

Monroe MA757

Monroe Max-Air MA757 Air Adjustable Shock Absorber User Manual

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Monroe Max-Air MA757 Air Adjustable Shock Absorbers. These shock absorbers are designed to help maintain vehicle ride height under varying load conditions, improving stability and handling. Please read this manual thoroughly before installation and use.

The Monroe Max-Air MA757 shock absorbers can be inflated or deflated up to 150 PSI to maintain level height with additional weight up to 1,200 lbs. Note that the actual capacity is limited by the vehicle's suspension, tires, and transmission. Always refer to your vehicle's owner's manual for specific load limits.

KEY FEATURES

- **Maintain Ride Height Under Load:** The air chamber can be inflated or deflated up to 150 PSI to maintain level height with additional weight up to 1,200 lbs. (capacity is limited by suspension, tires and transmission; see owner's manual).
- **Easy to Adjust:** A special air fitting resists air leakage and can be tied into a factory system (where applicable) or manually inflated with an air compressor. Pair with Monroe air shock accessory and shock air hose AK kits (varies by application).
- **Exceptional Handling:** Features full-displaced valving on compression and extension cycles for a smooth ride.
- **Built to Last:** Constructed with a hardened and precision ground piston rod for consistent performance, a sintered iron piston for enhanced durability and longer service life, and a lubricated air sleeve to reduce friction for smooth operation.
- **Consistent Ride:** OE all-weather fluid contains special modifiers to handle extreme temperatures, help reduce friction, and ensure smooth rod reaction.

MAINTAIN RIDE HEIGHT UNDER LOAD

Air chamber can be inflated or deflated up to 150 PSI to maintain level height with additional weight up to 1,200 lbs. (capacity is limited by vehicle suspension, tires and transmission; see vehicle owner's manual)



Image: Monroe Max-Air shock absorber highlighting its ability to maintain ride height under load.

EASY TO **ADJUST**

Special air fitting resists air leakage and ties into factory system (where applicable) or manually inflates with an air compressor; pair with Monroe air shock accessory and shock air hose AK kits (varies based on application)



Image: Detail of the easy-to-adjust air fitting on the Monroe Max-Air shock absorber.

EXCEPTIONAL HANDLING

Full-displaced valving on compression and extension cycles for a smooth ride



Image: Two Monroe Max-Air shock absorbers demonstrating their design for exceptional handling.

BUILT TO LAST

Hardened and precision ground piston rod for consistent performance, sintered iron piston for enhanced durability and longer service life and lubricated air sleeve reduces friction for smooth operation



Image: A single Monroe Max-Air shock absorber, emphasizing its durable construction.

SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of your Monroe Max-Air shock absorbers. If you are not experienced with automotive suspension work, professional installation is highly recommended.

Safety Precautions

- Always wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands or a lift before beginning any work. Never rely solely on a jack.
- Refer to your vehicle's service manual for specific torque specifications and procedures.

General Installation Steps (Consult Vehicle Manual for Specifics)

1. **Prepare Vehicle:** Park the vehicle on a level surface, engage the parking brake, and block the wheels. Lift the vehicle using a jack and support it securely with jack stands.

2. **Remove Old Shocks:** Carefully remove the existing shock absorbers according to your vehicle's service manual. This typically involves unbolting the upper and lower mounts.
3. **Install New Shocks:** Position the new Monroe Max-Air MA757 shock absorbers and secure them to the upper and lower mounting points. Hand-tighten fasteners initially.
4. **Connect Air Lines:** If applicable, connect the air lines to the shock absorber fittings. Ensure all connections are tight and free of leaks. If installing an accessory air kit, follow its specific instructions.
5. **Final Tightening:** Once the vehicle is lowered to its normal ride height (or as specified by the vehicle manual), tighten all mounting bolts to the manufacturer's recommended torque specifications.
6. **Initial Inflation:** Inflate the shock absorbers to a suitable pressure (e.g., 20-30 PSI) to begin. Do not exceed 150 PSI.



Image: Vehicle on a lift, demonstrating preparation for shock absorber installation.



Image: A technician inspecting suspension components during the installation process.

OPERATING INSTRUCTIONS

The Monroe Max-Air MA757 shock absorbers are designed to be adjustable to accommodate varying loads. The air chamber can be inflated or deflated up to 150 PSI.

Inflation

To inflate the shocks, connect an air compressor to the special air fitting. Inflate gradually, checking the vehicle's ride height. Do not exceed 150 PSI. For optimal performance, ensure both shocks are inflated to the same pressure. Inflation can be done manually with an air compressor or through a factory-integrated system if your vehicle is equipped.

Deflation

To deflate, carefully release air from the fitting. This may be necessary when the vehicle is unloaded to restore normal ride height and comfort. Avoid rapid deflation to prevent sudden changes in vehicle stability.

Always monitor your vehicle's ride height and adjust the air pressure as needed to maintain a level stance, especially when carrying additional weight or towing. An uneven ride height can negatively impact handling and tire wear.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Monroe Max-Air MA757 shock absorbers.

- **Visual Inspection:** Periodically inspect the shock absorbers and air lines for any signs of damage, wear, or leaks. Check for cracks, corrosion, or loose connections.
- **Air Pressure Check:** Regularly check the air pressure in the shocks, especially before and after hauling heavy loads. Adjust as necessary to maintain the recommended ride height.
- **Cleaning:** Keep the shocks and air fittings clean from dirt, debris, and road salt to prevent corrosion and ensure proper function.
- **Professional Check:** It is recommended to have your vehicle's suspension system, including the air shocks, inspected by a qualified technician during routine vehicle maintenance.



Image: Measuring vehicle ride height, a key maintenance check for air shocks.

TROUBLESHOOTING

If you experience issues with your Monroe Max-Air MA757 shock absorbers, refer to the following common troubleshooting steps:

Loss of Air Pressure

- **Check Air Lines and Fittings:** Inspect all air lines and connections for visible damage, kinks, or loose fittings. A soapy water solution can help identify small leaks.
- **Inspect Air Valve:** Ensure the air valve cap is securely in place and the valve core is not leaking.
- **Shock Damage:** Examine the shock body for any signs of external damage that could lead to air loss.

Uneven Ride Height

- **Verify Air Pressure:** Ensure both shocks are inflated to the same pressure.
- **Load Distribution:** Check if the vehicle load is evenly distributed.
- **Component Wear:** Inspect other suspension components for wear or damage that might affect ride height.

Poor Ride Quality

- **Adjust Air Pressure:** Experiment with slightly different air pressures within the recommended range to find the optimal setting for your load and driving conditions.
- **Overload:** Ensure the vehicle is not overloaded beyond its capacity or the shock absorber's 1,200 lbs. additional weight capacity.
- **Other Suspension Issues:** Poor ride quality can also be indicative of issues with other suspension components, such as springs or bushings.

If problems persist after performing these checks, it is recommended to consult a qualified automotive technician.

SPECIFICATIONS

Specification	Detail
Brand	Monroe
Model Number	MA757
Auto Part Position	Rear
Vehicle Service Type	Car, Truck
Material	Iron
Extended Length	24 Inches
Maximum Air Pressure	150 PSI
Additional Load Capacity	Up to 1,200 lbs.
Included Components	Dust Shield; Parts Pack(s)

OFFICIAL PRODUCT VIDEOS

Your browser does not support the video tag.

Video: Monroe Shocks & Struts | Product Buyer's Guide. This video provides an overview of the Monroe product line, helping users understand the range and applications of Monroe shocks and struts.

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Video: Monroe Shocks & Struts | We Are Built Different. This video highlights the manufacturing quality and engineering principles behind Monroe products, reinforcing their durability and performance.

WARRANTY INFORMATION

The Monroe Max-Air MA757 Air Adjustable Shock Absorbers include a manufacturer-provided warranty. For specific details regarding coverage, duration, and claims procedures, please refer to the warranty documentation included with your product packaging or visit the official Monroe website.

Please retain your proof of purchase for warranty claims.

SUPPORT

For technical assistance, installation guidance, or any questions regarding your Monroe Max-Air MA757 shock absorbers, please contact Monroe customer support.

Monroe Official Website: www.monroe.com

Customer Service: Refer to the contact information provided on the official website or in your product packaging for direct support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question