



# K2 ALUMINIUM VENT INSTALLATION GUIDE

K2. THE COMPLETE CONSERVATORY COMPANY

## REMOVAL & GLAZING OF SASH

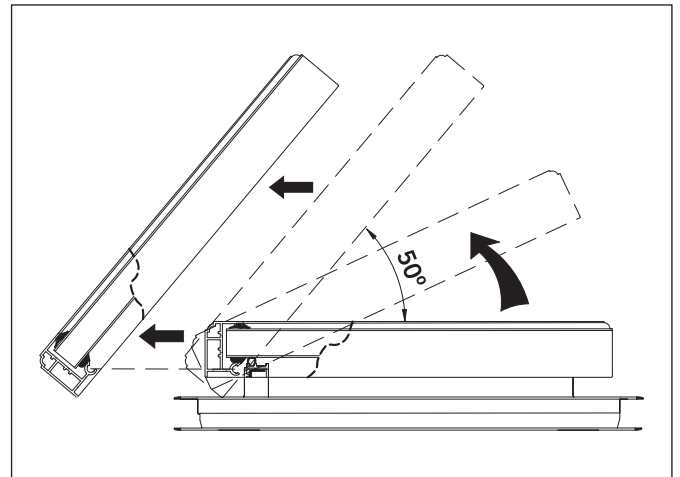
K2 ALUMINIUM VENT INSTALLATION GUIDE

The following pages will take you through the process of installing the K2 Aluminium Vent. Please note that later steps vary according to whether you are installing the vent between Glazing Bars or whether the vent will be suspended within a polycarbonate sheet.

### Removal of the Sash

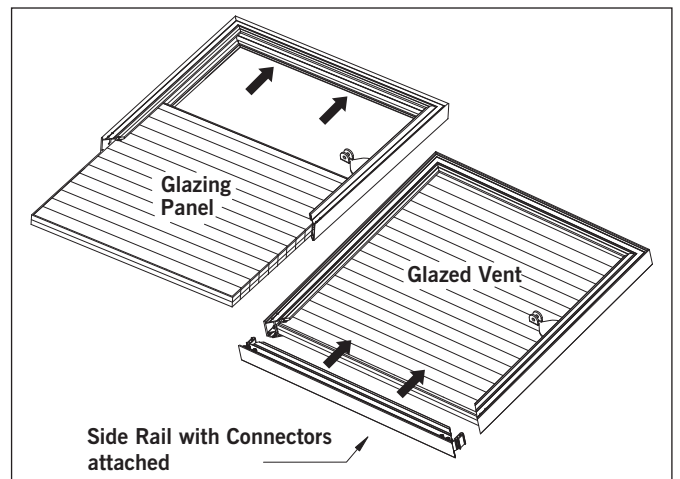
The Sash can only be de-mounted from the Outer Frame by opening it to an angle of 50° to the Frame and disconnecting the Hinge.

The Sash can be re-mounted by reversal of the above instructions.

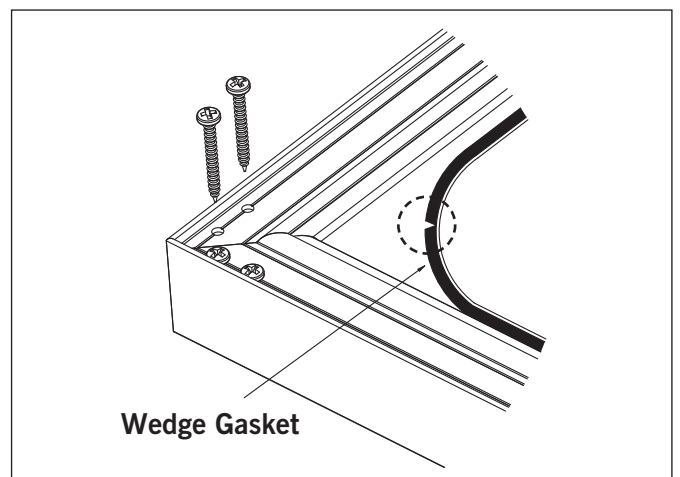


### Glazing of the Sash

The 4 screws on the Top and Bottom Rails need to be removed to enable the Side Rail to be detached. The Glazing Panel can then be inserted into the Sash, ensuring that in the case of Polycarbonate, the Breather Tape is to the bottom edge.

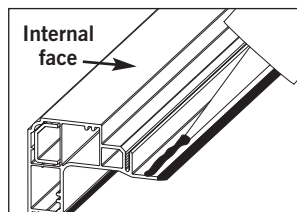
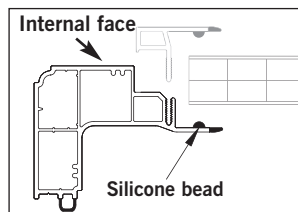


The Side Rail should then be re-attached to the main Vent section with the 4 screws. The Wedge Gasket is then inserted starting from one side of the Vent Bracket. The outer edge of the Gasket must be cut at each corner to ease installation.



# PREPARING AND INSTALLING THE OUTER FRAME

## K2 ALUMINIUM VENT INSTALLATION GUIDE

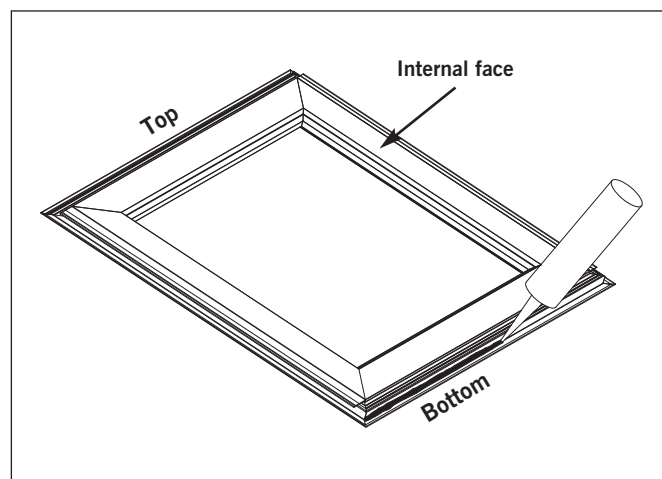


### Preparing the Outer Frame for Glazing Bars

All the Glazing Beads must be removed prior to the application of a continuous bead of Silicone to all four sides of the Outer Frame.

### Preparing the Outer Frame for Polycarbonate

The top and bottom Glazing Beads must be removed prior to the application of a continuous bead of Silicone to the full width of the Outer Frame.



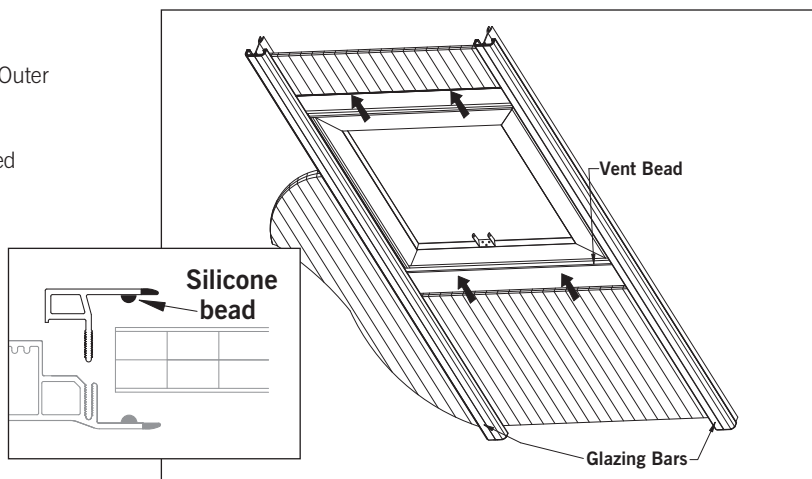
### Installing the Outer Frame in Glazing Bars

Once the top piece of Polycarbonate has been inserted, the Outer Frame can be installed.

The top and bottom Glazing Beads should be partially located before pushing the Outer Frame into position.

Once the lower piece of Polycarbonate has been slotted into place, the Glazing Beads can be fully located. We suggest applying a thin line of silicone prior to locating the glazing beads.

The glazed Sash can now be re-mounted and the Opening Mechanism connected.

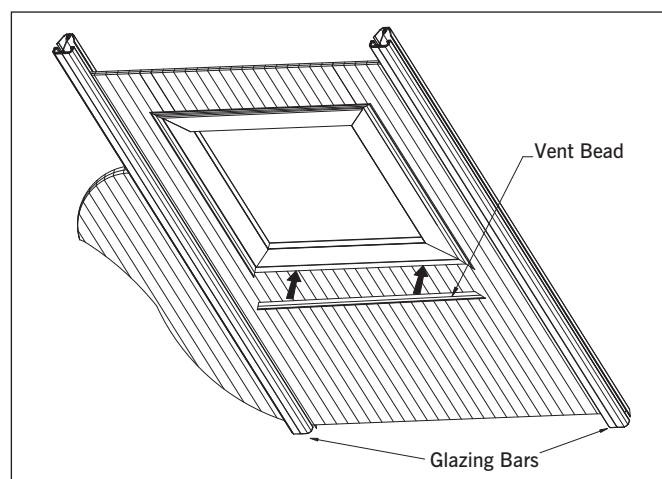


### Installing the Outer Frame in Polycarbonate

The Outer Frame can now be placed in position, and then the Glazing Beads can be installed.

Ensure that the Aluminium Hinge is positioned to the Ridge/Wallplate end of the roof.

The glazed Sash can now be re-mounted and the Opening Mechanism connected.



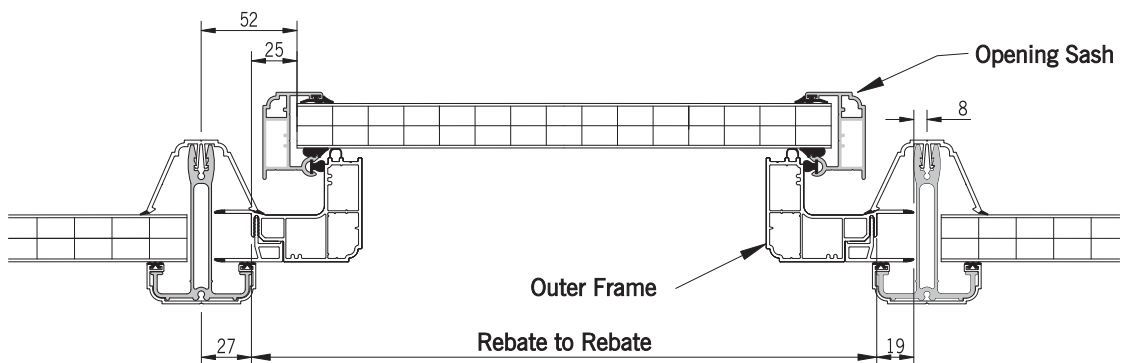
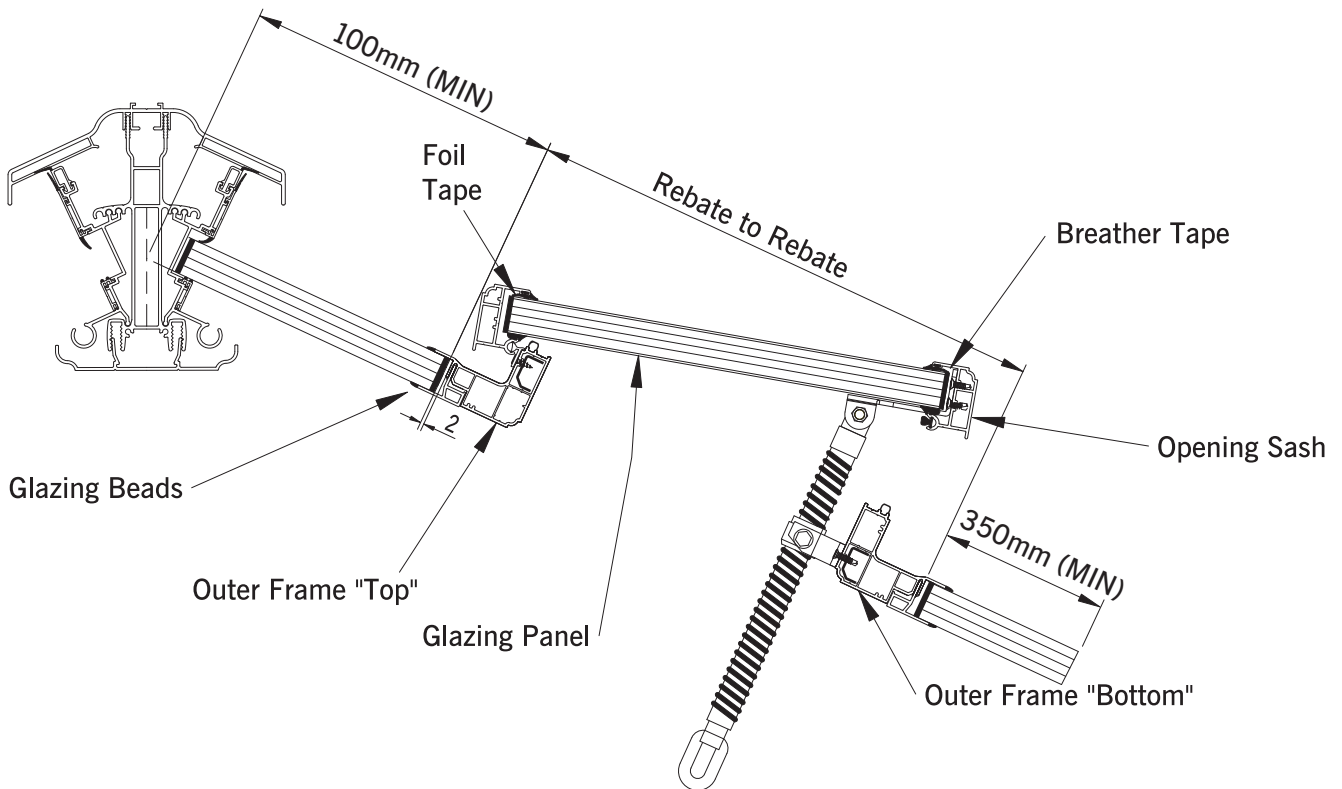
**Note: Silicone must be 'Low Modulus, Neutral Cure' Silicon, see glass manufacturer's recommendations.**

# FITTED INTO GLAZING BARS

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## Sash Glazing Size

A deduction of 50mm should be taken from the width and depth of the rebate to rebate dimension.

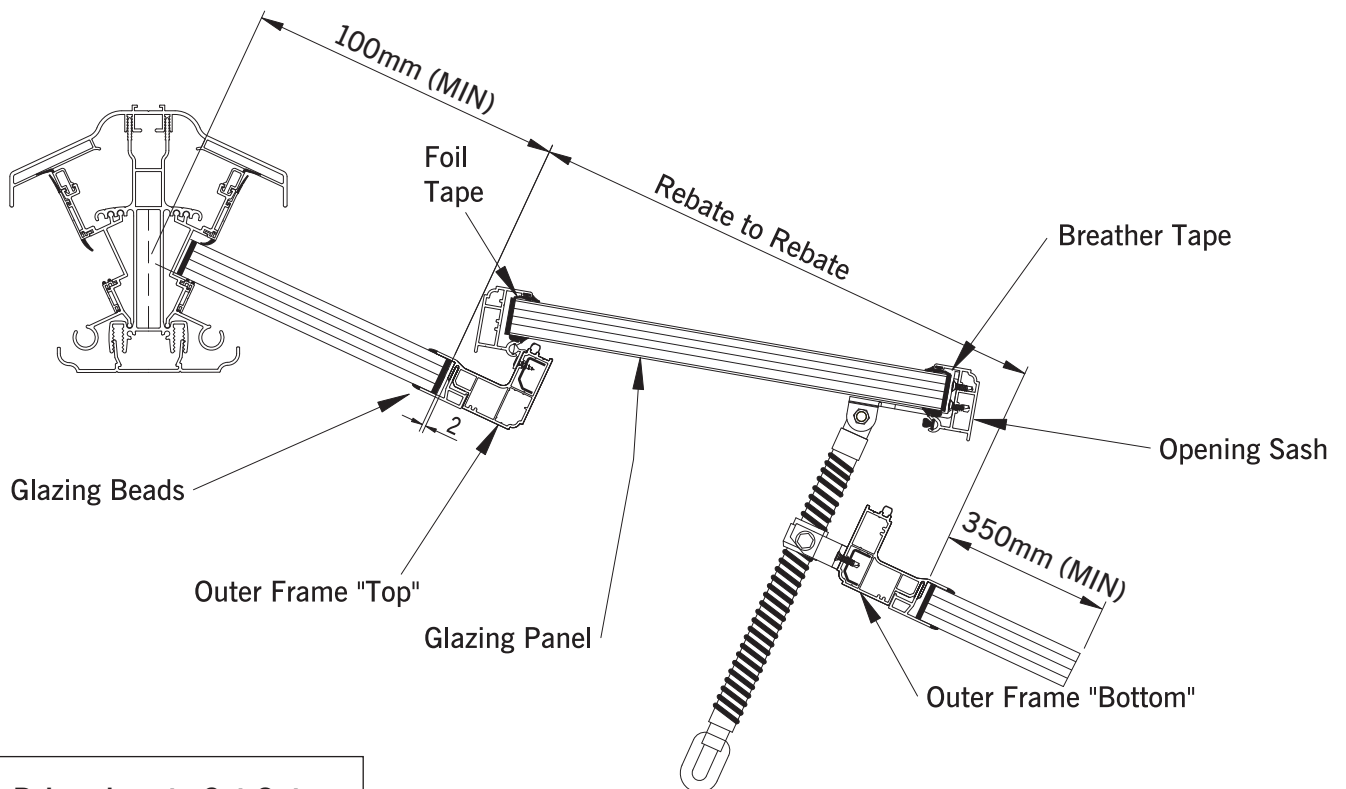


# FITTED INTO POLYCARBONATE

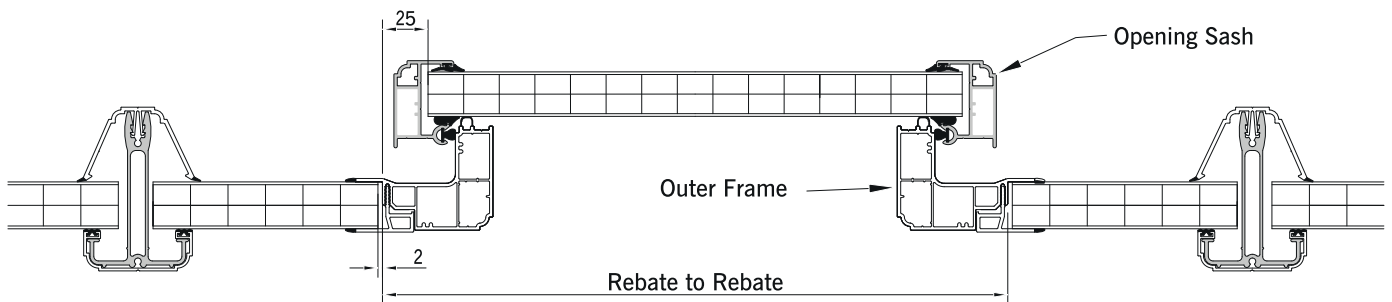
## K2 ALUMINIUM VENT INSTALLATION GUIDE

### Sash Glazing Size

A deduction of 50mm should be taken from the width and depth of the rebate to rebate dimension.

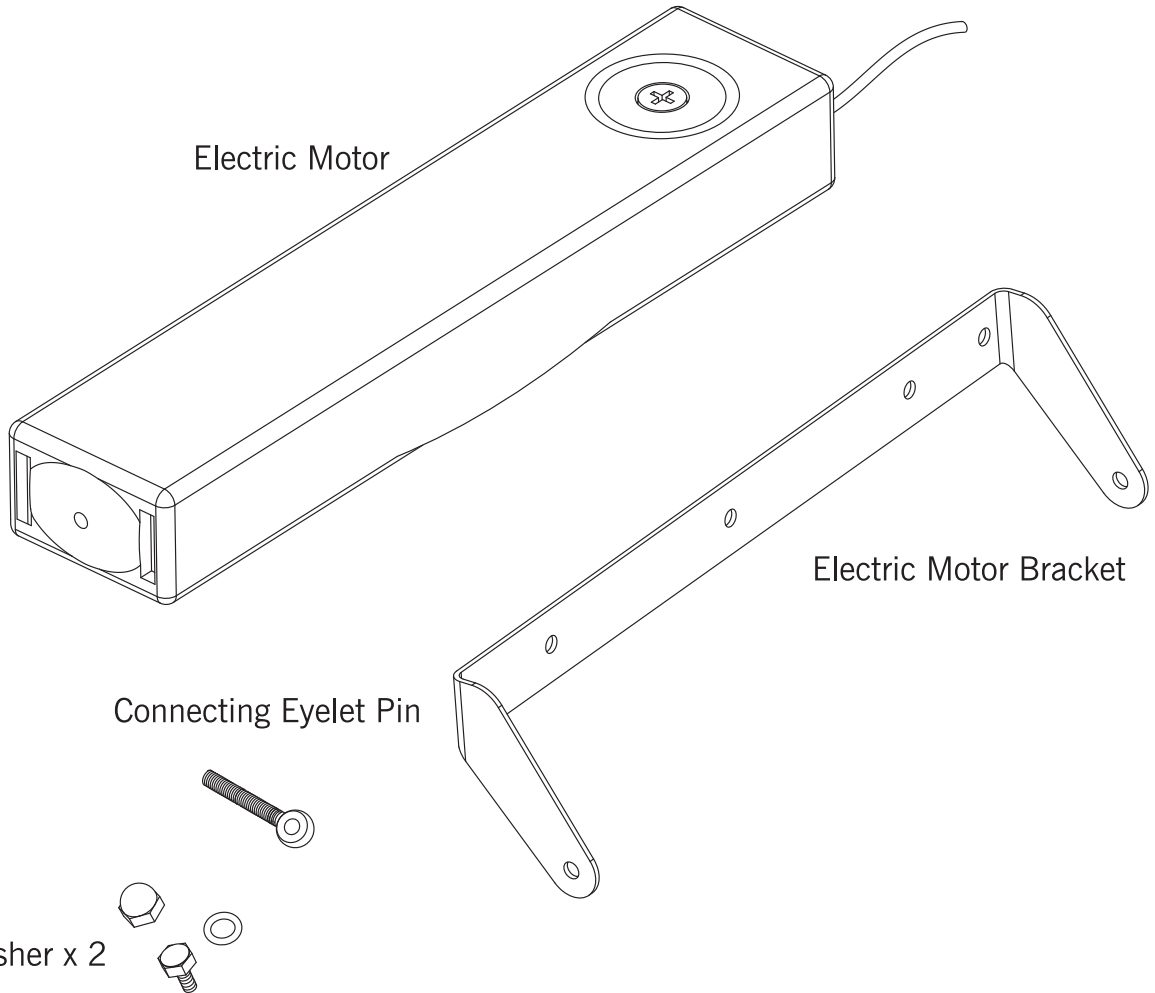


**Polycarbonate Cut Out**  
= **Rebate to Rebate + 4mm**

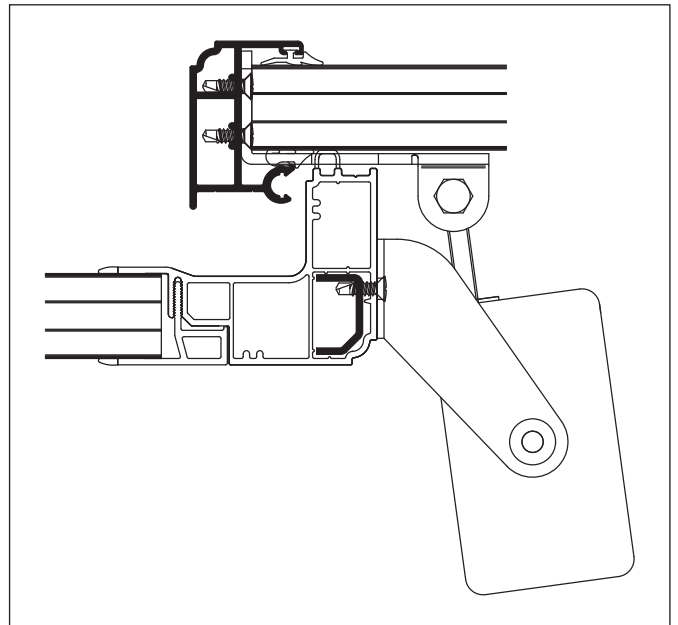


# ELECTRIC MOTOR COMPONENTS & POSITIONING

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## Electric Motor Bracket Positioning

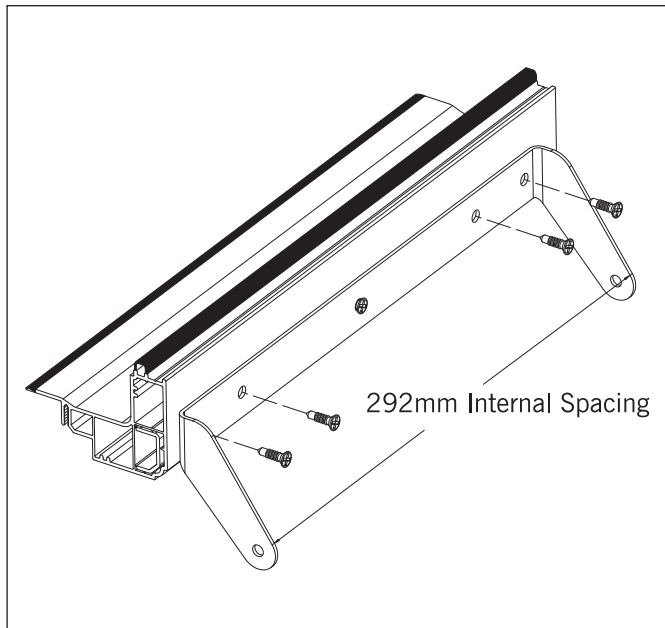


# ELECTRIC MOTOR ASSEMBLY

## K2 ALUMINIUM VENT INSTALLATION GUIDE

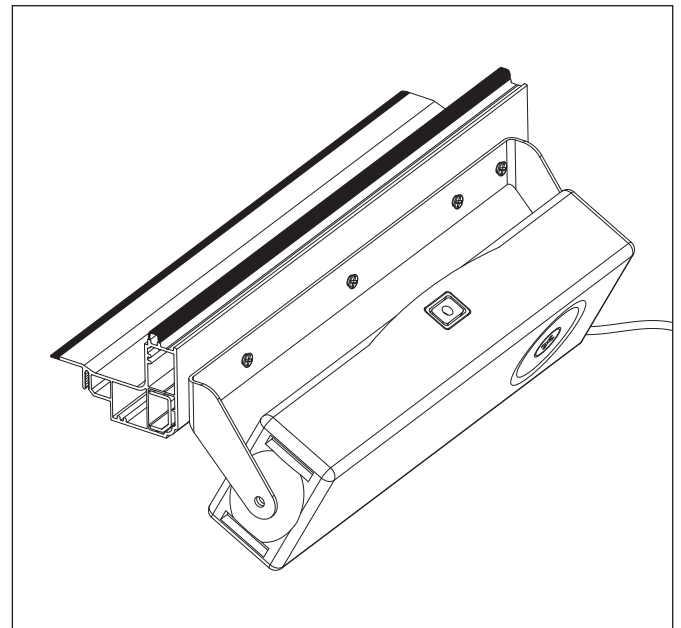
### Step 1

Align the Motor Frame Bracket onto Outer Frame and screw into position.



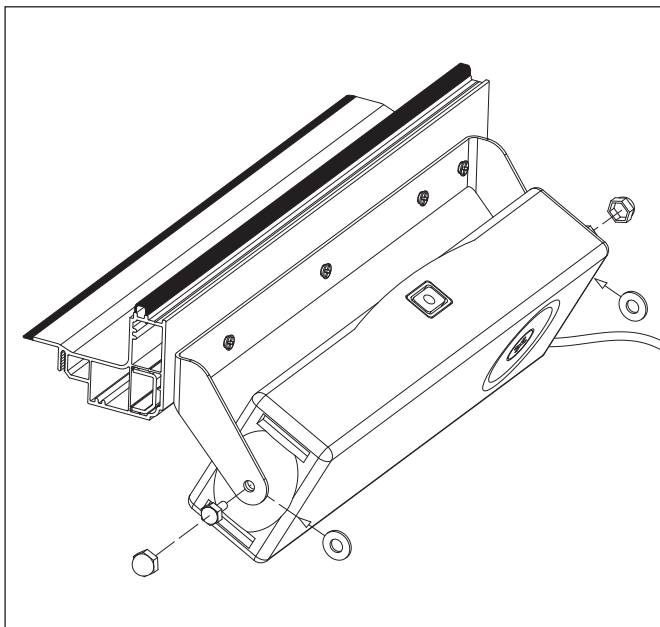
### Step 2

Position Motor onto Frame Bracket.



### Step 3

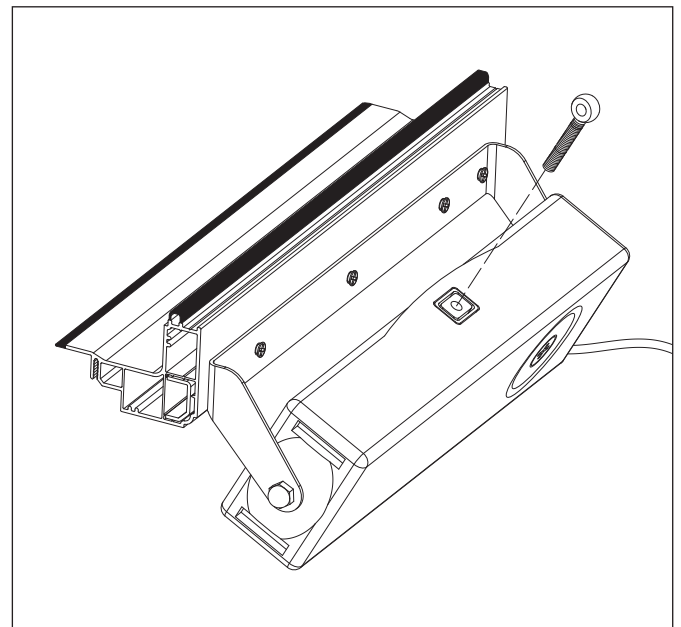
Fit Side Fixings for Brackets



### Step 4

Screw the Connecting Pin into Chain Mechanism aperture.

**NOTE: Chain Mechanism is offset from centre of Motor.**



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