Codes

Brid Weatherfold 4s 50 & 10

Brio Australia

P: +61 2 87186718 W: brio.com.au

E: brio.sales@allegion.com

Brio UK

7 (Offset Hinge Handle Set)

P: +44 191 2291224

W: briouk.com

E: brio.sales.uk@allegion.com

Brio USA

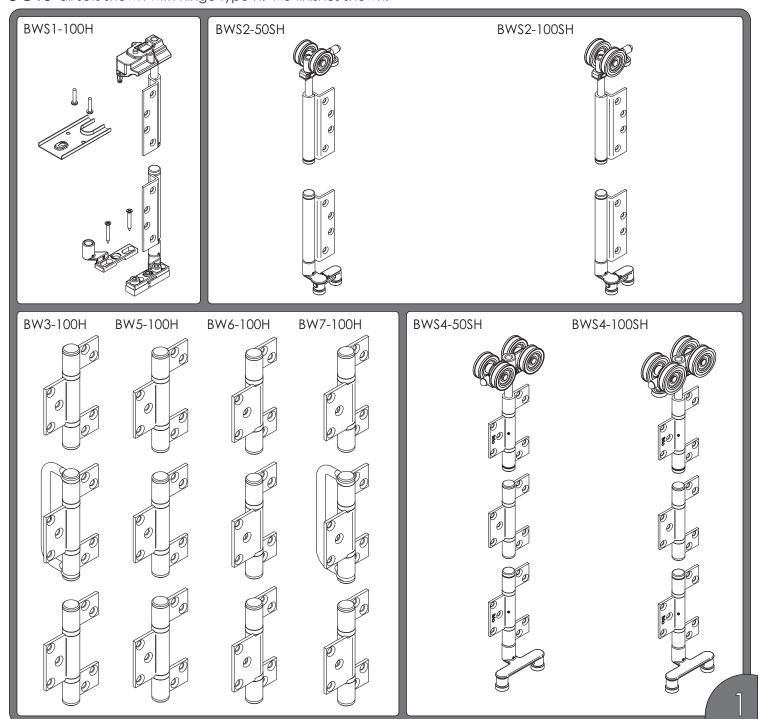
P: +1 585 3195599

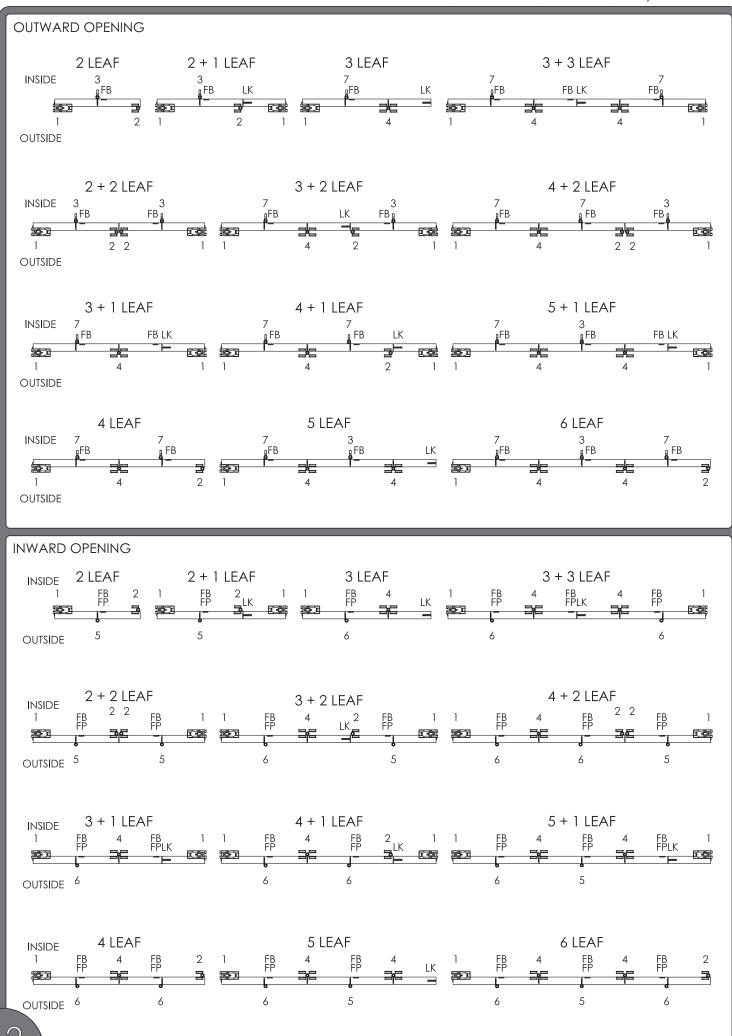
W: briousa.com

E: brio.sales.usa@allegion.com

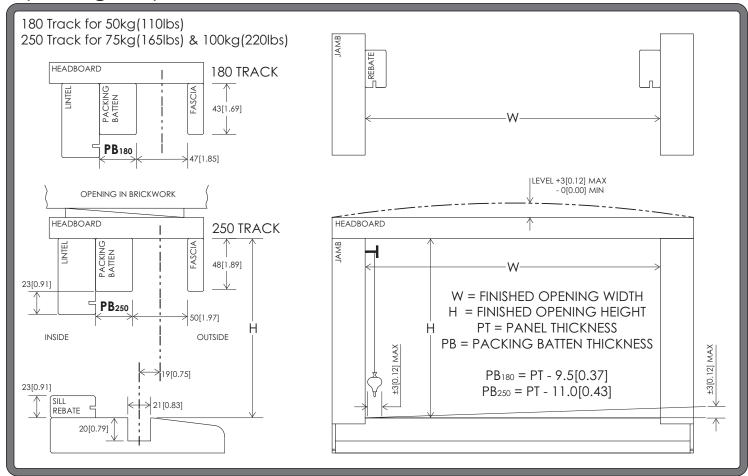


Sets all sets shown with hinge type H. No finishes shown.

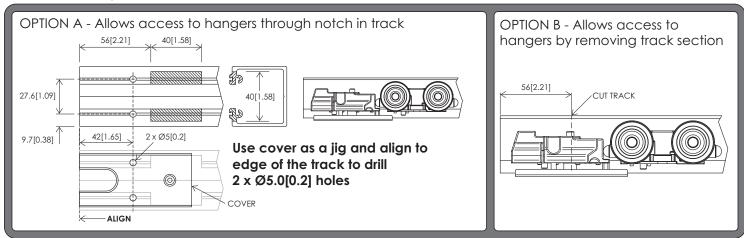




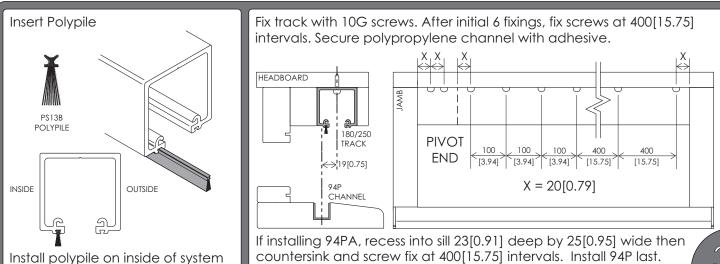
Opening Preparation outward opening system shown, dimensions shown in mm[inches]



Track Preparation track and chanel cut to length 'W' (finished opening width)

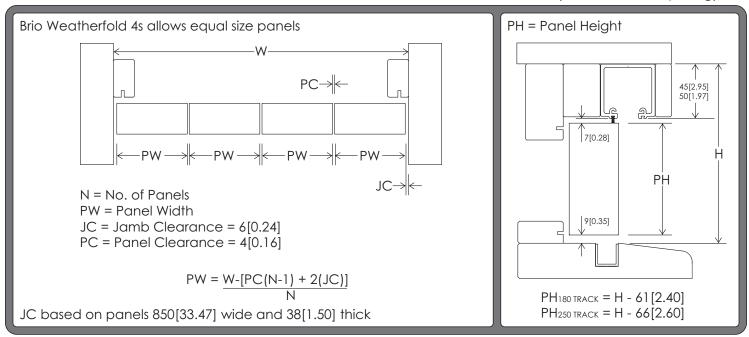


Install Track & Channel

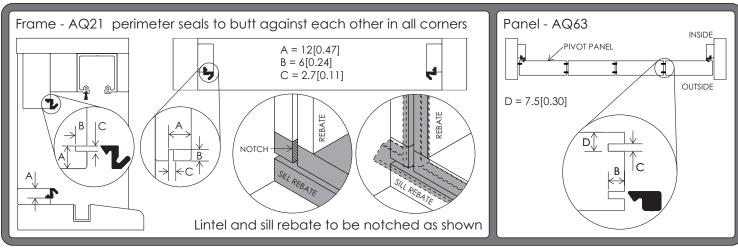


3

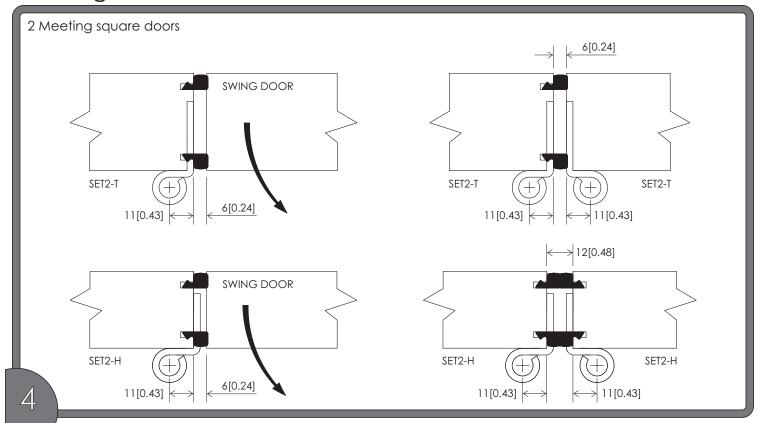
Panel Size Calculation free leaf width calculator available from Brio (includes BOM & pricing)

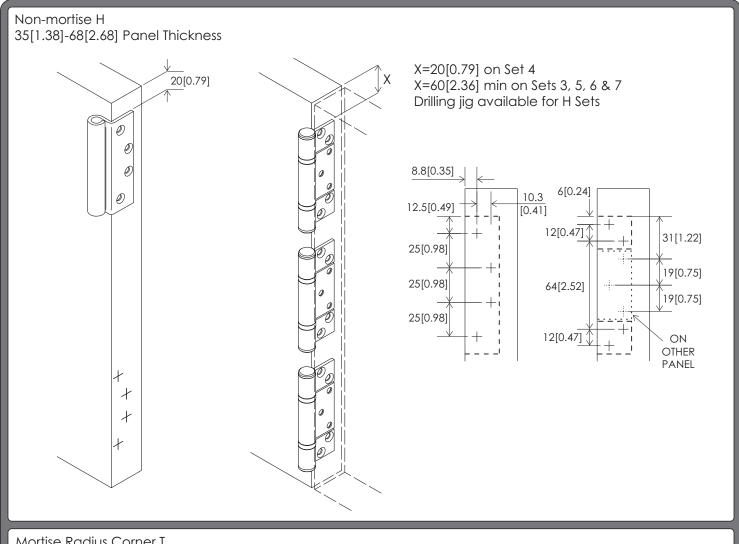


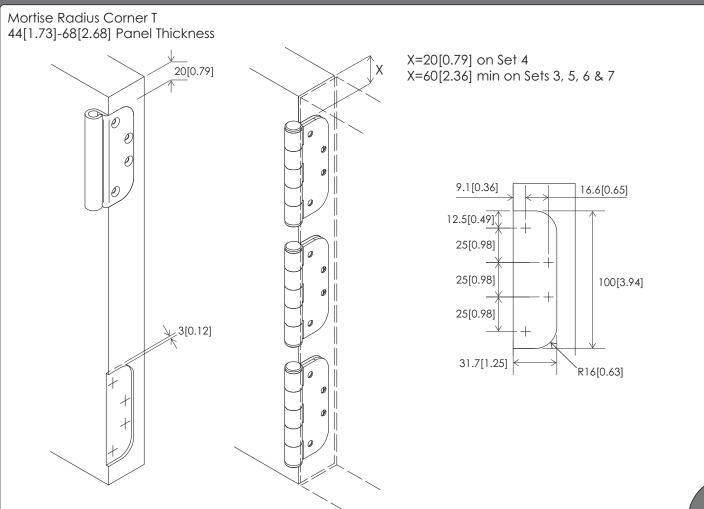
Seal Preparation left, outward opening system shown



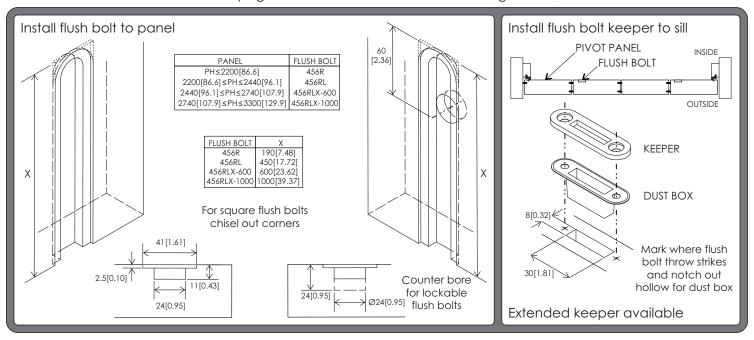
Meeting Door Selection



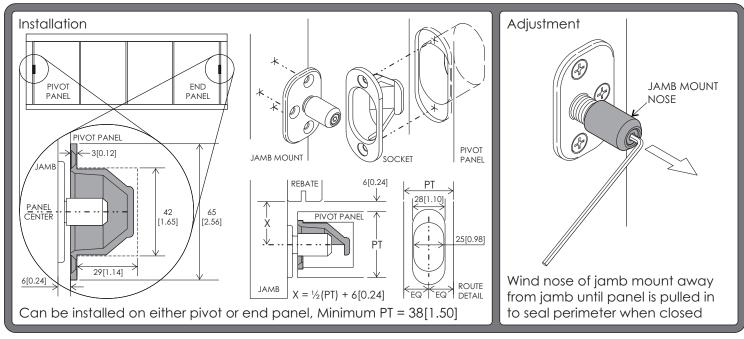




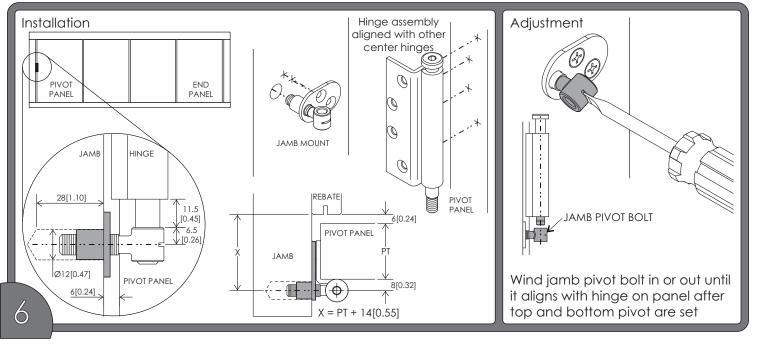
Flush bolt Position see page 2 for flush bolt location for all configurations, router available



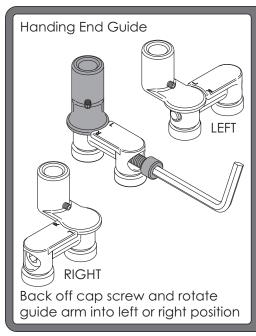
Optional Security Aligner 199SS aligns panel to seal perimeter, secures against lifting

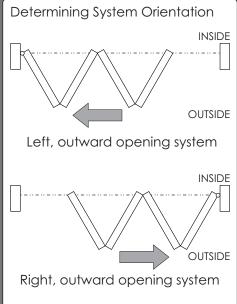


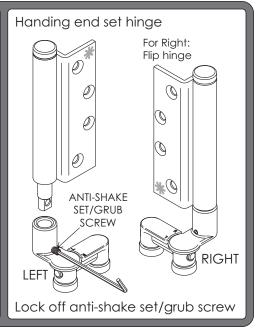
Optional Jamb Pivot BW189H_non mortice type H shown but all hinge types available



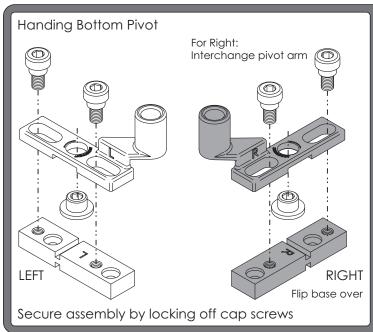
End Guide when viewed from outside doors folding left need a left end guide and vice versa for right

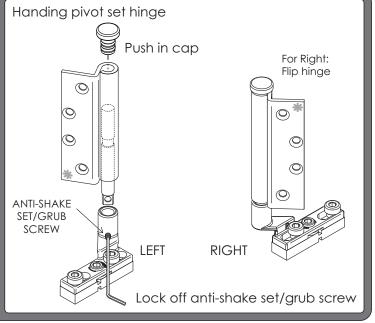




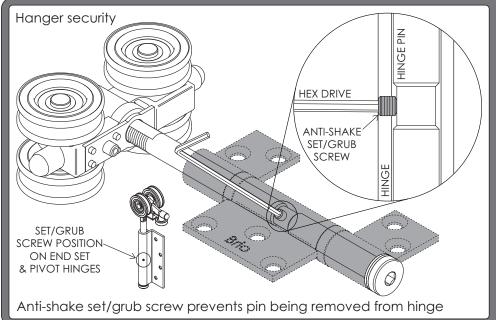


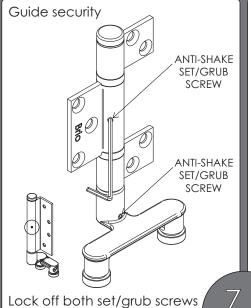
Bottom Pivot when viewed from outside doors folding left need a left pivot and vice versa for right



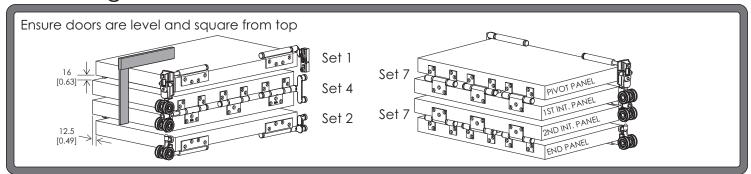


System Security type H hinge shown but security set/grub screw applicable in hinge types T and M too

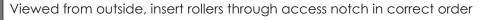


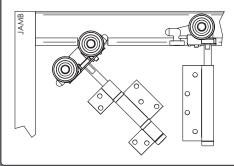


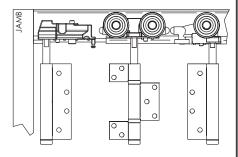
Attaching Hardware to Panels recommended before installation

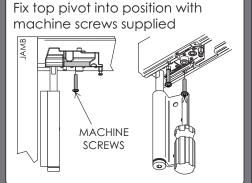


Installing Hardware and Hanging Panels clean down inside of track and channel

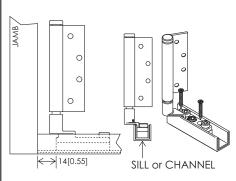






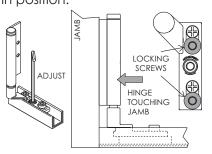


Place bottom pivot in channel

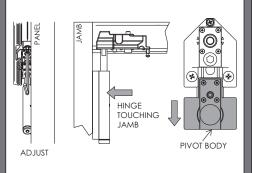


Screws pass through assembly

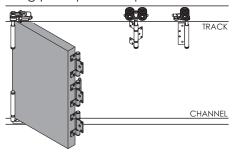
Loosen locking screws and adjust bottom pivot so that hinge is touching the jamb. Lock off when in position.



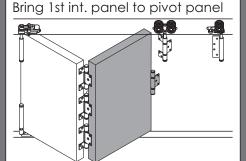
Loosen locking screw and adjust top pivot so that hinge is touching the jamb Lock off when in position.



Bring pivot panel to pivot set

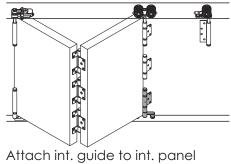


Hinge set 7 attached to panel

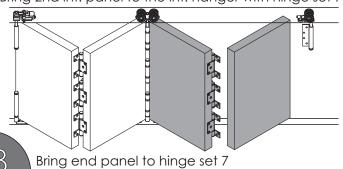


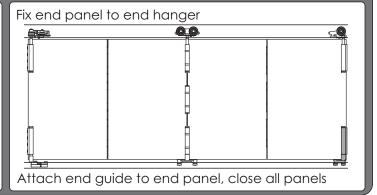
Middle hinge of int. set attached

Fix int. hanger to int. panel

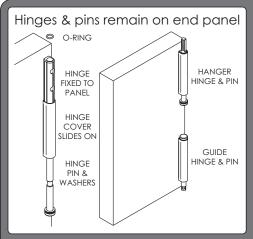


Bring 2nd int. panel to the int. hanger with hinge set 7

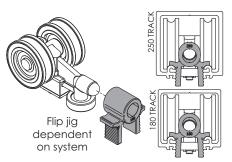




Installation when using F hinge types or Set 8



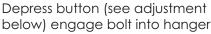


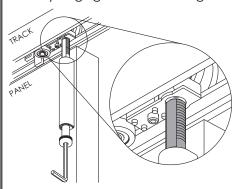


Jig keeps hanger stable and static

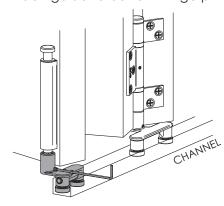
Bring end panel to system

Align hanger pin with end hanger and rest panel on blocks in position

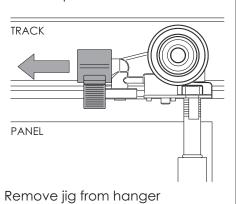




Attach guide to bottom hinge pin

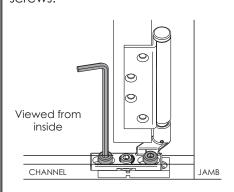


Close all panels

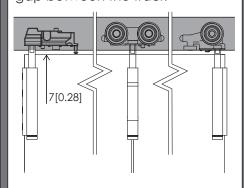


Adjustment hinge pin locking mechanism applied to all hangers and top pivot

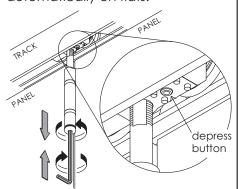
Now that the doors are in place, open doors and loosen locking screws.



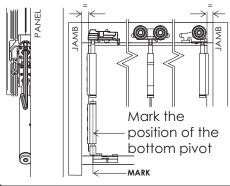
Adjust all hangers and top pivot until panels are parallel with 7mm app between the track



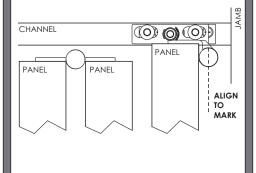
To adjust height, depress button and wind bolt. Bolt locks off automatically on flats.



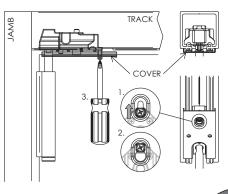
With the panels closed, loosen top pivot locking screw and adjust to centralise door panels. Then lock off top pivot and mark the position of the bottom pivot



Open the panels and adjust the bottom pivot to the mark. Then tighten locking screws



Close doors & fix cover into pivot to cover notch.



Care and 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 harsh coastal or marine environments and 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.

To help prevent surface corrosion, Brio® recommends washing regularly; even stainless steel finishes in coastal environments may show signs of surface corrosion If not washed regularly. Sheltered areas that are not rain washed are particularly susceptible. Wash with soap or mild detergent and warm water followed by rinsing with clean cold water and wipe dry.

As a guide, if a window or door requires washing then wash the hardware, however Brio® recommend for marine and industrial environments washing a minimum of every 3 months and 6 months for general environments. In coastal or marine environments Brio® recommends applying a light application of corrosion preventative such as CRC Marine 66 or Inox® for Marine, to all surfaces and using a dry cloth to remove excess. When using lubricant or corrosion protection compounds, be careful to avoid the adjacent surfaces and always follow the manufacturer's instructions.

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.

Where fitting to the outside of the building, it is recommended that the appropriate track is specified.

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. Repeat at intervals no greater than 3 months.

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.