Air Lift 50259

AIR LIFT 50259 Replacement Sleeve User Manual

1. Product Overview

The Air Lift 50259 Replacement Sleeve is designed as a direct replacement air spring for existing Air Lift suspension kits. It is constructed from sturdy rubber with synthetic fabric reinforcement, ensuring durability and reliable performance. This component is essential for maintaining the proper function of your vehicle's air suspension system.



Image: AIR LIFT 50259 Replacement Sleeve, a black rubber air spring with a metal top plate.

Key Features:

- One air spring (not a full kit)
- Includes mounting hardware and air fitting
- Kit and vehicle specific design
- Sturdy rubber construction with synthetic fabric reinforcement

2. Specifications

Specification	Value
Brand	Air Lift
Model	50259
Item Weight	2.08 ounces
Manufacturer Part Number	50259
OEM Part Number	50259
Date First Available	November 23, 2005

3. Installation

This replacement sleeve is designed for specific Air Lift suspension kits (e.g., 59113, 59516, 59518, 59531, 59562). Always refer to the specific installation guide provided with your original Air Lift kit for detailed instructions relevant to your vehicle and kit number. The following provides general steps and demonstrations.

General Installation Steps for Air Springs:

1. **Review Manual:** Always review the complete instruction manual for your specific kit before beginning installation.
2. **Prepare Vehicle:** Raise the vehicle using a hoist or jack stands and remove the wheels to access the suspension components.
3. **Prepare Air Spring:** Remove the cap from the air spring. Compress and fold the air spring to facilitate insertion.
4. **Insert Air Spring:** Carefully insert the air spring into the vehicle's coil spring. A blunt instrument, such as a tire spoon, can assist in positioning. Avoid using sharp objects that could damage the air spring cylinder.
5. **Attach Hose and Protectors:** Attach the air hose to the barbs on the air spring cylinder as indicated in your specific manual. Insert any provided protectors.
6. **Install and Route Air Line:** Install and route the air line, ensuring it is clear of heat sources (exhaust), sharp edges, and moving parts.
7. **Inflate:** Add air according to the pressure recommendations in your manual.

Installation Demonstration:

Your browser does not support the video tag.

Video: Installation of an Air Lift replacement bellow. This video demonstrates the process of preparing and inserting an air spring into a coil

spring, connecting air lines, and inflating the system.

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Video: Demonstration of Air Lift adjustable air springs controlling trailer sag. This video illustrates how air springs help to level a vehicle when towing, improving safety and ride comfort.

4. Operating the Air Springs

Air Lift air springs are designed to be adjustable, allowing you to customize the amount of load support needed for various situations. Proper inflation is crucial for optimal performance and safety.

Inflation and Deflation:

- **Minimum Air Pressure:** Maintain a minimum of 5 p.s.i. in the air springs at all times, even when unloaded, to prevent damage from bottoming out or over-extension.
- **Maximum Air Pressure:** Do not exceed 100 p.s.i. (or the maximum recommended pressure for your specific kit) to avoid damage to the air springs or vehicle components.
- **Adjusting Pressure:** Air pressure should be adjusted proportionally to the load being carried or towed. Increase pressure for heavier loads and decrease for lighter loads to maintain a level stance and comfortable ride.

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Video: Overview of Air Lift's history and various air suspension products, including demonstrations of how air springs improve vehicle stability and ride quality under load.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Air Lift replacement sleeve.

- **Regular Inspection:** Periodically inspect the air springs and air lines for any signs of wear, damage, or leaks.
- **Maintain Pressure:** Always ensure the minimum air pressure (5 p.s.i.) is maintained, even when the vehicle is unloaded.
- **Cleanliness:** Keep the air springs free from dirt, debris, and corrosive materials.

6. Troubleshooting

If you encounter issues with your Air Lift replacement sleeve, consider the following common troubleshooting steps:

- **Air Leak:** Check all air line connections for tightness. Inspect air lines and air springs for punctures or abrasions. Use a soapy water solution to identify leaks.
- **Uneven Ride Height:** Ensure both air springs are inflated to the same pressure. Check for uneven loading in the vehicle.
- **Insufficient Lift:** Verify that the air springs are inflated to the recommended pressure for your load. Ensure the air compressor (if applicable) is functioning correctly.

7. Warranty and Support

The Air Lift 50259 Replacement Sleeve comes with a**1 Year Warranty**. For warranty claims or technical support, please contact Air Lift directly. Many Air Lift products are known to have a lifetime warranty, so it is advisable to confirm the warranty details for your specific product directly with the manufacturer.

Air Lift Company is ISO 9001:2000 Certified for their quality management system, ensuring high-quality products and customer support.

Contact Information:

- Visit the Air Lift Store on Amazon for more products and information.
- Refer to the official Air Lift website or product documentation for direct customer service contacts.

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Example: How do I reset this device or fix this error?

Details

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