



Operating and Maintenance Instructions. Type SAC Manual Operation (Gas Springs). Recessed Floor Mounted Access Hatch.

Opening the hatch.

From above: - Remove the countersunk blanking plug(s) from the hole(s) in the hatch lid above the cablocks (2no).

This hatch is fitted with a slam cablock mechanism which should be operated with the tee key supplied.

Standing clear of the lid, insert the 8mm square drive "T" key(s) into the slam lock(s) through the hole(s) provided in the hatch lid and rotate anti clockwise to disengage the latch. Remove the "T" key from the latch hole and retain.

From below: - operate the cablock by applying pressure to the cablock lever in an anti-clockwise direction.

The pressure of the gas springs will lift the lid to approximately 15/20 degrees.

It is now possible to manually lift the lid with the aid of the gas springs to its fully open position (approximately 80 degrees).

The safety hold open stay should automatically engage with the lug on the side frame.

If the stay does not engage correctly then apply a small opening force to the lid to open further and manually engage the stay onto the lug.

For manual tube type stays with the lid open rotate the stay up by hand until it engages on the lid fitting – see as built drawing for further info.

Closing the hatch.

- ***Before closing the hatch lid ensure that there are no obstructions between the lid and the frame and that all personnel, feet, hands etc are fully clear of the lid perimeter.***

Disengage the safety stay from the lug on the side of the frame and apply sufficient force to top of the hatch lid to overcome the pressure of the gas springs. Allow the safety stay to rest/run on top of the lug

Manually close the hatch lid until the cab lock reaches the striker plate on the frame. Apply sufficient additional force to close the lid fully and engage the cab lock.

Replace the countersunk bung screw.

Maintenance.

There is little maintenance required to the hatch but regular attention depending on its situation and use will help to give a long and trouble free service life.

Hatches fitted with gas springs need to be opened/ closed on a regular basis (monthly) to preserve the seals on the gas spring barrel. These are self lubricating in use and if not used

regularly the “o”-rings can deteriorate, allowing the gas charge to escape, thereby reducing the lifting capacity of the spring.

Clean out any debris which may collect in the channel of the frame, particularly around the concealed hinges and drain points, and the clearance gap between the lid and frame.

Lubricate moving parts- a light machine oil should be applied to the hinge, the cab locks and the pivot bolts of the gas springs.

An aerosol applicator is the easiest method to access the hinges to ensure the oil penetrates along and around the hinge pins.

Periodically check that all bolted connections for the gas spring brackets etc. remain tight and tighten if necessary.

Cleaning.

Clean off any accumulation of dirt/debris from the top of the lid and frame using a proprietary detergent solution. It may be necessary to use a stiff brush for any stubborn areas.

However this unit is powder coated, do not use any abrasive materials for cleaning that might damage the coating/scratch the surface.

Clean out any dirt/ debris from the channel of the frame, particularly around the hinges and drain points.

If the unit is to be power washed then be aware that the lid/frame are not water tight and water will pass through to the frame channel. If drain points are fitted then the channel will empty. If drain points are not fitted then the channel will fill and water may enter below passed the “buffer” seal in the frame.