

**Gemini Gas Springs Inc.**

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General advice on installation

PLEASE NOTE!

Gas springs, gas traction springs and lockable gas springs feature an extremely high internal pressure (Up to approx. 300 bar 4350Psi). It is absolutely not allowed to open them! Please observe the label for mounting direction and end fitting recommendation.

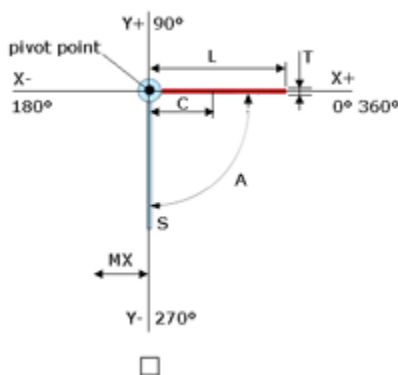
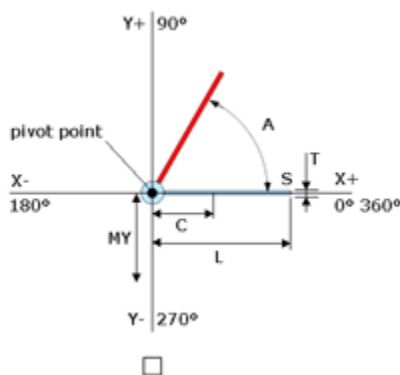
DISPOSAL/RECYCLING

Gas springs are mainly made of metal and can be disposed for recycling purposes. Please observe disposal instructions and local regulations. Before disposing the spring it must be completely empty and without oil. Please ask for our disposal instructions.

Mounting

Gemini Gas Springs™ can be mounted in any direction and can be used as an end stop however in order to have the best motion, lubrication and end damping we recommend with mounting rod downwards (see label for direction)

Follow the provided instructions where to mount the gas springs measured from the center of hinge point and Y/X axis see below



The gas spring must not be exposed to any possible side or twisting forces due to misalignment of the assembly, it will cause friction to the seals and consequently premature failure. A gas spring should be able to pivot freely in its brackets if not, premature failure or bending will occur.

It is recommended to mount the bracket on the door/lid/cover/flap first, for gas springs with an eyelet remove the bolt with nut or clip from the bracket then place the gas spring into the bracket and insert the bolt and secure with nylock nut or retaining clip (included). Secondly repeat the same step with wall bracket, mount the wall bracket according to the provided distance and secure with the securing clip. For gas springs with ball sockets and ball brackets one needs to remove the folding safety pin of the ball socket and grease inside, after mounting the folding safety pin must be put back in order to prevent any possible detaching from bracket.

DANGER!!

Take appropriate precautions to prevent the door/lid/cover/flap from falling down causing possible injuries during mounting of the gas springs. When the application requires 2 gas springs on each end then one must observe any possible safety issues. Assure that it is safe! It is the responsibility of the customer to observe the suitability of gas springs for the application and possible safety issues!

Maintenance

Gas springs do not require maintenance, do not grease or oil the piston rod, a dry clean cloth can be used to wipe off the piston rod but always away from the cylinder. The piston rod must be protected against dirt, scratches or any other damage

Warranty

Each gas spring is labelled with the year of production, description and the text "Danger do not open and damage High pressure / Danger Ne pas ouvrir ou de dommages Haute pression". Warranty will be void if this label wholly or partially has been removed or erased. Products manufactured by Gemini Gas Springs™ Inc. have a warranty of 12 months after delivery date against defects in material or workmanship provided normal use. Any product that is found to be defective under normal use, will be repaired or replaced under warranty