

Strongarm 713119

Strongarm Tonneau Cover Lift Supports Instruction Manual

Model: 713119 / RE-713119

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Strongarm Tonneau Cover Lift Supports. These gas springs are designed to provide reliable support for various automotive components, including tonneau covers, ensuring ease of use and safety. Strongarm products are engineered for durability and consistent performance in diverse weather conditions.

SAFETY INFORMATION

- Always wear appropriate personal protective equipment, such as safety glasses and gloves, during installation or maintenance.
- Ensure the tonneau cover or component is securely supported before removing old lift supports to prevent accidental falling.
- Do not compress or extend the new lift supports manually with excessive force before installation, as this can damage them.
- Keep hands and fingers clear of pinch points when operating the tonneau cover.
- Store lift supports in a cool, dry place away from direct sunlight and extreme temperatures.

PACKAGE CONTENTS

Your package should contain the following items:

- 2 x Strongarm Tonneau Cover Lift Supports (Model 713119 / RE-713119)

SETUP AND INSTALLATION

The Strongarm Tonneau Cover Lift Supports are designed for easy installation, often requiring only simple hand tools. Follow these steps for replacement:

1. **Preparation:** Safely prop open the tonneau cover or component that the lift supports are attached to.

Ensure it is stable and will not fall during the replacement process.

- 2. Remove Old Supports:** Carefully detach the old lift supports from their mounting points. This usually involves prying off retaining clips or unscrewing bolts, depending on the specific attachment mechanism. Note the orientation of the old supports.
- 3. Install New Supports:** Attach the new Strongarm lift supports to the mounting points. The patented temperature compensation module valves ensure consistent operation. Ensure the ends are securely fastened to the ball studs or mounting brackets. The supports feature a clip that holds the head on the ball for added security.
- 4. Test Operation:** Gently lower and raise the tonneau cover to ensure the new lift supports function correctly and hold the cover securely in the open position.



Image: Two Strongarm Tonneau Cover Lift Supports, featuring black cylinders and silver rods with ball-and-socket ends, ready for installation.

OPERATING INSTRUCTIONS

Once installed, the lift supports will assist in opening and holding your tonneau cover or other automotive component. To operate:

- **Opening:** Gently lift the tonneau cover. The gas springs will engage, providing assistance and holding the cover in the fully open position.

- **Closing:** Apply gentle downward pressure to the tonneau cover. The lift supports will compress smoothly, allowing the cover to close.

The stiffness of new lift supports is normal and ensures strong holding power. They may break in slightly over time.

MAINTENANCE

To ensure the longevity and optimal performance of your Strongarm lift supports:

- Keep the rods and seals clean and free from dirt, dust, and debris. Wipe with a clean, damp cloth if necessary.
- Avoid applying lubricants or grease to the rod or seal area, as this can attract dirt and potentially damage the seals.
- Periodically inspect the mounting points and the lift supports for any signs of wear, corrosion, or damage. Replace immediately if damage is observed.
- Do not attempt to disassemble the lift supports, as they contain pressurized gas.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Lift supports do not hold the cover open.	Worn out or failed gas pressure.	Replace both lift supports. Gas springs typically wear out over time.
Cover is difficult to open or close (too stiff).	New lift supports are naturally stiff; incorrect part for application.	New supports may require a break-in period. Verify that the correct part number (713119 / RE-713119) was installed for your specific application.
Squeaking or grinding noise during operation.	Dirt or debris on the rod/seal; worn mounting points.	Clean the lift support rods. Inspect mounting points for wear and lubricate if necessary (avoid lubricating the rod itself).

SPECIFICATIONS

Feature	Detail
Product Name	Tonneau Cover Lift Supports
Brand	Strongarm
Model Number	713119 / RE-713119
OEM Replacement Numbers	713119, RE-713119
Quantity	2 (Pair)
Extended Length (Center Mount to Center Mount)	26.32 inches
Material	Alloy Steel

Feature	Detail
Color	Black
Item Weight (per pair)	8 ounces
Product Dimensions	26.32 x 2 x 2 inches
Country of Origin	USA

WARRANTY AND SUPPORT

Strongarm products are manufactured to high-quality standards. For information regarding warranty coverage, technical support, or replacement parts, please contact Strongarm customer service directly or visit their official website. Keep your purchase receipt for warranty claims.

Manufacturer: Strongarm (TRICO Group)