



## Tilt & Turn Care & Maintenance

At least every four months, clean the internal and external window facings and glass surfaces with a soft cloth and hot soapy water; rinse with water and dry off.

### PVC-U frames

At least every four months, clean the internal and external surfaces of the frame to remove atmospheric grime; always use a soft cloth with mild liquid detergent solution, rinse with water and dry off.

### Gaskets

Use a light soapy solution and non-abrasive cloth to gently clean these, do not use solvent-based cleaning products on the seals.

### Tracks and rebates

Use a small brush to loosen any debris from the track. Using a suitable vacuum cleaner with a thin attachment. Vacuum up the debris in the track, especially around any drainage slots. Do not allow debris to build up in the track or drainage slot, as it will affect the operation and the drainage and may cause water.

### Hinges

Clean the visible surface of the hinges on an annual basis. They should be kept free from dirt, debris and obstruction at all times, use a soft cloth with hot soapy water, rinse with water and dry off then lubricate with a silicone-based spray.

### Precautions

- **Do not** use solvent-based or abrasive cleaning products, or products containing bleaching agents.
- **Do not** use metal polish or a wire brush.
- When using cleaning and lubricating products, always follow these instructions.
- For cleaning products, **always** test a small area of the product in an obscure location first before cleaning any surfaces.

### Roller Adjustment

If you have lost seal compression. You should follow roller adjustment. You should follow roller adjustment to tighten sash towards frame and increasing compression thus reducing any draught or movement. You may have 4 or more rollers on your window depending the size of window.

### Lubrication of Moving Parts

Your new window contains mechanical moving parts that will need to be lubricated periodically. This will include the hinges, handles and lock. Lubricate with a silicone spray or grease and wipe away excess with a non-abrasive cloth. Extra care should be taken in Hazardous environments, such as marine and indoor swimming pools, to ensure that all moving parts are protected, application of protective lubricants twice a month is advised.

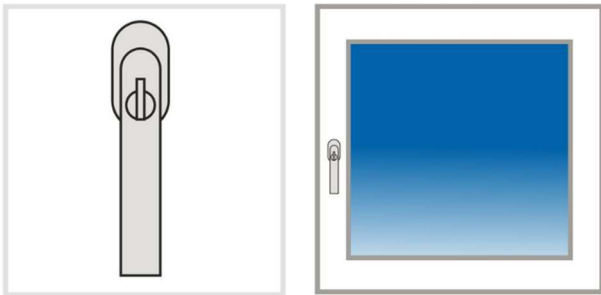
#### CAUTION DO NOT USE

- Washing up liquid or detergents
- Abrasive cleaners or scouring pads
- High pressure or Steam cleaners
- Bleach, solvents (spirits and thinners) or adhesives
- Before cleaning your door remove all rings, bracelets and watches.

## Operating a Tilt and Turn Window

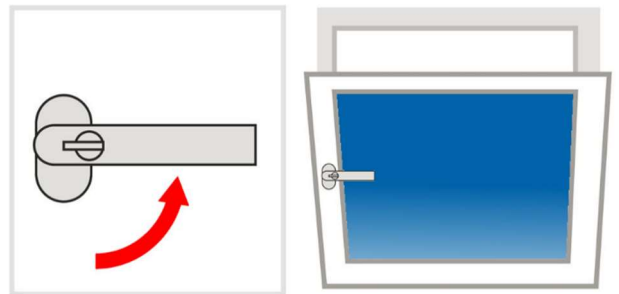
### Closed Position

Handle position when sash is closed



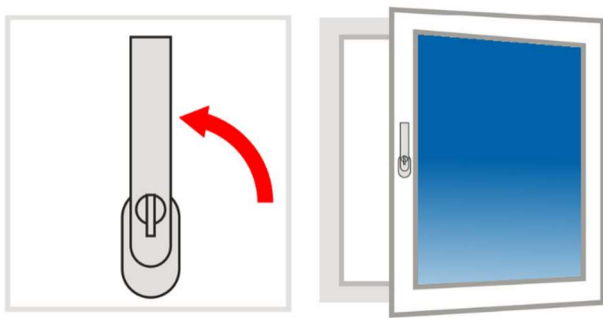
### Ventilation / Tilt Position

Handle position when sash is being used for ventilation (The handle can be locked so that only this position can be achieved, for child safety)



### Fully Open / Clean / Fire Escape Position

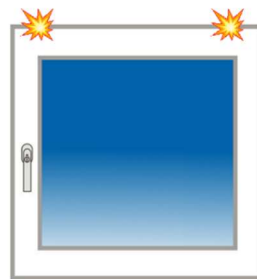
Handle position when sash is fully open. For easy cleaning and for emergency escape.



### How to identify if adjustment is required.

If when operating the window, the sash fouls against the frame identify where and use the following guide to adjust the sash accordingly.

Fig. 1



Adjust Sash Downwards

Fig. 2



Adjust Sash Upwards

### How to adjust and check for draught

Fig. 5

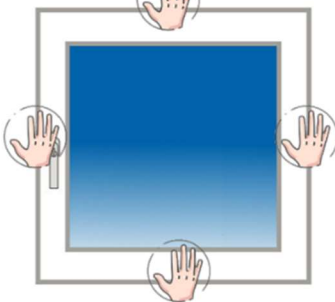


Fig. 6

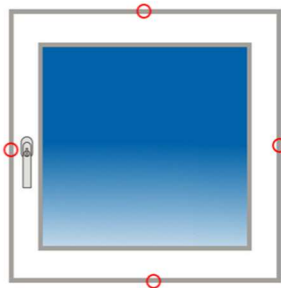
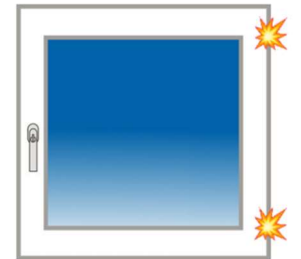


Fig. 3



Adjust Sash Left

Fig. 4

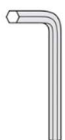


Adjust Sash Right

The following pages will guide you through how to adjust your tilt and turn window

**Only adjust your window if there is a problem i.e. draught or fouling when operating**

Tools required:



4mm Allen Key



T25 Torx



Small Flat Head Screw Driver

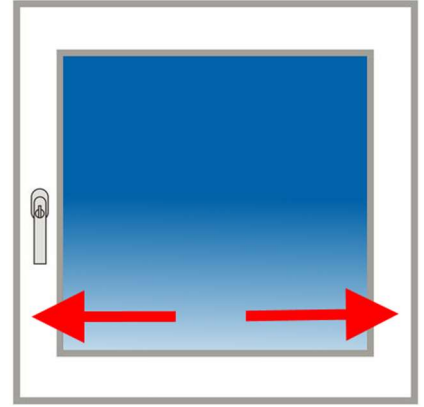
## Adjusting a Tilt and Turn Window (Horizontal Adjustment)

### Moving the window from left to right;

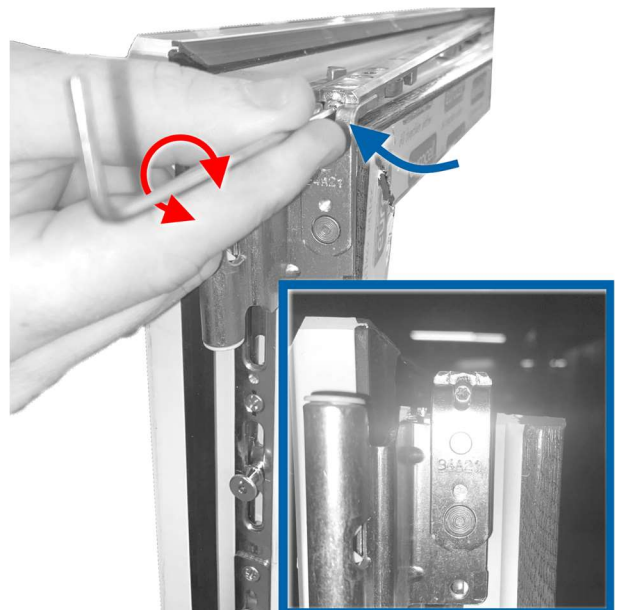
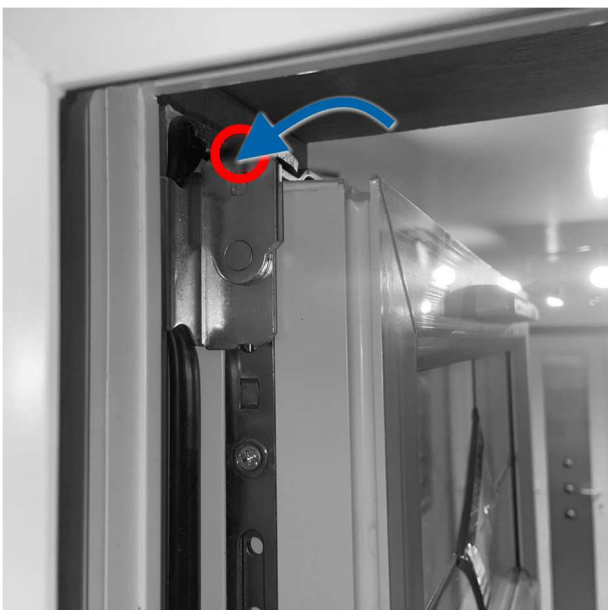
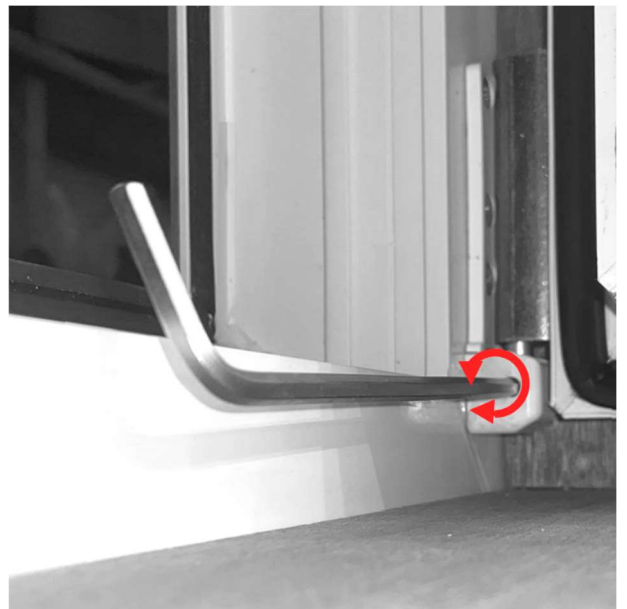
If the sash is fouling or hitting the frame on left or right side of the frame when closing the window as seen Fig. 3 & Fig. 4 on page 2.

### How to adjust left / Right

With the window open look at the hinge on the bottom corner and top corner and use a **T25 torx** on the **top mechanism** and a **4mm Allen key** on the **bottom hinge**. Move either clockwise or anti-clockwise to adjust the sash position left or right.



Move the top and bottom similar amounts on each adjustment. Move in small increments open and close window after each adjustment to ensure you are going the correct direction,



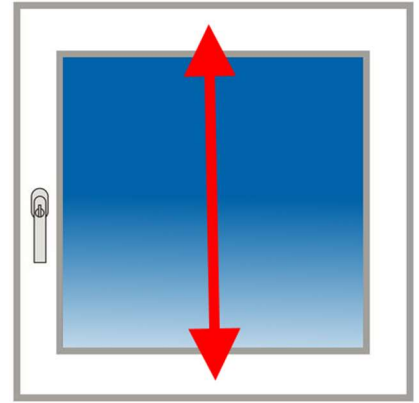
## Adjusting a Tilt and Turn Window (Vertical Adjustment)

### Moving the window upwards & downwards

If the sash is fouling or hitting the frame at top or bottom when closing the window.

as seen on page 2 Fig1 & Fig2 turn key Clockwise / Anti clock wise to move sash upwards or downwards,

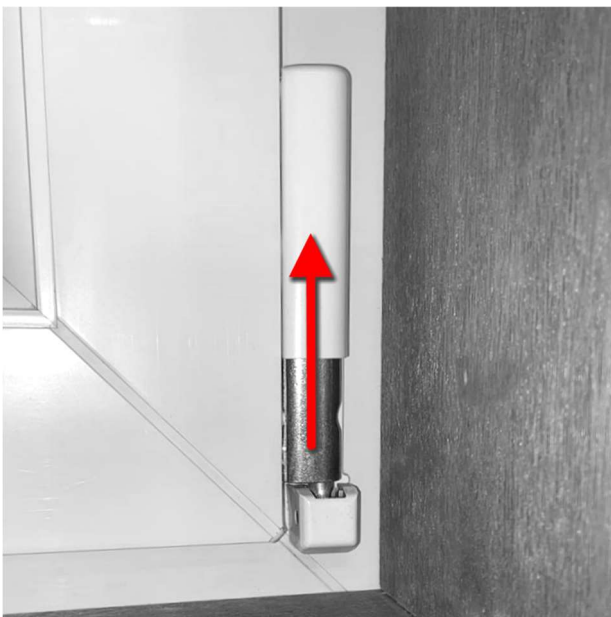
Move in small increments open and close window after each adjustment to ensure you are going the correct way.



### How to gain access to adjustment screw

When the window is closed at the bottom hinge side corner on the inside of the window frame, you should remove the hinge cover completely and then use a **4mm Allan Key** to turn it clockwise or anti-clockwise which will then move the window up or down.

**See pictures below**, for access to adjust bottom hinge you will need to slide up cover to gain access to 4mm Allen key. If the cover is tight, you may start movement with a small flat headed screwdriver, sliding the cover off in an upwards motion.

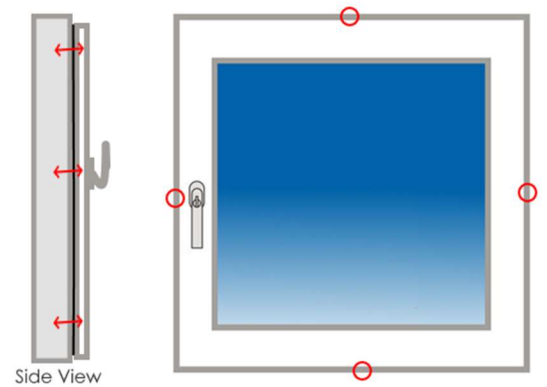


## Adjusting a Tilt and Turn Window (Vertical Compression)

### Adjusting Compression

If there is a draft or air coming through the windows you can adjust the tightness of the windows using the diagrams below accordingly.

Feel around the different areas with your hands for any draughts, if you notice an area with draught you can adjust the cams shown below at different points of the window as seen in Fig 5 & 6 on page 2.



### Increasing / Decreasing Compression on the Window;

When the window is fully open look for the metal gearing on the edge of the sash and use a **4mm Allan Key** and turn clockwise or anti-clockwise which will then increase or decrease the compression of the window.



### Hint

Through the centre of the cam there is a line/groove if the line is pointing in towards the house this will increase compression if the line is pointing outwards towards the frame this will slacken compression