

Installation Effects:



Open vertically upward



Open horizontally upward

Before installation:

Make sure that the gas spring matches your application scenario.

(This guide uses the box lid as an example.)

A) Measure the side length of the lid.

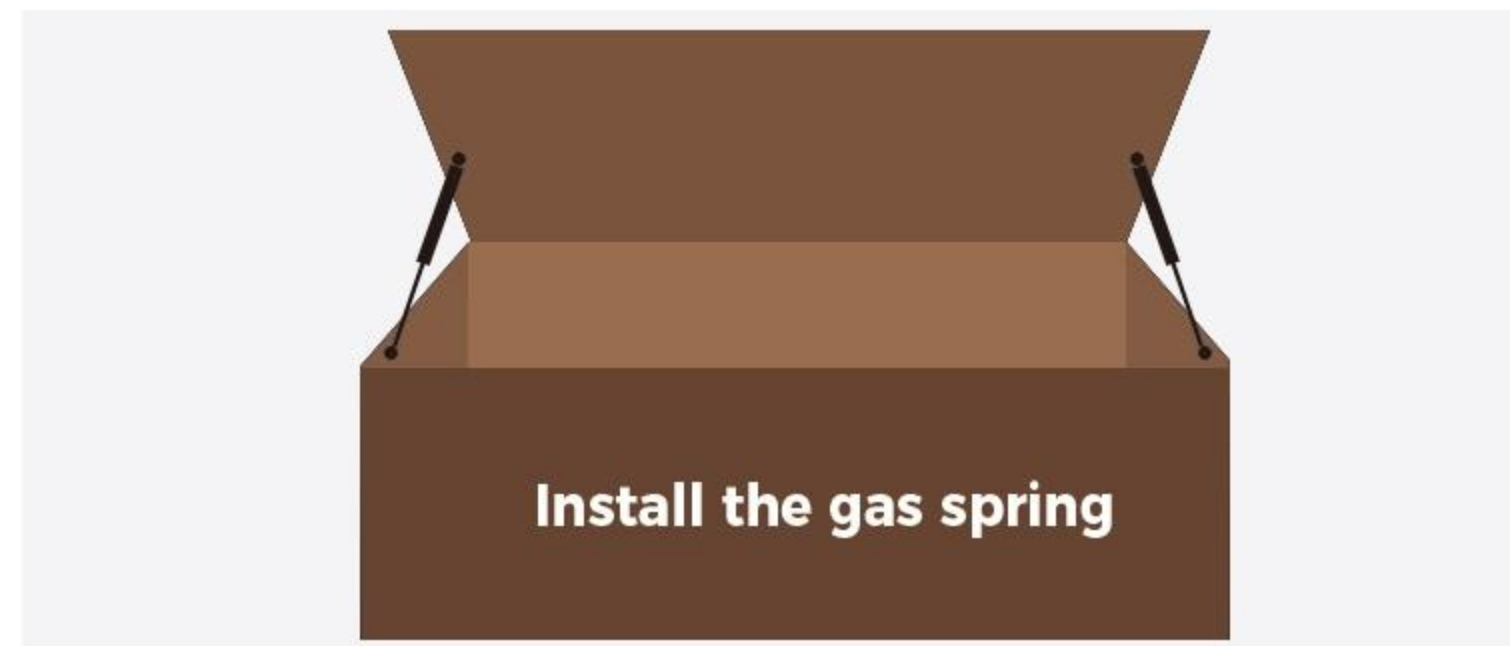
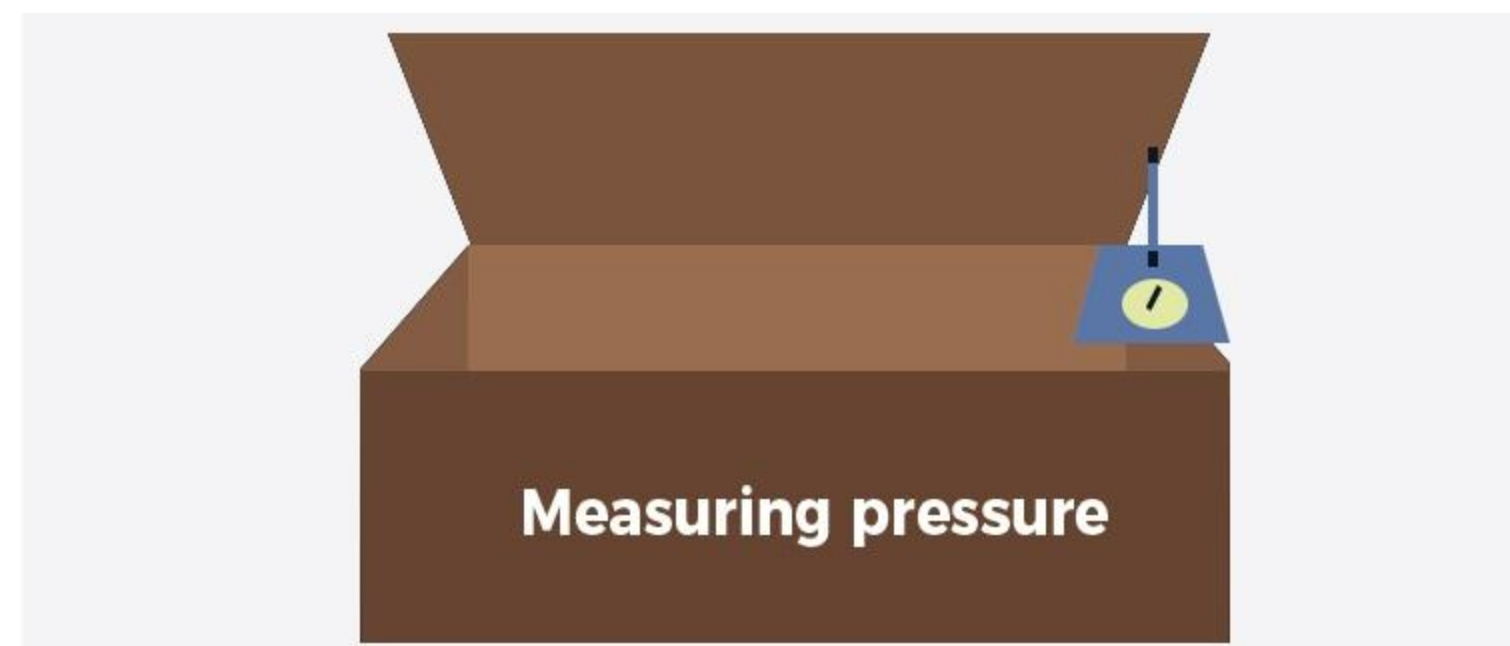
We suggest the length of the strut within $1/2$ to $2/3$ of the side length of the lid.

B) Use a pole and a scale to weigh at the position where you will install struts (as image shows below).

a) The upper mounting point is usually $1/5$ away from the hinge.

b) For example, if the scale read 60 lbs, the gas struts with pressure 55-75 lbs, this is suitable.

c) We recommend you use a pair of gas struts on both sides at the same time.



-If the size and support weight of the gas struts you purchased can meet the requirements, you can enter the installation steps.

-If they do not meet the requirements, don't worry, you can contact us for help by email Pamagoo@outlook.com

Gas Spring Quick Installation Guide

Are you ready?

We are about to start the installation steps.

Installation steps:

A) Determine the Upper Mounting Point A:

- a) Open the lid to the height where you want it supported.
- b) Mark the upper bracket mounting point on the inside of the lid 1/5 from the hinge (C) to the opposite side of the lid.

B) Determine the Lower Mounting Point B:

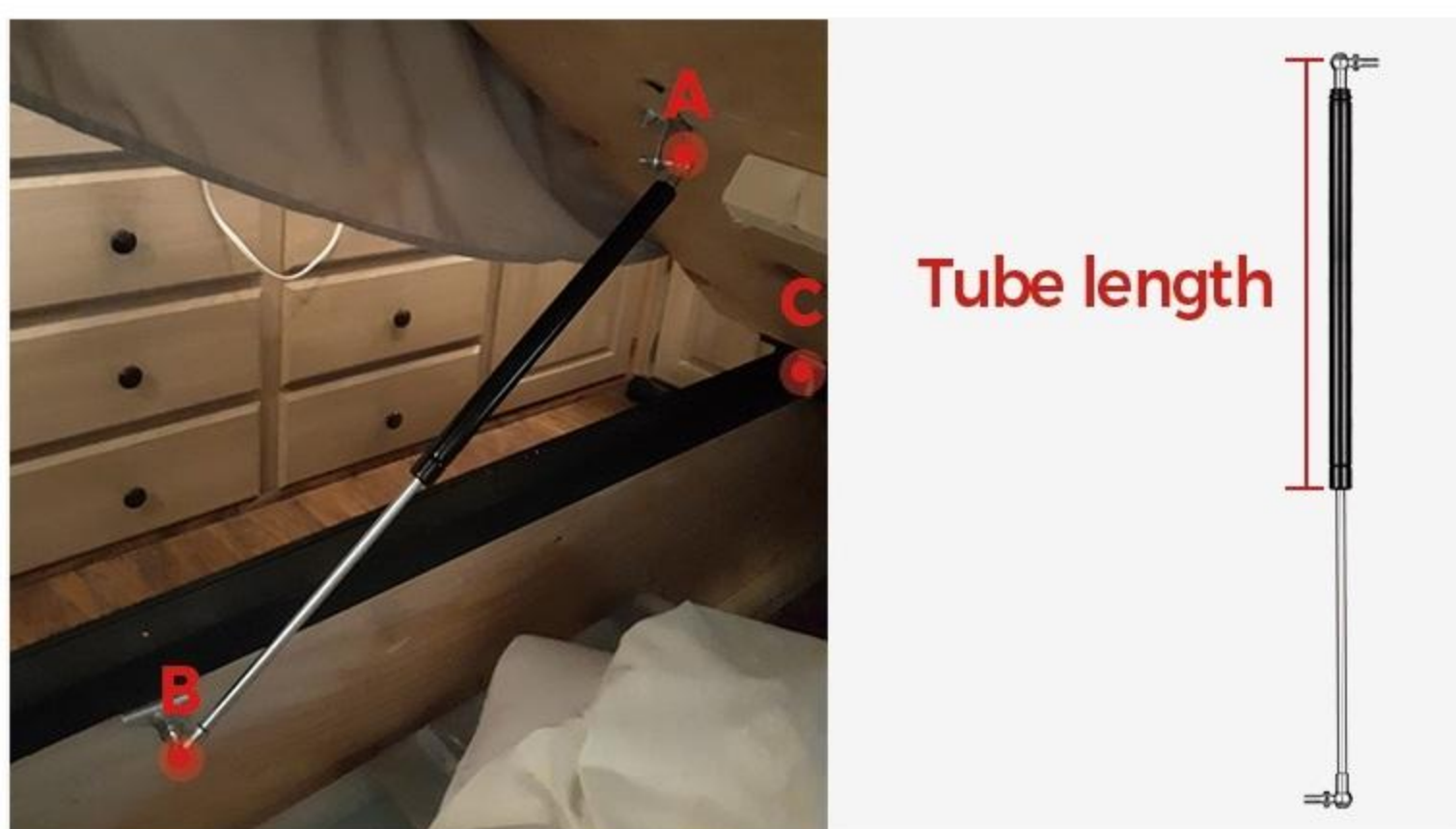
- a) The lower mounting point is often just below the upper mounting point.

C) Use the formula below to determine whether the A & B point meets the installation conditions:

$$BC = (\text{Tube length} + AC)$$

BC: Distance from lower mounting point to hinge.

AC: Distance from upper mounting point to hinge.



Note: The formula can be used to make sure gas struts could fully extend when the lid opened and fully compress after the lid closed.

D) After determining the mounting point, you can start fixing the mounting brackets and gas struts. Do make sure the struts are mounted "rod down" to ensure that the main rod seal is well lubricated at all times.

E) Check whether the gas strut is working properly.

Adjustment:

A) If the force is too weak (Such as lid cannot stay open), Move the upper mounting point opposite to the hinge on the lid (3/4 inch each time).

B) If the force is too strong (Such as the lid cannot close or the gas struts cannot be fully compressed), Move the upper mounting point towards the hinge on the lid (3/4 inch each time). Note: The lower mounting point needs to be adjusted along with the moving of the upper point.

C) Check whether it meets the requirements of the formula every time you move the mounting point.

Congratulations! You have successfully installed the gas struts after the previous step.

Don't forget: Our products comes with **18-Months Replacement Service.**

Need more help from us?

Via email: Pamagoo@outlook.com

Please attach these information:

1. Your Amazon order number.
2. The problem you encountered.
3. The data you measured.

We will provide you solutions within **24hrs.**