



Thank you for purchasing your new Pivot Door System from **i.c.e. doorsystems**. Your new door system has been designed and manufactured to be easily adjusted at any time after installations to allow easy operation.



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the best in the business

Phone: (07) 3807 2336

Your Pivot Door System has been factory adjusted to operate in the correct manor. If the correct installation procedures are applied no adjustment should be necessary. In the event that site conditions or frame movement causes your Pivot Door panel to catch or foul on the aluminium threshold follow the instructions below. It should be noted that a certain resistance should be felt when operating the door panel as contact pressure is required between the door panel seal and the aluminium threshold to maintain an adequate weather seal.

Your new Pivot Door System is available both with and without a concealed hydraulic door closer unit. To determine if your Pivot Door System is fitted with a hydraulic door closer unit simply open the door half way and release the door. If the door closes to the closed position without assistance please go to **Section 2.** for the relivant adjustment guide.

### Section 1. Adjustment of a Pivot Door System without hydraulic door closer unit fitted.

Pivot Door Systems operate with a bottom and top pivot point. The bottom pivot point combines cast and stainless steel components encasing a sealed bearing and pivot spacer that is preset to allow under door clearance for the door seal and aluminium threshold. There is no adjustment required or available for the bottom pivot.

The top pivot or your Pivot Door System contains adjustment that allows the top section of the pivot door panel to be moved closer or further away from the closing jamb.

By adjusting the top pivot causing the top of the pivot door panel to move closer to the closing jamb downward presser will be applied to the closing side of the door seal. Adjusting the top pivot causing the top of the pivot door panel to move away from the closing jamb will release pressure from the door seal.

To adjust the Top Pivot please see the following steps. It is recommended that this is a two person operation.

#### Step 1.



Open the pivot door panel to the fully open position with one person supporting the lock style of the door panel. Use a flat bladed screwdriver and rotate the pivot pin release screw in a clockwise direction. This will cause the pivot pin to retract into the head of the pivot door frame.



If the pivot pin release screw does not retract fully with minimal resistance and appears to jamb, incorrect head clearance may not have been allowed during installation. Contact **i.c.e. doorsystems**



#### Step 2.



Once the pivot pin is fully retracted the top of the pivot door panel can be angled into the frame opening. Gently lift the door panel off the bottom pivot and lay the door panel on the lock style edge to make the following adjustments.

#### Step 3.

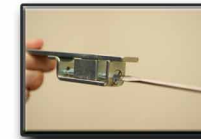


Using a narrow blade flat screw driver release the side adjustment locking screw to allow sideways adjustment.



Your top pivot has been factory adjusted to the centre position to allow both inward and outward adjustment.

#### Step 4



Using a flat bladed screw driver (access via the pre drilled hole in the edge of the door) adjust the pivot pin receiving block CLOSER to the closing jamb by rotating in an anti-clockwise direction and AWAY from the closing jamb in a clockwise direction. One full turn of the adjusting screw will move the pivot door panel 1 mm. Once the required adjustment has been made resecure the side adjustment locking screw (See step 3).

#### Step 5

Lift the door panel into the door frame (angled as per removal) locating the bottom pivot into the bottom door brace housed into the door panel. This is best achieved with the second person at eye level with the bottom pivot. Using a screwdriver rotate the pivot spacer pin to locate with the door brace. When connection has been made return the door panel to a vertical position. Align the pivot pin receiving block with the pivot pin. Rotate the pivot pin release screw in a anti clockwise direction to return the pin to the home position.

#### Step 6



Close the door panel and check for correct margins over the top lock style and bottom of the door panel. Should further adjustment be required repeat steps 1 - 5.

Should this process not rectify the fault please contact **i.c.e. doorsystems**