



**INSTALLING YOUR  
PIVOT  
DOOR SYSTEM**

# INSTALLING YOUR PIVOT DOOR SYSTEM

---

Please follow these instructions carefully.

Proper installation and maintenance will bring you years of trouble-free use.

Note: All Pivot hardware is factory fitted to ensure accuracy of installation.

## STEP 1 – FRAME INSTALLATION

---

- a. Ensure the frame is fixed plumb, straight and level. Ensure the sill is properly packed. Frames without transoms will have a pivot cap fitted to the top of the frame head. It is important that sufficient clearance is allowed between the frame trimmer/lintel and the top of the pivot cap.

## STEP 2 – DOOR INSTALLATION

---

- a. Ensure the top of the pivot is retracted fully into the frame head by turning the slotted screw head anti-clockwise.
- b. Ensure the sill pivot is aligned 90° to the frame.
- c. Hold the door 90 degrees from the frame. Insert the bottom of the door strap onto the sill pivot, ensuring the door locates fully onto the flange of the pivot.
- d. Align the top pivot on the frame with the pivot on the top of the door. Screw the top pivot in the frame head clockwise until the screw will no longer turn.

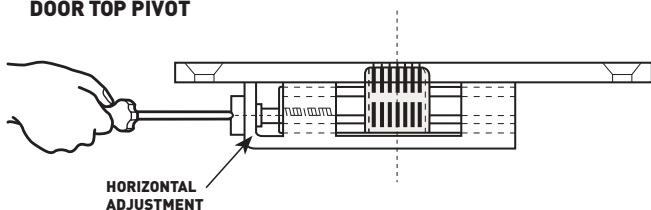
## STEP 3 – HORIZONTAL ADJUSTMENT

---

- a. Pivot the door away from the frame stile.
- b. Insert a flat blade screw driver into the hole in the edge of the door. Turn the screw clockwise to increase the margin on the pivot side or anti-clockwise to decrease.

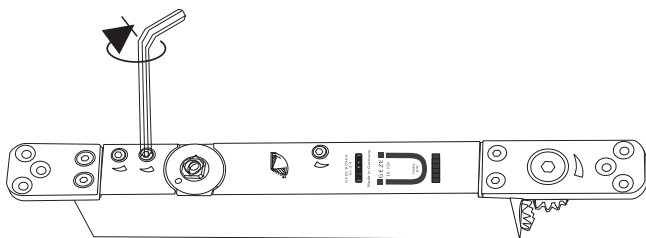
c. Please note: No adjustment is possible to the sill pivot.

## DOOR TOP PIVOT



## STEP 4 - ATTACHING THE DOOR CLOSER

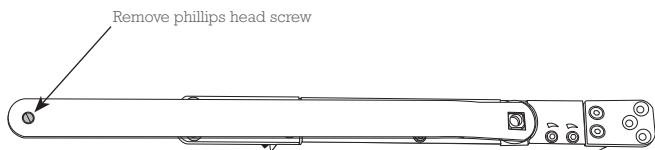
- a. Close the valve fully in the clockwise direction, by doing this the closer is not operational making installation of the arm easier.



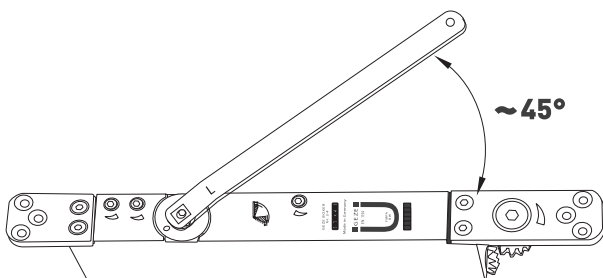
**WARNING:** Do not over tighten or over loosen screw valves, this may result in stripped screws or loss of closer hydraulic fluid (no power tools to be used).

**(Remember, once installation has been fully completed, you will need to open this closing speed valve for the closer to work again.)**

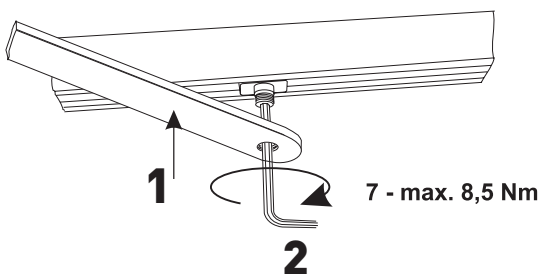
- b. Remove Phillips head screw from Door Closer Arm as shown below (screw is for transport only).



- c. Attach the arm to the guide rail - pull the arm towards the door frame approx. 45 degree angle as shown below (arm should stay stationary at 45 degrees)



- d. Screw the arm to the guide rail block as shown below using a force between 7 to 8.5 Nm



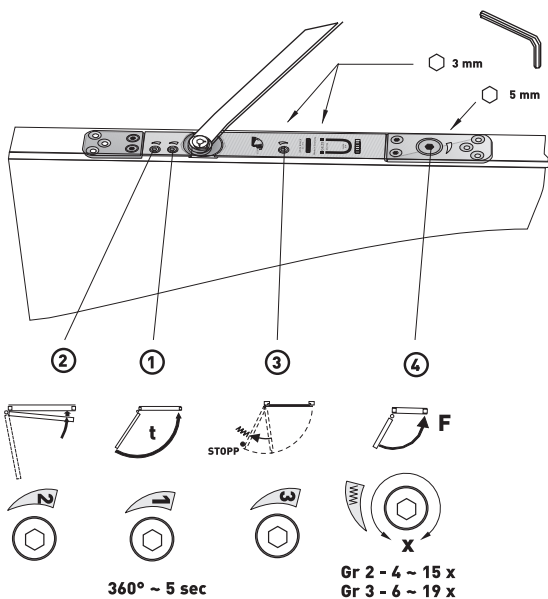
#### e. Adjustment of Door Closer Valves

Note: First valve to be adjusted is the Speed control valve ① this is the valve you adjusted at step 4A to zero, adjust this valve slightly for the boxer to start working again. This valve controls the speed of closing the door between 120 degrees & 5 degrees.

Valve ② is Latching Action: which controls the speed in the last 5 degrees of the door closing.

Valve ③ is Back Check: this valve is not needed due to the hold open device fitted.

Valve ④ is Closing Force: which adjusts the spring tension in the closer.



f. Tighten hold open device position, tighten grub screw when door is at full opening angle (this will set the hold open angle).



g. Tighten hold open device holding tension (if required).



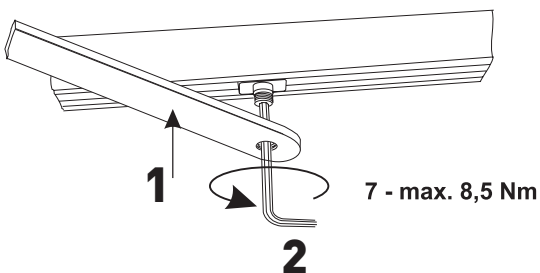
Adjust this screw for hold-open device tension

- h.** Make sure all screws are tight and flush with no protrusion or risk of rubbing on both the closer body and the guide rail.

## STEP 5 - TO REMOVE DOOR

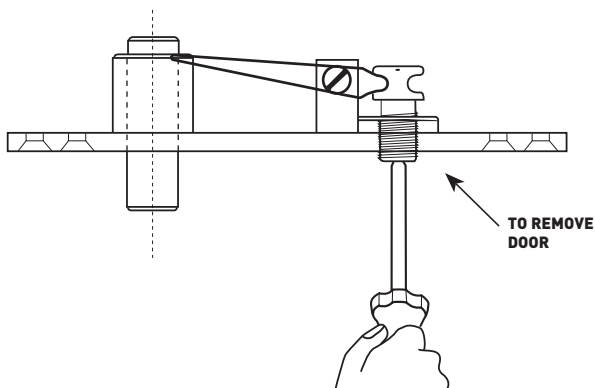
---

- a.** Remove the door closer arm from the guide rail.



- b.** Hold the door 90 degrees from the frame. Turn the slotted screw in the frame head top pivot anticlockwise until it is totally retracted.
- c.** Tilt the door sideways away from the frame stile closest to the pivot. Lift the door off the sill pivot.

### FRAME HEAD PIVOT



## **CONTACT**

---

For further information Contact your Corinthian Door Reseller or Corinthian direct:

**Sydney** (02) 9673 7111

**Melbourne** (03) 9794 1122

**Brisbane** (07) 3715 0100

**Adelaide** (08) 8243 0888

**Perth** (08) 9455 1333

**[www.corinthian.com.au](http://www.corinthian.com.au)**



# CORINTHIAN DOORS

A JELD-WEN Company

[www.corinthian.com.au](http://www.corinthian.com.au)

Corinthian Industries (Australia) Pty Limited is a subsidiary of Jeld-Wen Australia Pty Limited. Whilst the utmost care is taken to ensure the accuracy of the information contained herein, it is provided in the understanding that the company shall under no circumstances be liable for any injuries, expenses or other losses which may in any way be attributable to the use or adoption of such data and/or design details. All dimensions indicated are nominal only. Corinthian Doors reserves the right to alter or amend without prior notice data and design details specified herein. Photographs or illustrations may not exactly depict the design or specification and may vary to actual. Re-Order Code JWCNAT0106. NOV15 F•S•A/COR0095