

Skyjacker H7094

Skyjacker H7094 Softride Hydro Shock Absorber

User Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Skyjacker H7094 Softride Hydro Shock Absorber. Please read this manual thoroughly before installation and use to ensure optimal performance and safety. Retain this manual for future reference.

2. PRODUCT OVERVIEW & FEATURES

The Skyjacker H7094 Softride Hydro Shock Absorber is engineered to provide superior vehicle handling, stability, and ride comfort. Its design incorporates advanced internal components that adapt to varying terrain and speeds, ensuring consistent performance.



An image showing the Skyjacker H7094 Softride Hydro Shock Absorber. It features a white main body with the 'SKYJACKER HYDRO 7000' logo in red and blue. A corrugated red protective boot covers the shaft, and black polyurethane bushings are visible at one end.

Key Features:

- **Multi-Stage Velocity Sensitive Valving:** Adapts instantly to changing road conditions for consistent damping.
- **Twin Tube Construction:** Durable design for reliable performance.
- **5/8 in. Diameter Hardened And Double Chrome Rod:** Ensures strength and smooth operation.
- **Red Polyurethane Bushings:** Provides durability and reduces noise.
- **Includes Red Boot:** Protects the shock shaft from debris and contaminants.

3. SPECIFICATIONS

Specification	Value
Brand	Skyjacker
Model Number	H7094
Auto Part Position	Front
Vehicle Service Type	Car
Material	Chrome, Polyurethane Bushings
Extended Length	28.76 Inches
Item Weight	7 ounces
Product Dimensions	24 x 3 x 3 inches
Country of Origin	Mexico

4. SAFETY INFORMATION

CALIFORNIA WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

Always ensure your vehicle is properly supported and secured before beginning any work. Wear appropriate personal protective equipment, including safety glasses and gloves. If you are not experienced with automotive suspension work, it is highly recommended to seek professional installation.

5. INSTALLATION GUIDE

Installation of shock absorbers requires specific tools and mechanical knowledge. Incorrect installation can lead to vehicle damage or personal injury. It is strongly recommended that installation be performed by a qualified automotive technician.

General Installation Steps (Consult a professional or vehicle-specific service manual for detailed instructions):

1. Safely lift and support the vehicle using jack stands on a level surface.
2. Remove the wheels to access the suspension components.
3. Locate and remove the existing shock absorber. Note the orientation of all components.
4. Install the new Skyjacker H7094 shock absorber, ensuring all bushings and mounting hardware are correctly seated and tightened to manufacturer specifications.
5. Reinstall wheels and lower the vehicle safely.
6. Perform a final inspection to ensure all connections are secure and there is no interference with other components.

Note: The red boot included with the shock absorber should be installed to protect the shock shaft from dirt and debris.

6. OPERATION

Once installed, the Skyjacker H7094 shock absorber will immediately begin to enhance your vehicle's ride characteristics. The velocity-sensitive valving continuously adjusts damping resistance based on suspension movement, providing a smooth and controlled ride over various terrains. You should experience improved:

- **Handling:** Better control during turns and maneuvers.
- **Stability:** Reduced body roll and improved tire contact with the road surface.
- **Comfort:** Smoother absorption of bumps and road imperfections.

7. MAINTENANCE

Regular inspection and basic maintenance will help prolong the life and performance of your shock absorbers.

- **Visual Inspection:** Periodically inspect the shock absorbers for signs of leaks, damage to the body or boot, or worn bushings.
- **Cleaning:** Keep the shock absorbers clean, especially the shaft area, to prevent dirt and debris from entering the seals.
- **Hardware Check:** Ensure all mounting bolts and nuts remain tight. Re-torque to vehicle manufacturer specifications if necessary.
- **Boot Condition:** Check the protective red boot for tears or damage. A damaged boot can expose the shock shaft to contaminants.

If any significant damage or leaks are observed, replacement may be necessary.

8. TROUBLESHOOTING

If you experience issues with your vehicle's suspension after installing the shock absorbers, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Excessive Bouncing/Poor Ride	Worn shock absorber, improper installation, or issues with other suspension components.	Inspect shocks for leaks or damage. Verify correct installation and torque. Check other suspension parts.
Clunking/Rattling Noise	Loose mounting hardware, worn bushings, or contact with other components.	Check all mounting bolts for tightness. Inspect bushings for wear. Ensure proper clearance.
Uneven Ride Height	Incorrect shock length for application, or issues with springs/other suspension parts.	Verify shock absorber is correct for your vehicle's lift/application. Inspect springs.

If troubleshooting steps do not resolve the issue, consult a professional automotive technician.

9. WARRANTY INFORMATION

For specific warranty terms and conditions regarding your Skyjacker H7094 Softride Hydro Shock Absorber, please refer to the warranty documentation provided at the time of purchase or visit the official Skyjacker website. Warranty coverage typically addresses manufacturing defects and material flaws.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your Skyjacker product, please contact Skyjacker customer support directly. Have your product model number (H7094) and purchase information ready when contacting support.

For the most current contact information, please visit the official Skyjacker website.

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Model: H7094