

MAINTENANCE MANUAL

THE CARE AND MAINTENANCE OF WINDOWS AND DOORS

Piper



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Piper



INTRODUCTION

In the following pages you will find all the Information to be able to carry out all the necessary cleaning and maintenance for the various types of windows and doors.

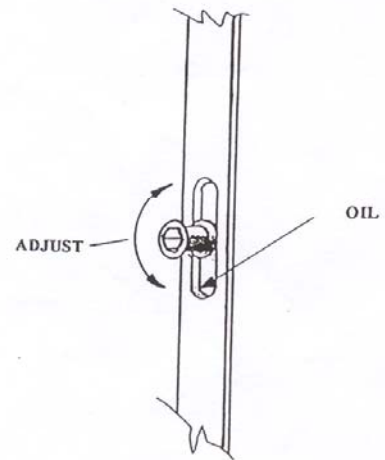
The PVCu windows only require to be washed with warm soapy water, perhaps when the glass is being cleaned. You should never use any abrasive materials to clean these windows as this will cause scratching, dull the surface and encourage the formation of dirt and stains. In the event that stubborn stains do appear these can be removed with a liquid cream cleaner such as Cif.

We are sure that you will get very many years of trouble free use from our products if the maintenance advice here is followed.

The word "Piper" is written in a large, bold, red, serif font. It is positioned on the left side of the page, partially overlapping with the illustration of the Piper character.

OPEN OUT CASEMENT WINDOW

These windows are fitted with a “mushroom” sliding bolt lock. You will notice that the bolt catches on the frame have two positions. This is to allow for slight opening for ventilation known as the “night vent position”. The operation is as follows. Push the window open approx. 20 mm and then bring the handle to the closed position. You should be able to feel the bolts entering the catches. For cleaning push the button on the handle, turn to 90°, and at the same time with your other hand, push the button on the restrictor and push window fully open. You will now be able to clean the outside of the glass through the large gap in the hinge side of the window.



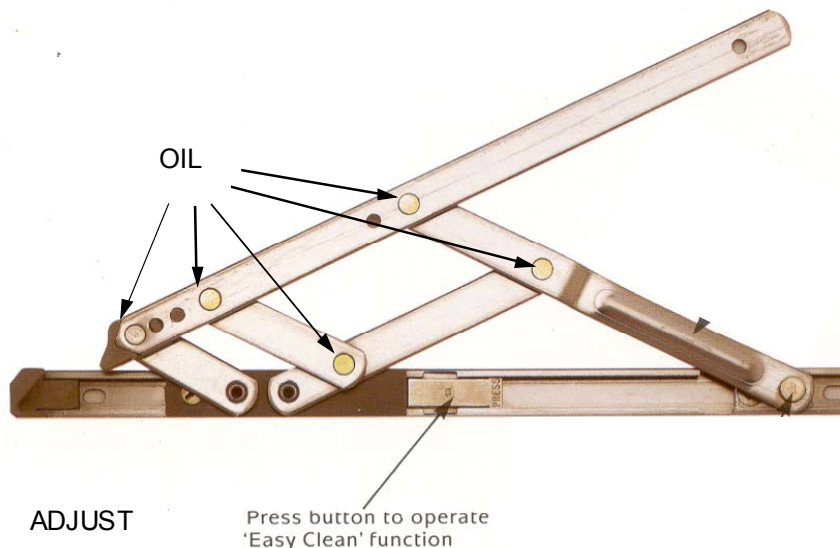
Maintenance

Light oil should be applied to the bolt slides approx. twice per year, as shown.

Adjustment

It is unlikely that any adjustment will be required to the lock and hinges, but if this should become necessary proceed as follows:-

- If the hinges are **tight or loose**, with a small screwdriver adjust the screw in the plastic hinge slider. Note only a very slight turn is required.
- If the **lock bolts need adjusting**, a 4 mm Allen key is inserted in the mushroom and turned. This will either compress the gasket or slacken the compression as required.



DEFENDER EGRESS - WITH EASY CLEAN FACILITY

Egress Hinges

These hinges (usually fitted to first floor windows and above) open fully to allow an opening big enough to escape through in the event of a fire. For cleaning the outside of these windows, open the window fully, then press the button marked "Press" with one hand and with the other hand, grip the sash edge and pull in the direction of the arrow marked on the button.

After you have moved the sash a little way, you will need to repeat the same procedure with the top hinge until there is a sufficient gap to clean the outside glass. On completion push the sash back to the corner and the hinge will automatically re-engage. The window can now be closed in the normal way.

Maintenance

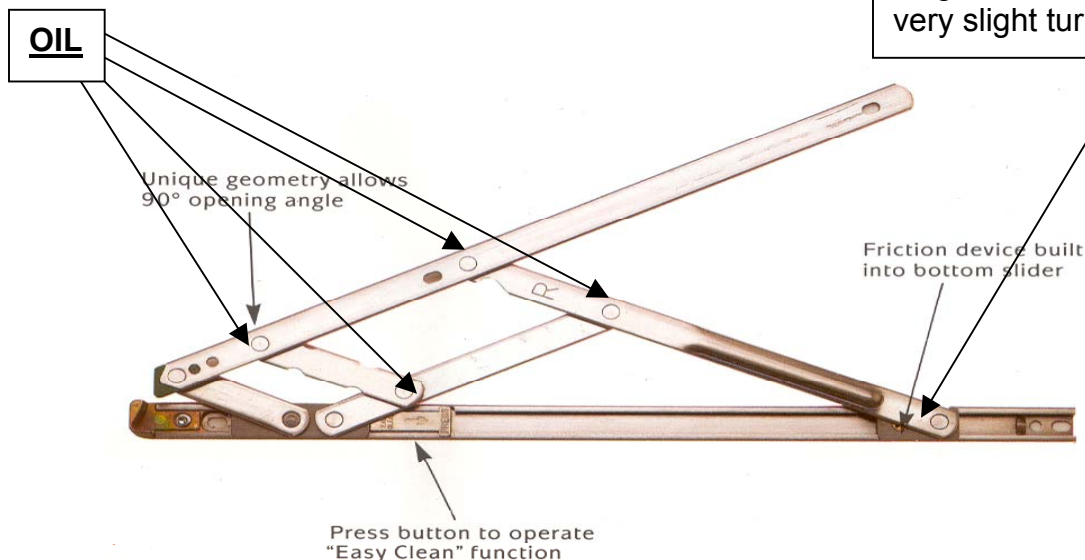
Keep hinges clean and twice per year apply light oil as shown.



A built in second slider on the Defender Egress gives an easy clean facility at the press of a lever.

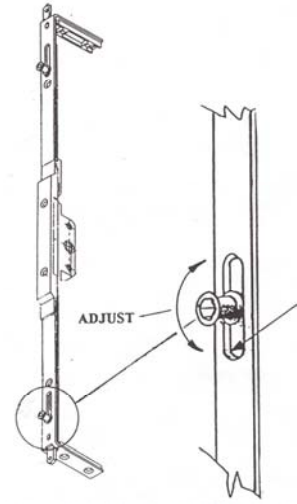
Adjustment

If the hinges are loose, with a small screwdriver, adjust the screw in the plastic hinge slider. Note only a very slight turn is required.



MACO SHOOTBOLT - OPEN OUT CASEMENT WINDOW

These windows are fitted with a “mushroom” sliding bolt lock. You will notice that the bolt catches on the frame have two positions. This is to allow for slight opening for ventilation known as the “night vent position”. The operation is as follows. Push the window open approx. 20 mm and then bring the handle to the closed position. You should be able to feel the bolts entering the catches. For cleaning push the button on the handle, turn to 90°, and push the window fully open. You will now be able to clean the outside of the glass through the large gap in the hinge side of the window.



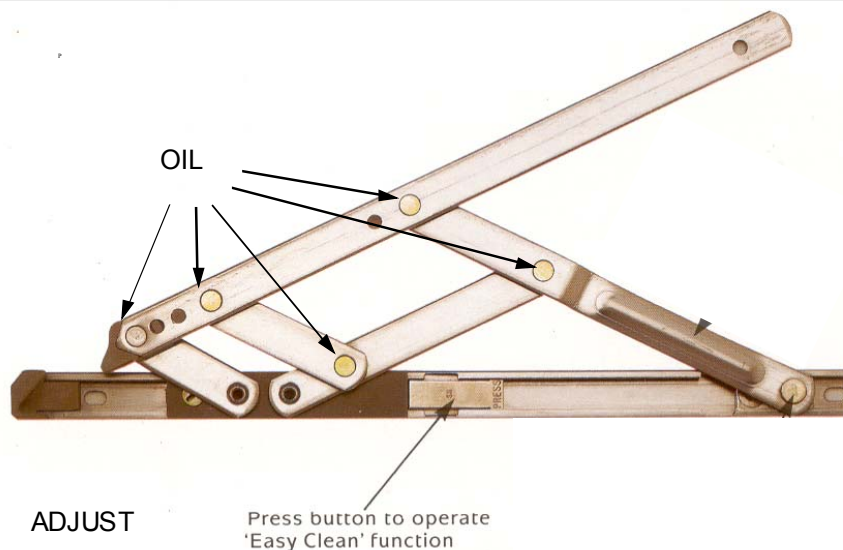
Maintenance

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Adjustment

It is unlikely that any adjustment will be required to the lock and hinges, but if this should become necessary proceed as follows:-

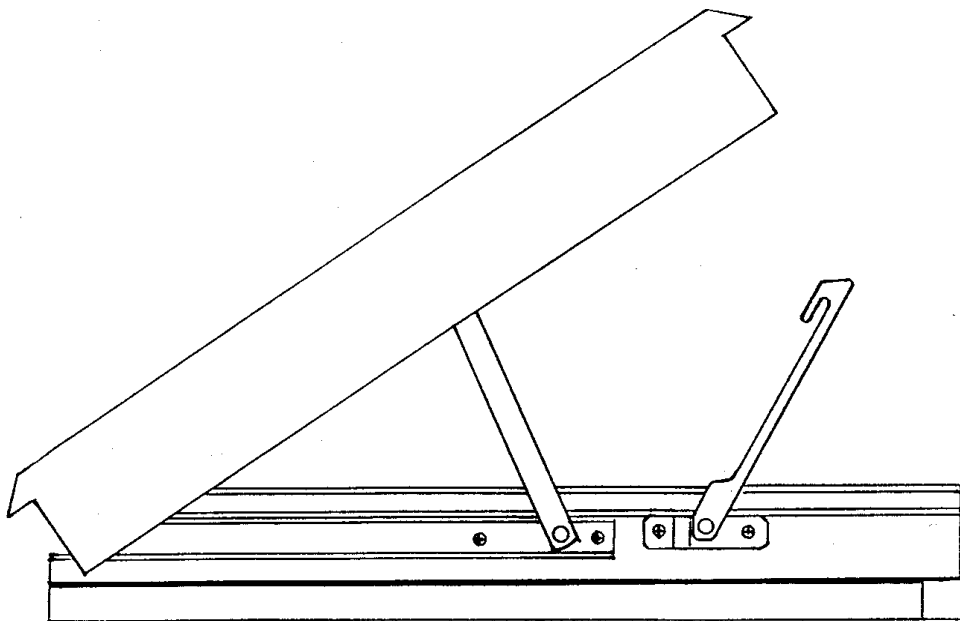
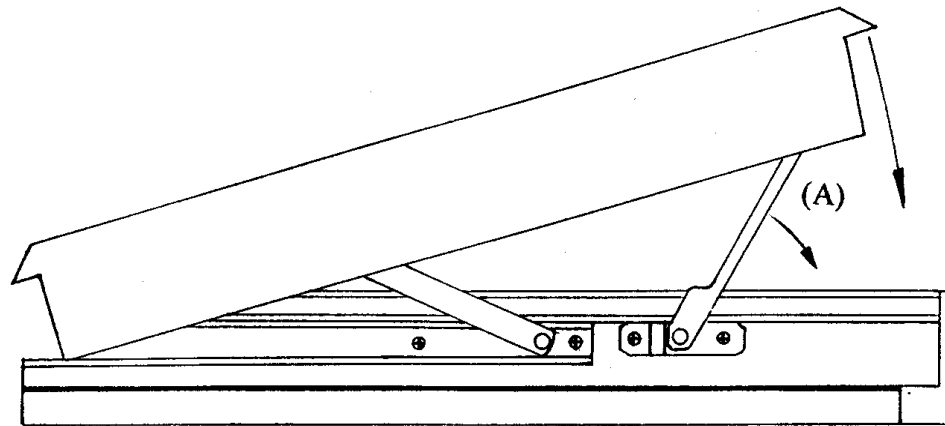
- If the **hinges are tight or loose**, with a small screwdriver adjust the screw in the plastic hinge slider. Note only a very slight turn is required.
- If the **lock bolts need adjusting**, a 4 mm Allen key is inserted in the mushroom and turned. This will either compress the gasket or slacken the compression as required.



RESTRICTED WINDOWS

The restrictor is fitted to some windows to prevent children from opening the windows and perhaps falling. To open fully for cleaning, open the window to the restricted position and then move it slightly inwards, and with the other hand pull the arm (A) towards you.

Then push the window out fully open so that there is sufficient space at the back edge to allow cleaning of outside of the glass.



On closing the window, the restrictor automatically re-engages

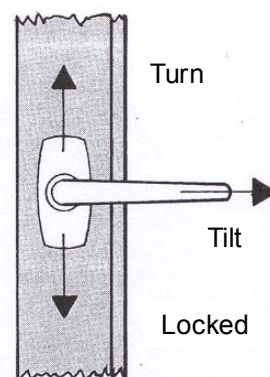
TILT & TURN WINDOWS

Your tilt & turn window is a multi-locking, high quality, highly secure window, & to get the best service from this product, we recommend the following procedure.

The window is taken to the tilt position for ventilation by unlocking the handle and moving it to the first position; now pull gently towards you. Any slight resistance felt at this stage is caused by the anti slam device that prevents the window banging on a windy day when internal doors are opened.

To close the window, grip the handle, push the window in and turn the handle down.

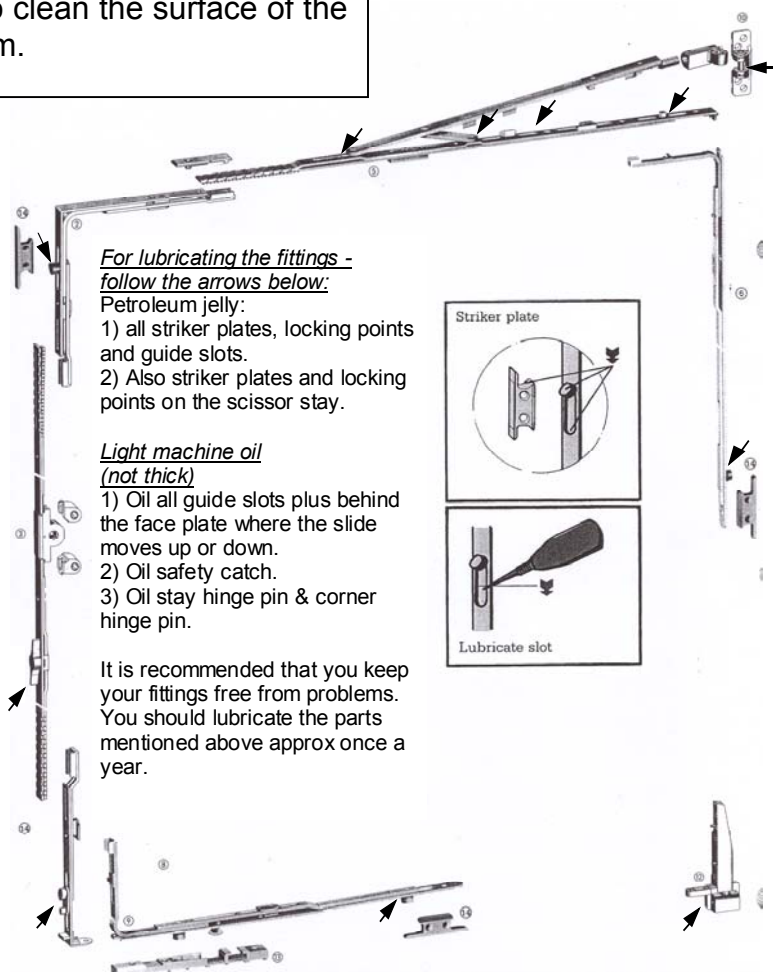
When it is necessary to clean the window, move the handle from the closed position, 180° to the top position, with other hand press the button at the top of the restrictor and pull the window in. It is now possible to clean the surface of the window from the safety of your room.



It must be stressed that this position is for cleaning only and should not be used for ventilation. After cleaning, to close the window, take the handle push the window in and turn the handle to the bottom position

The restrictor will locate automatically.

Lubrication should be carried out by applying light oil and petroleum jelly to the areas illustrated. To get to the top points and hinge side, open the window to the tilt position and for the locking side and bottom points, open the window to the turn position

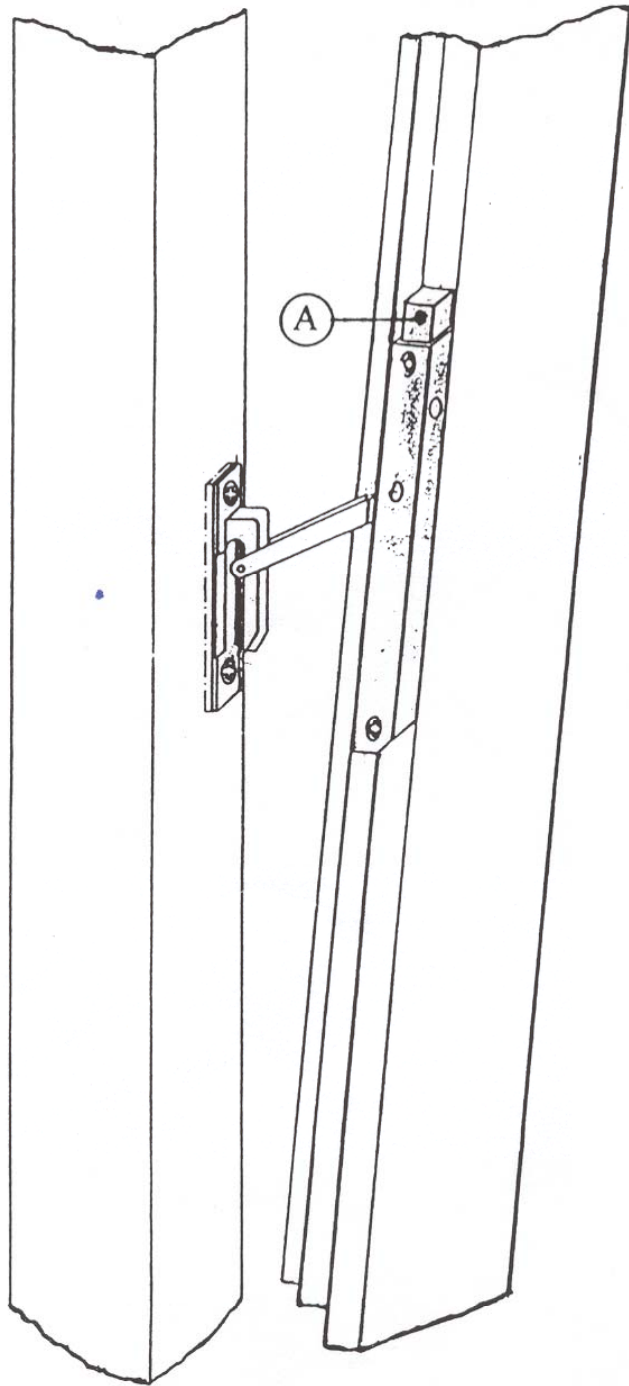


WINDOW RESTRICTOR

The push button restrictor fitted to your tilt and turn or open out casement window, will allow the window to be opened safely for ventilation.

To open the window further for cleaning, bring the window to the closed position (unlock with an Allen key if locking version is fitted), push button 'A' and with your other hand push the window open.

When closing, the restrictor automatically re-engages.



KFV TWO HOOK TWO ROLLER DOOR LOCK

The door is operated by internal and external lever handles with a standard key locking mechanism.

To lock the door

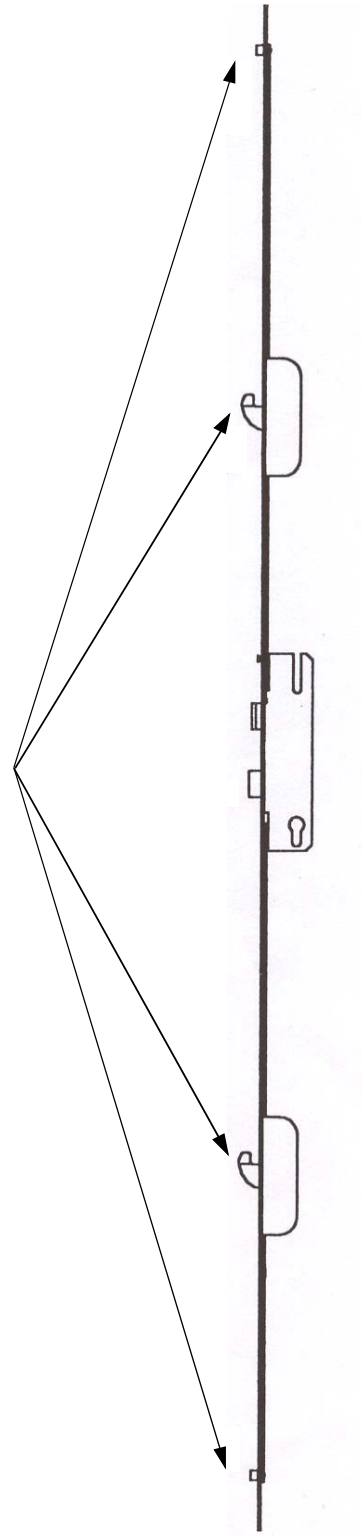
Lift the lever handle to engage the locking points, turn the key or thumb turn cylinder one complete revolution to lock the door.

Unlocking the door

Turn the key or thumb turn one complete revolution. Depress the lever handle to open the door.

When the door is locked, 5 locking points are engaged thus increasing both security and performance. Lubrication should also be applied at the points illustrated on the diagram to the right using WD 40 or similar such product.

OIL



KFV SPLIT SPINDLE DOOR LOCK

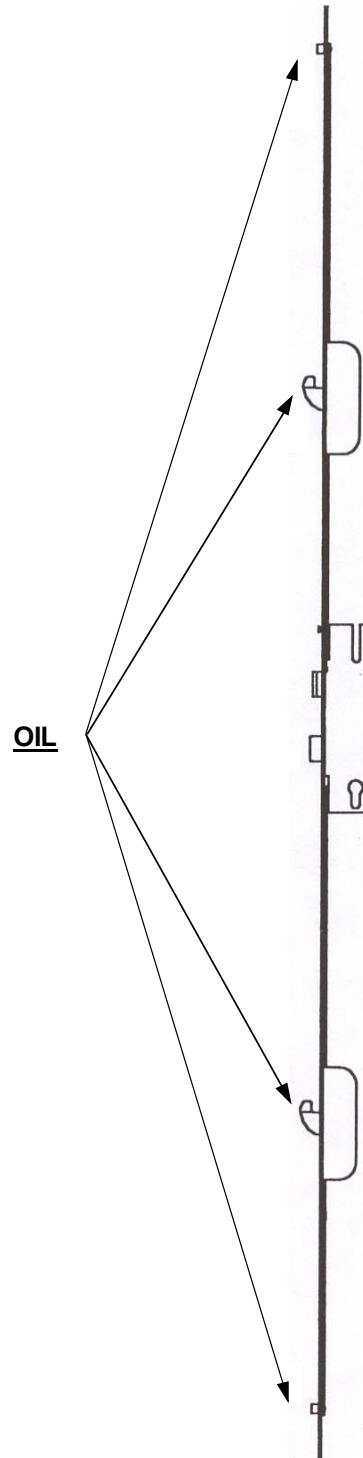
The door is operated by internal and external lever handles with a standard key locking mechanism, but cannot be opened from the outside without the key.

To lock the door

Lift the lever handle to engage the locking points, turn the key or thumb turn cylinder one complete revolution to lock the door.

Unlocking the door

Turn the key or thumb turn one complete revolution. Depress the lever handle to open the door. From the outside after turning the key, depress handle to disengage hooks and bolts then turn the key a little further to operate latch.

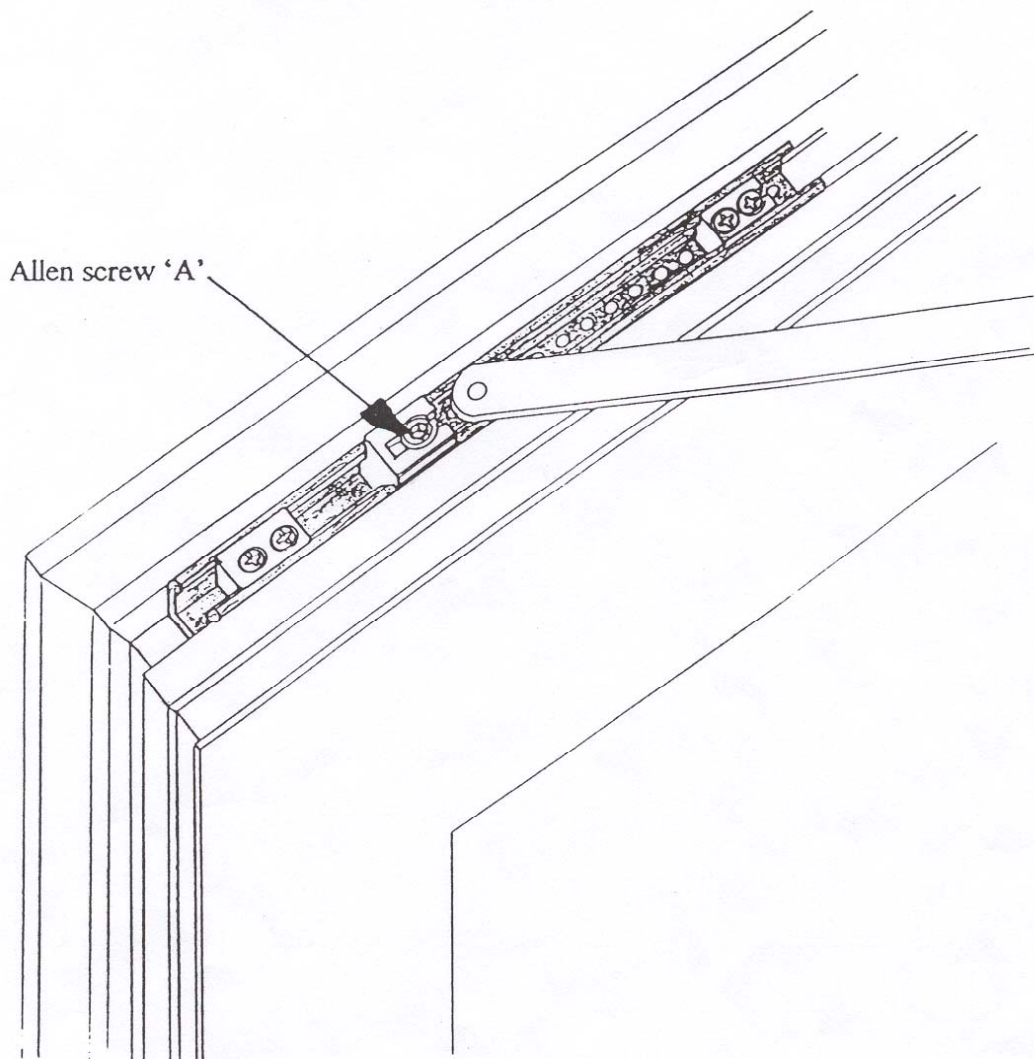


90° DOOR OR WINDOW RESTICTOR

Doors or windows fitted with this type of restrictor can be adjusted in the following manner,

On top of the window or door can be seen a white plastic block with an Allen cap head screw, 'A'. With a 4 mm Allen key, turn clockwise to tighten the restriction and counter clockwise to loosen the restriction.

Please note that only a small turn of the screw is required



FULLY REVERSIBLE WINDOW

If you have this type of window fitted, the operating instructions are as follows:

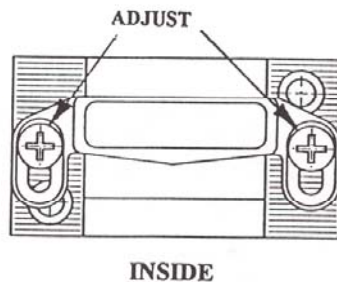
To open the window, turn the handle 90° and push out. The window will open to the first venting position. If more ventilation is required, press in the button on the left hand side and push forward to the next position.

If you require just background ventilation, this can be achieved by engaging the "night vent" position. Just turn the handle 90° and move the window forward approx 20 mm and then bring the handle to the closed position.

To clean the outside of the window, open as described for ventilation, but in the second position, press the button and push out further until you can grip the top of the window and pull it down. This will reverse the window and click in to the safety catch to allow for safe cleaning.

Note: Do not attempt to clean the window in the reverse position until the safety catch is engaged.

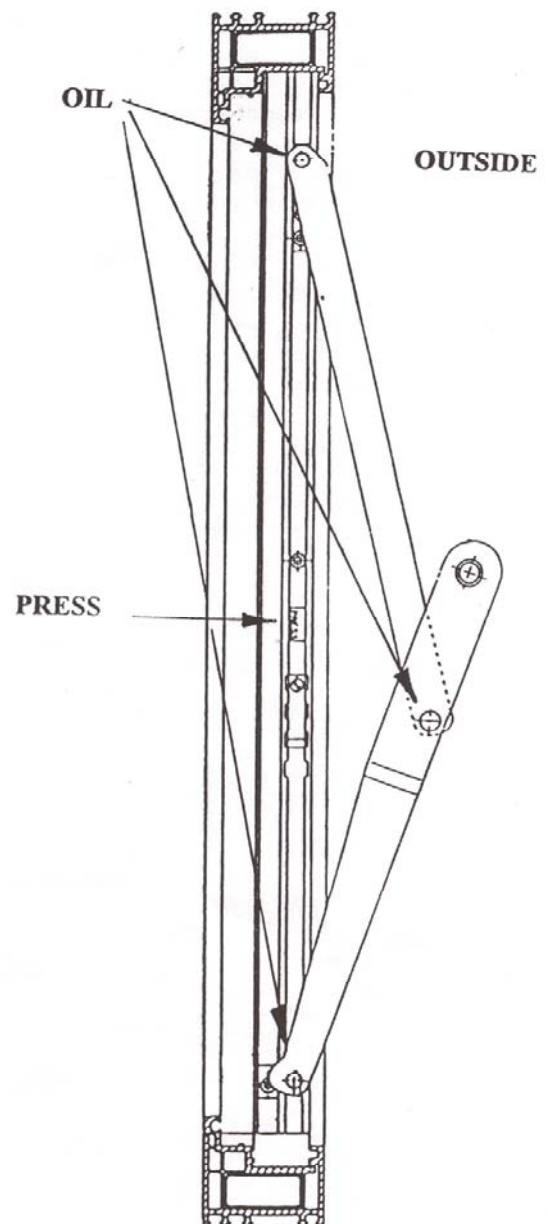
To close the window after cleaning, press the button and push the top of the window to allow the bottom to come in. Grip the bottom and pull in to reverse the window to it's original position. Turn the handle to lock.



If it is required to close the window tighter, the catches can be adjusted by slackening the two screws on each catch and moving the keeper to the desired position. After adjustment tighten screw.

Maintenance

The hinge slide rails are to be kept clean and free from grit. Lubricate with Vaseline. Do not paint these rails. Apply light oil to the pivot point's approx. twice per year.



VERTICAL SLIDING WINDOWS

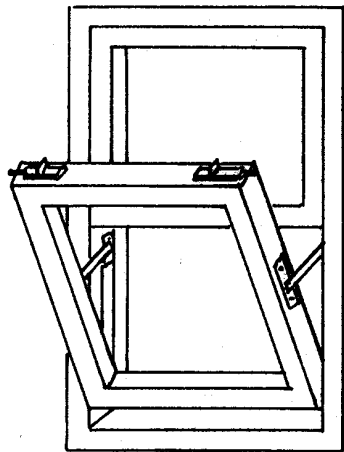


Fig.1

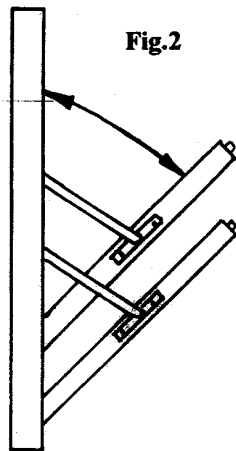
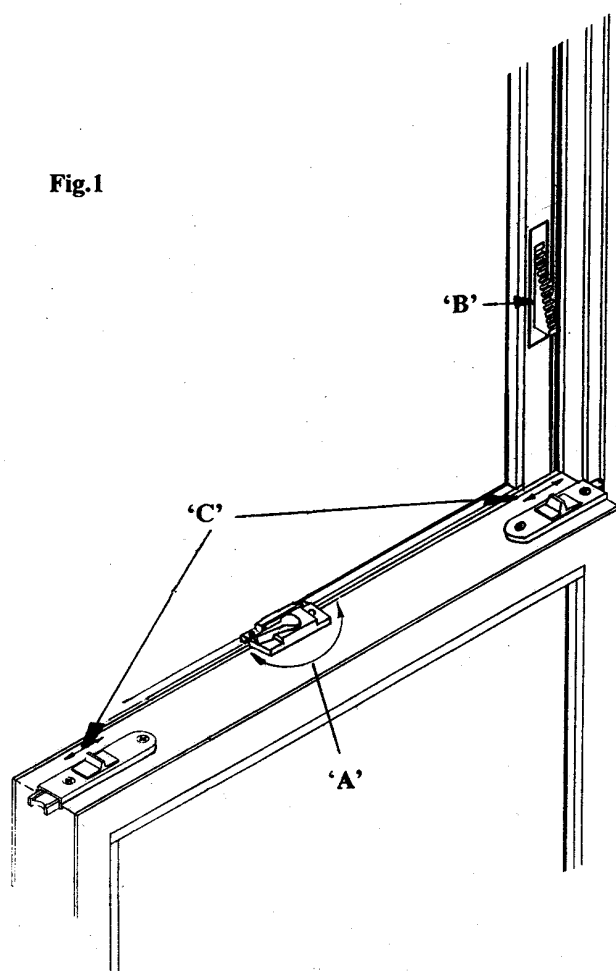


Fig.2

To open the windows, turn lever 'A' on lock and slide the bottom sash up or the top sash down.

If restrictors 'B' are fitted and it is necessary to open beyond this point, push the restrictor in and slightly down to lock in position. The sashes can now be slid fully open. To restrict the windows again, unclip the restrictor.

For cleaning the outside of the windows, unlock as before and slide the bottom sash up approx 100 mm (4"). Move the slide catches 'C' and pull the sash in as in fig. 1. To clean the upper sash, slide the top sash down to the lower sash, release the slide catches as before and open as in fig. 2.

To close the window, reverse the above procedure.