

Gas Strut Installation Guide

****Important Reminder: Always maintain a firm grip on the cover when opening it to prevent it from opening too quickly. This will help reduce wear on the components.**

Parts Included: (4) Flat Washers (4) Lock Washers (4) Nuts

Tools Required: (2) ½” or 13mm Wrenches

Step 1: Preparing for Installation

Before starting, make sure the lid or cover you are working with is securely held in the open position. This prevents any accidental closing which could cause injury or damage to the hardware.

Step 2: Attaching the Gas Struts to the Lid

- 1. Identify the Cylinder End:** Begin by locating the cylinder end of each gas strut, which is typically the thicker end and may be distinguished by its black color.
- 2. Attach to Lid Support Bar:** Position one strut so the cylinder end is aligned with the mounting point on the lid support bar. Refer to photo #1 for the correct orientation.
- 3. Install Washers and Nut:** Slide a flat washer onto the bolt first, followed by a lock washer, and then thread the nut onto the bolt. Hand-tighten to hold the strut in place temporarily.

Step 3: Securing Struts to Side Brackets

- 1. Position Strut:** Take the rod end (opposite end from the cylinder) of the strut and align it with the appropriate hole in the side support bracket as shown in photo #2. The top hole is generally recommended for better access.
- 2. Secure with Hardware:** Again, use a flat washer first, then a lock washer, and finally, thread on the nut. Do not fully tighten just yet.

Step 4: Tightening the Connections

- 1. Use Wrenches:** With the gas struts loosely in place, grab your ½” or 13mm wrenches. Use one wrench to hold the bolt steady and the other to tighten the nut.
- 2. Secure All Connections:** Work your way around each connection, tightening the nuts to secure the struts firmly in place. Ensure both ends of each strut are tightly secured to prevent any movement.

Step 5: Final Checks

Once all parts are assembled, conduct a thorough check to ensure everything is properly tightened and secure. This is crucial for the safety and functionality of your cover.

Carefully open and close the lid to test the operation of the gas struts.

Please remember to keep ahold of the lid while opening and to not let the lid fly open by itself.

Gas Strut Installation Guide



#1



#2

