



SRH Aluminium Manual Access Hatch (Gas Springs).

Please read all of these instructions before starting installation.

- 1. First action:** Unpack all contents and check against drawing provided. Carefully read all instructions and drawings prior to fitting the unit, ensuring that the method of assembly and fixing is fully understood. Ensure that the structure to which the unit frame is to be fixed is capable of supporting the unit at rest and in use.
- 2. General:** The hatch units are manual opening and closing and are fitted gas struts. The gas struts are intended to offer a “balanced action” on opening. The gas struts are pre-fitted at works and the hatch operation tested and set. There should be no need to adjust the gas strut pressure again when re-fitted.
- 3.** The unit is to be supported on a purpose made upstand (by others) on all four edges. Ensure that the upstand top faces are level and true to each other. The fixing points for the unit can be back marked through the frame once the unit is in position. (Fixing bolts etc supplied by others).
- 4.** Using a suitable method of lifting (eg. Soft slings) lower the unit onto the supporting structure and manoeuvre into position.
It is the installer’s responsibility to determine a satisfactory method of lifting/ positioning the unit as Surespan Ltd has no knowledge of site conditions or access. Mark out the fixing holes through the predrilled holes in the unit frame, drill suitably sized holes for the fixings, clean away drilling debris and then loose bolt the unit frame in position.
Check the final level of the unit frame and shim the underside of the frame if necessary to achieve a level position. It is important that the frame is supported along its length and if it is necessary to pack up the frame to achieve a level condition then suitable packing should be used along the length of the frame. We recommend that the unit be bedded onto a bead of ribbon mastic sealant to provide an airtight seal between the fixing flange and the upstand.
Finally tighten fixing bolts fully to secure frame.
- 5. Gas strut lower brackets:** the brackets protrude below the unit frame and require to be solidly fixed back to the structure. The brackets should be perpendicular to the unit frame and there should be no gap between the bracket and the structure. Use shims/packing to solidly mount the bracket if required and firmly bolt in place.
- 6.** In order to refit the gas springs (see also the separate gas spring fitting instructions sheet). The internal force of the gas spring means that it cannot be compressed by hand and will require the lid fully open to accommodate its length between the brackets. To fit the gas springs, align its bottom fixing point with the holes in the lower bracket and insert bolt/nut/spacers supplied and tighten. This point needs to rotate so do not over tighten bolt.
- 7.** Check operation of hatch by opening and closing fully. Check that the hinges and gas springs operate smoothly and check that there is no movement or flexing of the hinged side of the frame or the lower gas spring brackets.

For further information contact;

Surespan Limited

Leamore Close

Leamore Enterprise Park

Walsall

West Midlands

WS2 7NL

Tel: +44 (0)1922 711185

Fax: +44 (0)1922 714099

E-mail: sales@surespancovers.com

