

ASPIRE

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VISION BI-FOLDS

INSTALLATION INSTRUCTIONS

TAKE NOTE

Please ensure all components are in good condition before you start.

Only fit this set using the supplied framework and hardware. Do not attempt to install in unspecified configurations. Failure to adhere to this will invalidate your warranty.

Ensure all timber components are painted, stained or varnished before you start.

PLEASE BE AWARE

This set must be installed by two competent trades-people.

This set is top hung, so must be fixed upwards into a supporting structure capable of taking the product load.



BEFORE YOU BEGIN

You will need:

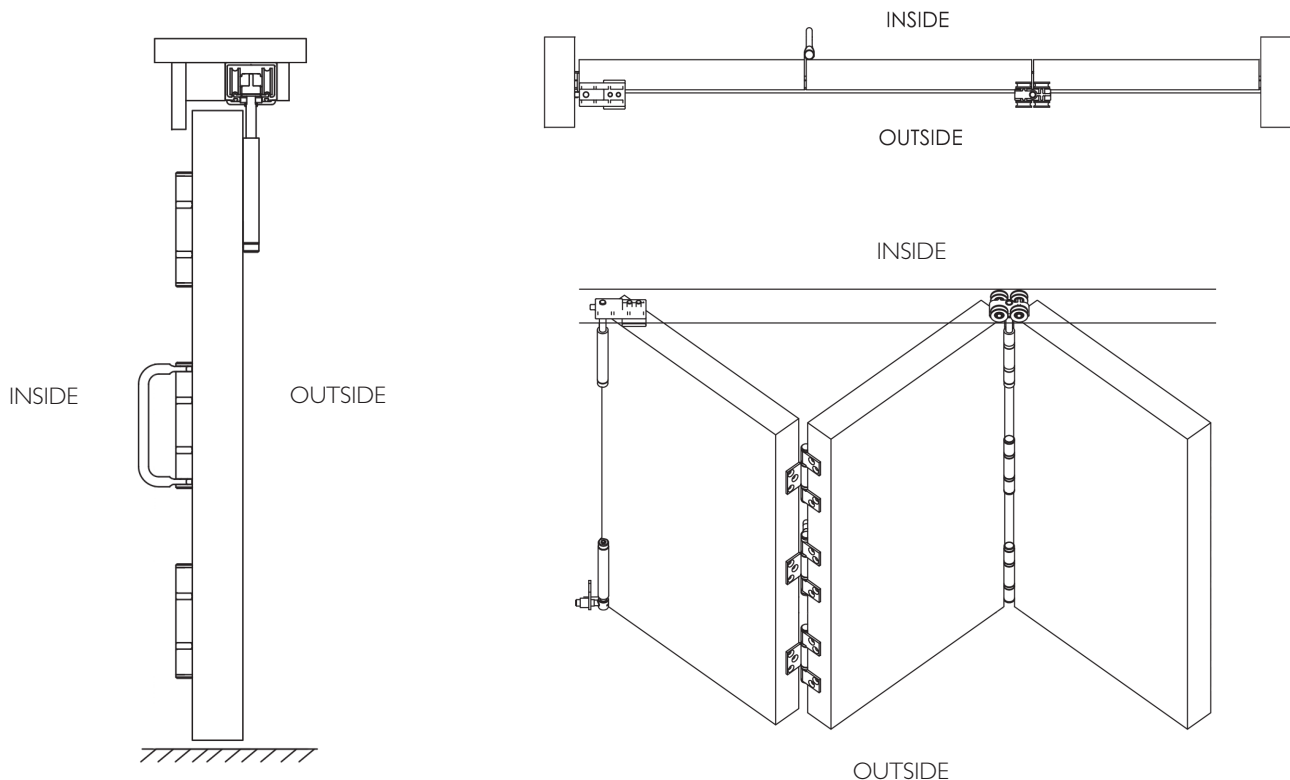
- Instant grab adhesive
- Fixings suitable for your surrounding structure
- 25mm router bit and router
- Plastic packers
- Power drill and driver
- 2.5mm drill bit, plus bits suitable for your chosen fixings
- Pozidrive screw driver bit
- Multi-purpose saw

Throughout these instructions, some diagrams refer to the “Inside” and “Outside” of the set. This is simply a way of specifying the sides of the bi-fold. The doors of the bi-fold will always hang on the “Outside” face of the set, so bear this in mind when deciding which way to fit the doors in the aperture.

Handles and a latch are not supplied as part of this set.

SYSTEM OVERVIEW

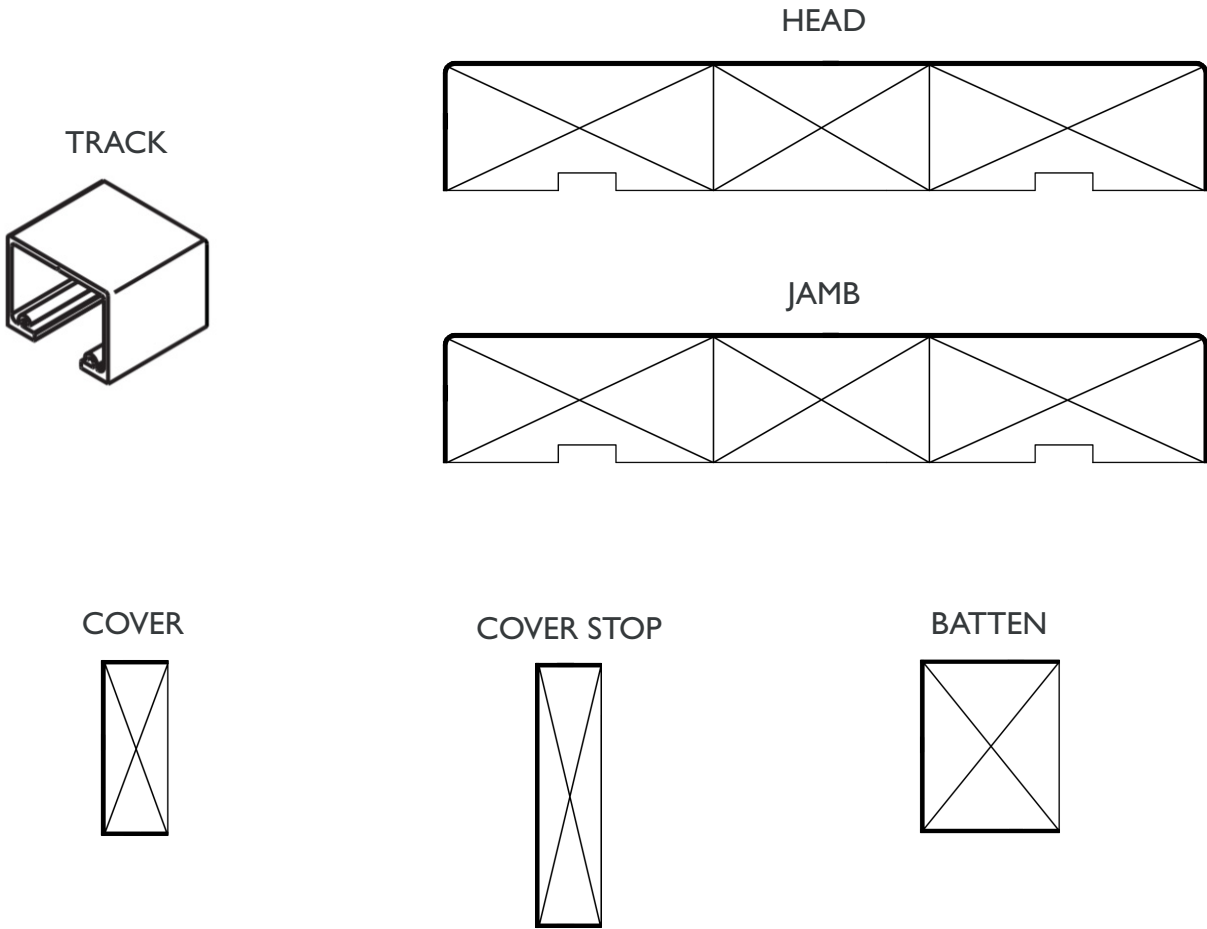
EXAMPLE 3+0 SET



FRAME & TRACK COMPONENTS

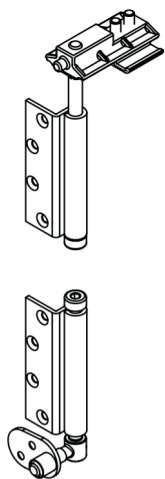
PLEASE NOTE: Depending on the size of set that you purchased, your **track, frame head, packing batten** and **covers** will either be 2000mm, 3000mm, or 4000mm in length. **These will be trimmed to size as part of the assembly and installation process.**

COMPONENT	QTY	SIZE
TRACK	1	2000/3000/4000 x 40 x 30mm
HEAD	1	2000/3000/4000 x 133 x 28mm
JAMBS	2	2030 x 133 x 28mm
PACKING BATTEN	1	2000/3000/4000 x 30 x 24mm
COVER	1	2000/3000/4000 x 30 x 11mm
COVER STOP	1	2000/3000/4000 x 45 x 11mm

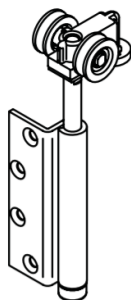


HARDWARE COMPONENTS

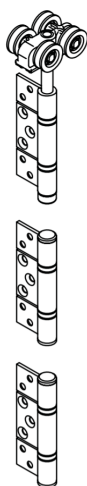
Use the tables below to check you have the correct components for your opening configuration in the hardware box(es) supplied with your set.



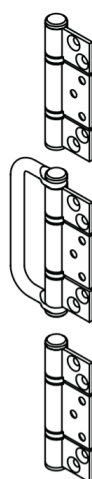
BWS1F-35HSS
PIVOT SET



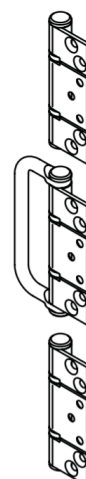
BWS2F-35CHSS
END CARRIER
SET



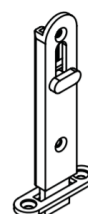
BWS4F-35CHSS
INTERMEDIATE
CARRIER SET



BW3-35HSS
HINGE HANDLE
SET



BW7-35HSS
OFFSET HINGE
HANDLE SET



360SN
FLUSH BOLT

2+0	
COMPONENT	QTY
BWS1F-35HSS	1
BWS2F-35CHSS	1
BW3-35HSS	1
360SN	1

2+1	
COMPONENT	QTY
BWS1F-35HSS	2
BWS2F-35CHSS	1
BW3-35HSS	1
360SN	1

3+0	
COMPONENT	QTY
BWS1F-35HSS	1
BWS4F-35CHSS	1
BW7-35HSS	1
360SN	1

3+1	
COMPONENT	QTY
BWS1F-35HSS	2
BWS4F-35CHSS	1
BW7-35HSS	1
360SN	2

4+0	
COMPONENT	QTY
BWS1F-35HSS	1
BWS2F-35CHSS	1
BWS4F-35CHSS	1
BW7-35HSS	2
360SN	2

5+0	
COMPONENT	QTY
BWS1F-35HSS	1
BW3-35HSS	1
BWS4F-35CHSS	2
BW7-35HSS	1
360SN	2

PREPARE THE APERTURE & FRAME

Use the tables below to build your aperture (AP) to the correct size for your set. Once the aperture is built, cut your **frame head** to the designated frame width. Cut your **track, packing batten, cover** and **cover stop** to 56mm narrower than your designated frame width.

2 DOOR PANELS				
PANEL SIZE	AP. WIDTH	AP. HEIGHT	FRAME WIDTH	FRAME HEIGHT
533mm (21")	1147mm	2070mm	1137mm	2060mm
573mm (22.5")	1227mm	2070mm	1217mm	2060mm
610mm (24")	1301mm	2070mm	1291mm	2060mm
686mm (27")	1453mm	2070mm	1443mm	2060mm
762mm (30")	1605mm	2070mm	1595mm	2060mm

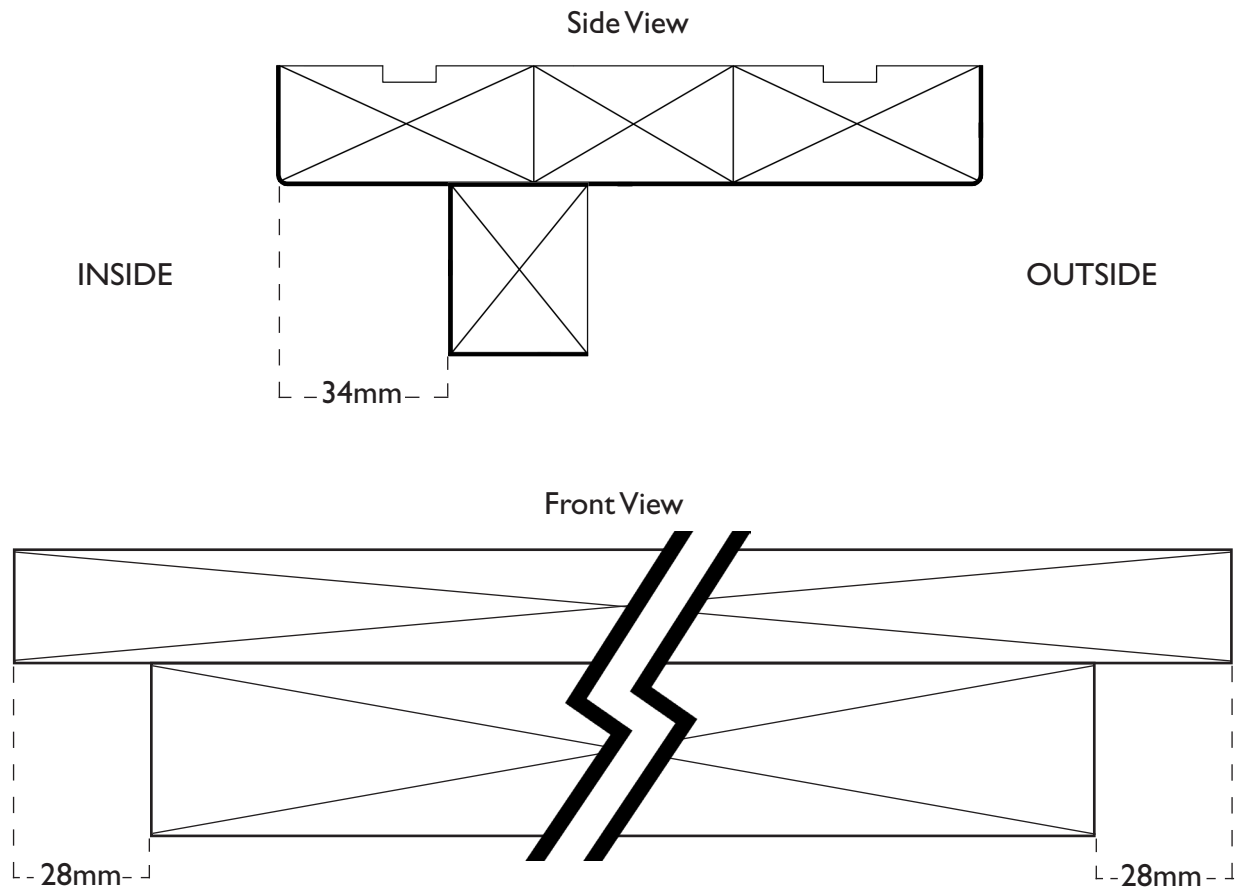
3 DOOR PANELS				
PANEL SIZE	AP. WIDTH	AP. HEIGHT	FRAME WIDTH	FRAME HEIGHT
533mm (21")	1683mm	2070mm	1673mm	2060mm
573mm (22.5")	1803mm	2070mm	1793mm	2060mm
610mm (24")	1914mm	2070mm	1904mm	2060mm
686mm (27")	2142mm	2070mm	2132mm	2060mm
762mm (30")	2370mm	2070mm	2360mm	2060mm

4 DOOR PANELS				
PANEL SIZE	AP. WIDTH	AP. HEIGHT	FRAME WIDTH	FRAME HEIGHT
533mm (21")	2219mm	2070mm	2209mm	2060mm
573mm (22.5")	2379mm	2070mm	2369mm	2060mm
610mm (24")	2527mm	2070mm	2517mm	2060mm
686mm (27")	2831mm	2070mm	2821mm	2060mm
762mm (30")	3135mm	2070mm	3125mm	2060mm

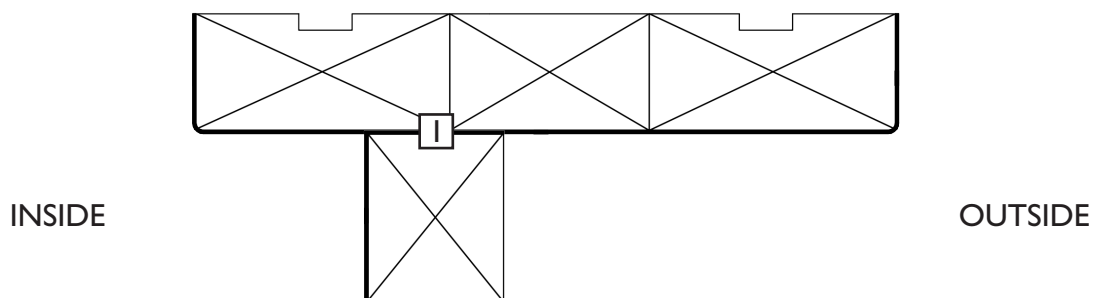
5 DOOR PANELS				
PANEL SIZE	AP. WIDTH	AP. HEIGHT	FRAME WIDTH	FRAME HEIGHT
533mm (21")	2755mm	2070mm	2745mm	2060mm
573mm (22.5")	2955mm	2070mm	2945mm	2060mm
610mm (24")	3140mm	2070mm	3130mm	2060mm
686mm (27")	3520mm	2070mm	3510mm	2060mm
762mm (30")	3900mm	2070mm	3890mm	2060mm

ASSEMBLE THE FRAME

Arrange the **packing batten** on the **frame head** as per the diagrams below.

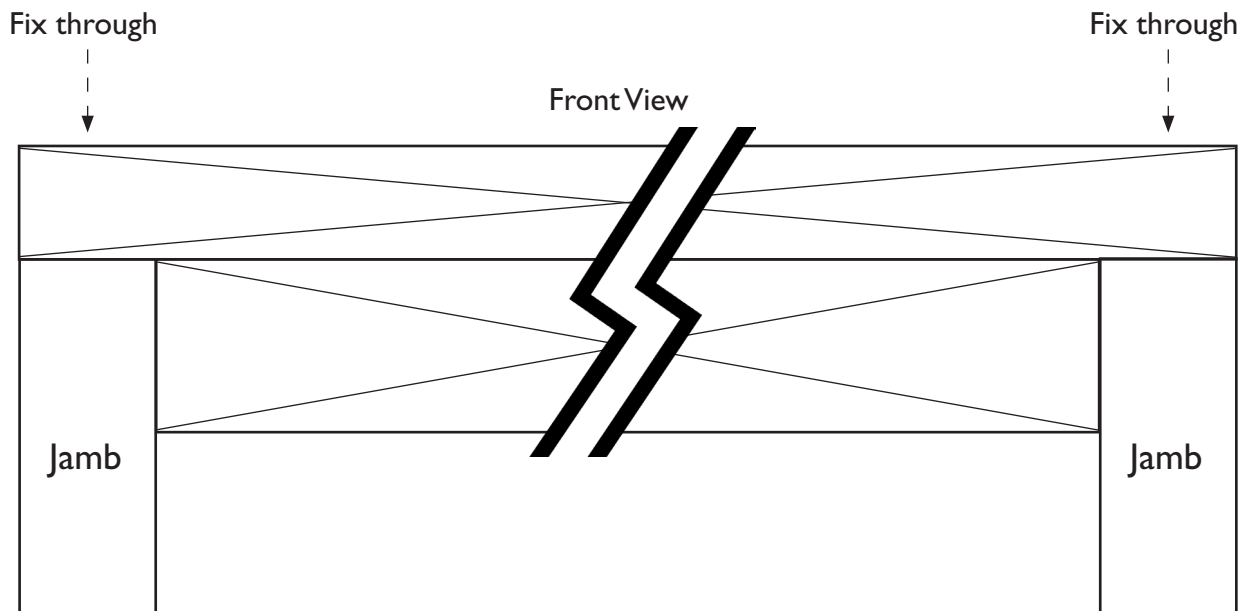


Using an instant grab adhesive, glue the **packing batten** to the **frame head** along edge **I**.
Make sure you glue the component in the positions detailed above.



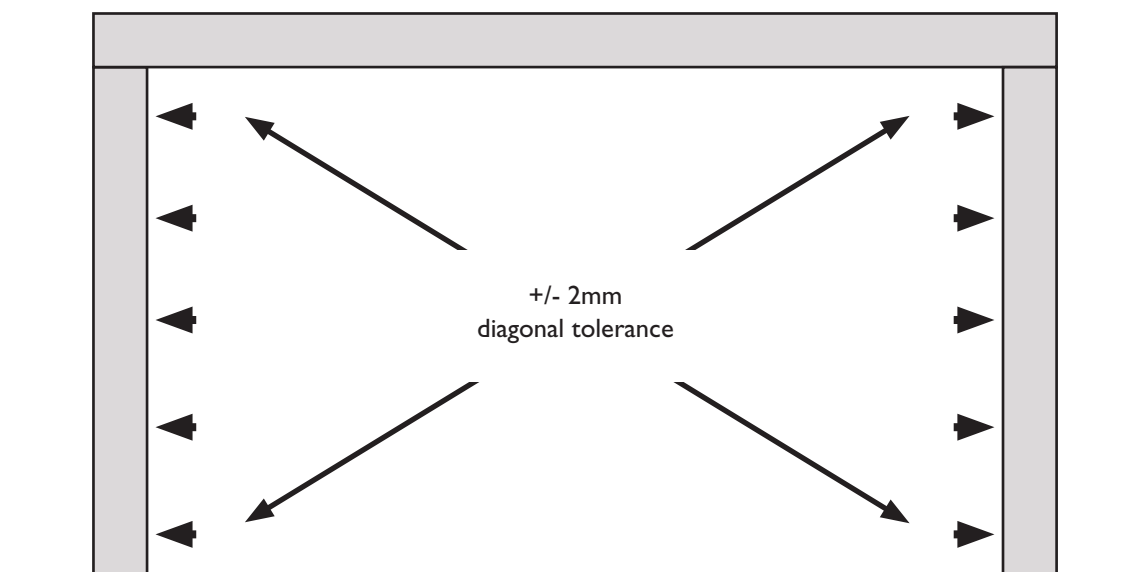
ASSEMBLE THE FRAME

Slot the two **frame jambs** either side of the **packing batten**. Pre-drill two holes through the top of the **frame head** into each of the **jambs**, then fix through using woodscrews.



FIT THE FRAME

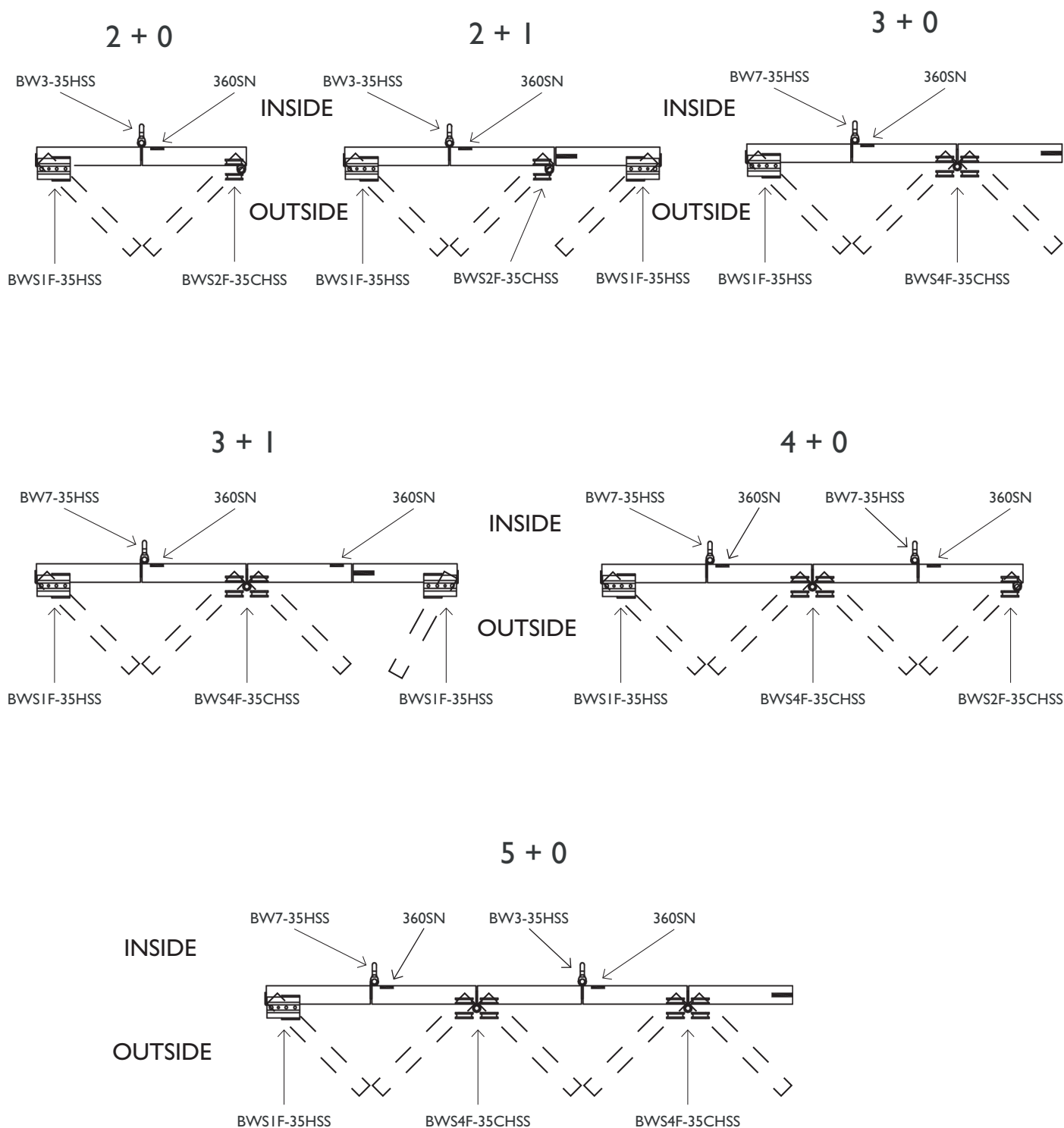
Taking note that the doors will open away from the **packing batten**, offer the frame up to your opening and pre-drill through the **jambs** at 450mm centres. Fix through the pre-drilled holes into the surrounding walls. **Pack out as necessary to ensure jambs are vertically level.**



HARDWARE CONFIGURATION

Now the frame is fixed in the opening through the jambs, use the diagrams below to determine the hardware positions for your configuration.

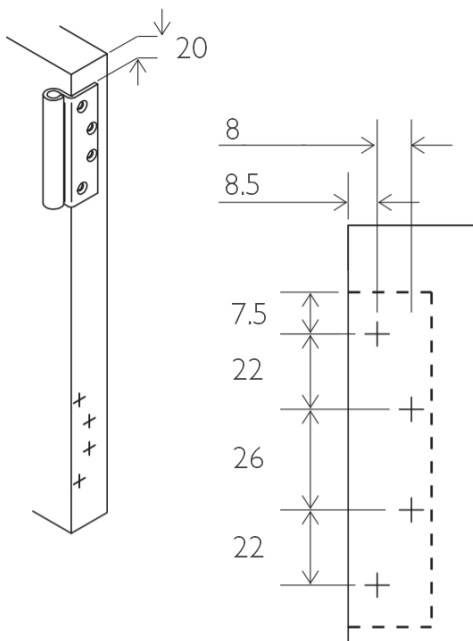
All the diagrams below show hardware positions for configurations opening from the right to the left. The hardware order can be reversed to change the direction of opening.



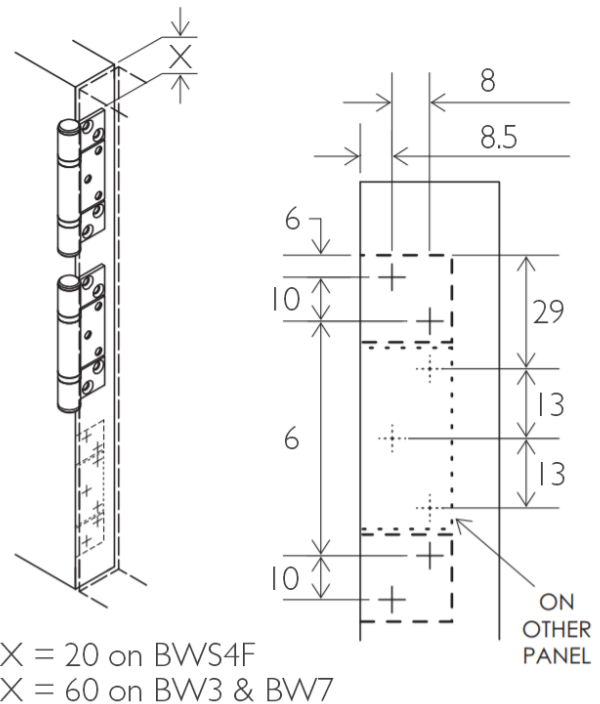
HINGE PREPARATION

With a 2.5mm drill bit, drill pilot holes for the hinges into the door panels. Use the two diagrams below to determine your pilot hole positions depending on which hinge set you are preparing for.
DO NOT FIT HINGES AT THIS STAGE.

BWS1F & BWS2F

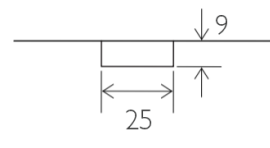
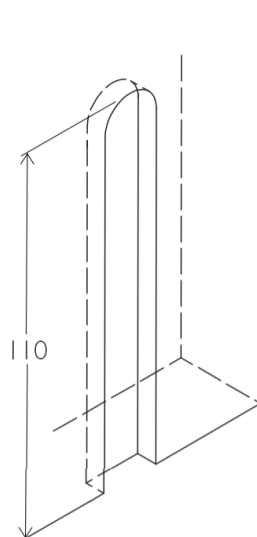


BW3, BWS4F & BW7



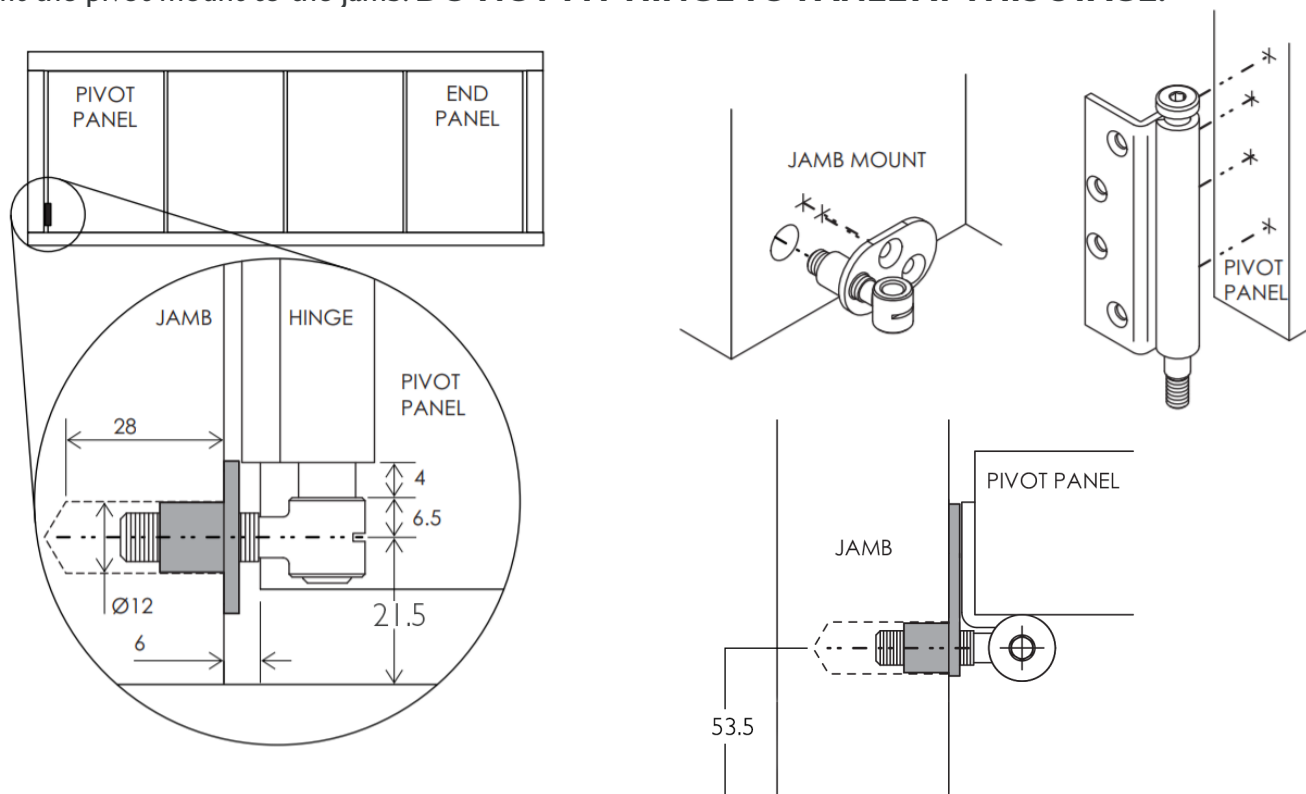
SHOOTBOLT POSITIONS

Using a 25mm router bit, rout out in the necessary positions and fit the 360SN shootbolt(s).



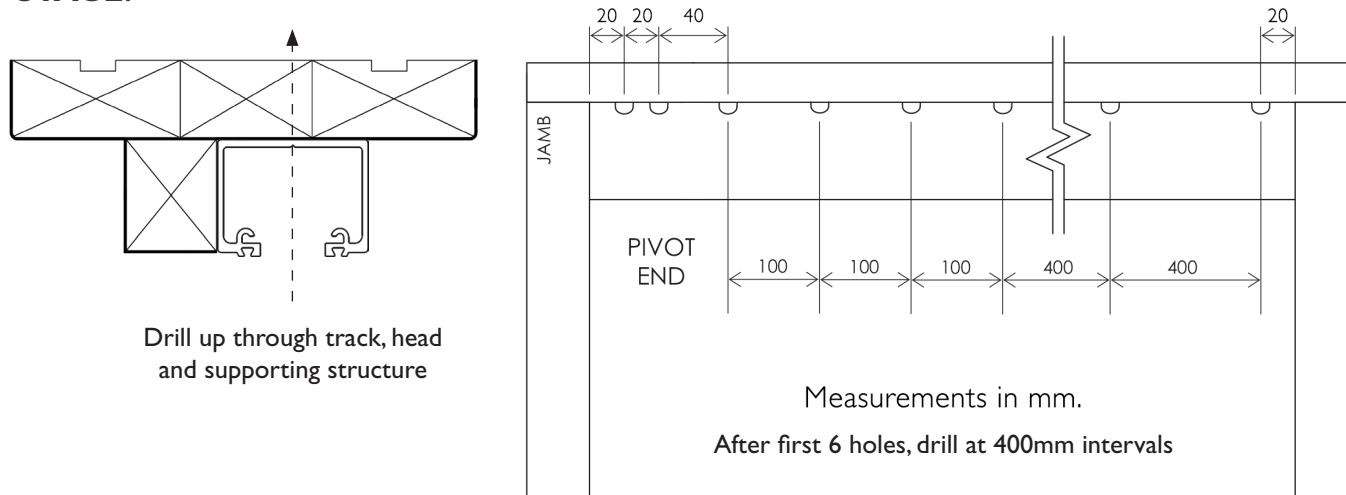
FIT THE BOTTOM PIVOT MOUNT

For all doors to be fitted using the BWSIF-35CHSS end pivot set, use the diagrams below to fit the pivot mount to the jamb. **DO NOT FIT HINGE TO PANEL AT THIS STAGE.**



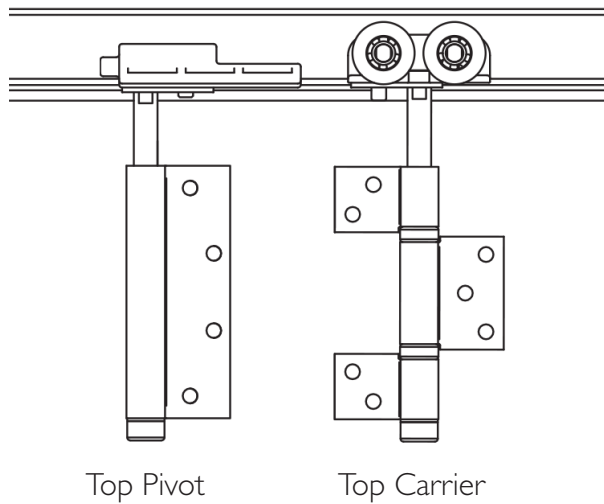
PRE-DRILL TRACK & HEAD

Offer the **track** up to the **frame head** against the **packing batten**. Pre-drill up through the **track** and **head** into your supporting structure in the positions detailed below. **DO NOT FIX AT THIS STAGE.**



INSERT TOP PIVOTS & CARRIERS

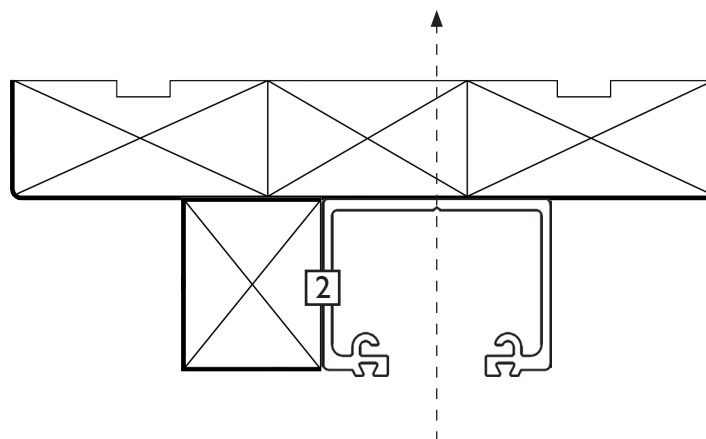
Remove the **track** from the **head** section. Insert all **top pivots** and **carriers** into the **track** in the correct order for your opening configuration.



EXAMPLE
3+0 set opening in
a 3L configuration

FIX THE TOP TRACK

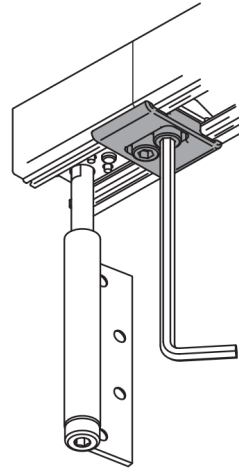
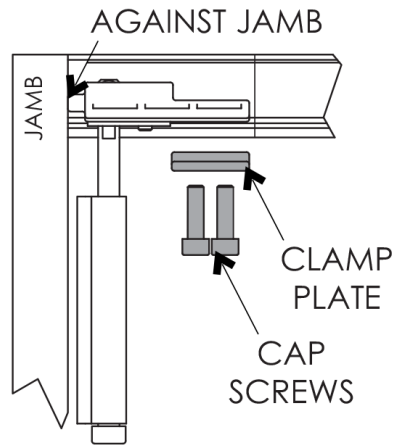
Apply a light amount of instant grab adhesive along face **2** of the **packing batten**. With the **top pivots** and **carriers** still inserted, align the **track** up against face **2** of the **packing batten** and fix up through the pre-drilled holes into the supporting structure.



Fix up through track, head
and supporting structure

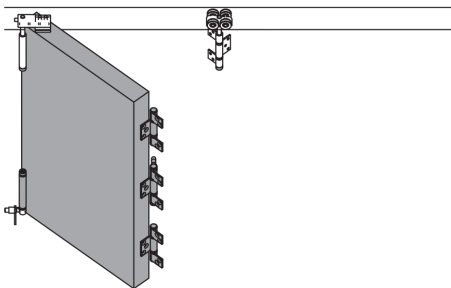
LOCK TOP PIVOTS

For all **top pivots**, push up against the relevant **jamb** and lock in place with the clamp plate and screws, using the allen key provided.

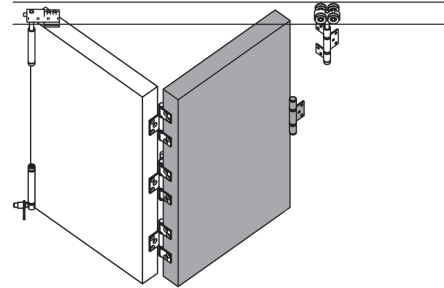


HANG THE DOORS

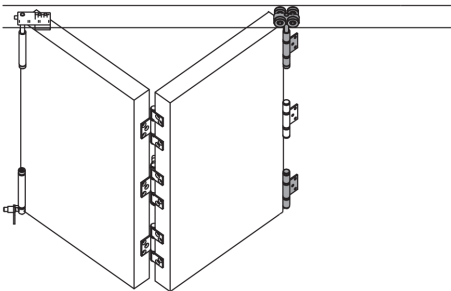
1. Bring pivot panel to pivots



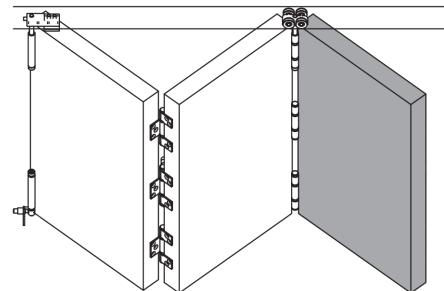
2. Bring 2nd panel to pivot panel



3. Fit carrier set to 2nd panel



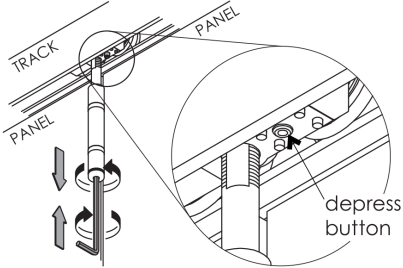
4. Bring 3rd panel to carrier set



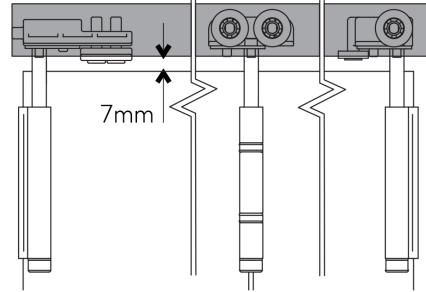
REPEAT STEP 1 FOR ANY REMAINING PIVOT DOORS, OR STEPS 2 -3 FOR ANY REMAINING CARRIER PANELS.

ADJUST THE DOORS

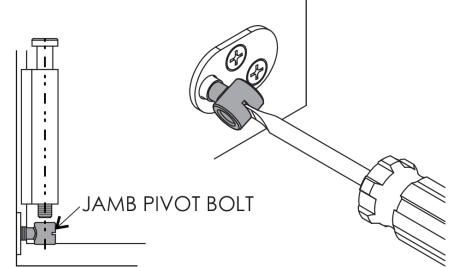
To adjust height, depress button and wind bolt. Bolt locks off automatically on flats.



Adjust all hangers and top pivot until panels are level with track



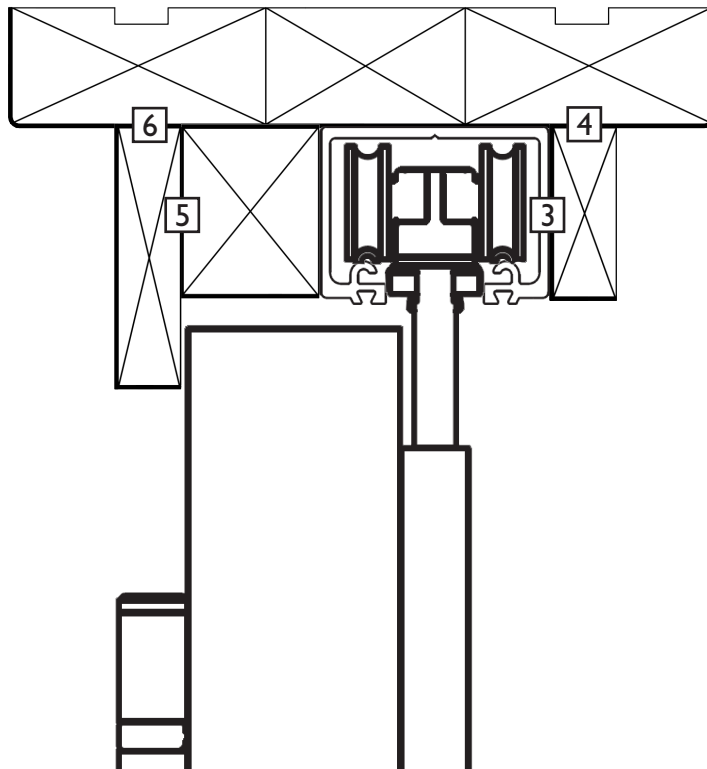
Wind jamb pivot bolt in or out until it aligns with hinge bolt on panel after top pivot is set.



FIT COVER & COVER STOP

Apply a generous amount of instant grab adhesive along faces **3** and **4** of the **cover**. Secure in place up against the **track** and **head**.

Apply a generous amount of instant grab adhesive along face **5** of the **packing batten** and face **6** of the **cover stop**. Secure the **cover stop** in place up against the **head** and **packing batten**.



CARE & MAINTENANCE

Hardware is subject to deterioration from everyday use and from the environment that it is in. In particular, it is important that routine maintenance be carried out in industrial applications.

General

Inspect all fixing bolts for tightness every six months, including those securing brackets. Tighten if necessary.

Routinely check for wear and if excessively worn, the part should be replaced.

Track

Keep track free from obstruction and excessive dirt or water. Visible surfaces should be cleaned using a damp cloth and mild detergent, then wiped dry.

Hangers & Pivots

All hangers are fitted with lubricated ball-bearings or plain bearings, requiring no greasing. If doors 'settle' and door clearance is reduced causing friction, raise the door by the hanger adjustment nuts.

Wash as per the above recommendation and apply a light application of corrosion preventative to all surfaces, using a dry cloth to remove excess.

Guides

Guide roller and guide channel must be kept clear and free of obstructions.

Wash as per the above recommendation and apply a light application of corrosion preventative to all surfaces, using a dry cloth to remove excess.

Rollers

All bottom rails should be free from obstruction and excessive dirt or water. Visible surfaces should be cleaned using a damp cloth and mild detergent, then wiped dry. All rollers are fitted with sealed precision bearings requiring no maintenance.

Hinges

Visible surfaces should be cleaned using a damp cloth and mild detergent, then wiped dry. Apply a light application of corrosion preventative to all surfaces, using a dry cloth to remove excess.

Flush Bolts

Visible surfaces should be cleaned using a damp cloth and mild detergent, then wiped dry. Apply a light application of lubricant to internal mechanisms and bolt using a suitable nozzle-spray.

