

Safety Requirements

Please read before adjusting or mounting the gas struts.

Failure to do so may invalidate your warranty.



Gas struts are filled with high pressure Nitrogen and under no circumstances should they be opened, drilled or subject to excessive heat.

The internal pressure of a gas strut is very high and should be treated with caution. The nature of a gas strut is to lose force over a period of time; it is advisable to regularly check that the gas strut performs as originally intended, ideally as part of a regular maintenance program.

The gas strut contains oil and high pressure Nitrogen – it is recommended that they are returned to the supplier for safe disposal at the end of their working life.

Adjustment Instructions



Fit the gas strut with the cylinder uppermost. The adjustment valve (X) is located at the uppermost end of the cylinder as shown in the above figure.

Using the Allen key provided undo the grub screw until gas can be heard escaping. Then retighten the grub screw. Only release the gas in short bursts to avoid venting too much gas.

Repeat the process until the gas strut is behaving as desired. In the case of multiple gas struts adjust them in an alternating order to keep them equal.

Note: Gas strut must be upright with the valve at the top and the rod pointing down during adjustment to avoid excessive loss of oil.

A small mist of oil may be ejected from the valve during adjustment – this is normal.

Avoid excessive force when adjusting as this may damage the grub screw. Under no circumstances should the grub screw be removed.