

## APEXSTONE GAS SPRINGS MOUNTING INSTRUCTIONS

### Caution:

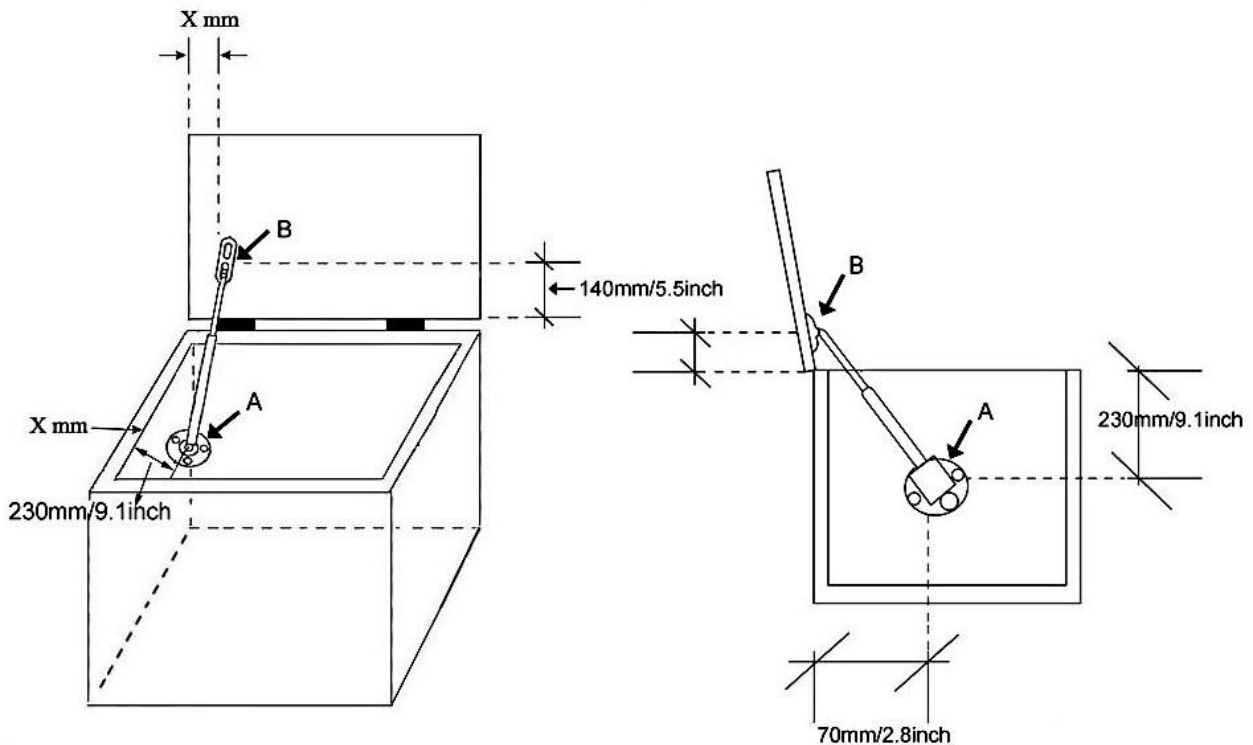
1. When you receive the gas spring, check it and the accessories, especially the Extended Length and Stroke Length, and the Force, if they are compatible with your purchase, then prepare screws, screwdriver, and drill.
2. Check again the weight and size of your project lid, including the RV/vehicle/cupboard/toy chest/box/trunk/container, to confirm whether the gas spring is suitable for your project. If it does not match, then do not attempt to use the replacement gas spring. There is a danger in using an unsuitable gas strut for an application.
3. If the size and force are matched, please go further and find the installation guide for the size you buy to follow. Please note that our manuals are classified according to **FUNCTION** and **SIZE**.

Function \ Size	6inch	7inch	8inch	9inch	10inch	11inch	12inch	14.2inch	15inch
<b>Soft Close</b>	N/A							✓	N/A
<b>Open Gently/ Lift Support</b>	✓	✓	✓	✓	✓	✓	✓	N/A	✓

4. It's HIGH PRESSURE inside the cylinder, DO NOT open it, DO NOT approach the high temperature, DO NOT scratch, dent, chip, bend, or paint the Rod, and DO NOT puncture or incinerate it.
5. Ensure that the end fittings are in line so that side load forces are not applied due to misalignment.

### Specific Installation Procedure

#### Apexstone 14.2-inch 'Soft Close' Lid Gas Springs for Toy Chest Toy Box



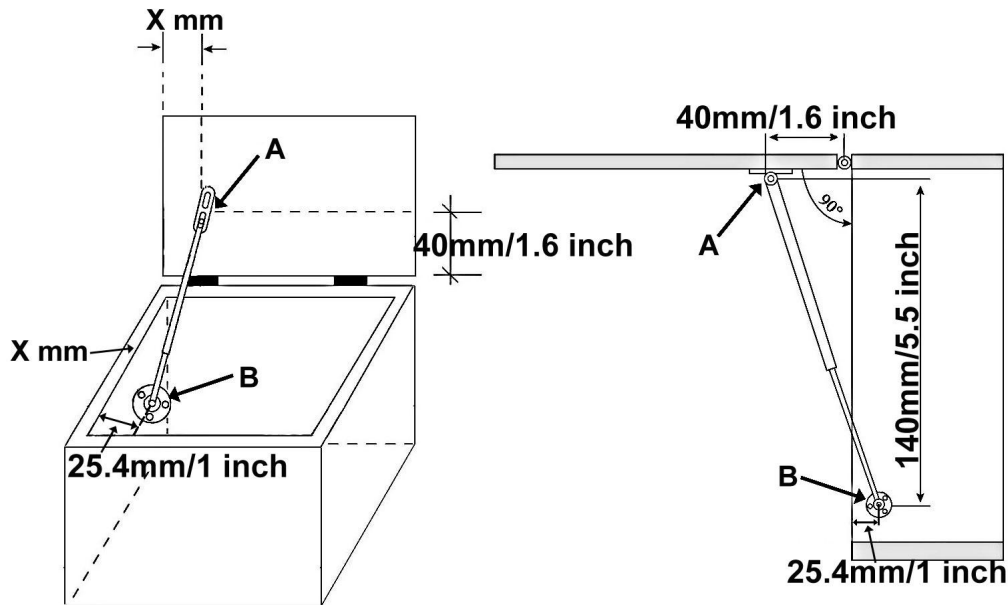
1. Open the top panel or door of the woodworking project you want to the desired open angle.
2. Prepare the Gas Spring with the **Rod UP** for optimum lubrication to work best.
3. Determine the Mounting Points.
  - a) As the **Bottom Mounting Point** (mark as point **A**), it should be **230mm/9.1 inch** towards the upper edge of the box, and the distance to the inner side of it is **70mm/2.8 Inch**.

- b) As the **Top Mounting Point** (mark as point **B**), it should be **140mm/5.5 inch** towards the hinge of the lid/door (do this bracket last so you can line up the closing with the side of the toy box), as distance to the side, it depends on the thickness (X mm) of your box/cupboard.
- Punch and fix the connectors and connect the joints and the springs.
  - Repeat it on the opposite side.

**Note:** Rod up is the key to soft close. The heavier the lid, the more vertically installation method is recommended.

## Apexstone '6-inch Lift Supports' Gas Springs

(Apply to 45N/10lb, 80N/18lb, 100N/22.5lb, 150N/33lb, 160N/36lb, and 200N/45lb gas springs)



- Open the top panel or door of the woodworking project you want to the desired open angle.
- Prepare the springs with the **ROD DOWN** for optimum lubrication, ensuring as minor wear and tear as possible.
- Determine the Mounting Points.
  - As the **Top Mounting Point** (mark as point **A**), it should be **40mm/1.6 inch** towards the hinge on the lid (do this bracket last so you can line up the closing with the side of the cabinet), as distance to the side, it depends on the thickness (X mm) of your box/cupboard.
  - As the **Bottom Mounting Point** (mark as point **B**), please note that the spring does not need to be perfectly vertical when determining the Bottom mounting point, and the distance to the side of the lid should be 25.4mm/1 inch.
- Punch and fix the connectors and connect the joints and the spring.
- Repeat it on the opposite side.

**Note:** Rod down is the correct orientation to install. The heavier the lid, the more vertically installation method is recommended.

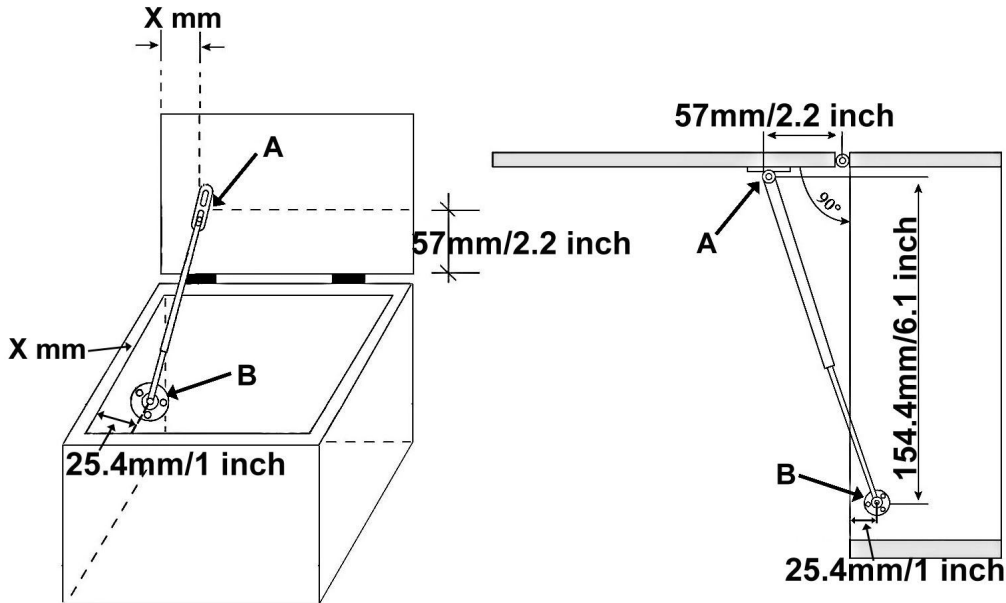
## Apexstone '7-inch Lift Supports' Gas Springs

(Apply to 45N/10lb, 80N/18lb, 100N/22.5lb, 150N/33lb, 160N/36lb, and 200N/45lb gas springs)

- Open the top panel or door of the woodworking project you want to the desired open angle.

2. Prepare the springs with the **ROD DOWN** for optimum lubrication, ensuring as minor wear and tear as possible.
3. Determine the Mounting Points.
  - a) As the **Top Mounting Point** (mark as point **A**), it should be **57mm/2.2 inch** towards the hinge on the lid (do this bracket last so you can line up the closing with the side of the cabinet), as distance to the side, it depends on the thickness (X mm) of your box/cupboard.
  - b) As the **Bottom Mounting Point** (mark as point **B**), please note that the spring does not need to be perfectly vertical when determining the Bottom mounting point, and the distance to the side of the lid should be 25.4mm/1 inch.
4. Punch and fix the connectors and connect the joints and the spring.
5. Repeat it on the opposite side.

**Note:** Rod down is the correct orientation to install. The heavier the lid, the more vertically installation method is recommended.



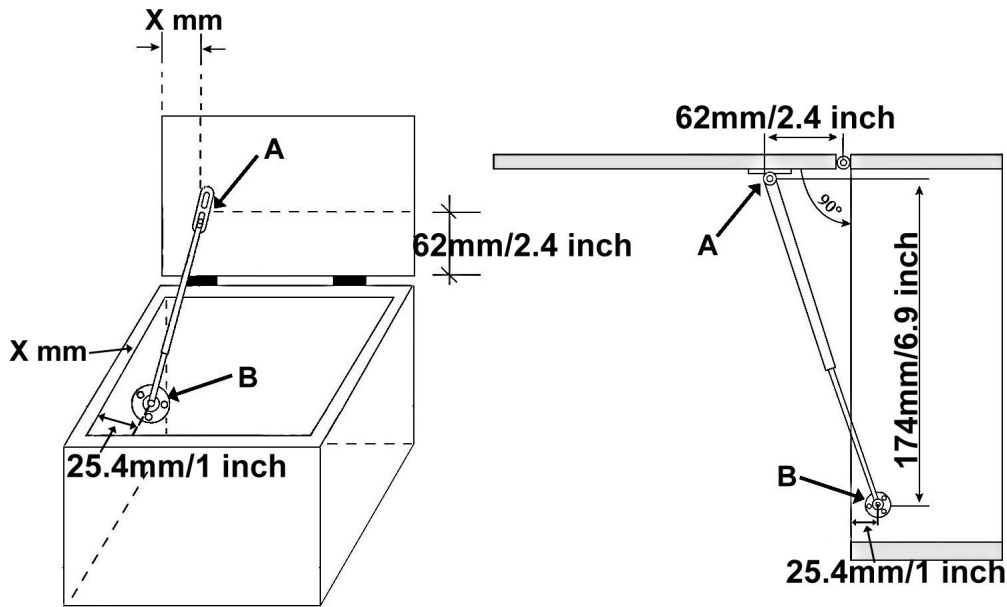
## Apexstone '8-inch Lift Supports' Gas Springs

(Apply to 45N/10lb, 80N/18lb, 100N/22.5lb, 150N/33lb, 160N/36lb, and 200N/45lb gas springs)

1. Open the top panel or door of the woodworking project you want to the desired open angle.
2. Prepare the springs with the **ROD DOWN** for optimum lubrication, ensuring as minor wear and tear as possible.
3. Determine the Mounting Points.
  - a) As the **Top Mounting Point** (mark as point **A**), it should be **62mm/2.4 inch** towards the hinge on the lid (do this bracket last so you can line up the closing with the side of the cabinet), as distance to the side, it depends on the thickness (X mm) of your box/cupboard.
  - b) As the **Bottom Mounting Point** (mark as point **B**), please note that the spring does not need to be perfectly vertical when determining the Bottom mounting point, and the distance to the side of the lid should be 25.4mm/1 inch.
4. Punch and fix the connectors and connect the joints and the spring.

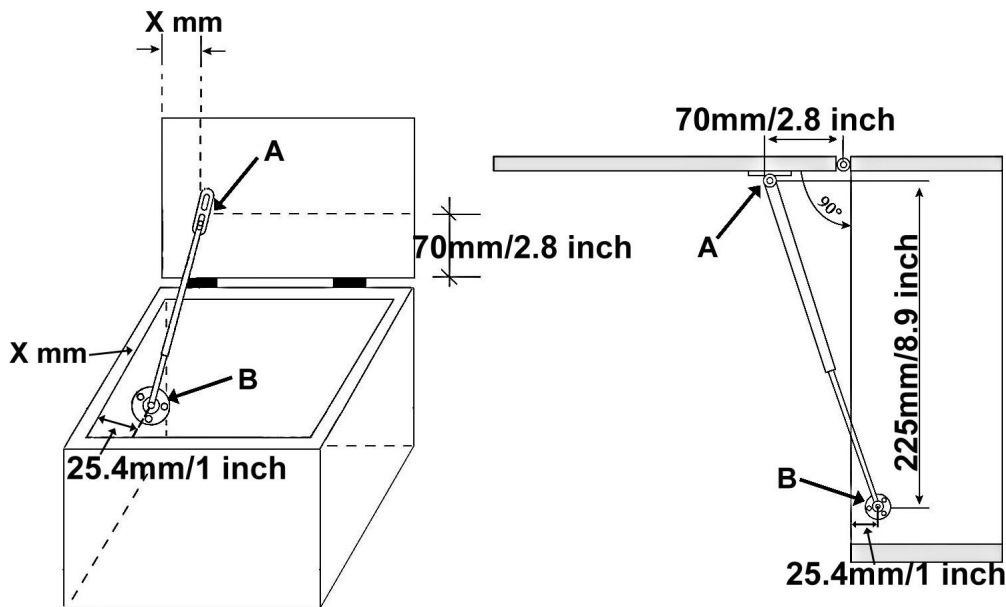
5. Repeat it on the opposite side.

**Note:** Rod down is the correct orientation to install. The heavier the lid, the more vertically installation method is recommended.



## Apexstone '10-inch Lift Supports' Gas Springs

(Apply to 45N/10lb, 80N/18lb, 100N/22.5lb, 150N/33lb, 160N/36lb, and 200N/45lb gas springs)



1. Open the top panel or door of the woodworking project you want to the desired open angle.
2. Prepare the springs with the **ROD DOWN** for optimum lubrication, ensuring as minor wear and tear as possible.
3. Determine the Mounting Points.
  - a) As the **Top Mounting Point** (mark as point **A**), it should be **70mm/2.8 inch** towards the hinge on the lid

(do this bracket last so you can line up the closing with the side of the cabinet), as distance to the side, it depends on the thickness (X mm) of your box/cupboard.

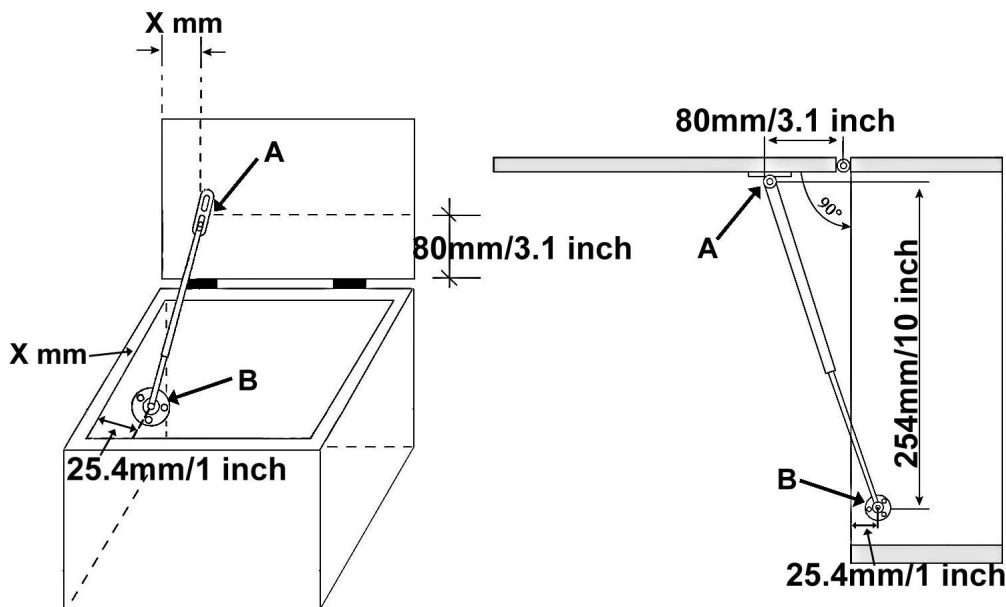
- b) As the **Bottom Mounting Point** (mark as point **A**), please note that the spring does not need to be perfectly vertical when determining the Bottom mounting point, and the distance to the side of the lid should be 25.4mm/1 inch.

4. Punch and fix the connectors and connect the joints and the spring.
5. Repeat it on the opposite side.

**Note:** Rod down is the correct orientation to install. The heavier the lid, the more vertically installation method is recommended.

## Apexstone '11-inch Lift Supports' Gas Springs

(Apply to 45N/10lb, 80N/18lb, 100N/22.5lb, 150N/33lb, 160N/36lb, and 200N/45lb gas springs)

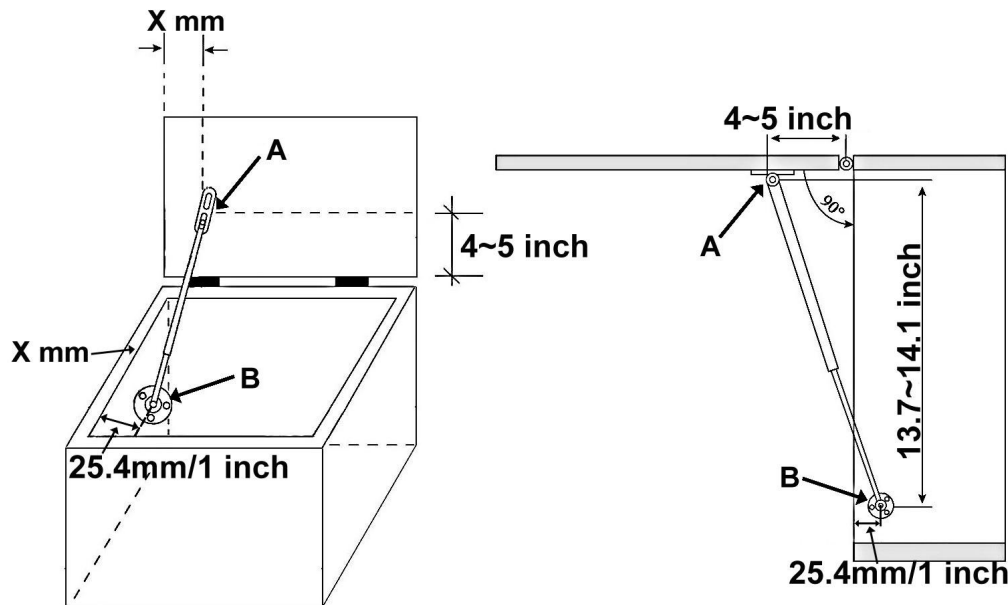


1. Open the top panel or door of the woodworking project you want to the desired open angle.
2. Prepare the strut with the **ROD DOWN** for optimum lubrication, ensuring as minor wear and tear as possible.
3. Determine the Mounting Points.
  - a) As the **Top Mounting Point** (mark as point **A**), it should be **80mm/3.1 inch** towards the hinge on the lid (do this bracket last so you can line up the closing with the side of the cabinet), as distance to the side, it depends on the thickness (X mm) of your box/cupboard.
  - b) As the **Bottom Mounting Point** (mark as point **B**), please note that the spring does not need to be perfectly vertical when determining the Bottom mounting point, and the distance to the side of the lid should be 25.4mm/1 inch.
4. Punch and fix the connectors and connect the joints and the spring.
5. Repeat it on the opposite side.

**Note:** Rod down is the correct orientation to install. The heavier the lid, the more vertically installation method is recommended.

## Apexstone '15-inch Lift Supports' Gas Springs

(Apply to 100N/22.5lb and 300N/67lb Gas Springs)



1. Open the top panel or door of the woodworking project you want to the desired open angle.
2. Prepare the strut with the **ROD DOWN** for optimum lubrication, ensuring as minor wear and tear as possible.
3. Determine the Mounting Points.
  - a) As the **Top Mounting Point** (mark as point **A**), it should be **4~5 inch** towards the hinge on the lid (do this bracket last so you can line up the closing with the side of the cabinet), as distance to the side, it depends on the thickness (X mm) of your box/cupboard.
  - b) As the **Bottom Mounting Point** (mark as point **B**), please note that the spring does not need to be perfectly vertical when determining the Bottom mounting point, and the distance to the side of the lid should be 25.4mm/1 inch.
4. Punch and fix the connectors and connect the joints and the spring.
5. Repeat it on the opposite side.

**Note:** Rod down is the correct orientation to install. The heavier the lid, the more vertically installation method is recommended.

### Need help from us?

Message us via: [alvinluo2013@gmail.com](mailto:alvinluo2013@gmail.com)

For assistance from our technical support team and they'll be happy to help you solve the problems.