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> Monroe Magnum 65425 Suspension Shock Absorber User Manual

Monroe 65425

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Model: 65425 | Brand: Monroe

PRODUCT OVERVIEW

The Monroe Magnum 65425 Suspension Shock Absorber is engineered for high-mileage and severe-use commercial vehicles, specifically designed to fit 2010-2020 Kenworth T400 trucks. This component is crucial for maintaining optimal vehicle handling, ride consistency, and reducing noise, vibration, and harshness (NVH) during operation.



Image: Monroe Magnum 65425 Suspension Shock Absorber. This image displays the Monroe Magnum 65425 Suspension Shock Absorber, a yellow cylindrical unit, alongside its accompanying black rubber bushings, metal washers, and a nut, which are essential components for installation.

SETUP AND INSTALLATION

Proper installation of the Monroe Magnum 65425 Suspension Shock Absorber is critical for vehicle safety and performance. It is highly recommended that installation be performed by a qualified automotive technician.

Pre-Installation Checks:

- **Compatibility Verification:** Before beginning installation, ensure that the Monroe Magnum 65425 is the correct part for your vehicle. Verify compatibility by checking your vehicle's year, make, model, engine, and trim against the product specifications. This shock absorber is designed for 2010-2020 Kenworth T400 trucks.
- **Inspect Components:** Confirm all components listed in the "What's in the Box" section are present and undamaged. The package typically includes the shock absorber, dust shield, and a parts pack containing necessary bushings and fasteners.

Installation Procedure (General Guidelines):

1. Safely lift and support the vehicle according to manufacturer guidelines.
2. Remove the old shock absorber.
3. Install the new Monroe Magnum 65425 shock absorber, ensuring proper orientation and secure fastening of all components, including the dust shield and any supplied bushings and nuts.
4. Torque all fasteners to the vehicle manufacturer's specifications.
5. Lower the vehicle and perform a final inspection.

Refer to your vehicle's service manual for specific torque values and detailed installation instructions.

OPERATING CHARACTERISTICS

The Monroe Magnum 65425 shock absorber is engineered to provide superior performance under demanding conditions:

- **Consistent Ride:** Features an all-weather fluid with special additives to maintain performance across extreme temperatures and reduce oil breakdown. A larger 2-3/8-inch reserve tube holds more fluid, improving overall performance in most applications.
- **Exceptional Handling:** Utilizes 10-stage valving, specifically tuned for each vehicle, which adjusts to varying road conditions. A larger 1-3/4-inch bore provides more efficient damping control, contributing to a smooth and consistent ride.
- **Reduced Noise, Vibration, and Harshness (NVH):** Designed to effectively isolate impact-related NVH, providing a quieter and more comfortable driving experience under most conditions.
- **Improved Performance:** A nitrogen gas-charge helps maintain consistent tire-to-road contact, enhancing ride quality and handling by minimizing aeration and shock fade.

MAINTENANCE

Monroe Magnum shock absorbers are designed for durability and long service life with minimal maintenance. Regular inspection of your vehicle's suspension components, including shock absorbers, is recommended as part of routine vehicle maintenance.

- Periodically inspect the shock absorber for signs of leaks, damage, or wear.
- Check mounting points and bushings for tightness and integrity.
- Ensure the dust shield is intact and properly positioned to protect the rod from debris.

Any signs of significant wear or damage should prompt immediate professional inspection and replacement if necessary.

TROUBLESHOOTING

If you experience issues with your vehicle's suspension after installing the Monroe Magnum 65425 shock absorber, consider the following general points:

- **Unusual Noises:** Check for loose mounting bolts or improperly installed bushings.
- **Poor Ride Quality:** Verify that the correct shock absorber was installed for your specific vehicle model and that all components are properly seated.
- **Visible Damage/Leaks:** Any visible fluid leaks from the shock body or physical damage indicates a need for replacement.

For persistent issues or concerns, it is advisable to consult a certified automotive technician. Do not attempt repairs if you are not qualified, as improper handling of suspension components can lead to serious injury or vehicle damage.

SPECIFICATIONS

Attribute	Detail
Brand	Monroe
Model	Magnum OE Replacement (65425)
Vehicle Service Type	Truck (Fits 2010-2020 Kenworth T400)
Auto Part Position	Top
Material	Metal
Exterior Finish	Painted
Item Weight	7 pounds
Product Dimensions	10 x 10 x 6 inches
Extended Length	12.99 Inches
UPC	048598173256

WARRANTY AND SUPPORT

The Monroe Magnum 65425 Suspension Shock Absorber comes with Monroe's 90-day Risk Free Ride Offer and a Limited Commercial Warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the official Monroe warranty documentation or contact Monroe customer service.

For technical support, installation inquiries, or warranty claims, please contact Monroe Shocks & Struts directly or visit their official website. It is recommended to have your product model number (65425) and purchase information available when seeking support.

Manufacturer: Monroe Shocks & Struts

Website: Refer to the official Monroe website for support resources.

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