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Skyjacker B8519



Skyjacker B8519 Black Max Shock Absorber Instruction Manual

Model: B8519

1. IMPORTANT SAFETY INFORMATION

Read all instructions carefully before installation and use. Improper installation or use can lead to serious injury or product damage. Always wear appropriate personal protective equipment, including safety glasses and gloves, when working on vehicles.

- Ensure the vehicle is securely supported on jack stands before beginning any work.
- Do not modify the shock absorber. Any modifications will void the warranty and may compromise safety.
- Consult a qualified mechanic if you are unsure about any installation steps.
- Dispose of old parts responsibly.

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

2. PRODUCT OVERVIEW

The Skyjacker B8519 Black Max Shock Absorber is designed for vehicle-specific applications, providing enhanced suspension performance. This shock absorber is constructed from durable iron and is intended for truck service types.





Image: Skyjacker B8519 Black Max Shock Absorber. This image displays the shock absorber, typically a cylindrical component with mounting points at each end, designed to dampen vehicle suspension movement.

3. SETUP AND INSTALLATION

Installation of the Skyjacker B8519 shock absorber is vehicle-specific. While some users report easy installation, professional installation is recommended to ensure proper fitment and safety. Refer to your vehicle's service manual for specific torque specifications and procedures.

General Installation Steps:

- 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 Shock:** Locate the existing shock absorber. Remove the upper and lower mounting bolts/nuts. Carefully remove the old shock.
- 3. Install New Shock:** Position the new Skyjacker B8519 shock absorber in place. Install the upper and lower mounting bolts/nuts. Do not fully tighten at this stage.
- 4. Final Tightening:** With the vehicle's weight on its wheels (or as specified by your vehicle's manual), tighten all mounting hardware to the manufacturer's recommended torque specifications.
- 5. Inspect:** Double-check all connections and ensure there is no interference with other vehicle components.

4. OPERATION

Shock absorbers are critical components of a vehicle's suspension system, designed to dampen the oscillations of the springs. The Skyjacker B8519 works by converting kinetic energy from suspension movement into heat, which is then dissipated. This process helps maintain tire contact with the road, improves ride comfort, and enhances vehicle control, especially over uneven terrain.

5. MAINTENANCE

Proper maintenance can extend the life and performance of your Skyjacker B8519 shock absorbers.

- Regular Inspection:** Periodically inspect the shock absorbers for signs of leaks, damage, or wear. Look for bent rods, damaged bushings, or oil residue on the shock body.
- Check Mounts:** Ensure all mounting bolts and nuts are tight and free from corrosion. Loose mounts can lead to premature wear and noise.
- Clean:** Keep the shock absorbers free from excessive dirt and debris, which can damage seals over time.
- Replace as Needed:** Shock absorbers are wear items. Replace them in pairs (front or rear) when they show signs of significant wear or reduced performance.

6. TROUBLESHOOTING

If you experience issues with your shock absorbers, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Excessive vehicle bounce or sway	Worn out shock absorber, insufficient damping	Inspect shocks for leaks or damage; consider replacement.

Problem	Possible Cause	Solution
Clunking or rattling noises	Loose mounting hardware, worn bushings, internal shock damage	Check and tighten mounting bolts; inspect bushings for wear and replace if necessary. If noise persists, replace the shock.
Oil leakage from shock body	Damaged seal, internal component failure	Replace the shock absorber.
Uneven tire wear	Worn shocks affecting tire contact with road	Inspect and replace worn shocks; perform wheel alignment.

7. SPECIFICATIONS

Key specifications for the Skyjacker B8519 Black Max Shock Absorber:

Feature	Detail
Model Number	B8519
Brand	Skyjacker
Material	Iron
Vehicle Service Type	Truck
Automotive Fit Type	Vehicle Specific Fit
Extended Length	29.83 Inches
Item Weight	4.29 pounds
Product Dimensions	24.3 x 3 x 3.1 inches
Country of Origin	Mexico
GTIN / UPC	803696238494

8. WARRANTY AND SUPPORT

For specific warranty information and customer support regarding your Skyjacker B8519 Black Max Shock Absorber, please refer to the documentation included with your purchase or visit the official Skyjacker website. Keep your proof of purchase for any warranty claims.