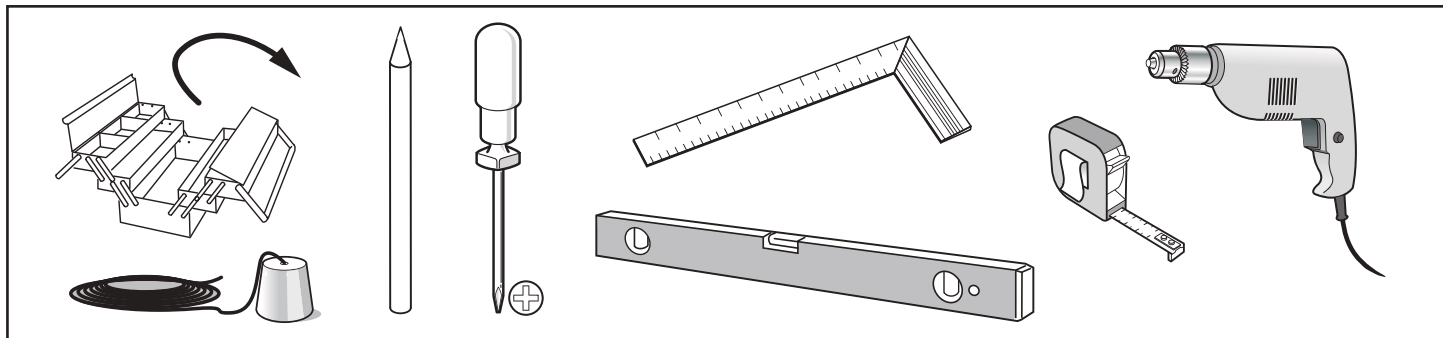


Components list

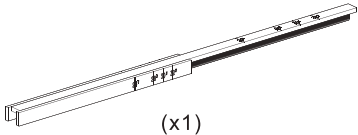
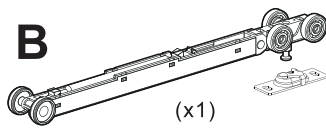
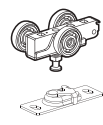
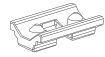
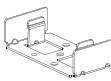


Pre-installation

TOOLS REQUIRED



HARDWARE INCLUDED

A  (x1)	B  (x1) ST5.5x32 (x2)	C  (x1) ST5.5x32 (x2)
D  (x1) ST4.2x19 (x3)	E  (x1) ST4.2x19 (x1)	F  (x2)
G  (x4) ST4.2x19 (x8)	H  (x2)	I  (x2) ST4.2x13 (x2)
 ST3.5x32 (x3)	 (x1)	 (x1)

PREPARE THE ROUGH OPENING

Height of Rough Opening (Table 1)

Maximum Door Height	Minimum Height of Rough Opening	Bracket Fastener Height from finished floor	Bracket Fastener Height from sub-floor
2032mm	2146.3mm	2051.05mm	2070.1mm
2133.6mm	2247.9mm	2152.65mm	2171.7mm
238.4mm	2552.7mm	2457.45mm	2476.5mm
2743.2mm	2857.5mm	2762.25mm	2781.3mm
Custom	Door Height + 114.3mm	Door Height + 19.05mm	Door Height + 38.1mm

Width of Rough Opening (Table 2)

Maximum Door Width	Width of Rough Opening
609.6mm	1244.6mm
660.4mm	1346.2mm
711.2mm	1447.8mm
762mm	1549.4mm
812.8mm	1651mm
863.6mm	1752.6mm
914.4mm	1854.2mm
Custom	(2 X Door Width) + 25.4mm

Installation

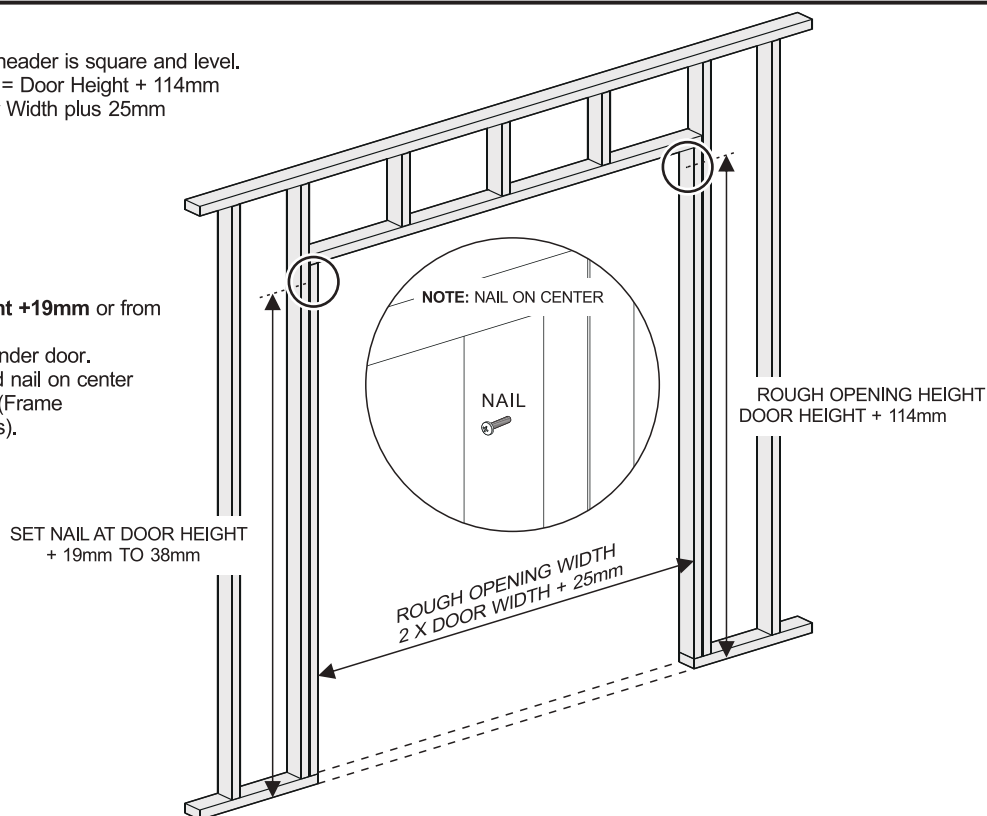
For 25mm to 45mm
doors to 220 lbs.(100 kgs)

1 PREPARE ROUGH OPENING

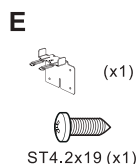
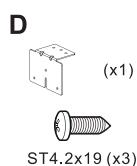
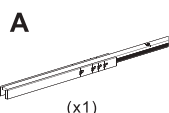
Plumb the rough studs and ensure the header is square and level.
Minimum Height of ROUGH OPENING = Door Height + 114mm
Width of ROUGH OPENING = 2X Door Width plus 25mm

Measure up from finished floor **Door Height +19mm** or from sub-floor to **Door Height +38mm**.
This will give 39mm to 38mm clearance under door.
Mark each rough stud and drive a flat head nail on center **(not included)**, leaving 3mm protruding. (Frame header end brackets will rest on these nails).

Snap a chalk line on floor even with side jambs.



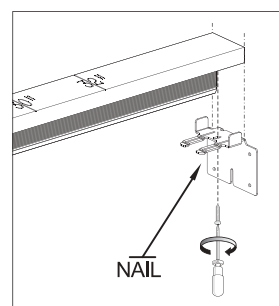
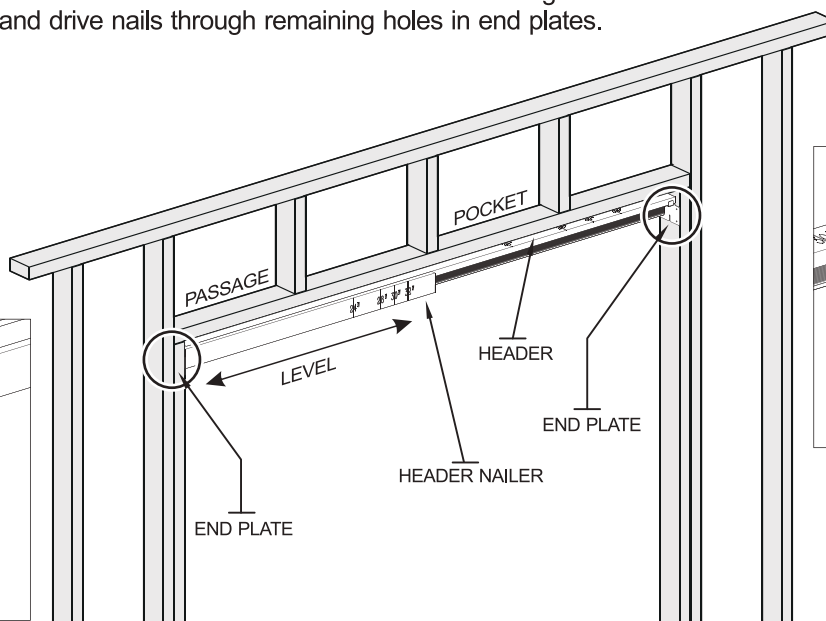
2 PREPARE HEADER AND TRACK



Size header track assembly

The header track assembly is stamped for cutting to shorter lengths.
Measure accurate door width, determine if the header and track assembly should be cut to accommodate shorter door size before installing. (See cutting instructions on page 9.)

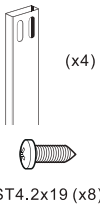
Slip slots in Frame Header End Plates over nails in rough studs. Level header.
Set nails and drive nails through remaining holes in end plates.



Installation

3 INSTALL THE SPLIT TUBES

G



NOTE : The bottom of the split tube is the end without the slots. If the split tubes must be cut for shorter door heights, determine which end of the split tube has the slots and cut off the other end.

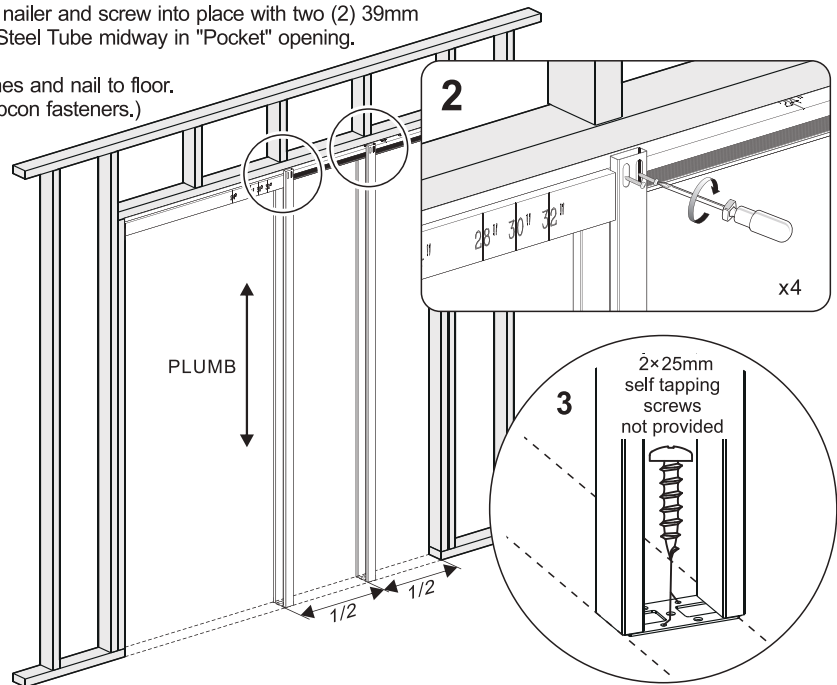
1. Slip fingers of Floor Plate into Split Steel Tube as shown.
2. Butt two Split Steel Tube against header nailer and screw into place with two (2) 39mm X #8 Pan Head Screws. Attach other Split Steel Tube midway in "Pocket" opening.
3. Plumb Split Steel Tube between chalk lines and nail to floor. (On masonry, use industrial adhesive or Tapcon fasteners.)

H



CUT THIS END FOR SHORTER DOORS

1

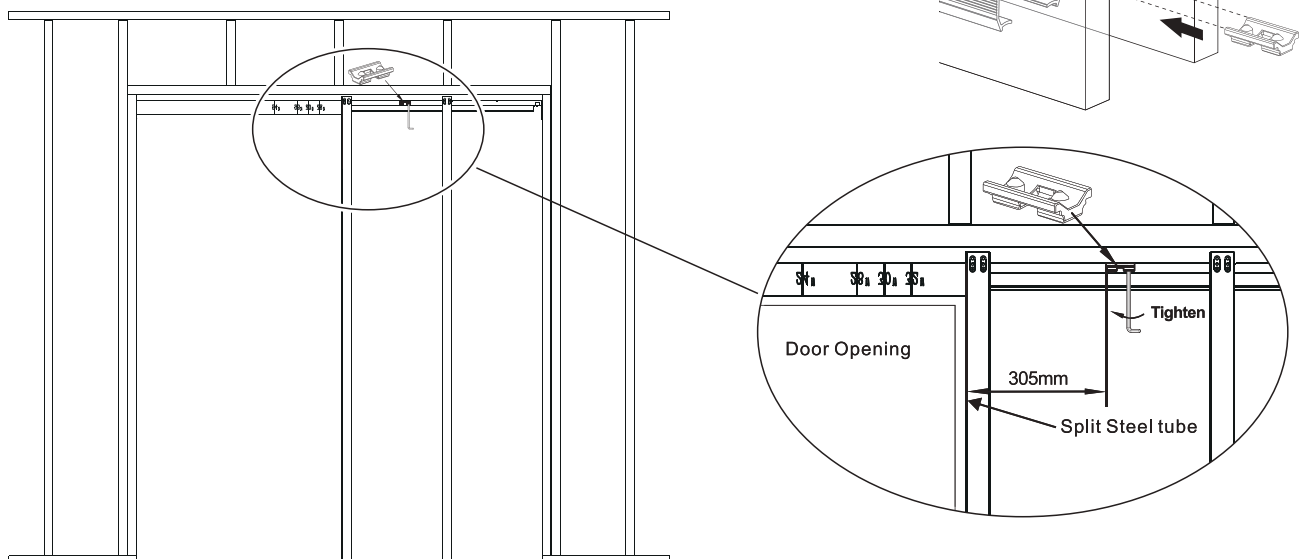


4 INSTALL SOFT CLOSE ACTUATOR

F



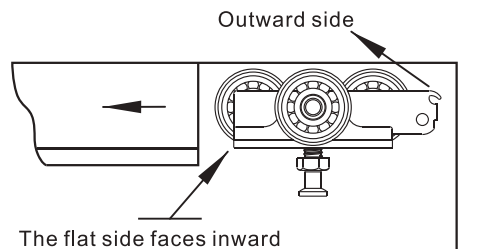
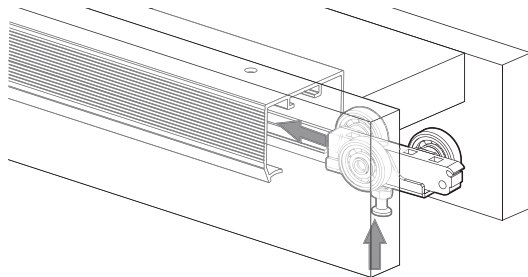
Place the 1st soft close actuator/trigger into the track and have it 305mm far from the edge of the first split steel tube (close to door opening). Tighten it to the track.



Installation

5 INSTALL HANGER WITHOUT SOFT CLOSE

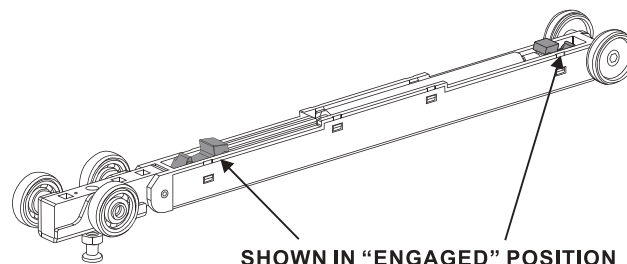
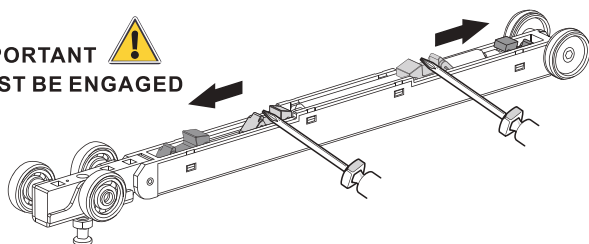
C  (x1) INSERT Ball Bearing Hanger Wheel assembly into Track, leave untightened as this will be done in step 10.



6 ENGAGE SOFT CLOSE DAMPENER

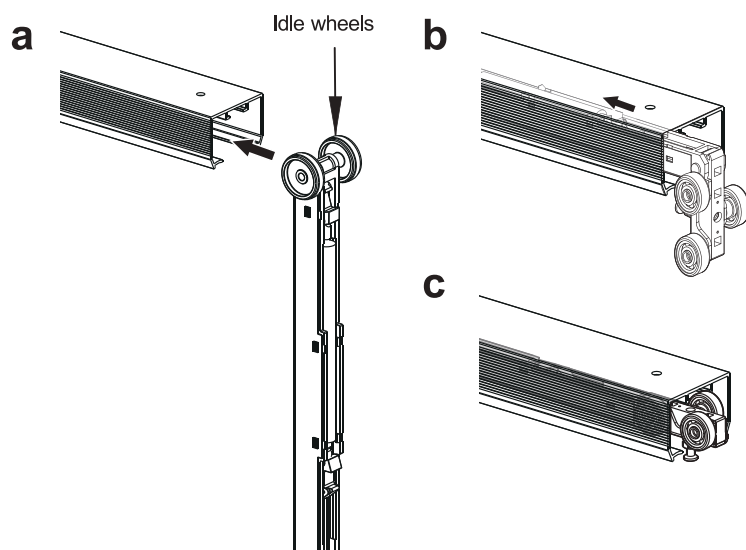
B  (x1) Pushing Soft Close Damper trigger toward "engaged" positions on both side. **Important** : Damper must be **engaged**, or soft close will not work. If installed incorrectly, Soft Close Damper may be **damaged** and door will have to be removed, and the installation of Soft Close will have to restart again.

IMPORTANT  **MUST BE ENGAGED**

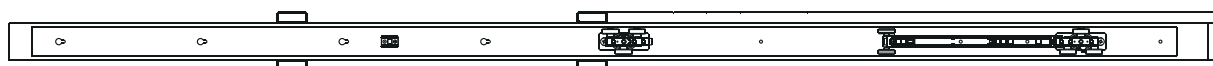


SHOWN IN "ENGAGED" POSITION

7 INSTALL SOFT CLOSE HANGER



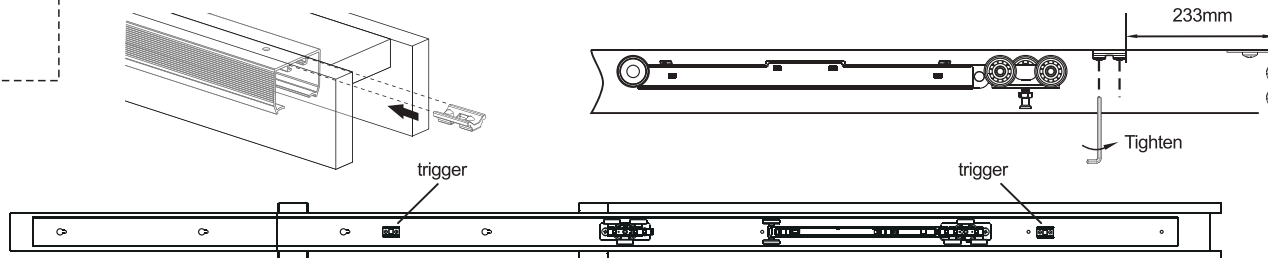
Rotate the hanger (three wheel part) to 90 ° and move soft close body first inside the track , then also move the hanger inside the track.



Installation

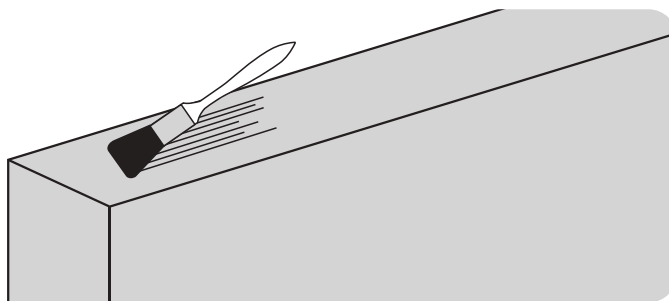
8 INSTALL SOFT CLOSE ACTUATOR

F Place the 2nd soft close actuator/trigger into the track and have it 233mm from the end plates. Tighten it to the track.



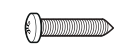
9 PREPARE DOOR PANEL

Apply desired wall material and seal all edges and face of door panel with paint or sealing stain.



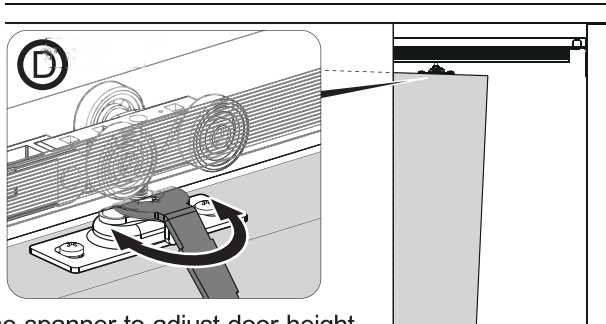
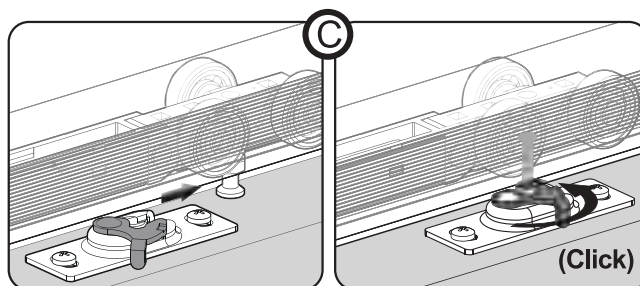
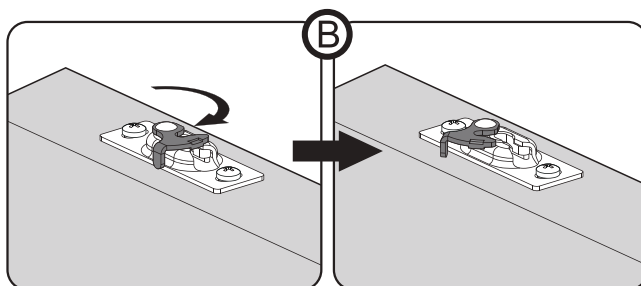
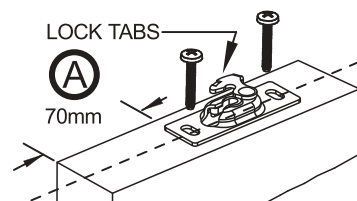
10 INSTALL DOOR PLATES ON DOOR PANEL

B/C

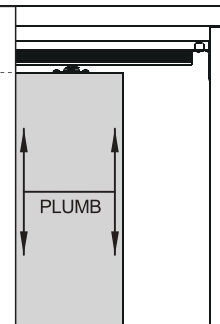


ST5.5x32 (x4)

AB/Attach door plates on top of door 70mm from each edge with lock tabs on the same side.
CD/Mount door by locating door plate under adjusting bolt of hanger. Lift door and push bolt into door plate, then click the tab in place. Repeat with other hanger/door plate.



Use spanner to adjust door height.

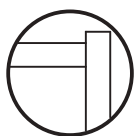
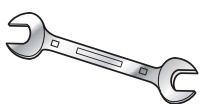


Installation

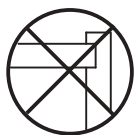
11 FINISH THE JAMBS AND TRIM

Fasten split header on lock lever side with screws for future door removal or adjustment. Install the finish trim or casing. Make sure to fasten the finish header trim to **ONLY** the wall and **NOT** the finish split header. This ensures the finish split header can be removed later without damage.

NOTE: Leave minimum 5mm clearance between jamb and door.

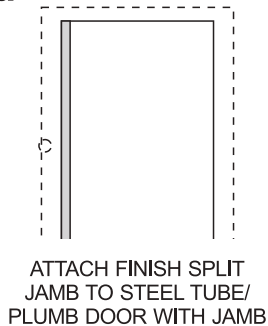


YES



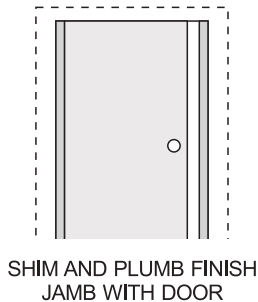
NO

a



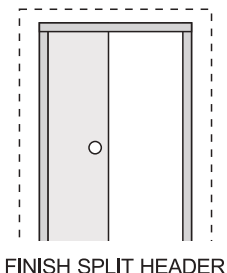
ATTACH FINISH SPLIT JAMB TO STEEL TUBE/
PLUMB DOOR WITH JAMB

b



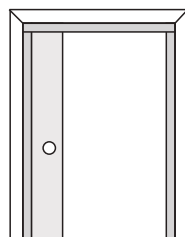
SHIM AND PLUMB FINISH JAMB WITH DOOR

c

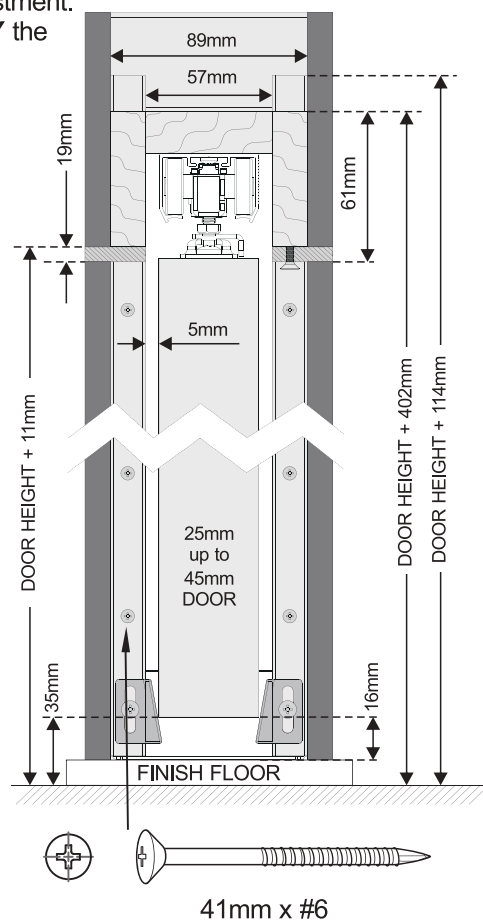


FINISH SPLIT HEADER

d



FINISH TRIM



12 INSTALL DOOR GUIDE

I

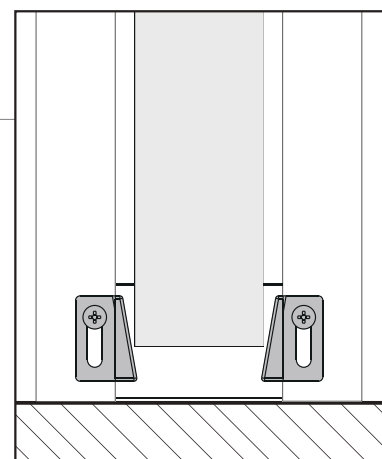
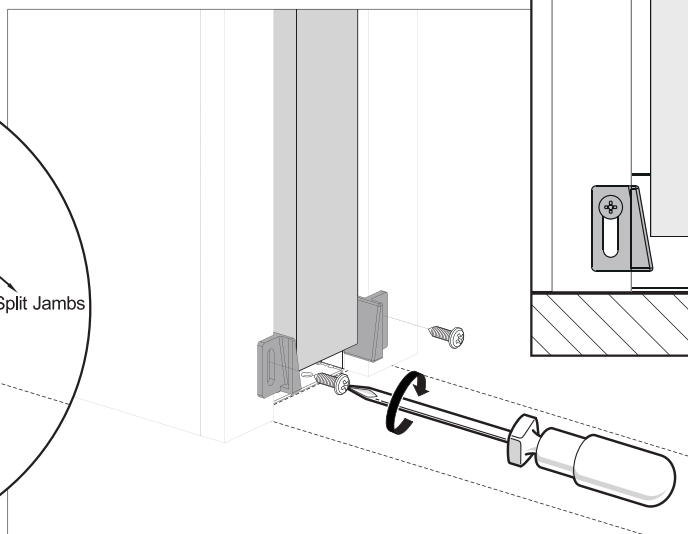
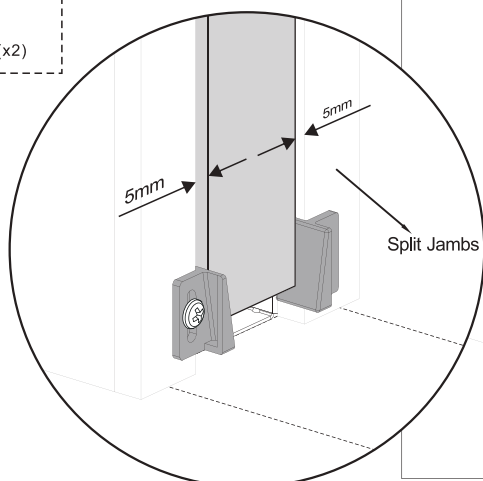


(x2)



ST4.2x13 (x2)

Fasten Guides on finished split jambs at door bottom so door is held in center of opening.



Cutting Instructions

- 1** Remove the adjustable end bracket.

Figure 1

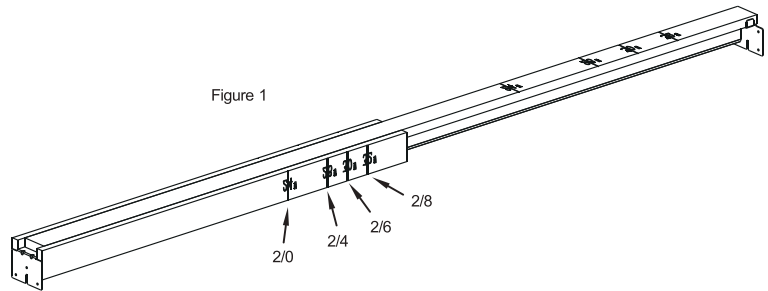
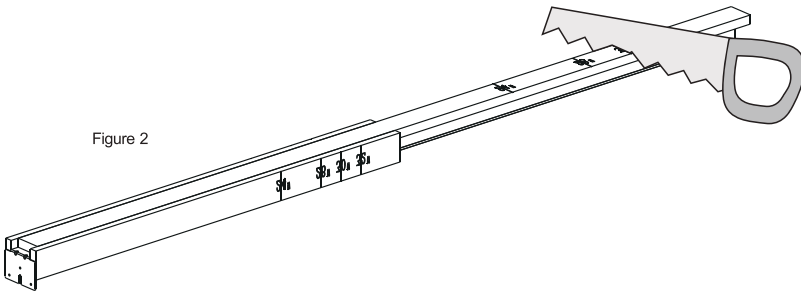
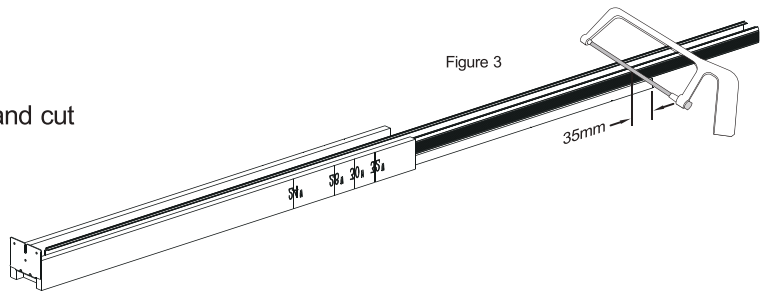


Figure 2



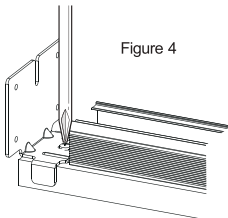
- 2** Cut wood header to desired length.

Figure 3



- 3** Turn header and track assembly back over and cut the track 35mm shorter than wood header.

Figure 4



- 4** At the new cut end of header, reinsert the adjustable end bracket

- 5** Turn the header on side and cut the nailing boards to marked length. Make sure not to cut the track or the wood header.

Figure 5

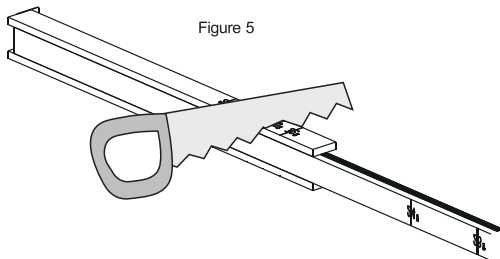
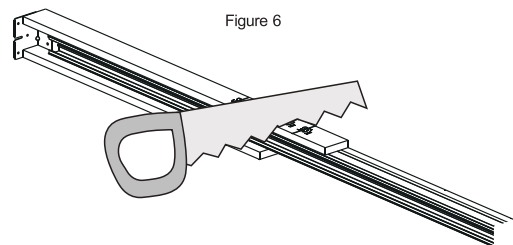


Figure 6



- 6** Turn header and cut the other side.

Cutting header for Non-standard door width :

1. Measure door width and multiply by 2, then add 25mm.
2. Mark header and cut following step 2. Then cut track following step 3.
3. Measure door width and add 22mm.
4. Mark header nailing boards and cut following step 5 & 6.