

Operating and Maintenance Instructions. SRH Roof Access Hatch.

Operating instructions

Note: Before operating the cover always ensure that there is nothing on top of the lid and that the area in which the cover operates is free from obstructions and personnel.



Opening the lid (From above)

Turn the external handle 90 degrees to open the lid. By taking hold of the edge of the lid, this can be raised upward into its fully open position with minimal effort.



As the cover moves to its fully open position, the articulated arm of the hold open safety stay will automatically drop into place over a captive stud fixed to the frame. This stay is designed to resist the lid being accidentally closed, or in the unlikely event that the gas springs should both fail, the lid is held open. Always ensure that the stay is securely located in its correct locking location when the lid is open and before entering the space below the cover.



Opening the lid from below/or in emergency

In the event that the lid is closed and requires opening from below, the slam lock mechanism will operate the latch by turning the handle 90 degrees. Once the lid is unlocked gently push the lid to raise upward into its fully open position with minimal effort.

As the cover moves to its fully open position, the articulated arm of the hold open safety stay will automatically drop into place over a captive stud fixed to the frame. This stay is designed to resist the lid being accidentally closed, or in the unlikely event that the gas springs should both fail, the lid is held open. Always ensure that the stay is securely located in its correct locking location when the lid is open and before entering the space below the cover.



Closing the lid (From above)

In order to begin closing the lid it is necessary to disengage the hold open stay. With a slight "opening" pressure against the lid to relieve any weight on the stay, simply lift the lower end of the stay so that the end of the slot moves off the captive stud. Then begin closing the lid and the stay will travel to its rest position as the lid closes.



In order to close the lid it is necessary to overcome the pressure of the gas springs, but this does not require a great effort, and the weight of the lid itself will assist in closing.

The lid is then lowered down to its closed position ensuring that there is nothing obstructing the lid or between the lid and the frame.

At its final closing position the lid may require a little extra force to pass and engage the “slam lock”. Do not hold the edges of the lid when closing to avoid injury. Pressure should be applied to the top face of the lid only.

Closing the lid (From below)

In order to begin closing the lid it is necessary to disengage the hold open stay. With a slight “opening” pressure against the lid to relieve any weight on the stay, simply lift the lower end of the stay so that the end of the slot moves off the captive stud. Then begin closing the lid and the stay will travel to its rest position as the lid closes.

In order to close the lid it is necessary to overcome the pressure of the gas springs, but this does not require a great effort, and the weight of the lid itself will assist in closing.

The lid is then pulled down to its closed position ensuring that there is nothing obstructing the lid or between the lid and the frame.

At its final closing position the lid may require a little extra force to pass and engage the “slam lock”. Do not hold the edges of the lid when closing to avoid injury. Pressure should be applied to the top face of the lid only.



Maintenance Guide

There is little maintenance required to the covers but the following will offer trouble free operation.

Keep the cover clean, both externally and internally as far as is practically possible.

Keep the side channels of the frame free of debris that might prevent the closing of the hatch, and blockage of the frame drainage points.

Seals: Periodically check the condition of the sealing strips around the inner perimeter of the frame. These strips act as a compressible seal and cushion for the lid. Wipe clean with a soft cloth and mild detergent solution. Check for damage and replace as necessary. These checks can be done whenever the cover is used and periodically at least once per month.

Gas springs: Should be kept clean and lubricated.

Check the gas springs for any signs of wear/ damage and check their smooth operation.

Lubricate the fixing pins at each end of the spring with light machine oil.(Monthly).

Clean/ lubricate the shaft of the springs with a soft cloth wetted with WD40 or light machine oil. (Monthly).

Gas springs have an “O” ring seal to the shaft which has a self-lubricating action in operation. It is important that the gas springs be operated regularly to maintain the condition of the “o” ring. (at least once per month).

Hinges: Ensure that the main hinges are kept clean and unobstructed and lubricate periodically with WD40 or light machine oil.

Slam lock: Periodically check the correct operation of the latch and panic lever. This item is internally greased and should not require additional lubrication.

