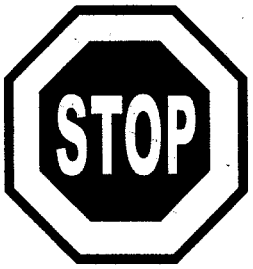
Safety Requirements



Please read carefully before installing. Failure to do so could invalidate your warranty.

Gas Springs are filled with Nitrogen at very high pressures, and under no circumstances should they be opened or tampered with, or subjected to excessive heat or tension.

Gas Springs should always be treated with respect in the knowledge of the pressure internally.

As a Pressurised item, it is recommended that they be returned to the supplier for safe disposal at the end of their useful life.

As the nature of a gas spring is to lose its force over a long period of time, it is advisable to periodically check it's ability to operate as initially intended, preferably forming part of a planned maintenance programme. Replace if, and when necessary.

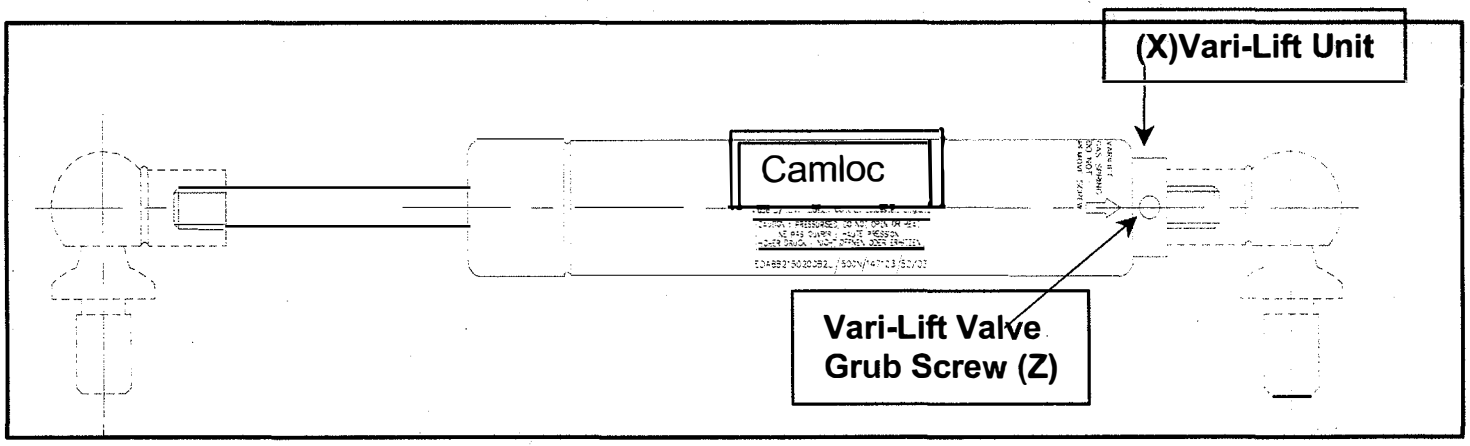
Installation Instructions

For standard compression gas springs, we advise the use of ball joints to alleviate possible side load Always ensure end fittings are fully screwed onto the gas spring thread ends before fitting.

Generally fit with piston rod down, preferably within 60 degrees to the vertical, and avoid the spring travelling through a large arc. It is advisable to keep the spring in a single plane of movement. Failure to adhere to this advice may result in reduced life of the gas spring.

Further explanation and advice can be obtained from the offices listed.

Variable Pressure Gas Spring Valve Adjustment Instructions



Fit the gas spring with the cylinder or tube uppermost. The Vari-Lift valve will be seen at the top of the cylinder **(X)**

Using the 2mm Allen key provided, undo the Allen screw **(Z)** just a fraction until the gas can be heard escaping. Re-tighten the Allen screw almost immediately. **DO NOT USE EXCESSIVE FORCE.**

Repeat the process releasing a small amount of gas at a time until the required spring action is achieved. It is advisable to add approximately 10% to the weight being supported when adjusting the gas spring. This will reduce the chance of releasing too much gas.

UNDER NO CIRCUMSTANCES SHOULD THE ALLEN SCREW BE REMOVED

NOTE: A Slight mist of oil may sometimes be seen escaping when venting gas. This is normal.

JET PRESS Ltd
Nunn Close, Huthwaite, Nottinghamshire, NG17 2HW
Tel : 01623 551 800. Fax: 01623 551 175
Email: sales@jetpress.com

jetpress.com