

Hinge adjustment

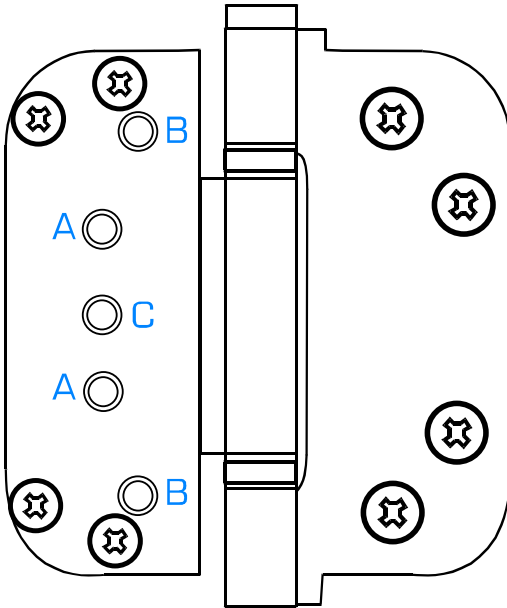


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Please note: each door-set is factory set with a 4mm air-gap to both sides of the door and to the head within this frame. Consideration should be given to maintaining the air-gap to ensure optimum performance and correct operation of the door. The air gap to the lock side must take priority when adjusting to ensure it is 4mm, the full length of the door.

1. Vertical air gap adjustment

By releasing this two 4mm grub screws "A", the door can be adjusted vertically up or down to lift and drop the door sash within this outerframe. This allows the air gap at the top and bottom of the door sash to be increased and decreased. There are guidelines stamped on the hinge at position "C" to assist with adjustments.

Care must be taken not to raise the door too high or too low as this will effect the performance of the weather seal on the low threshold.

The two grub screws "A" also allow the door sash to be adjusted forwards and back. This adjustment will increase or decrease the pressure on the outerframe's gasket.

2. Horizontal air gap adjustment

By releasing the two 4mm grub screws "B", the door sash can be adjusted to the left and right within the Outerframe. This allows the air gap on the hinge and lock side of the door to be set. The air gap on the lock side must be set to 4mm.

There is adequate adjustment on each of the three-way hinges for setting up the door sash correctly within the outerframe.

However, the hinge adjustment cannot compensate for a door frame that is fixed out-of-square, with a bowed frame or with a twist from front to back.

Care must be taken to pack the frame securely into the opening, making sure that all faces are square and plumb.

Caution: Do not over-tighten or over-adjust the grub screws.

